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Hudson River Beach Seine Water Quality Data
1982-1992

(237 Pages)

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1982	2	15	4		264	40	53.57	73	56.32	8/18/1982	10:40	0.3	24.4	4	21316
1982	2	18	4		260	40	56.889	73	55.1	8/18/1982	11:35	0.3	24.5	5.2	18283
1982	2	19	6		259	40	57.735	73	53.561	8/20/1982	10:50	0.3	24.8	6.2	16327
1982	2	22	6		256	40	59.97	73	53.05	8/20/1982	11:15	0.3	24.7	6.8	15658
1982	2	23	6		255	41	0.74	73	52.83	8/20/1982	11:35	0.3	25.1	5.6	15784
1982	2	24	6		252	41	2.057	73	52.505	8/18/1982	14:45	0.3	25.1	5.3	16228
1982	2	25	4		250	41	2.86	73	55.07	8/16/1982	13:50	0.3	27.4	7	13053
1982	2	25	4		284	41	2.57	73	54.94	8/17/1982	8:55	0.3	24.5	5.3	12024
1982	2	25	6		251	41	2.46	73	52.42	8/18/1982	14:15	0.3	25.2	5.3	13904
1982	2	26	4		271	41	3.77	73	55.22	8/16/1982	15:15	0.3	27.6	8.5	12747
1982	2	26	4		283	41	8.34	73	54.4	8/16/1982	14:30	0.3	27	8.6	12731
1982	2	26	6		247	41	3.891	73	52.077	8/18/1982	13:20	0.3	25.8	6.8	12539
1982	2	26	6		248	41	3.273	73	52.221	8/18/1982	13:40	0.3	25.6	6.1	13350
1982	2	26	6		249	41	2.67	73	52.3	8/18/1982	14:00	0.3	25.6	5.8	13478
1982	2	27	4		245	41	4.19	73	55.21	8/17/1982	9:20	0.3	24.2	6.2	11592
1982	2	27	4		272	41	4.49	73	55.14	8/17/1982	10:15	0.3	25	6.5	11022
1982	2	28	6		243	41	5.683	73	52.214	8/17/1982	12:40	0.3	26.2	12	12285
1982	2	28	6		244	41	5.33	73	52.33	8/17/1982	13:05	0.3	25.8	9.8	12716
1982	2	29	4		242	41	6.1	73	54.88	8/17/1982	10:50	0.3	25	7.3	11044
1982	2	30	4		241	41	7.14	73	54.77	8/17/1982	11:20	0.3	26	7.4	10040
1982	2	31	4		285	41	3.607	73	55.196	8/17/1982	13:40	0.3	26.3	11.2	10897
1982	2	31	4		285	41	3.607	73	55.196	8/19/1982	9:00	0.3	25.3	6.5	9334
1982	2	32	4		239	41	8.81	73	54.6	8/17/1982	14:00	0.3	26.6	6	9787
1982	2	32	4		240	41	8.48	73	54.42	8/18/1982	15:20	0.3	26	7	10000
1982	2	32	6		237	41	9.274	73	52.181	8/17/1982	9:10	0.3	25.4	14	9226
1982	2	32	6		238	41	8.85	73	52.123	8/17/1982	8:50	0.3	25.4	15	9256
1982	2	32	6		269	41	9.445	73	52.243	8/17/1982	9:30	0.3	25.4	11.2	9325
1982	2	33	6		236	41	9.79	73	52.202	8/17/1982	9:50	0.3	25.6	13	9091
1982	2	34	6		234	41	10.19	73	53.93	8/17/1982	10:45	0.3	25.4	11.4	8750
1982	2	34	6		235	41	10.632	73	52.59	8/17/1982	10:10	0.3	25.6	12.6	9170
1982	2	35	4		229	41	10.59	73	56.41	8/19/1982	9:40	0.3	26.1	6.9	7456
1982	2	35	6		231	41	11.23	73	53.69	8/17/1982	11:30	0.3	25.9	14.2	7957
1982	2	35	6		232	41	11.172	73	53.996	8/17/1982	11:15	0.3	25.4	11.6	8095
1982	2	36	4		227	41	11.02	73	57.41	8/18/1982	15:50	0.3	27.2	8.2	7567
1982	2	36	4		281	41	11.13	73	57.16	8/19/1982	9:45	0.3	26.1	6.7	7838
1982	2	36	6		276	41	12.17	73	53.51	8/19/1982	15:20	0.3	26.9	10.8	8417
1982	2	37	4		224					8/19/1982	11:25	0.3	26.1	6.5	6370
1982	2	37	4		225	41	12.096	73	57.458	8/19/1982	10:05	0.3	26	6.5	7265
1982	2	38	4		223	41	12.89	73	57.806	8/19/1982	10:55	0.3	25.9	6.2	6208
1982	2	38	4		278	41	12.96	73	57.828	8/19/1982	10:40	0.3	25.8	6	6260
1982	2	38	4		279	41	13.36	73	57.82	8/19/1982	10:15	0.3	25.9	6.4	6169
1982	2	38	4		280	41	13.4	73	57.81	8/19/1982	11:11	0.3	26.1	6.1	6262
1982	2	40	4		214	41	14.31	73	58.5	8/19/1982	12:10	0.3	26.6	9.6	6046

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1982	2	40	6		212					8/19/1982	12:35	0.3	26.2	7.8	6191
1982	2	42	4		206	41	16.412	73	58.1	8/19/1982	13:30	0.3	25.9	6.7	6090
1982	2	42	6		207	41	15.3	73	57.8	8/19/1982	13:10	0.3	26.4	6.6	6304
1982	2	43	6		204	41	16.693	73	56.484	8/19/1982	13:50	0.3	25.9	6	4578
1982	2	48	4		197	41	20.86	73	58.08	8/19/1982	14:20	0.3	26.9	7.5	2177
1982	2	51	6		195	41	22.87	73	50.61	8/20/1982	13:30	0.3	25.2	7.9	1887
1982	2	53	4		192	41	24.19	73	57.95	8/20/1982	14:00	0.3	25.3	6.1	1698
1982	2	53	6		191	41	24.882	73	57.554	8/20/1982	14:50	0.3	24.4	6.6	1489
1982	2	54	6		190	41	24.961	73	57.702	8/20/1982	15:10	0.3	25.5	7.5	1109
1982	2	56	4		187	41	26.83	74	0.5	8/20/1982	14:15	0.3	25.4	6.4	893
1982	2	57	4		185	41	27.68	74	0.73	8/20/1982	12:40	0.3	25.6	9.1	534
1982	2	57	4		186	41	27.28	74	0.8	8/20/1982	13:00	0.3	25.2	10	538
1982	2	59	6		180	41	29.08	73	59.37	8/20/1982	12:00	0.3	25	7.9	620
1982	2	59	6		181	41	29.04	73	59.33	8/20/1982	12:20	0.3	25	8.1	540
1982	2	61	4		174	41	31.15	74	0.37	8/20/1982	11:15	0.3	26.3	9.2	29
1982	2	63	6		168	41	32.3	73	58.633	8/19/1982	14:45	0.3	26.4	11.8	331
1982	2	66	4		160	41	34.777	73	57.753	8/19/1982	14:10	0.3	27.5	9.8	571
1982	2	68	4		159	41	36.49	73	57.64	8/19/1982	13:45	0.3	26.1	7.1	117
1982	2	69	6		157	41	36.97	73	56.85	8/19/1982	13:10	0.3	26.1	7.5	235
1982	2	72	4		151	41	40.04	73	57.11	8/19/1982	12:50	0.3	25.8	7.2	216
1982	2	77	6		140	41	44.56	73	56.17	8/19/1982	12:05	0.3	25.3	7.3	209
1982	2	81	6		136					8/19/1982	11:20	0.3	25.2	7.7	229
1982	2	82	4		134	41	48.51	73	57.22	8/19/1982	10:55	0.3	25.3	8.4	219
1982	2	83	4		133	41	48.74	73	57.19	8/19/1982	10:30	0.3	25.3	8.7	229
1982	2	84	4		129	41	50.61	73	57.28	8/19/1982	9:32	0.3	24.7	8.6	221
1982	2	86	6		125	41	51.75	73	55.89	8/19/1982	9:05	0.3	23.7	8.6	185
1982	2	90	6		120	41	54.02	73	57.2	8/18/1982	15:15	0.3	25.7	9.8	118
1982	2	91	6		119	41	55.847	73	56.774	8/18/1982	14:50	0.3	26.3	10.8	97
1982	2	92	4		118	41	56.32	73	58.1	8/18/1982	15:50	0.3	25.9	11.6	98
1982	2	93	4		116	41	57.05	73	57.77	8/18/1982	14:20	0.3	25	10.2	110
1982	2	94	4		115	41	57.78	73	57.47	8/18/1982	14:00	0.3	25.2	9.4	120
1982	2	94	6		114	41	58.085	73	56.467	8/18/1982	13:32	0.3	25.3	10.3	149
1982	2	95	6		112	41	58.238	73	56.123	8/18/1982	13:00	0.3		9.5	120
1982	2	96	6		106	42	59.99	73	55.94	8/18/1982	12:40	0.3	24.7	9.2	101
1982	2	98	4		100	42	1.67	73	56.54	8/18/1982	11:30	0.3	24.9	9.7	120
1982	2	98	4		101	42	1.426	73	56.456	8/18/1982	12:05	0.3	25.2	10.2	100
1982	2	99	6		99	42	2.02	73	55.73	8/18/1982	11:00	0.3	24.4	9.5	101
1982	2	105	4		98	42	7.33	73	55.3	8/18/1982	10:20	0.3	24.8	9.2	181
1982	2	106	4		96	42	8.147	73	54.796	8/18/1982	9:55	0.3	24.7	8.7	121
1982	2	113	4		86	42	13.12	73	51.33	8/18/1982	8:40	0.3	24.8	8.4	100
1982	2	113	6		87	42	13.32	73	50.85	8/18/1982	9:00	0.3	24.2	7.8	102
1982	2	115	6		80	42	14.8	73	49.1	8/17/1982	17:30	0.3	25.2	9.2	100
1982	2	116	4		78					8/17/1982	16:55	0.3	25.2	8.7	120

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1982	2	119	4		72	42	16.82	73	47.28	8/17/1982	16:35	0.3	25.3	8.5	119
1982	2	119	6		69	42	17.29	73	46.78	8/17/1982	16:25	0.3	25.7	9.3	138
1982	2	121	4		68	42	18.53	73	47.1	8/17/1982	16:00	0.3	25.5	9.5	178
1982	2	122	4		63	42	19.84	73	47.18	8/17/1982	15:42	0.3	25.5	9.2	119
1982	2	122	6		62	42	20.105	73	46.848	8/17/1982	15:30	0.3	25.8	10.1	177
1982	2	124	6		57	42	21.28	73	47.32	8/17/1982	15:15	0.3	25.8	10.1	148
1982	2	125	4		53	42	22.27	73	47.62	8/17/1982	14:50	0.3	25.7	9.7	89
1982	2	127	6		47	42	23.853	73	46.901	8/17/1982	13:00	0.3	26.6	11.4	97
1982	2	129	6		40	42	25.67	73	46.67	8/17/1982	12:36	0.3	25.4	7.6	109
1982	2	131	4		33	42	28.06	73	47.13	8/17/1982	11:44	0.3	25.1	6.6	120
1982	2	131	4		34					8/17/1982	12:00	0.3	26.3	10	146
1982	2	148	6		3	42	41.41	73	42.584	8/17/1982	10:33	0.3	24.4	7.9	162
1982	2	151	4		1	42	44.51	73	41.196	8/17/1982	9:57	0.3	24.4	8	101
1982	3	14	4		265					9/2/1982	11:00	0.3	21.5	5.2	27183
1982	3	18	4		260	40	56.889	73	55.1	9/2/1982	10:35	0.3	22	5.9	20511
1982	3	19	6		259	40	57.735	73	53.561	9/2/1982	10:20	0.3	22	6.6	19000
1982	3	23	6		254	41	1.086	73	52.681	9/2/1982	11:30	0.3	22.1	6.2	17006
1982	3	23	6		255	41	0.74	73	52.83	9/2/1982	10:00	0.3	21.9	6.6	16642
1982	3	24	6		252	41	2.057	73	52.505	8/30/1982	14:45	0.3	22.2	9.2	11536
1982	3	25	4		250	41	2.86	73	55.07	8/30/1982	11:00	0.3	21.2	8.8	11483
1982	3	25	4		270	41	2.783	73	55.05	8/30/1982	10:45	0.3	21.2	9.2	11623
1982	3	25	4		284	41	2.57	73	54.94	8/30/1982	10:25	0.3	20.5	9.4	9428
1982	3	25	6		251	41	2.46	73	52.42	8/30/1982	14:20	0.3	22.1	9.1	10839
1982	3	26	4		271	41	3.77	73	55.22	8/30/1982	11:45	0.3	21.6	8	11298
1982	3	26	4		283	41	8.34	73	54.4	8/30/1982	11:25	0.3	21.2	7.4	11364
1982	3	26	6		247	41	3.891	73	52.077	8/30/1982	13:25	0.3	22.1	8	11146
1982	3	26	6		248	41	3.273	73	52.221	8/30/1982	13:50	0.3	22.1	8.6	10276
1982	3	26	6		249	41	2.67	73	52.3	8/30/1982	14:05	0.3	22.1	8.6	10924
1982	3	27	4		245	41	4.19	73	55.21	8/30/1982	12:05	0.3	21.4	7.5	11304
1982	3	27	4		272	41	4.49	73	55.14	9/2/1982	12:00	0.3	22.7	7	13543
1982	3	28	6		243	41	5.683	73	52.214	8/30/1982	12:35	0.3	22.1	7.9	10499
1982	3	28	6		244	41	5.33	73	52.33	8/30/1982	13:05	0.3	22	7.9	10617
1982	3	29	4		242	41	6.1	73	54.88	8/30/1982	15:45	0.3	22.5	9.2	9389
1982	3	29	4		242	41	6.1	73	54.88	9/1/1982	9:45	0.3	22.4	6.7	11909
1982	3	30	4		241	41	7.14	73	54.77	9/1/1982	9:05	0.3	22.4	7.1	11329
1982	3	31	4		285	41	3.607	73	55.196	9/1/1982	9:25	0.3	23.1	7.6	11008
1982	3	32	4		239	41	8.81	73	54.6	9/1/1982	10:15	0.3	22.7	6.8	10566
1982	3	32	4		240	41	8.48	73	54.42	9/1/1982	9:50	0.3	22.7	7	11247
1982	3	32	6		237	41	9.274	73	52.181	8/31/1982	9:50	0.3	21.2	7.8	10097
1982	3	32	6		238	41	8.85	73	52.123	8/31/1982	9:35	0.3	21.2	7.7	9762
1982	3	32	6		269	41	9.445	73	52.243	8/31/1982	10:05	0.3	21.8	7.8	9722
1982	3	33	6		236	41	9.79	73	52.202	8/31/1982	10:20	0.3	20.8	8.6	9105
1982	3	34	6		234	41	10.19	73	53.93	8/31/1982	11:05	0.3	21.2	8	9394

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1982	3	34	6		235	41	10.632	73	52.59	8/31/1982	10:40	0.3	19.9	7.5	9031
1982	3	35	4		277	41	10.95	73	57.06	9/1/1982	10:50	0.3	23.4	6.6	8130
1982	3	35	6		274	41	11.17	73	53.71	8/31/1982	11:30	0.3	22.4	8.6	7943
1982	3	35	6		275	41	11.31	73	53.54	8/31/1982	11:55	0.3	22.3	8.7	8203
1982	3	36	4		227	41	11.02	73	57.41	8/31/1982	13:55	0.3	22.4	8.1	8249
1982	3	36	4		226	41	11.8	73	57.5	9/1/1982	11:45	0.3	23.3	7	7867
1982	3	36	4		281	41	11.13	73	57.16	9/1/1982	11:05	0.3	23.4	7	7996
1982	3	36	4		282	41	11.2	73	57.17	9/1/1982	11:25	0.3	23.3	7.9	8064
1982	3	38	4		278	41	12.96	73	57.828	8/31/1982	13:20	0.3	24.3	8.2	7617
1982	3	38	4		279	41	13.36	73	57.82	8/31/1982	13:00	0.3	24.4	7.8	7652
1982	3	38	4		280	41	13.4	73	57.81	8/31/1982	12:45	0.3	24.3	7.4	7465
1982	3	38	4		222	41	12.979	73	57.867	9/1/1982	12:15	0.3	23.5	6.7	7732
1982	3	38	6		220					8/31/1982	12:20	0.3	22.9	9.5	8038
1982	3	39	6		218	41	14.02	73	56.4	9/1/1982	12:40	0.3	22.6	8	8099
1982	3	41	6		208	41	15.72	73	50.84	9/1/1982	13:10	0.3	24.7	7.5	7183
1982	3	42	4		206	41	16.412	73	58.1	9/1/1982	13:50	0.3	23.5	6.8	7155
1982	3	42	6		207	41	15.3	73	57.8	9/1/1982	13:30	0.3	26.8	6.4	8127
1982	3	46	4		198	41	19.7	73	59	9/1/1982	14:25	0.3	23.5	6.4	5196
1982	3	49	4		196	41	21.16	73	57.74	9/2/1982	14:20	0.3	23.9	6.8	5010
1982	3	52	6		193	41	24.12	73	57.31	9/2/1982	13:18	0.3	23.8	7.3	4098
1982	3	52	6		194	41	24.12	73	56.81	9/2/1982	13:45	0.3	24.7	7.3	3974
1982	3	53	4		192	41	24.19	73	57.95	9/2/1982	13:00	0.3	23.8	7.2	4098
1982	3	55	6		189	41	25.66	73	58.14	9/2/1982	12:30	0.3	23.8	6.7	3176
1982	3	57	4		186	41	27.28	74	0.8	9/2/1982	11:50	0.3	23.8	8.4	1025
1982	3	58	4		183	41	28.02	74	0.87	9/2/1982	11:10	0.3	23.4	7.8	930
1982	3	58	4		184	41	27.78	74	0.7	9/2/1982	11:30	0.3	23.3	7.9	932
1982	3	58	6		182	41	28.2	73	59.12	9/2/1982	10:38	0.3	22.1	8.2	1008
1982	3	59	6		178	41	29.25	73	59.32	9/2/1982	10:15	0.3	23	7.4	938
1982	3	61	4		174	41	31.15	74	0.37	9/2/1982	9:40	0.3	23.8	7.8	400
1982	3	63	4		166					9/1/1982	16:55	0.3	24	7	306
1982	3	63	6		169	41	32.07	73	58.83	9/2/1982	9:00	0.3	23	6.8	344
1982	3	69	6		156	41	37.03	73	56.88	9/1/1982	15:57	0.3	23.8	6.8	256
1982	3	69	6		157	41	36.97	73	56.85	9/1/1982	16:09	0.3	23.8	6.9	256
1982	3	73	6		150	41	40.28	73	56.49	9/1/1982	15:22	0.3	23	6.7	250
1982	3	77	6		140	41	44.56	73	56.17	9/1/1982	13:30	0.3	21	7.3	261
1982	3	78	6		138	41	45.18	73	56.22	9/1/1982	12:58	0.3	21	6.5	250
1982	3	83	4		131	41	49.33	73	57.31	9/1/1982	12:11	0.3	21	8.1	244
1982	3	84	4		129	41	50.61	73	57.28	9/1/1982	11:20	0.3	21	7.8	244
1982	3	85	4		128					9/1/1982	10:45	0.3	20.5	8.3	247
1982	3	86	4		126	41	51.44	73	56.97	9/1/1982	10:15	0.3	20.5	8.3	247
1982	3	86	6		125	41	51.75	73	55.89	9/1/1982	9:45	0.3	20.5	7.6	253
1982	3	88	6		122	41	53.023	73	56.214	9/1/1982	9:15	0.3	20	6.8	256
1982	3	90	6		120	41	54.02	73	57.2	9/1/1982	8:40	0.3	20	7.7	256

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1982	3	93	6		117	41	57.036	73	56.721	8/31/1982	16:40	0.3	22.5	9.2	242
1982	3	94	4		115	41	57.78	73	57.47	8/31/1982	15:40	0.3	22	10	245
1982	3	94	6		114	41	58.085	73	56.467	8/31/1982	16:08	0.3	23	10.8	234
1982	3	95	4		111	41	59.083	73	57.079	8/31/1982	15:25	0.3	22.5	10.9	232
1982	3	96	6		106	42	59.99	73	55.94	8/31/1982	14:25	0.3	22	10.8	250
1982	3	96	6		109	41	59.43	73	56.012	8/31/1982	15:00	0.3	23	10.8	240
1982	3	97	4		103	42	0.5	73	56.51	8/31/1982	13:40	0.3	21.5	10	237
1982	3	97	6		104	42	0.26	73	55.792	8/31/1982	14:07	0.3	22	12.2	239
1982	3	99	6		99	42	2.02	73	55.73	8/31/1982	13:10	0.3	22	10	239
1982	3	105	4		98	42	7.33	73	55.3	8/31/1982	12:40	0.3	22	10	239
1982	3	108	6		94	42	9.56	73	53.18	8/31/1982	12:13	0.3	21.5	9.2	242
1982	3	109	6		93	42	9.91	73	52.81	8/31/1982	11:57	0.3	21	9.1	239
1982	3	110	6		91	42	10.9	73	51.53	8/31/1982	11:35	0.3	21	10.8	250
1982	3	111	6		89					8/31/1982	11:00	0.3	20.5	8.9	258
1982	3	112	4		88	42	12.69	73	51.26	8/31/1982	10:25	0.3	21	8.4	250
1982	3	114	6		85	42	13.54	73	50.75	8/31/1982	9:55	0.3	20	9	256
1982	3	115	6		79	42	14.8	73	49	8/31/1982	9:30	0.3	20.5	8.3	253
1982	3	121	4		68	42	18.53	73	47.1	8/30/1982	17:20	0.3	22	8.1	250
1982	3	122	4		63	42	19.84	73	47.18	8/30/1982	17:00	0.3	21.5	8	242
1982	3	124	4		58					8/30/1982	16:45	0.3	22	8.1	229
1982	3	125	6		52	42	22.39	73	47.45	8/30/1982	16:15	0.3	22	8.6	234
1982	3	129	6		42	42	25.226	73	46.523	8/30/1982	15:40	0.3	22	9.7	234
1982	3	130	4		37	42	26.76	73	47.22	8/30/1982	15:00	0.3	22	7.4	234
1982	3	135	4		25	42	31.16	73	46.06	8/30/1982	14:37	0.3	22	6.7	229
1982	3	138	4		21	42	33.51	73	45.33	8/30/1982	13:43	0.3	21.5	6.5	220
1982	3	138	4		22	42	33.36	73	45.42	8/30/1982	14:01	0.3	21.5	6.6	226
1982	3	140	4		10					8/30/1982	13:00	0.3	22	7.1	223
1982	4	14	4		266	40	52.925	73	56.648	9/16/1982	10:20	0.3	21.2	3.5	22772
1982	4	16	4		262	40	54.9	73	55.7	9/16/1982	9:55	0.3	21.6	4.2	21825
1982	4	18	6		261	40	56.27	73	54.17	9/16/1982	10:50	0.3	21.5	3.4	22376
1982	4	23	6		254	41	1.086	73	52.681	9/16/1982	11:45	0.3	22	4.7	18887
1982	4	23	6		255	41	0.74	73	52.83	9/16/1982	11:25	0.3	21.8	4.6	21078
1982	4	24	6		252	41	2.057	73	52.505	9/14/1982	18:30	0.3	23.5	7.2	15129
1982	4	25	4		250	41	2.86	73	55.07	9/14/1982	8:50	0.3	22.1	6.5	13398
1982	4	25	4		270	41	2.783	73	55.05	9/14/1982	8:25	0.3	22.1	6.2	13218
1982	4	25	4		284	41	2.57	73	54.94	9/14/1982	8:00	0.3	22.1	6	13218
1982	4	25	6		251	41	2.46	73	52.42	9/14/1982	18:15	0.3	23.8	7.7	13560
1982	4	26	4		271	41	3.77	73	55.22	9/14/1982	9:40	0.3	22.2	6.2	13113
1982	4	26	4		283	41	8.34	73	54.4	9/14/1982	9:10	0.3	22.6	6.3	12850
1982	4	26	6		247	41	3.891	73	52.077	9/14/1982	17:35	0.3	24.6	7.9	13583
1982	4	26	6		248	41	3.273	73	52.221	9/14/1982	17:45	0.3	24.4	7.5	13968
1982	4	26	6		249	41	2.67	73	52.3	9/14/1982	18:00	0.3	23.8	7.5	13625
1982	4	27	4		245	41	4.19	73	55.21	9/14/1982	10:00	0.3	22.9	6.5	12946

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1982	4	27	4		272	41	4.49	73	55.14	9/14/1982	10:20	0.3	22.2	6.5	11564
1982	4	28	6		243	41	5.683	73	52.214	9/13/1982	12:20	0.3	23.6	7.4	12881
1982	4	28	6		243	41	5.683	73	52.214	9/14/1982	16:45	0.3	24.8	7.9	11626
1982	4	28	6		244	41	5.33	73	52.33	9/14/1982	17:05	0.3	24.4	7.6	12278
1982	4	29	4		242	41	6.1	73	54.88	9/14/1982	10:40	0.3	22.2	6.9	11747
1982	4	30	4		241	41	7.14	73	54.77	9/14/1982	11:11	0.3	22.1	7.5	12623
1982	4	31	4		285	41	3.607	73	55.196	9/14/1982	11:30	0.3	22.4	7.1	10262
1982	4	32	4		239	41	8.81	73	54.6	9/14/1982	12:05	0.3	23.1	7.6	9809
1982	4	32	4		240	41	8.48	73	54.42	9/14/1982	11:45	0.3	22.6	7.9	9912
1982	4	32	6		237	41	9.274	73	52.181	9/13/1982	12:10	0.3	23.4	8	10764
1982	4	32	6		238	41	8.85	73	52.123	9/13/1982	12:50	0.3	24.2	7.6	11423
1982	4	32	6		269	41	9.445	73	52.243	9/13/1982	13:25	0.3	24.2	8.4	10559
1982	4	33	6		236	41	9.79	73	52.202	9/13/1982	13:50	0.3	25.6	12	10949
1982	4	35	6		231	41	11.23	73	53.69	9/16/1982	13:50	0.3	23.6	8.3	9681
1982	4	36	4		226	41	11.8	73	57.5	9/14/1982	13:35	0.3	24.1	7.6	8752
1982	4	36	4		227	41	11.02	73	57.41	9/14/1982	12:35	0.3	23.2	7.2	8544
1982	4	36	4		281	41	11.13	73	57.16	9/14/1982	12:55	0.3	23.9	9	8637
1982	4	36	4		282	41	11.2	73	57.17	9/14/1982	13:15	0.3	24	7.3	8636
1982	4	36	6		228	41	12.25	73	53.5	9/16/1982	13:10	0.3	23.2	7.8	9200
1982	4	36	6		276	41	12.17	73	53.51	9/16/1982	13:30	0.3	23.2	6.4	9400
1982	4	37	4		224					9/15/1982	10:10	0.3	23.9	8.4	8874
1982	4	37	4		225	41	12.096	73	57.458	9/15/1982	9:50	0.3	23.5	6.5	8761
1982	4	38	4		221	41	13.43	73	57.79	9/15/1982	12:35	0.3	23.9	7.6	7975
1982	4	38	4		223	41	12.89	73	57.806	9/15/1982	11:50	0.3	24.1	8.4	7663
1982	4	38	4		278	41	12.96	73	57.828	9/15/1982	12:05	0.3	23.8	8.3	8197
1982	4	38	4		280	41	13.4	73	57.81	9/15/1982	12:20	0.3	23.8	7.4	7654
1982	4	38	6		220					9/15/1982	14:55	0.3	24.7	8.9	9256
1982	4	39	6		218	41	14.02	73	56.4	9/16/1982	12:35	0.3	23.1	6.4	9263
1982	4	40	6		210	41	14.87	73	57.74	9/15/1982	13:50	0.3	24.1	6.8	7943
1982	4	40	6		211	41	14.88	73	57.6	9/15/1982	14:15	0.3	24	7.6	9015
1982	4	41	6		208	41	15.72	73	50.84	9/15/1982	13:35	0.3	25	6.9	8367
1982	4	43	6		202	41	17.12	73	55.98	9/15/1982	13:05	0.3	24.1	7.7	5691
1982	4	51	6		195	41	22.87	73	50.61	9/16/1982	14:00	0.3	24.5	7.3	4262
1982	4	52	6		194	41	24.12	73	56.81	9/16/1982	13:30	0.3	23.4	6.7	4062
1982	4	53	4		192	41	24.19	73	57.95	9/16/1982	13:10	0.3	22.3	6.8	4253
1982	4	54	6		190	41	24.961	73	57.702	9/16/1982	12:12	0.3	23.1	6.1	3106
1982	4	55	6		189	41	25.66	73	58.14	9/16/1982	15:00	0.3	23.5	6.6	3347
1982	4	57	4		186	41	27.28	74	0.8	9/16/1982	11:35	0.3	22.6	7.4	1077
1982	4	58	4		183	41	28.02	74	0.87	9/16/1982	11:15	0.3	22.9	6.6	1077
1982	4	58	6		182	41	28.2	73	59.12	9/16/1982	10:35	0.3	22.6	7	1473
1982	4	59	6		180	41	29.08	73	59.37	9/16/1982	9:45	0.3	23	6.8	1021
1982	4	59	6		181	41	29.04	73	59.33	9/16/1982	10:10	0.3	22.8	6.7	1074
1982	4	60	6		177	41	29.52	73	59.24	9/16/1982	9:15	0.3	22.8	5.6	952

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1982	4	62	4		171	41	32.19	73	59.91	9/15/1982	17:00	0.3	24.2	7.4	559
1982	4	63	6		167	41	32.41	73	58.61	9/15/1982	16:10	0.3	24.5	11.2	475
1982	4	69	4		155	41	37.44	73	57.43	9/15/1982	16:10	0.3	23.7	8	236
1982	4	71	4		153	41	39.06	73	57.257	9/15/1982	15:40	0.3	23.2	6.9	228
1982	4	74	6		149	41	41.064	73	56.289	9/15/1982	14:10	0.3	23.4	7.7	227
1982	4	77	6		140	41	44.56	73	56.17	9/15/1982	12:55	0.3	22.8	7.4	220
1982	4	80	6		137	41	46.14	73	56.82	9/15/1982	12:30	0.3	22.5	6.7	221
1982	4	81	4		135	41	47.474	73	57.457	9/15/1982	12:00	0.3	22.2	6.9	222
1982	4	83	4		131	41	49.33	73	57.31	9/15/1982	10:45	0.3	22	7.7	223
1982	4	85	4		128					9/15/1982	10:10	0.3	21.8	8.4	224
1982	4	86	4		124	41	51.95	73	56.84	9/15/1982	9:40	0.3	21.2	8.3	227
1982	4	87	4		123	41	52.616	73	57.292	9/15/1982	9:06	0.3	21.5	8.5	226
1982	4	88	6		122	41	53.023	73	56.214	9/14/1982	15:20	0.3	23.4	10.5	227
1982	4	90	6		120	41	54.02	73	57.2	9/14/1982	14:50	0.3	22.5	9.3	221
1982	4	92	4		118	41	56.32	73	58.1	9/14/1982	14:30	0.3	22.9	10	219
1982	4	95	6		112	41	58.238	73	56.123	9/14/1982	13:57	0.3	22.8	10	220
1982	4	96	4		108	41	59.76	73	56.81	9/14/1982	12:15	0.3	22	9.4	223
1982	4	96	4		110	41	59.4	73	56.94	9/14/1982	13:15	0.3	22.3	9.9	222
1982	4	96	6		106	42	59.99	73	55.94	9/14/1982	11:10	0.3	21.8	9	224
1982	4	96	6		107	41	59.89	73	55.93	9/14/1982	11:30	0.3	21.8	8.8	224
1982	4	96	6		109	41	59.43	73	56.012	9/14/1982	11:50	0.3	21.9	9.2	224
1982	4	97	4		102	42	0.83	73	56.38	9/14/1982	10:40	0.3	21.6	9.3	225
1982	4	98	4		101	42	1.426	73	56.456	9/14/1982	10:10	0.3	21.6	8.3	225
1982	4	105	4		98	42	7.33	73	55.3	9/14/1982	9:30	0.3	21.6	8.4	220
1982	4	108	6		94	42	9.56	73	53.18	9/13/1982	16:20	0.3	24	10.5	214
1982	4	111	6		89					9/13/1982	16:40	0.3	24	10.5	214
1982	4	113	6		87	42	13.32	73	50.85	9/13/1982	15:18	0.3	23.1	9.3	218
1982	4	115	6		80	42	14.8	73	49.1	9/13/1982	14:50	0.3	24	9.8	219
1982	4	116	4		78					9/13/1982	14:30	0.3	23	8.3	219
1982	4	121	6		66	42	19.33	73	46.85	9/13/1982	14:00	0.3	23.8	9.3	205
1982	4	122	4		61	42	20.29	73	47.24	9/13/1982	13:25	0.3	23.3	9.2	207
1982	4	122	6		62	42	20.105	73	46.848	9/13/1982	13:40	0.3	23.5	9.5	211
1982	4	123	4		59					9/13/1982	13:00	0.3	23	8.6	208
1982	4	124	6		56	42	21.49	73	47.29	9/13/1982	12:45	0.3	23.1	9.1	208
1982	4	125	6		52	42	22.39	73	47.45	9/13/1982	12:30	0.3	22.7	8.8	210
1982	4	126	4		50	42	23.21	73	47.62	9/13/1982	12:15	0.3	22.5	8.3	210
1982	4	134	4		27	42	30.17	73	46.88	9/13/1982	11:20	0.3	23	7.4	214
1982	4	139	4		18	42	34.14	73	45.24	9/13/1982	10:50	0.3	22.5	7.3	200
1982	4	139	6		17	42	34.22	73	45.02	9/13/1982	10:25	0.3	22	6.5	202
1982	4	140	6		11					9/13/1982	9:55	0.3	21.9	6.8	195
1982	4	145	6		5	42	39.19	73	44.41	9/13/1982	8:55	0.3	21.5	7.4	198
1982	5	14	4		265					9/29/1982	10:20	0.3	19.8	7.5	16966
1982	5	18	4		260	40	56.889	73	55.1	9/29/1982	11:00	0.3	20	7.3	14427

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1982	5	18	6		261	40	56.27	73	54.17	9/29/1982	11:15	0.3	20	6.8	16601
1982	5	22	6		256	40	59.97	73	53.05	9/29/1982	11:55	0.3	20.1	6.7	16667
1982	5	23	6		254	41	1.086	73	52.681	9/29/1982	12:20	0.3	20.2	7	13690
1982	5	24	6		252	41	2.057	73	52.505	9/29/1982	12:55	0.3	20.2	8.1	14201
1982	5	25	4		250	41	2.86	73	55.07	9/27/1982	12:35	0.3	20.4	8	10707
1982	5	25	4		270	41	2.783	73	55.05	9/27/1982	12:50	0.3	21	8.2	10959
1982	5	25	4		284	41	2.57	73	54.94	9/27/1982	13:20	0.3	21.1	8.4	10959
1982	5	25	6		251	41	2.46	73	52.42	9/27/1982	13:50	0.3	21.2	9.3	11937
1982	5	26	4		271	41	3.77	73	55.22	9/27/1982	11:45	0.3	20.1	8.1	10861
1982	5	26	4		283	41	8.34	73	54.4	9/27/1982	12:15	0.3	20.3	8.3	10588
1982	5	26	4		283	41	8.34	73	54.4	9/29/1982	13:10	0.3	20	9.1	10454
1982	5	26	6		247	41	3.891	73	52.077	9/27/1982	14:45	0.3	21.2	8.9	10953
1982	5	26	6		248	41	3.273	73	52.221	9/27/1982	14:30	0.3	21.2	8.6	13828
1982	5	26	6		249	41	2.67	73	52.3	9/27/1982	14:15	0.3	21.3	9.2	12305
1982	5	27	4		245	41	4.19	73	55.21	9/27/1982	11:25	0.3	19.9	8.2	10750
1982	5	27	4		272	41	4.49	73	55.14	9/27/1982	10:50	0.3	20	8.2	10040
1982	5	28	6		243	41	5.683	73	52.214	9/27/1982	15:40	0.3	21.3	8.7	10489
1982	5	28	6		244	41	5.33	73	52.33	9/27/1982	15:00	0.3	21	8.8	11122
1982	5	29	4		242	41	6.1	73	54.88	9/28/1982	9:20	0.3	20.2	8	10900
1982	5	30	4		241	41	7.14	73	54.77	9/28/1982	9:45	0.3	20	7.8	8982
1982	5	31	4		285	41	3.607	73	55.196	9/28/1982	10:05	0.3	20.5	7.6	9036
1982	5	32	4		239	41	8.81	73	54.6	9/28/1982	10:35	0.3	20.7	7.5	9036
1982	5	32	4		240	41	8.48	73	54.42	9/28/1982	10:20	0.3	20.5	7.6	9307
1982	5	32	6		237	41	9.274	73	52.181	9/29/1982	14:20	0.3	20.5	8	10020
1982	5	32	6		238	41	8.85	73	52.123	9/29/1982	14:05	0.3	20.5	7.7	9862
1982	5	32	6		269	41	9.445	73	52.243	9/29/1982	14:40	0.3	20.5	7.7	9940
1982	5	33	6		236	41	9.79	73	52.202	9/29/1982	15:05	0.3	21	10.4	9823
1982	5	34	6		234	41	10.19	73	53.93	9/30/1982	10:45	0.3	20	6.9	10848
1982	5	34	6		235	41	10.632	73	52.59	9/30/1982	10:15	0.3	19.9	6.3	10516
1982	5	35	4		229	41	10.59	73	56.41	9/28/1982	11:20	0.3	21.3	7.1	8383
1982	5	35	4		230	41	10.59	73	56.39	9/28/1982	11:00	0.3	21.1	7.3	8665
1982	5	35	6		231	41	11.23	73	53.69	9/30/1982	11:35	0.3	20	7.8	9763
1982	5	35	6		274	41	11.17	73	53.71	9/30/1982	11:11	0.3	19.9	7	9208
1982	5	35	6		275	41	11.31	73	53.54	9/30/1982	11:50	0.3	20.1	7.5	9823
1982	5	36	4		282	41	11.2	73	57.17	9/28/1982	11:35	0.3	21	7	8500
1982	5	36	4		281	41	11.13	73	57.16	9/30/1982	12:40	0.3	20.1	7.6	9703
1982	5	36	6		276	41	12.17	73	53.51	9/30/1982	12:05	0.3	20	7.4	9747
1982	5	37	4		225	41	12.096	73	57.458	9/28/1982	11:50	0.3	21.2	7.2	8515
1982	5	38	4		223	41	12.89	73	57.806	9/28/1982	12:30	0.3	21.5	7.3	8594
1982	5	38	4		278	41	12.96	73	57.828	9/28/1982	12:50	0.3	21.3	7.3	8350
1982	5	38	4		280	41	13.4	73	57.81	9/28/1982	13:05	0.3	21.1	7.4	8483
1982	5	40	6		210	41	14.87	73	57.74	9/28/1982	15:05	0.3	21.4	7.2	8417
1982	5	40	6		212					9/28/1982	15:20	0.3	22	8.3	8679

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1982	5	41	6		208	41	15.72	73	50.84	9/28/1982	14:20	0.3	21.3	7.3	7540
1982	5	42	4		206	41	16.412	73	58.1	9/28/1982	14:10	0.3	21.5	7.6	7941
1982	5	43	6		202	41	17.12	73	55.98	9/28/1982	13:40	0.3	22.3	8.5	6445
1982	5	51	6		195	41	22.87	73	50.61	9/30/1982	12:35	0.3	20.1	8	5785
1982	5	52	6		193	41	24.12	73	57.31	9/30/1982	13:55	0.3	20.4	7.1	6315
1982	5	53	4		192	41	24.19	73	57.95	9/30/1982	14:37	0.3	20.7	7.3	5761
1982	5	54	6		190	41	24.961	73	57.702	9/30/1982	15:00	0.3	20.6	7.5	5176
1982	5	55	6		189	41	25.66	73	58.14	9/30/1982	12:00	0.3	20.2	7.7	4451
1982	5	56	4		188	41	26.47	73	59.66	9/30/1982	11:30	0.3	20.1	8.4	2789
1982	5	57	4		186	41	27.28	74	0.8	9/30/1982	10:50	0.3	18.7	8.5	1180
1982	5	58	4		183	41	28.02	74	0.87	9/30/1982	9:50	0.3	20.6	7.1	2082
1982	5	58	4		184	41	27.78	74	0.7	9/30/1982	10:20	0.3	19.3	8.1	1677
1982	5	59	6		179	41	29.24	73	59.34	9/30/1982	8:45	0.3	20.2	6.3	2315
1982	5	59	6		180	41	29.08	73	59.37	9/30/1982	9:00	0.3	20	6.4	2174
1982	5	63	4		166					9/29/1982	17:15	0.3	21.2	8.2	911
1982	5	65	4		162	41	33.99	73	58.39	9/29/1982	16:40	0.3	22	7.6	423
1982	5	69	6		156	41	37.03	73	56.88	9/29/1982	15:55	0.3	20.3	7.8	269
1982	5	69	6		157	41	36.97	73	56.85	9/29/1982	16:10	0.3	20.6	7.7	254
1982	5	76	6		145					9/29/1982	13:20	0.3	19.5	7.6	231
1982	5	77	6		141	41	44.46	73	56.21	9/29/1982	12:35	0.3	19.9	8	237
1982	5	77	6		142	41	43.92	73	56.14	9/29/1982	13:00	0.3	19.9	8.4	230
1982	5	81	4		135	41	47.474	73	57.457	9/29/1982	11:56	0.3	19.5	8.4	234
1982	5	85	4		128					9/29/1982	10:35	0.3	18.4	8.8	238
1982	5	85	6		127	41	51.18	73	56.5	9/29/1982	11:13	0.3	19.1	8.2	232
1982	5	86	4		126	41	51.44	73	56.97	9/29/1982	10:00	0.3	18.2	8.9	238
1982	5	87	4		123	41	52.616	73	57.292	9/29/1982	9:15	0.3	18.2	8.7	233
1982	5	90	6		120	41	54.02	73	57.2	9/28/1982	17:05	0.3	20	8.3	229
1982	5	91	6		119	41	55.847	73	56.774	9/29/1982	8:40	0.3	18.2	7.9	228
1982	5	92	4		118	41	56.32	73	58.1	9/28/1982	16:40	0.3	20	9.4	263
1982	5	94	4		115	41	57.78	73	57.47	9/28/1982	15:00	0.3	19.9	8.9	233
1982	5	94	6		114	41	58.085	73	56.467	9/28/1982	14:30	0.3	21	9.5	228
1982	5	95	4		111	41	59.083	73	57.079	9/28/1982	12:50	0.3	20	9.6	228
1982	5	96	4		108	41	59.76	73	56.81	9/28/1982	12:30	0.3	19.7	8.9	228
1982	5	96	6		106	42	59.99	73	55.94	9/28/1982	13:45	0.3	19.9	9.2	233
1982	5	97	4		102	42	0.83	73	56.38	9/28/1982	11:38	0.3	19	9	230
1982	5	97	4		103	42	0.5	73	56.51	9/28/1982	12:08	0.3	19.3	8.3	227
1982	5	97	6		104	42	0.26	73	55.792	9/28/1982	13:19	0.3	19.8	9.2	228
1982	5	98	4		100	42	1.67	73	56.54	9/28/1982	11:19	0.3	18.8	9	223
1982	5	107	4		95	42	8.94	73	54.32	9/28/1982	10:45	0.3	19	8.8	218
1982	5	109	6		93	42	9.91	73	52.81	9/28/1982	10:15	0.3	18.6	8.7	218
1982	5	111	6		89					9/28/1982	9:20	0.3	18.9	8.7	218
1982	5	112	4		88	42	12.69	73	51.26	9/27/1982	17:05	0.3	19.1	8.6	216
1982	5	116	4		78					9/27/1982	16:30	0.3	19.1	8.5	215

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1982	5	118	4		75	42	16.12	73	47.49	9/27/1982	16:10	0.3	19.5	8.8	216
1982	5	119	6		69	42	17.29	73	46.78	9/27/1982	15:30	0.3	19	9.3	216
1982	5	119	6		71	42	17.16	73	46.8	9/27/1982	15:42	0.3	19.1	9.4	216
1982	5	121	4		68	42	18.53	73	47.1	9/27/1982	15:10	0.3	19.5	9.2	218
1982	5	122	4		63	42	19.84	73	47.18	9/27/1982	14:45	0.3	19.1	9.1	219
1982	5	126	4		48	42	23.65	73	47.38	9/27/1982	13:52	0.3	19	8.2	224
1982	5	128	4		44	42	25	73	46.99	9/27/1982	13:30	0.3	18.9	7.7	227
1982	5	129	6		39	42	25.879	73	46.76	9/27/1982	12:58	0.3	18.8	7.8	227
1982	5	129	6		42	42	25.226	73	46.523	9/27/1982	13:17	0.3	18.8	8.3	227
1982	5	134	4		27	42	30.17	73	46.88	9/27/1982	12:16	0.3	18.8	7.1	214
1982	5	135	4		25	42	31.16	73	46.06	9/27/1982	11:33	0.3	18.7	7.6	208
1982	5	135	4		26	42	30.91	73	46.27	9/27/1982	11:50	0.3	18.9	7.6	209
1982	6	14	4		265					10/13/1982	11:00	0.3	18	4.9	24575
1982	6	15	4		263	40	54.252	73	55.961	10/13/1982	11:45	0.3	18.2	5.5	22296
1982	6	15	4		264	40	53.57	73	56.32	10/13/1982	11:20	0.3	18	5.7	23629
1982	6	18	6		261	40	56.27	73	54.17	10/13/1982	12:15	0.3	18	5.7	21388
1982	6	23	6		254	41	1.086	73	52.681	10/13/1982	12:40	0.3	18	6.7	18904
1982	6	24	6		252	41	2.057	73	52.505	10/13/1982	13:10	0.3	17.7	7.3	16698
1982	6	25	4		250	41	2.86	73	55.07	10/11/1982	11:40	0.3	17.2	8.2	15438
1982	6	25	4		270	41	2.783	73	55.05	10/11/1982	11:11	0.3	17.2	8.2	16019
1982	6	25	4		284	41	2.57	73	54.94	10/11/1982	10:45	0.3	16.5	7.6	16279
1982	6	25	6		251	41	2.46	73	52.42	10/11/1982	13:15	0.3	18.8	7.1	16436
1982	6	26	4		271	41	3.77	73	55.22	10/11/1982	12:30	0.3	18	8.3	15842
1982	6	26	4		283	41	8.34	73	54.4	10/11/1982	12:05	0.3	17.6	8.1	14677
1982	6	26	6		247	41	3.891	73	52.077	10/11/1982	14:10	0.3	18.8	8	15753
1982	6	26	6		248	41	3.273	73	52.221	10/11/1982	13:50	0.3	18.5	7.9	16699
1982	6	26	6		249	41	2.67	73	52.3	10/11/1982	13:30	0.3	18.8	7.1	17224
1982	6	26	6		249	41	2.67	73	52.3	10/13/1982	13:35	0.3	17	7.1	17045
1982	6	27	4		245	41	4.19	73	55.21	10/11/1982	12:50	0.3	18.2	8.3	14706
1982	6	27	4		272	41	4.49	73	55.14	10/11/1982	10:10	0.3	17.1	8.7	14706
1982	6	28	6		243	41	5.683	73	52.214	10/11/1982	15:00	0.3	19	8.3	13572
1982	6	28	6		244	41	5.33	73	52.33	10/11/1982	14:35	0.3	17	8.3	13972
1982	6	29	4		242	41	6.1	73	54.88	10/11/1982	15:30	0.3	19	8.5	13255
1982	6	30	4		241	41	7.14	73	54.77	10/12/1982	9:40	0.3	18	7.7	14257
1982	6	31	4		285	41	3.607	73	55.196	10/12/1982	10:00	0.3	18	7.7	13168
1982	6	32	4		239	41	8.81	73	54.6	10/12/1982	10:30	0.3	18.2	8.2	12550
1982	6	32	4		240	41	8.48	73	54.42	10/12/1982	10:15	0.3	18.1	7.6	13121
1982	6	32	6		237	41	9.274	73	52.181	10/13/1982	14:30	0.3	17.8	8.2	12046
1982	6	32	6		238	41	8.85	73	52.123	10/13/1982	14:10	0.3	17.9	7.8	12500
1982	6	32	6		269	41	9.445	73	52.243	10/13/1982	14:45	0.3	17.6	9.2	11877
1982	6	33	6		236	41	9.79	73	52.202	10/13/1982	15:10	0.3	17.8	10.2	11942
1982	6	34	6		234	41	10.19	73	53.93	10/12/1982	16:00	0.3	18	8.5	11824
1982	6	35	4		229	41	10.59	73	56.41	10/12/1982	10:55	0.3	18.5	7.7	10573

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1982	6	35	4		274	41	11.17	73	53.71	10/12/1982	15:30	0.3	17.5	9.8	11771
1982	6	35	4		277	41	10.95	73	57.06	10/12/1982	11:11	0.3	18.6	7.7	10537
1982	6	35	6		231	41	11.23	73	53.69	10/12/1982	15:05	0.3	17.8	11.2	11647
1982	6	36	4		226	41	11.8	73	57.5	10/12/1982	11:25	0.3	18.2	7.5	10537
1982	6	36	6		228	41	12.25	73	53.5	10/12/1982	14:25	0.3	17.9	9.8	11500
1982	6	36	6		276	41	12.17	73	53.51	10/12/1982	14:45	0.3	18	8.9	11569
1982	6	37	4		224					10/12/1982	12:10	0.3	18.8	8.1	10657
1982	6	37	4		225	41	12.096	73	57.458	10/12/1982	11:50	0.3	18.6	7.6	10693
1982	6	38	4		221	41	13.43	73	57.79	10/12/1982	13:05	0.3	18.5	7.6	10678
1982	6	38	4		278	41	12.96	73	57.828	10/12/1982	12:30	0.3	18.8	8.1	10139
1982	6	38	4		279	41	13.36	73	57.82	10/12/1982	12:45	0.3	18.8	7.6	10279
1982	6	38	6		220					10/12/1982	13:55	0.3	18.1	8.3	11111
1982	6	39	4		216	41	13.48	73	57.84	10/12/1982	13:30	0.3	18	7.4	10516
1982	6	40	6		212					10/14/1982	12:25	0.3	19	7.8	10193
1982	6	41	6		208	41	15.72	73	50.84	10/14/1982	12:45	0.3	19.2	7.1	9453
1982	6	43	6		204	41	16.693	73	56.484	10/14/1982	13:15	0.3	19.1	7.7	8244
1982	6	46	4		198	41	19.7	73	59	10/14/1982	14:05	0.3	19.1	7.1	8036
1982	6	48	4		197	41	20.86	73	58.08	10/14/1982	14:15	0.3	19.4	8	7369
1982	6	52	6		194	41	24.12	73	56.81	10/14/1982	13:40	0.3	19.2	7.8	6056
1982	6	53	4		192	41	24.19	73	57.95	10/14/1982	13:17	0.3	19.1	7.9	5890
1982	6	54	6		190	41	24.961	73	57.702	10/14/1982	12:25	0.3	19.2	7.5	5567
1982	6	55	6		189	41	25.66	73	58.14	10/14/1982	12:05	0.3	19	7.9	4427
1982	6	56	4		187	41	26.83	74	0.5	10/14/1982	11:37	0.3	18.8	8.2	3131
1982	6	57	4		185	41	27.68	74	0.73	10/14/1982	11:05	0.3	18.8	8.2	3141
1982	6	59	6		179	41	29.24	73	59.34	10/14/1982	9:40	0.3	18	7	3080
1982	6	59	6		181	41	29.04	73	59.33	10/14/1982	10:10	0.3	18.9	7	3228
1982	6	60	6		177	41	29.52	73	59.24	10/14/1982	9:20	0.3	18	7.4	3113
1982	6	61	6		175	41	30.57	73	59.13	10/14/1982	8:40	0.3	19.6	8.6	188
1982	6	64	4		163	41	33.48	73	59.05	10/13/1982	15:55	0.3	19.8	7.8	197
1982	6	69	4		155	41	37.44	73	57.43	10/13/1982	15:00	0.3	19	7.4	843
1982	6	69	6		157	41	36.97	73	56.85	10/13/1982	15:30	0.3	19.1	7.4	1069
1982	6	71	4		153	41	39.06	73	57.257	10/13/1982	14:30	0.3	18.8	7.5	485
1982	6	76	6		145					10/13/1982	12:30	0.3	18.7	7.6	309
1982	6	77	6		140	41	44.56	73	56.17	10/13/1982	11:20	0.3	18.7	7.4	287
1982	6	77	6		141	41	44.46	73	56.21	10/13/1982	11:40	0.3	18.7	7.5	275
1982	6	77	6		143	41	43.83	73	56.16	10/13/1982	12:00	0.3	18.6	7.6	317
1982	6	81	4		135	41	47.474	73	57.457	10/13/1982	10:40	0.3	18	8.2	242
1982	6	85	6		127	41	51.18	73	56.5	10/13/1982	9:30	0.3	17.8	8.2	247
1982	6	86	4		124	41	51.95	73	56.84	10/12/1982	15:25	0.3	16.9	10.2	239
1982	6	86	4		126	41	51.44	73	56.97	10/12/1982	16:30	0.3	16.9	9.8	237
1982	6	87	4		123	41	52.616	73	57.292	10/12/1982	14:45	0.3	17	9.3	237
1982	6	89	6		121	41	53.84	73	57.04	10/12/1982	14:20	0.3	17.6	8.9	239
1982	6	92	4		118	41	56.32	73	58.1	10/12/1982	13:15	0.3	17.1	9.3	238

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1982	6	94	4		115	41	57.78	73	57.47	10/12/1982	12:50	0.3	17.2	9	238
1982	6	95	6		112	41	58.238	73	56.123	10/12/1982	12:28	0.3	17.3	9.1	234
1982	6	96	4		110	41	59.4	73	56.94	10/12/1982	12:10	0.3	17.1	9.5	227
1982	6	96	6		106	42	59.99	73	55.94	10/12/1982	11:00	0.3	17.3	8.9	227
1982	6	96	6		109	41	59.43	73	56.012	10/12/1982	11:25	0.3	17.1	9.2	229
1982	6	97	4		102	42	0.83	73	56.38	10/12/1982	10:27	0.3	17	9.3	227
1982	6	97	4		103	42	0.5	73	56.51	10/12/1982	11:50	0.3	17.1	9.3	229
1982	6	98	4		100	42	1.67	73	56.54	10/12/1982	10:10	0.3	17	9.2	225
1982	6	106	4		96	42	8.147	73	54.796	10/12/1982	9:21	0.3	17.2	9.2	227
1982	6	107	4		95	42	8.94	73	54.32	10/11/1982	15:15	0.3	17.9	10	223
1982	6	112	4		88	42	12.69	73	51.26	10/11/1982	16:30	0.3	18.4	10.2	226
1982	6	116	6		77	42	15.02	73	48.31	10/11/1982	15:55	0.3	18	10	223
1982	6	118	6		75	42	16.12	73	47.49	10/11/1982	15:25	0.3	18.6	9.7	221
1982	6	119	6		69	42	17.29	73	46.78	10/11/1982	14:55	0.3	18.2	10.8	220
1982	6	121	4		68	42	18.53	73	47.1	10/11/1982	14:30	0.3	18.3	10	220
1982	6	121	6		67	42	18.82	73	46.89	10/11/1982	14:10	0.3	18.1	9.6	218
1982	6	122	4		63	42	19.84	73	47.18	10/11/1982	13:55	0.3	18.3	9.6	217
1982	6	123	4		59					10/11/1982	13:25	0.3	19	10.6	216
1982	6	124	6		56	42	21.49	73	47.29	10/11/1982	13:05	0.3	18.3	10.2	215
1982	6	125	4		51	42	22.87	73	47.8	10/11/1982	12:20	0.3	18	9.6	211
1982	6	125	4		53	42	22.27	73	47.62	10/11/1982	12:35	0.3	17.5	9.8	213
1982	6	129	6		42	42	25.226	73	46.523	10/11/1982	11:50	0.3	17.9	9.1	213
1982	6	132	4		32	42	28.13	73	47.21	10/11/1982	11:25	0.3	18	7.3	213
1982	6	139	4		18	42	34.14	73	45.24	10/11/1982	10:50	0.3	17.6	7.5	205
1982	6	140	4		13	42	34.59	73	45.25	10/11/1982	10:19	0.3	17.3	7.7	204
1982	6	145	6		5	42	39.19	73	44.41	10/11/1982	9:42	0.3	16.8	8.4	202
1983	1	13	4		267					8/2/1983	9:20	0.3	25.5	6.2	19500
1983	1	16	4		262	40	54.9	73	55.7	8/2/1983	9:55	0.3	25.5	5.8	18900
1983	1	19	6		259	40	57.735	73	53.561	8/2/1983	10:35	0.3	25.5	7.2	15700
1983	1	22	4		256	40	59.97	73	53.05	8/2/1983	11:35	0.3	26.1	6.6	16000
1983	1	23	6		255	41	0.74	73	52.83	8/2/1983	12:00	0.3	26.7	8.2	12000
1983	1	24	6		252	41	2.057	73	52.505	8/2/1983	12:55	0.3	26.7	8.2	12900
1983	1	24	6		253	41	1.169	73	52.711	8/2/1983	12:25	0.3	27	8	11000
1983	1	25	4		250	41	2.86	73	55.07	8/4/1983	11:58	0.3	27	8	13100
1983	1	25	4		270	41	2.783	73	55.05	8/4/1983	11:38	0.3	26.9	8.2	12900
1983	1	25	4		284	41	2.57	73	54.94	8/4/1983	11:02	0.3	27.1	8.1	13200
1983	1	25	6		251	41	2.46	73	52.42	8/2/1983	14:00	0.3	26.5	8.2	12500
1983	1	26	4		246	41	3.6	73	55.2	8/4/1983	13:00	0.3	26.2	8.2	12900
1983	1	26	4		271	41	3.77	73	55.22	8/4/1983	13:22	0.3	27.1	7.9	13000
1983	1	26	4		283	41	8.34	73	54.4	8/4/1983	12:40	0.3	26.5	7.9	12800
1983	1	26	6		247	41	3.891	73	52.077	8/3/1983	9:40	0.3	26.4	7.9	12600
1983	1	26	6		248	41	3.273	73	52.221	8/3/1983	9:20	0.3	26.1		12800
1983	1	26	6		249	41	2.67	73	52.3	8/3/1983	8:55	0.3	25.5	6.5	12800

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1983	1	28	4		272	41	4.49	73	55.14	8/4/1983	13:53	0.3	26.8	8.2	12500
1983	1	28	6		243	41	5.683	73	52.214	8/3/1983	11:00	0.3	26	8.4	14200
1983	1	28	6		244	41	5.33	73	52.33	8/3/1983	10:40	0.3	27.1	8.2	11500
1983	1	29	6		242	41	6.1	73	54.88	8/2/1983	14:46	0.3	27.1	7.9	12200
1983	1	30	6		241	41	7.14	73	54.77	8/2/1983	15:00	0.3	27.3		12000
1983	1	31	4		285	41	3.607	73	55.196	8/3/1983	11:30	0.3	27.9	8.1	12500
1983	1	32	4		239	41	8.81	73	54.6	8/3/1983	12:20	0.3	28.1	7.9	9500
1983	1	32	4		240	41	8.48	73	54.42	8/3/1983	11:55	0.3	28.2	7.6	9500
1983	1	32	6		237	41	9.274	73	52.181	8/3/1983	13:00	0.3	28.4	11.2	10900
1983	1	32	6		238	41	8.85	73	52.123	8/3/1983	12:40	0.3	27.6	11.1	10500
1983	1	32	6		269	41	9.445	73	52.243	8/3/1983	13:30	0.3	28.9	12.1	10900
1983	1	33	6		236	41	9.79	73	52.202	8/3/1983	14:00	0.3	30.1	12.2	9900
1983	1	34	6		233	41	10.662	73	53.922	8/1/1983	8:40	0.3	26.5	7.5	10000
1983	1	34	6		234	41	10.19	73	53.93	8/1/1983	8:24	0.3	26.5	7.8	9800
1983	1	35	4		229	41	10.59	73	56.41	8/1/1983	10:55	0.3	28.1	7.2	9600
1983	1	35	6		231	41	11.23	73	53.69	8/1/1983	9:15	0.3	27	8.2	9500
1983	1	35	6		275	41	11.31	73	53.54	8/1/1983	9:55	0.3	27.9	8.1	9900
1983	1	36	4		226	41	11.8	73	57.5	8/1/1983	12:40	0.3	28	6.9	9100
1983	1	36	4		227	41	11.02	73	57.41	8/1/1983	11:20	0.3	28.2	7	9400
1983	1	36	4		281	41	11.13	73	57.16	8/1/1983	11:50	0.3	28.8	8	9800
1983	1	36	4		282	41	11.2	73	57.17	8/1/1983	12:15	0.3	28.8	7.8	10000
1983	1	37	4		225	41	12.096	73	57.458	8/1/1983	13:20	0.3	29.1	7.5	9100
1983	1	37	4		278	41	12.96	73	57.828	8/4/1983	8:10	0.3	27	6.9	9500
1983	1	38	4		222	41	12.979	73	57.867	8/4/1983	8:55	0.3	27.1	6.8	9100
1983	1	38	4		279	41	13.36	73	57.82	8/4/1983	8:30	0.3	27.1	6.9	9500
1983	1	38	6		220					8/4/1983	9:17	0.3	27.1	7.4	9500
1983	1	40	4		214	41	14.31	73	58.5	8/4/1983	10:20	0.3	27.4	7.1	10500
1983	1	40	6		212					8/4/1983	9:45	0.3	27	6.9	11500
1983	1	42	6		206	41	16.412	73	58.1	8/4/1983	10:50	0.3	27.9	6.7	10700
1983	1	43	6		202	41	17.12	73	55.98	8/4/1983	12:00	0.3	27.4	7.4	9800
1983	1	43	6		205	41	16.413	73	56.551	8/4/1983	11:20	0.3	27	6.6	11500
1983	1	49	4		196	41	21.16	73	57.74	8/4/1983	12:00	0.3	26.9	6.1	3810
1983	1	51	6		195	41	22.87	73	50.61	8/4/1983	11:14	0.3	26.7	6.9	3730
1983	1	53	4		192	41	24.19	73	57.95	8/4/1983	10:45	0.3	26.6	6.3	3100
1983	1	54	6		190	41	24.961	73	57.702	8/4/1983	10:20	0.3	26.7	6.3	3010
1983	1	55	6		189	41	25.66	73	58.14	8/4/1983	9:45	0.3	26.6	6.4	2930
1983	1	56	4		188	41	26.47	73	59.66	8/3/1983	15:10	0.3	31	6.8	990
1983	1	58	4		183	41	28.02	74	0.87	8/3/1983	14:50	0.3	30.2	7.1	956
1983	1	58	6		182	41	28.2	73	59.12	8/3/1983	14:10	0.3	30	6.9	900
1983	1	59	6		178	41	29.25	73	59.32	8/3/1983	13:24	0.3	29.5	6.8	1100
1983	1	59	6		181	41	29.04	73	59.33	8/3/1983	13:45	0.3	30.5	7	1200
1983	1	60	6		177	41	29.52	73	59.24	8/3/1983	13:05	0.3	29	7.1	1090
1983	1	62	6		172	41	31.54	73	58.97	8/3/1983	12:31	0.3	29	6.9	590

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1983	1	63	4		164	41	33.37	73	59.18	8/3/1983	11:30	0.3	29	6.8	410
1983	1	63	6		168	41	32.3	73	58.633	8/3/1983	11:50	0.3	30	6.9	550
1983	1	66	4		160	41	34.777	73	57.753	8/3/1983	8:05	0.3	27	6.7	380
1983	1	69	6		156	41	37.03	73	56.88	8/3/1983	8:36	0.3	28	7.2	380
1983	1	77	6		140	41	44.56	73	56.17	8/3/1983	14:10	0.3	27.2	8.2	224
1983	1	77	6		141	41	44.46	73	56.21	8/3/1983	14:40	0.3	27.8	8.1	225
1983	1	80	6		137	41	46.14	73	56.82	8/3/1983	13:35	0.3	28.1	7.7	215
1983	1	82	4		134	41	48.51	73	57.22	8/3/1983	12:55	0.3	26.4	8.7	216
1983	1	85	6		127	41	51.18	73	56.5	8/3/1983	11:40	0.3	26.3	8.4	222
1983	1	86	4		124	41	51.95	73	56.84	8/3/1983	10:50	0.3	26.6	10.3	213
1983	1	87	4		123	41	52.616	73	57.292	8/3/1983	10:15	0.3	26.9	11.7	204
1983	1	89	6		121	41	53.84	73	57.04	8/3/1983	9:45	0.3	26	9	222
1983	1	92	4		118	41	56.32	73	58.1	8/2/1983	16:49	0.3	26.5	10.3	229
1983	1	93	6		117	41	57.036	73	56.721	8/3/1983	9:02	0.3	25.9	9.2	224
1983	1	94	4		113	41	58.38	73	57.25	8/2/1983	15:45	0.3	27.3	11.6	228
1983	1	94	4		115	41	57.78	73	57.47	8/2/1983	16:10	0.3	27.5	11	228
1983	1	94	6		114	41	58.085	73	56.467	8/2/1983	15:05	0.3	26.5	10.5	233
1983	1	96	4		105	42	0.22	73	56.65	8/2/1983	13:56	0.3	28.9	11.4	226
1983	1	96	4		110	41	59.4	73	56.94	8/2/1983	14:32	0.3	27	10.5	233
1983	1	97	4		103	42	0.5	73	56.51	8/2/1983	13:30	0.3	27.4	10.7	230
1983	1	97	6		104	42	0.26	73	55.792	8/2/1983	13:02	0.3	27.5	12.1	221
1983	1	99	6		99	42	2.02	73	55.73	8/2/1983	12:03	0.3	26.8	9.9	233
1983	1	105	4		97	42	7.68	73	55.13	8/2/1983	11:22	0.3	27.8	11	236
1983	1	107	4		95	42	8.94	73	54.32	8/2/1983	10:48	0.3	27.1	10.3	236
1983	1	108	6		94	42	9.56	73	53.18	8/2/1983	10:30	0.3	26.8	9	237
1983	1	109	6		92	42	10.27	73	52.32	8/2/1983	10:06	0.3	26.5	8	245
1983	1	114	4		82	42	14.31	73	50.58	8/2/1983	9:30	0.3	27.1	8.9	236
1983	1	114	6		85	42	13.54	73	50.75	8/2/1983	9:09	0.3	26.5	9.3	235
1983	1	116	4		79	42	14.8	73	49	8/1/1983	17:30	0.3	27.8	9.4	236
1983	1	117	4		76	42	15.84	73	47.69	8/1/1983	17:00	0.3	28.1	8.9	233
1983	1	119	4		72	42	16.82	73	47.28	8/1/1983	16:40	0.3	28	8.5	234
1983	1	119	6		69	42	17.29	73	46.78	8/1/1983	16:10	0.3	28.7	8.9	233
1983	1	122	6		62	42	20.105	73	46.848	8/1/1983	15:48	0.3	28.4	8.8	224
1983	1	125	6		54	42	22.034	73	47.302	8/1/1983	15:26	0.3	27.8	8	233
1983	1	129	6		42	42	25.226	73	46.523	8/1/1983	12:58	0.3	26.9	7.1	238
1983	1	132	6		31	42	28.65	73	47.09	8/1/1983	12:21	0.3	26.9	7.3	253
1983	1	138	4		23	42	33.14	73	45.46	8/1/1983	11:32	0.3	27.4	7.1	239
1983	1	139	4		15	42	34.32	73	45.25	8/1/1983	10:25	0.3	26.9	6.9	236
1983	1	139	4		16	42	34.31	73	45.21	8/1/1983	10:50	0.3	27	7	229
1983	1	143	6		7	42	37.48	73	45.14	8/1/1983	9:36	0.3	26.8	6.4	234
1983	2	13	4		267					8/17/1983	12:40	0.3	27.1	7.7	17300
1983	2	18	6		261	40	56.27	73	54.17	8/17/1983	11:40	0.3	26.5	8.2	17100
1983	2	19	6		259	40	57.735	73	53.561	8/17/1983	11:05	0.3	26.8	8.1	14600

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1983	2	21	6		257	40	59.13	73	53.13	8/17/1983	10:28	0.3	26.2	8.1	15900
1983	2	23	6		255	41	0.74	73	52.83	8/17/1983	10:05	0.3	25.7	7.9	14100
1983	2	24	6		252	41	2.057	73	52.505	8/16/1983	14:18	0.3	27.6	7.2	13800
1983	2	24	6		253	41	1.169	73	52.711	8/16/1983	14:26	0.3	27.2	7.9	15100
1983	2	25	4		250	41	2.86	73	55.07	8/18/1983	8:50	0.3	24.7	7.9	11900
1983	2	25	4		270	41	2.783	73	55.05	8/18/1983	8:38	0.3	24.8	8.1	11500
1983	2	25	4		284	41	2.57	73	54.94	8/18/1983	8:20	0.3	24	7.9	11500
1983	2	25	6		251	41	2.46	73	52.42	8/16/1983	13:55	0.3	27.6	7.2	14600
1983	2	26	4		246	41	3.6	73	55.2	8/18/1983	9:20	0.3	24.1	8	11800
1983	2	26	4		271	41	3.77	73	55.22	8/18/1983	9:45	0.3	25.2	7.9	11800
1983	2	26	4		283	41	8.34	73	54.4	8/18/1983	9:00	0.3	24	7.8	12000
1983	2	26	6		247	41	3.891	73	52.077	8/16/1983	13:10	0.3	27.2	7.3	17000
1983	2	26	6		248	41	3.273	73	52.221	8/16/1983	13:30	0.3	27.6	7.2	14600
1983	2	26	6		249	41	2.67	73	52.3	8/16/1983	13:43	0.3	28.6	7.4	14800
1983	2	28	4		272	41	4.49	73	55.14	8/18/1983	10:20	0.3	25.2	8.3	11600
1983	2	28	6		243	41	5.683	73	52.214	8/16/1983	11:40	0.3	26.1	8.1	16100
1983	2	28	6		244	41	5.33	73	52.33	8/16/1983	11:56	0.3	26.1	7.8	16400
1983	2	29	4		242	41	6.1	73	54.88	8/16/1983	11:08	0.3	23.5	8.1	15800
1983	2	31	4		241	41	7.14	73	54.77	8/16/1983	10:33	0.3	26.2	7	12200
1983	2	31	4		285	41	3.607	73	55.196	8/16/1983	10:15	0.3	25.6	7	12100
1983	2	32	4		239	41	8.81	73	54.6	8/16/1983	9:45	0.3	25.1	7	11900
1983	2	32	4		240	41	8.48	73	54.42	8/16/1983	10:03	0.3	26.2	7.1	12800
1983	2	32	6		172	41	31.54	73	58.97	8/16/1983	9:05	0.3	23.8	7.1	10800
1983	2	32	6		237	41	9.274	73	52.181	8/16/1983	8:45	0.3	23.1	7.2	11100
1983	2	32	6		269	41	9.445	73	52.243	8/16/1983	8:40	0.3	23	7.1	11000
1983	2	33	6		236	41	9.79	73	52.202	8/16/1983	8:20	0.3	22.2	7.3	10900
1983	2	35	4		230	41	10.59	73	56.39	8/15/1983	13:15	0.3	27.2	7.2	8650
1983	2	35	4		277	41	10.95	73	57.06	8/15/1983	12:50	0.3	27.5	11.3	8600
1983	2	35	6		231	41	11.23	73	53.69	8/15/1983	14:30	0.3	27.1	12.1	8210
1983	2	35	6		232	41	11.172	73	53.996	8/15/1983	13:50	0.3	27.4	7.1	8210
1983	2	35	6		274	41	11.17	73	53.71	8/15/1983	14:15	0.3	31	7.2	8650
1983	2	35	6		275	41	11.31	73	53.54	8/15/1983	14:50	0.3	27.8	12.1	8750
1983	2	36	4		226	41	11.8	73	57.5	8/15/1983	12:00	0.3	27	6.6	8450
1983	2	36	4		227	41	11.02	73	57.41	8/15/1983	12:40	0.3	27.7	7.4	8550
1983	2	36	4		282	41	11.2	73	57.17	8/15/1983	12:25	0.3	27.2	7.1	8650
1983	2	38	4		221	41	13.43	73	57.79	8/15/1983	10:50	0.3	21.5	7.1	8300
1983	2	38	4		222	41	12.979	73	57.867	8/15/1983	10:40	0.3	27	6.3	8250
1983	2	38	4		278	41	12.96	73	57.828	8/15/1983	11:30	0.3	27.2	6.2	8250
1983	2	38	4		279	41	13.36	73	57.82	8/15/1983	11:10	0.3	27.2	6.3	8300
1983	2	38	6		220					8/15/1983	9:15	0.3	21.1	7.7	12500
1983	2	39	4		216	41	13.48	73	57.84	8/15/1983	9:50	0.3	22	8	8900
1983	2	39	6		218	41	14.02	73	56.4	8/15/1983	9:00	0.3	19	6.2	12100
1983	2	40	6		211	41	14.88	73	57.6	8/15/1983	8:30	0.3	18.3	7.1	13200

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1983	2	42	6		207	41	15.3	73	57.8	8/18/1983	11:50	0.3	29.2	7.2	7100
1983	2	43	6		202	41	17.12	73	55.98	8/18/1983	12:18	0.3	28.6	7	7100
1983	2	49	4		196	41	21.16	73	57.74	8/18/1983	11:21	0.3	26.9	4.9	3140
1983	2	51	6		195	41	22.87	73	50.61	8/18/1983	10:42	0.3	25.6	5.1	3130
1983	2	53	4		192	41	24.19	73	57:95	8/18/1983	10:02	0.3	25.8	6.1	3060
1983	2	53	6		194	41	24.12	73	56.81	8/18/1983	10:16	0.3	25.9	9.1	2900
1983	2	54	6		190	41	24.961	73	57.702	8/18/1983	9:42	0.3	25.6	6.7	2300
1983	2	56	4		187	41	26.83	74	0.5	8/18/1983	9:10	0.3	25.8	6.4	1275
1983	2	57	4		185	41	27.68	74	0.73	8/17/1983	15:15	0.3	30	13.1	1053
1983	2	59	6		179	41	29.24	73	59.34	8/17/1983	14:15	0.3	28	6	1025
1983	2	59	6		180	41	29.08	73	59.37	8/17/1983	14:35	0.3	28.7	7.4	1038
1983	2	59	6		181	41	29.04	73	59.33	8/17/1983	14:55	0.3	29	8	1055
1983	2	61	4		174	41	31.15	74	0.37	8/17/1983	15:50	0.3	28.1	7.4	516
1983	2	63	4		166					8/17/1983	13:11	0.3	27.6	7.9	464
1983	2	63	6		167	41	32.41	73	58.61	8/17/1983	13:38	0.3	27.7	10	637
1983	2	69	6		156	41	37.03	73	56.88	8/17/1983	12:42	0.3	27	5.9	265
1983	2	71	4		154	41	38.88	73	57.23	8/17/1983	12:05	0.3	27.5	5.5	237
1983	2	74	4		147	41	41.29	73	56.8	8/17/1983	11:38	0.3	27	6	234
1983	2	77	6		141	41	44.46	73	56.21	8/17/1983	11:05	0.3	27	6.6	237
1983	2	78	6		138	41	45.18	73	56.22	8/17/1983	10:15	0.3	25.5	6.1	233
1983	2	82	4		134	41	48.51	73	57.22	8/17/1983	9:45	0.3	25.2	5.6	236
1983	2	83	4		131	41	49.33	73	57.31	8/16/1983	16:00	0.3	26.3	8.6	236
1983	2	85	4		128					8/17/1983	9:20	0.3	24	7	314
1983	2	86	4		126	41	51.44	73	56.97	8/16/1983	15:24	0.3	27.1	11	226
1983	2	89	6		121	41	53.84	73	57.04	8/16/1983	16:35	0.3	26.2	7.7	236
1983	2	90	6		120	41	54.02	73	57.2	8/16/1983	14:30	0.3	26.7	7.9	235
1983	2	92	4		118	41	56.32	73	58.1	8/16/1983	13:41	0.3	26.8	9.5	240
1983	2	93	6		117	41	57.036	73	56.721	8/16/1983	13:10	0.3	25.3	6.7	238
1983	2	94	4		113	41	58.38	73	57.25	8/16/1983	12:14	0.3	26.2	7.5	230
1983	2	95	6		112	41	58.238	73	56.123	8/16/1983	12:40	0.3	26.7	8.6	231
1983	2	96	4		108	41	59.76	73	56.81	8/16/1983	11:29	0.3	25.4	7.6	234
1983	2	96	4		110	41	59.4	73	56.94	8/16/1983	11:50	0.3	25.8	8.4	233
1983	2	96	6		106	42	59.99	73	55.94	8/16/1983	10:35	0.3	24.9	8.3	236
1983	2	96	6		109	41	59.43	73	56.012	8/16/1983	11:00	0.3	25.6	8.2	236
1983	2	98	4		100	42	1.67	73	56.54	8/16/1983	10:10	0.3	24.9	8.3	236
1983	2	105	4		97	42	7.68	73	55.13	8/16/1983	9:10	0.3	24.7	7.5	230
1983	2	105	4		98	42	7.33	73	55.3	8/16/1983	9:30	0.3	24.8	7.7	231
1983	2	108	6		94	42	9.56	73	53.18	8/15/1983	17:00	0.3	25.7	9.5	230
1983	2	109	6		93	42	9.91	73	52.81	8/15/1983	16:30	0.3	25.4	9.3	237
1983	2	110	6		91	42	10.9	73	51.53	8/15/1983	17:22	0.3	25.8	8.4	262
1983	2	114	4		82	42	14.31	73	50.58	8/15/1983	15:40	0.3	25.2	9.2	222
1983	2	114	4		83	42	14.26	73	50.71	8/15/1983	16:05	0.3	25.8	9.5	222
1983	2	118	4		75	42	16.12	73	47.49	8/15/1983	15:05	0.3	26.6	9.4	217

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1983	2	119	4		72	42	16.82	73	47.28	8/15/1983	14:52	0.3	25.8	8.7	211
1983	2	122	4		61	42	20.29	73	47.24	8/15/1983	13:31	0.3	27.3	9.4	206
1983	2	122	4		63	42	19.84	73	47.18	8/15/1983	13:56	0.3	27	9.1	203
1983	2	122	6		64	42	19.9	73	46.8	8/15/1983	14:12	0.3	27.8	9.9	206
1983	2	125	4		53	42	22.27	73	47.62	8/15/1983	12:15	0.3	26.4	7.7	239
1983	2	127	6		47	42	23.853	73	46.901	8/15/1983	12:00	0.3	26.1	8.7	205
1983	2	132	4		32	42	28.13	73	47.21	8/15/1983	11:32	0.3	25	7.6	268
1983	2	133	4		29	42	29.09	73	47.273	8/15/1983	11:12	0.3	25	6.7	227
1983	2	139	4		18	42	34.14	73	45.24	8/15/1983	10:28	0.3	24.3	7.3	218
1983	2	142	6		8	42	36.82	73	45.4	8/15/1983	9:48	0.3	23.8	7.1	285
1983	2	148	6		3	42	41.41	73	42.584	8/15/1983	9:15	0.3	22.8	7.4	266
1983	3	12	4		268					8/30/1983	10:50	0.3	25.8	7.8	19150
1983	3	14	4		266	40	52.925	73	56.648	8/30/1983	11:15	0.3	26.1	7.2	18790
1983	3	15	4		263	40	54.252	73	55.961	8/30/1983	11:40	0.3	26.7	6.5	16790
1983	3	18	4		260	40	56.889	73	55.1	8/30/1983	12:05	0.3	26.2	8	17860
1983	3	21	6		257	40	59.13	73	53.13	8/30/1983	12:25	0.3	26.1	7.6	17590
1983	3	24	6		252	41	2.057	73	52.505	8/30/1983	13:08	0.3	26.7	7.9	15690
1983	3	24	6		253	41	1.169	73	52.711	8/30/1983	12:45	0.3	26.8	7.4	14500
1983	3	25	4		250	41	2.86	73	55.07	8/30/1983	14:22	0.3	27.1	7.3	16280
1983	3	25	4		270	41	2.783	73	55.05	8/30/1983	14:03	0.3	26.6	7.2	16320
1983	3	25	4		284	41	2.57	73	54.94	8/30/1983	13:45	0.3	28.3	7	16430
1983	3	25	6		251	41	2.46	73	52.42	8/30/1983	13:25	0.3	26.6	7.3	16570
1983	3	26	4		246	41	3.6	73	55.2	8/30/1983	14:40	0.3	27.7	7.6	15190
1983	3	26	4		271	41	3.77	73	55.22	8/30/1983	15:10	0.3	27.7	7.8	15600
1983	3	26	4		283	41	8.34	73	54.4	8/30/1983	14:30	0.3	27.5	8	14170
1983	3	26	6		247	41	3.891	73	52.077	8/31/1983	11:00	0.3	25	6.8	16800
1983	3	26	6		248	41	3.273	73	52.221	8/31/1983	11:35	0.3	25.2	6.8	16490
1983	3	26	6		249	41	2.67	73	52.3	8/31/1983	11:50	0.3	25.1	7.2	16820
1983	3	28	4		272	41	4.49	73	55.14	8/31/1983	12:10	0.3	25.2	6.9	16810
1983	3	28	6		243	41	5.683	73	52.214	8/31/1983	10:35	0.3	25.2	7	14620
1983	3	28	6		244	41	5.33	73	52.33	8/31/1983	10:45	0.3	25.1	6.9	14680
1983	3	29	4		242	41	6.1	73	54.88	8/31/1983	8:20	0.3	25.2	6.1	15070
1983	3	30	4		241	41	7.14	73	54.77	8/31/1983	8:45	0.3	25.1	6.1	14400
1983	3	31	4		285	41	3.607	73	55.196	8/31/1983	9:30	0.3	25.8	6.4	13070
1983	3	32	4		239	41	8.81	73	54.6	8/31/1983	10:00	0.3	25.6	6.5	12100
1983	3	32	4		240	41	8.48	73	54.42	8/31/1983	9:45	0.3	25.8	6.1	12090
1983	3	32	6		237	41	9.274	73	52.181	8/29/1983	8:45	0.3	25.6		1703
1983	3	32	6		238	41	8.85	73	52.123	8/29/1983	8:20	0.3	25.7	7.4	1208
1983	3	32	6		269	41	9.445	73	52.243	8/29/1983	9:00	0.3	25.6	7.6	2250
1983	3	33	6		236	41	9.79	73	52.202	8/29/1983	9:15	0.3	25.6	7.9	2340
1983	3	35	6		231	41	11.23	73	53.69	8/29/1983	10:45	0.3	25.8	7.9	7200
1983	3	35	6		232	41	11.172	73	53.996	8/29/1983	9:50	0.3	26.4	7.9	8381
1983	3	35	6		274	41	11.17	73	53.71	8/29/1983	10:30	0.3	25.6	7.8	7625

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1983	3	35	6		275	41	11.31	73	53.54	8/29/1983	10:56	0.3	25.8	7.6	7780
1983	3	36	4		227	41	11.02	73	57.41	8/29/1983	11:45	0.3	26	7.9	6320
1983	3	36	4		282	41	11.2	73	57.17	8/29/1983	12:02	0.3	26	7.6	6620
1983	3	36	6		228	41	12.25	73	53.5	8/29/1983	11:30	0.3	25.6	8.1	7110
1983	3	36	6		276	41	12.17	73	53.51	8/29/1983	11:12	0.3	25.8	7.9	7610
1983	3	37	4		225	41	12.096	73	57.458	8/29/1983	12:11	0.3	26.1	7.8	6250
1983	3	38	4		222	41	12.979	73	57.867	8/29/1983	13:35	0.3	26.1	7.9	6260
1983	3	38	4		223	41	12.89	73	57.806	8/29/1983	12:55	0.3	26.1	7.9	6600
1983	3	38	4		278	41	12.96	73	57.828	8/29/1983	13:05	0.3	25.9	7.6	5660
1983	3	38	4		279	41	13.36	73	57.82	8/29/1983	13:18	0.3	25.8	7.6	6880
1983	3	38	6		220					8/29/1983	13:55	0.3	27	7.4	6660
1983	3	39	6		218	41	14.02	73	56.4	8/29/1983	14:15	0.3	25.9	7.6	5880
1983	3	40	6		210	41	14.87	73	57.74	8/29/1983	14:40	0.3	25.8	7.8	6680
1983	3	40	6		213	41	14.64	73	57.15	8/29/1983	14:26	0.3	26	7.9	6680
1983	3	43	6		202	41	17.12	73	55.98	8/29/1983	15:15	0.3	26.5	7.7	5100
1983	3	44	6		201	41	17.74	73	56.87	8/29/1983	15:45	0.3	26	7.7	6050
1983	3	52	6		193	41	24.12	73	57.31	9/1/1983	13:25	0.3	26.2	6.4	251
1983	3	52	6		194	41	24.12	73	56.81	9/1/1983	13:50	0.3	26.2	6.9	231
1983	3	53	4		192	41	24.19	73	57.95	9/1/1983	13:05	0.3	26.1	7.4	276
1983	3	54	6		190	41	24.961	73	57.702	9/1/1983	12:47	0.3	26.4	7.1	225
1983	3	55	6		189	41	25.66	73	58.14	9/1/1983	12:24	0.3	25.1	7.5	244
1983	3	56	4		187	41	26.83	74	0.5	9/1/1983	12:00	0.3	27.3	7.8	153
1983	3	57	4		185	41	27.68	74	0.73	9/1/1983	11:28	0.3	26.3	7.1	336
1983	3	58	4		183	41	28.02	74	0.87	9/1/1983	11:13	0.3	26.1	6.8	324
1983	3	59	6		178	41	29.25	73	59.32	9/1/1983	10:28	0.3	25	7.1	365
1983	3	59	6		180	41	29.08	73	59.37	9/1/1983	10:46	0.3	26.1	7.1	366
1983	3	61	4		174	41	31.15	74	0.37	9/1/1983	9:58	0.3	26.7	6.8	317
1983	3	62	6		170	41	31.8	73	58.98	8/31/1983	15:58	0.3	28.7	6.7	166
1983	3	64	4		164	41	33.37	73	59.18	8/31/1983	15:07	0.3	28.8	6.4	165
1983	3	64	6		165	41	32.66	73	58.52	8/31/1983	15:32	0.3	28.7	6.8	173
1983	3	69	6		156	41	37.03	73	56.88	8/31/1983	14:20	0.3	28.9	7	163
1983	3	74	4		147	41	41.29	73	56.8	8/31/1983	13:37	0.3	28.9	6.5	163
1983	3	77	6		141	41	44.46	73	56.21	8/31/1983	11:40	0.3	28.9	6.8	162
1983	3	77	6		143	41	43.83	73	56.16	8/31/1983	12:15	0.3	28.4	6.7	164
1983	3	82	4		134	41	48.51	73	57.22	8/31/1983	11:15	0.3	28.7	6.8	168
1983	3	83	4		131	41	49.33	73	57.31	8/31/1983	10:13	0.3	28.9	7	156
1983	3	85	4		127	41	51.18	73	56.5	8/31/1983	9:47	0.3	28.7	6.9	154
1983	3	86	4		124	41	51.95	73	56.84	8/31/1983	9:20	0.3	28.7	7	153
1983	3	88	6		122	41	53.023	73	56.214	8/31/1983	9:02	0.3	28.6	6.9	153
1983	3	89	6		121	41	53.84	73	57.04	8/30/1983	16:37	0.3	29	6.8	152
1983	3	90	6		120	41	54.02	73	57.2	8/30/1983	16:17	0.3	28.6	7	151
1983	3	92	4		118	41	56.32	73	58.1	8/30/1983	15:51	0.3	29	6.9	153
1983	3	94	4		113	41	58.38	73	57.25	8/30/1983	14:41	0.3	28.9	7.1	157

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1983	3	94	4		115	41	57.78	73	57.47	8/30/1983	15:10	0.3	28.9	6.8	153
1983	3	95	6		112	41	58.238	73	56.123	8/30/1983	14:13	0.3	28.9	6.7	153
1983	3	96	4		105	42	0.22	73	56.65	8/30/1983	13:02	0.3	28.6	6.8	153
1983	3	97	6		104	42	0.26	73	55.792	8/30/1983	13:25	0.3	28.9	6.7	153
1983	3	98	4		101	42	1.426	73	56.456	8/30/1983	12:34	0.3	28.9	6.8	150
1983	3	105	4		97	42	7.68	73	55.13	8/30/1983	11:12	0.3	28.9	6.8	152
1983	3	105	4		98	42	7.33	73	55.3	8/30/1983	11:40	0.3	28.9	6.9	152
1983	3	106	4		96	42	8.147	73	54.796	8/30/1983	10:50	0.3	29.1	6.9	154
1983	3	107	4		95	42	8.94	73	54.32	8/30/1983	10:30	0.3	29.1	7	154
1983	3	108	6		94	42	9.56	73	53.18	8/30/1983	10:11	0.3	28.9	6.8	152
1983	3	110	6		91	42	10.9	73	51.53	8/30/1983	9:50	0.3	28.9	6.8	157
1983	3	111	6		89					8/29/1983	16:55	0.3	29.9	6.8	220
1983	3	112	4		88	42	12.69	73	51.26	8/29/1983	16:25	0.3	29.7	6.9	220
1983	3	113	4		86	42	13.12	73	51.33	8/29/1983	16:00	0.3	29.2	6.9	200
1983	3	114	4		81	42	14.39	73	50.549	8/29/1983	15:40	0.3	30.4	8.2	210
1983	3	117	4		76	42	15.84	73	47.69	8/29/1983	15:10	0.3	28.3	6.8	190
1983	3	119	6		71	42	17.16	73	46.8	8/29/1983	14:35	0.3	29.6	6.9	150
1983	3	122	6		62	42	20.105	73	46.848	8/29/1983	14:10	0.3	29.4	7.3	170
1983	3	131	4		33	42	28.06	73	47.13	8/29/1983	12:35	0.3	29	6.5	210
1983	3	132	4		30					8/29/1983	12:10	0.3	28.4	8.1	190
1983	3	138	4		21	42	33.51	73	45.33	8/29/1983	11:30	0.3	28.3	7.4	190
1983	3	139	4		16	42	34.31	73	45.21	8/29/1983	10:50	0.3	28.4	6.8	190
1983	3	140	4		10					8/29/1983	10:08	0.3	26.4	7.2	170
1983	3	140	4		12					8/29/1983	10:32	0.3	27.1	7.1	170
1983	3	142	6		8	42	36.82	73	45.4	8/29/1983	9:30	0.3	26.3	7.6	150
1983	4	12	4		268					9/13/1983	10:45	0.3	23.9	6.8	19700
1983	4	13	4		267					9/13/1983	11:05	0.3	23.9	6.9	18900
1983	4	14	4		265					9/13/1983	11:35	0.3	24.1	7	18400
1983	4	14	4		266	40	52.925	73	56.648	9/13/1983	11:20	0.3	24.1	7.3	18600
1983	4	18	4		260	40	56.889	73	55.1	9/13/1983	11:55	0.3	24	6.9	17900
1983	4	24	6		253	41	1.169	73	52.711	9/14/1983	13:35	0.3	23.7	7.5	10100
1983	4	24	6		254	41	1.086	73	52.681	9/14/1983	13:50	0.3	24	6.9	8690
1983	4	25	4		250	41	2.86	73	55.07	9/14/1983	14:55	0.3	21.4	7.3	9150
1983	4	25	4		270	41	2.783	73	55.05	9/14/1983	14:44	0.3	23.6	6.8	11100
1983	4	25	4		284	41	2.57	73	54.94	9/14/1983	14:30	0.3	21.6	7.9	10800
1983	4	25	6		251	41	2.46	73	52.42	9/14/1983	14:03	0.3	23.9	6.9	7270
1983	4	26	4		246	41	3.6	73	55.2	9/14/1983	15:28	0.3	22	6.8	6990
1983	4	26	4		283	41	8.34	73	54.4	9/14/1983	15:12	0.3	21.8	8.2	7620
1983	4	26	4		271	41	3.77	73	55.22	9/15/1983	11:45	0.3	25.1		1880
1983	4	26	6		247	41	3.891	73	52.077	9/15/1983	10:50	0.3	25.2		9886
1983	4	26	6		248	41	3.273	73	52.221	9/15/1983	11:05	0.3	26.1		16200
1983	4	26	6		249	41	2.67	73	52.3	9/15/1983	11:24	0.3	28		2020
1983	4	28	4		272	41	4.49	73	55.14	9/14/1983	15:40	0.3	22.4	6.8	8820

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1983	4	28	6		243	41	5.683	73	52.214	9/15/1983	10:25	0.3	24.1		11800
1983	4	28	6		244	41	5.33	73	52.33	9/15/1983	10:05	0.3	25.1		1405
1983	4	29	4		242	41	6.1	73	54.88	9/14/1983	13:04	0.3	23.1	7.1	2680
1983	4	30	4		241	41	7.14	73	54.77	9/14/1983	11:45	0.3	21.6	7.2	8600
1983	4	31	4		285	41	3.607	73	55.196	9/14/1983	11:26	0.3	23.6	7	2390
1983	4	32	4		239	41	8.81	73	54.6	9/14/1983	10:50	0.3	23.6	6.9	4450
1983	4	32	4		240	41	8.48	73	54.42	9/14/1983	11:10	0.3	23.4	7.4	1890
1983	4	32	6		237	41	9.274	73	52.181	9/14/1983	10:20	0.3	23	7.1	1790
1983	4	32	6		238	41	8.85	73	52.123	9/14/1983	10:39	0.3	23.2		2980
1983	4	32	6		269	41	9.445	73	52.243	9/14/1983	10:02	0.3	23.1	6.6	4800
1983	4	33	6		236	41	9.79	73	52.202	9/14/1983	9:20	0.3	22.3	7.1	2870
1983	4	34	6		234	41	10.19	73	53.93	9/12/1983	12:40	0.3	28.5	6.6	8900
1983	4	34	6		235	41	10.632	73	52.59	9/12/1983	12:52	0.3	29	6.1	10100
1983	4	35	4		277	41	10.95	73	57.06	9/12/1983	12:19	0.3	29.3	6.2	8800
1983	4	35	6		231	41	11.23	73	53.69	9/12/1983	13:12	0.3	29	6.2	9900
1983	4	35	6		274	41	11.17	73	53.71	9/12/1983	13:05	0.3	29	6.5	10000
1983	4	35	6		275	41	11.31	73	53.54	9/12/1983	13:25	0.3	28.8	6.6	11500
1983	4	36	4		227	41	11.02	73	57.41	9/12/1983	12:07	0.3	28.9	6.9	8800
1983	4	36	4		282	41	11.2	73	57.17	9/12/1983	11:53	0.3	29	6.6	9000
1983	4	36	6		276	41	12.17	73	53.51	9/12/1983	13:33	0.3	26.7	7	11300
1983	4	37	4		224					9/12/1983	11:11	0.3	28	6.4	8100
1983	4	37	4		225	41	12.096	73	57.458	9/12/1983	11:21	0.3	29	6.3	8850
1983	4	37	4		278	41	12.96	73	57.828	9/12/1983	11:00	0.3	27.9	6.8	8980
1983	4	38	4		222	41	12.979	73	57.867	9/12/1983	10:40	0.3	28.9	6.8	8800
1983	4	38	4		280	41	13.4	73	57.81	9/12/1983	10:15	0.3	28.9	6.5	8850
1983	4	39	6		219					9/12/1983	9:50	0.3	29	6.6	9850
1983	4	40	6		211	41	14.88	73	57.6	9/12/1983	9:25	0.3	28.4	6.6	9400
1983	4	40	6		213	41	14.64	73	57.15	9/12/1983	9:40	0.3	28.6	6.6	9250
1983	4	43	6		202	41	17.12	73	55.98	9/12/1983	8:50	0.3	28.3	6.6	8500
1983	4	43	6		205	41	16.413	73	56.551	9/12/1983	9:00	0.3	26.7	6.8	8100
1983	4	52	6		193	41	24.12	73	57.31	9/15/1983	9:05	0.3	23	7.7	255
1983	4	52	6		194	41	24.12	73	56.81	9/15/1983	8:45	0.3	22.9	6.9	251
1983	4	53	4		192	41	24.19	73	57.95	9/15/1983	9:20	0.3	22.9	6.9	259
1983	4	54	6		190	41	24.961	73	57.702	9/15/1983	9:30	0.3	23.3	7.2	258
1983	4	55	6		189	41	25.66	73	58.14	9/15/1983	9:40	0.3	24.5	7.9	249
1983	4	56	4		187	41	26.83	74	0.5	9/15/1983	10:15	0.3	24.8	7.7	244
1983	4	58	4		184	41	27.78	74	0.7	9/15/1983	10:30	0.3	24.8	7.9	240
1983	4	59	6		179	41	29.24	73	59.34	9/14/1983	15:30	0.3	23.4	8.1	246
1983	4	59	6		181	41	29.04	73	59.33	9/14/1983	16:00	0.3	23.5	7.9	245
1983	4	60	6		177	41	29.52	73	59.24	9/14/1983	15:20	0.3	23.5	8	250
1983	4	61	4		174	41	31.15	74	0.37	9/14/1983	14:55	0.3	23.5	8.1	250
1983	4	63	6		168	41	32.3	73	58.633	9/14/1983	14:30	0.3	23.7	7.9	250
1983	4	69	6		157	41	36.97	73	56.85	9/14/1983	13:55	0.3	22.8	7.8	240

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1983	4	71	4		153	41	39.06	73	57.257	9/14/1983	13:30	0.3	22.9	7.9	242
1983	4	72	4		151	41	40.04	73	57.11	9/14/1983	13:00	0.3	21.9	7.7	233
1983	4	74	4		117	41	57.036	73	56.721	9/14/1983	12:30	0.3	23.1	8	237
1983	4	77	6		140	41	44.56	73	56.17	9/14/1983	12:00	0.3	21.7	8.1	234
1983	4	80	6		137	41	46.14	73	56.82	9/14/1983	11:15	0.3	21.9	7.9	235
1983	4	81	4		135	41	47.474	73	57.457	9/14/1983	10:45	0.3	22.8	8.4	230
1983	4	83	6		132					9/14/1983	10:15	0.3	23	8.4	230
1983	4	85	4		128					9/14/1983	9:45	0.3	23	8.3	230
1983	4	86	6		125	41	51.75	73	55.89	9/14/1983	9:35	0.3	23	8	225
1983	4	88	6		122	41	53.023	73	56.214	9/14/1983	9:15	0.3	22.5	8.1	220
1983	4	90	6		120	41	54.02	73	57.2	9/13/1983	17:00	0.3	22.5	8.2	220
1983	4	92	4		118	41	56.32	73	58.1	9/13/1983	16:25	0.3	22.5	8.2	220
1983	4	93	4		117	41	57.036	73	56.721	9/13/1983	16:05	0.3	21.5	8.1	215
1983	4	95	4		111	41	59.083	73	57.079	9/13/1983	15:05	0.3	21.5	7.8	210
1983	4	95	6		112	41	58.238	73	56.123	9/13/1983	15:30	0.3	22	7.9	205
1983	4	96	4		105	42	0.22	73	56.65	9/13/1983	13:45	0.3	22	8	205
1983	4	96	4		108	41	59.76	73	56.81	9/13/1983	14:10	0.3	23	7.9	205
1983	4	96	4		110	41	59.4	73	56.94	9/13/1983	14:45	0.3	22	8.1	205
1983	4	98	4		100	42	1.67	73	56.54	9/13/1983	12:40	0.3	23	6.9	210
1983	4	98	4		101	42	1.426	73	56.456	9/13/1983	13:20	0.3	23	8.2	210
1983	4	105	4		97	42	7.68	73	55.13	9/13/1983	11:35	0.3	21.5	7.2	195
1983	4	105	4		98	42	7.33	73	55.3	9/13/1983	11:55	0.3	22	7.1	200
1983	4	109	6		92	42	10.27	73	52.32	9/13/1983	11:00	0.3	20	7.2	200
1983	4	110	6		90	42	11.04	73	51.38	9/13/1983	10:35	0.3	22.5	6.4	205
1983	4	111	6		89					9/12/1983	17:00	0.3	24.5	6.3	225
1983	4	112	4		88	42	12.69	73	51.26	9/12/1983	16:28	0.3	23.5	6.5	220
1983	4	113	4		86	42	13.12	73	51.33	9/12/1983	16:15	0.3	26	7	205
1983	4	115	6		77	42	15.02	73	48.31	9/12/1983	15:25	0.3	24	7.2	230
1983	4	116	6		79	42	14.8	73	49	9/12/1983	15:30	0.3	25	7.1	220
1983	4	118	4		75	42	16.12	73	47.49	9/12/1983	14:55	0.3	25	7.1	220
1983	4	122	4		61	42	20.29	73	47.24	9/12/1983	14:20	0.3	25.5	6.8	220
1983	4	124	4		56	42	21.49	73	47.29	9/12/1983	14:10	0.3	25	7.7	220
1983	4	130	4		37	42	26.76	73	47.22	9/12/1983	13:25	0.3	25	7.2	220
1983	4	133	4		29	42	29.09	73	47.273	9/12/1983	13:03	0.3	24.5	7.1	215
1983	4	134	6		28	42	30.027	73	46.913	9/12/1983	12:35	0.3	25.5	6.9	210
1983	4	135	4		26	42	30.91	73	46.27	9/12/1983	12:30	0.3	24.5	7.4	210
1983	4	138	4		22	42	33.36	73	45.42	9/12/1983	12:10	0.3	24	7.4	210
1983	4	140	4		10					9/12/1983	11:55	0.3	27	7	205
1983	4	145	6		4	42	39.51	73	44.09	9/12/1983	11:36	0.3	24	8	185
1983	5	13	4		267					9/26/1983	14:32	0.3	22	7.9	11000
1983	5	15	4		263	40	54.252	73	55.961	9/26/1983	14:48	0.3	21.9	7.6	10900
1983	5	16	4		262	40	54.9	73	55.7	9/26/1983	15:02	0.3	21.3	7.2	7400
1983	5	18	6		261	40	56.27	73	54.17	9/26/1983	15:19	0.3	21	7.1	9200

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1983	5	23	6		255	41	0.74	73	52.83	9/26/1983	15:45	0.3	20.9	6.8	13000
1983	5	24	6		252	41	2.057	73	52.505	9/27/1983	12:15	0.3	21	7	8000
1983	5	24	6		253	41	1.169	73	52.711	9/27/1983	12:00	0.3	22	6.9	9300
1983	5	25	4		250	41	2.86	73	55.07	9/26/1983	13:05	0.3	20	7.1	8500
1983	5	25	4		270	41	2.783	73	55.05	9/26/1983	13:19	0.3	20	7.6	8400
1983	5	25	4		284	41	2.57	73	54.94	9/26/1983	13:28	0.3	19.1	7.7	8300
1983	5	25	6		251	41	2.46	73	52.42	9/27/1983	12:27	0.3	22	6.8	8000
1983	5	26	4		246	41	3.6	73	55.2	9/26/1983	12:39	0.3	19	7.8	8200
1983	5	26	4		271	41	3.77	73	55.22	9/26/1983	12:27	0.3	19.9	7.1	8600
1983	5	26	4		283	41	8.34	73	54.4	9/26/1983	12:53	0.3	19.3	7.4	8300
1983	5	26	6		247	41	3.891	73	52.077	9/27/1983	13:28	0.3	22.2	6.6	8100
1983	5	26	6		248	41	3.273	73	52.221	9/27/1983	13:02	0.3	22	6.8	8000
1983	5	26	6		249	41	2.67	73	52.3	9/27/1983	12:48	0.3	21.6	7.2	8000
1983	5	28	4		272	41	4.49	73	55.14	9/27/1983	11:27	0.3	21.3	7.1	7900
1983	5	28	6		243	41	5.683	73	52.214	9/27/1983	13:55	0.3	21.8	7	7600
1983	5	28	6		244	41	5.33	73	52.33	9/27/1983	13:40	0.3	21.3	6.9	7900
1983	5	29	4		242	41	6.1	73	54.88	9/27/1983	11:06	0.3	21.9	6.6	7000
1983	5	30	4		241	41	7.14	73	54.77	9/27/1983	10:44	0.3	20.5	6.9	6800
1983	5	31	4		285	41	3.607	73	55.196	9/27/1983	10:22	0.3	20.4	7.1	6200
1983	5	32	4		239	41	8.81	73	54.6	9/27/1983	9:54	0.3	21	6.9	3200
1983	5	32	4		240	41	8.48	73	54.42	9/27/1983	10:06	0.3	20.8	7	5300
1983	5	32	6		237	41	9.274	73	52.181	9/26/1983	11:44	0.3	20	7.4	6000
1983	5	32	6		238	41	8.85	73	52.123	9/26/1983	11:55	0.3	19.9	7.6	6100
1983	5	32	6		269	41	9.445	73	52.243	9/26/1983	11:20	0.3	20	7.1	4900
1983	5	33	6		236	41	9.79	73	52.202	9/26/1983	11:12	0.3	21	7.5	5800
1983	5	34	6		233	41	10.662	73	53.922	9/26/1983	10:33	0.3	19.9	7.2	5100
1983	5	34	6		234	41	10.19	73	53.93	9/26/1983	10:48	0.3	19	7.6	5200
1983	5	35	4		229	41	10.59	73	56.41	9/27/1983	14:30	0.3	21.8	6.8	6900
1983	5	35	4		277	41	10.95	73	57.06	9/27/1983	14:38	0.3	22	6.9	6500
1983	5	35	6		274	41	11.17	73	53.71	9/26/1983	10:08	0.3	19.5	7.3	5000
1983	5	35	6		275	41	11.31	73	53.54	9/26/1983	9:52	0.3	19.1	7.4	5000
1983	5	36	4		227	41	11.02	73	57.41	9/27/1983	14:54	0.3	23	6.7	5900
1983	5	36	4		281	41	11.13	73	57.16	9/27/1983	15:10	0.3	23.8	6.2	5800
1983	5	36	6		276	41	12.17	73	53.51	9/26/1983	9:35	0.3	20	7.3	5000
1983	5	37	4		225	41	12.096	73	57.458	9/27/1983	15:37	0.3	23.2	6.8	6600
1983	5	37	6		224					9/27/1983	15:55	0.3	24	7.2	5200
1983	5	38	4		222	41	12.979	73	57.867	9/28/1983	9:45	0.3	21.7	6.5	5000
1983	5	38	4		278	41	12.96	73	57.828	9/28/1983	9:08	0.3	21	6.9	6000
1983	5	38	4		279	41	13.36	73	57.82	9/28/1983	9:30	0.3	19.4	7.9	5100
1983	5	40	4		209	41	14.97	73	58	9/28/1983	10:42	0.3	24.3	6.2	4500
1983	5	40	6		210	41	14.87	73	57.74	9/28/1983	10:27	0.3	23.5	6.8	5900
1983	5	40	6		211	41	14.88	73	57.6	9/28/1983	10:02	0.3	23.6	7.2	5100
1983	5	42	4		206	41	16.412	73	58.1	9/28/1983	11:02	0.3	24.3	6.1	5300

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1983	5	46	4		198	41	19.7	73	59	9/28/1983	11:40	0.3	24	6.1	3530
1983	5	49	4		196	41	21.16	73	57.74	9/28/1983	11:57	0.3	23	6.9	3300
1983	5	51	6		195	41	22.87	73	50.61	9/28/1983	12:35	0.3	24.2	8.2	3400
1983	5	52	6		174	41	31.15	74	0.37	9/28/1983	13:10	0.3	26	7.8	2600
1983	5	53	4		192	41	24.19	73	57.95	9/28/1983	13:42	0.3	22	6.9	2800
1983	5	54	6		190	41	24.961	73	57.702	9/28/1983	14:02	0.3	21.6	6.9	2100
1983	5	57	4		186	41	27.28	74	0.8	9/28/1983	13:59	0.3	22.5	6.7	1738
1983	5	57	4		186	41	27.28	74	0.8	9/28/1983	13:59	0.3	22.5	6.7	1738
1983	5	58	4		183	41	28.02	74	0.87	9/28/1983	13:31	0.3	22.2	6.5	1553
1983	5	59	6		180	41	29.08	73	59.37	9/28/1983	12:43	0.3	21.5	6.5	1875
1983	5	59	6		181	41	29.04	73	59.33	9/28/1983	13:11	0.3	22.2	6.5	1739
1983	5	60	6		177	41	29.52	73	59.24	9/28/1983	11:58	0.3	20.8	6.8	1949
1983	5	60	6		178	41	29.25	73	59.32	9/28/1983	12:28	0.3	21.8	6.8	1845
1983	5	63	6		167	41	32.41	73	58.61	9/28/1983	11:30	0.3	20.1	6.9	1854
1983	5	64	6		165	41	32.66	73	58.52	9/28/1983	10:55	0.3	19.8	6.9	990
1983	5	65	4		162	41	33.99	73	58.39	9/28/1983	10:34	0.3	21.2	7.1	1300
1983	5	69	6		155	41	37.44	73	57.43	9/28/1983	10:05	0.3	19.8	6.8	210
1983	5	71	6		154	41	38.88	73	57.23	9/28/1983	9:48	0.3	19.8	6.8	890
1983	5	81	4		136					9/27/1983	17:21	0.3	20.1	6.5	291
1983	5	82	4		134	41	48.51	73	57.22	9/27/1983	16:47	0.3	20.6	6.7	291
1983	5	83	4		131	41	49.33	73	57.31	9/27/1983	16:00	0.3	20.8	6.8	247
1983	5	83	4		133	41	48.74	73	57.19	9/27/1983	16:22	0.3	21	7.1	285
1983	5	85	6		127	41	51.18	73	56.5	9/27/1983	15:40	0.3	20.8	6.8	155
1983	5	86	4		126	41	51.44	73	56.97	9/27/1983	15:22	0.3	21.6	6.5	231
1983	5	89	6		121	41	53.84	73	57.04	9/27/1983	14:42	0.3	20.8	7.1	239
1983	5	91	6		119	41	55.847	73	56.774	9/27/1983	14:08	0.3	21.1	6.5	261
1983	5	92	4		118	41	56.32	73	58.1	9/27/1983	13:50	0.3	20.4	7.2	222
1983	5	93	4		116	41	57.05	73	57.77	9/27/1983	13:16	0.3	21.3	6.8	253
1983	5	94	4		113	41	58.38	73	57.25	9/27/1983	12:53	0.3	20	7.1	219
1983	5	96	4		108	41	59.76	73	56.81	9/27/1983	12:29	0.3	19.8	6.5	235
1983	5	96	6		106	42	59.99	73	55.94	9/27/1983	11:57	0.3	19.7	7.3	228
1983	5	96	6		107	41	59.89	73	55.93	9/27/1983	12:14	0.3	20.2	7.1	243
1983	5	97	4		102	42	0.83	73	56.38	9/27/1983	11:00	0.3	19.8	7	223
1983	5	97	6		104	42	0.26	73	55.792	9/27/1983	11:26	0.3	19.6	6.8	232
1983	5	98	4		100	42	1.67	73	56.54	9/27/1983	10:37	0.3	19.2	6.9	261
1983	5	105	4		98	42	7.33	73	55.3	9/27/1983	10:00	0.3	19.3	7.1	247
1983	5	106	4		96	42	8.147	73	54.796	9/27/1983	9:40	0.3	19.4	6.9	226
1983	5	114	4		81	42	14.39	73	50.549	9/26/1983	17:40	0.3	19.8	6.7	220
1983	5	115	6		79	42	14.8	73	49	9/26/1983	17:20	0.3	19.9	7.4	208
1983	5	118	4		75	42	16.12	73	47.49	9/26/1983	16:55	0.3	19.4	6.5	221
1983	5	119	6		69	42	17.29	73	46.78	9/26/1983	16:23	0.3	23	7.1	237
1983	5	119	6		71	42	17.16	73	46.8	9/26/1983	16:41	0.3	20.1	6.8	217
1983	5	121	4		65	42	19.307	73	47.217	9/26/1983	15:24	0.3	20.1	6.8	228

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1983	5	121	4		68	42	18.53	73	47.1	9/26/1983	16:05	0.3	19.3		214
1983	5	121	6		67	42	18.82	73	46.89	9/26/1983	15:47	0.3	19.9	7.2	228
1983	5	122	4		61	42	20.29	73	47.24	9/26/1983	14:41	0.3	20.3	7	161
1983	5	122	6		64	42	19.9	73	46.8	9/26/1983	15:00	0.3	18.2	7.3	167
1983	5	131	6		34					9/26/1983	13:41	0.3	20.3	6.9	211
1983	5	139	4		19	42	34.03	73	45.26	9/26/1983	12:58	0.3	19.3	7.1	130
1983	5	140	4		10					9/26/1983	12:36	0.3	19.5	7.3	180
1983	5	143	6		7	42	37.48	73	45.14	9/26/1983	11:48	0.3	19	7.2	180
1983	5	145	6		4	42	39.51	73	44.09	9/26/1983	11:00	0.3	18	7	120
1983	5	145	6		5	42	39.19	73	44.41	9/26/1983	11:14	0.3	19	7.2	170
1983	5	148	6		3	42	41.41	73	42.584	9/26/1983	10:43	0.3	18.9	6.8	150
1983	6	13	4		267					10/12/1983	12:06	0.3	18.2	7.1	21100
1983	6	14	4		265					10/12/1983	12:31	0.3	18.1	7.4	20800
1983	6	14	4		266	40	52.925	73	56.648	10/12/1983	12:18	0.3	18.3	7.1	21100
1983	6	21	6		257	40	59.13	73	53.13	10/12/1983	13:01	0.3	18.4	6.8	19390
1983	6	23	6		255	41	0.74	73	52.83	10/12/1983	13:15	0.3	18.5	6.4	19100
1983	6	24	6		252	41	2.057	73	52.505	10/12/1983	13:39	0.3	18.6	6.9	19230
1983	6	24	6		253	41	1.169	73	52.711	10/12/1983	13:26	0.3	18.7	6.8	19570
1983	6	25	4		250	41	2.86	73	55.07	10/12/1983	10:58	0.3	16.7	7.8	15950
1983	6	25	4		270	41	2.783	73	55.05	10/12/1983	11:05	0.3	16.8	7.8	15820
1983	6	25	4		284	41	2.57	73	54.94	10/12/1983	11:20	0.3	15.1	7.9	16450
1983	6	25	6		251	41	2.46	73	52.42	10/12/1983	13:50	0.3	18.6	6.8	18670
1983	6	26	4		246	41	3.6	73	55.2	10/12/1983	10:25	0.3	16.6	8	15640
1983	6	26	4		271	41	3.77	73	55.22	10/12/1983	9:57	0.3	16.8	7.9	15500
1983	6	26	4		283	41	8.34	73	54.4	10/12/1983	10:39	0.3	16.7	7.9	15600
1983	6	26	6		247	41	3.891	73	52.077	10/12/1983	14:31	0.3	18.7	7	17950
1983	6	26	6		248	41	3.273	73	52.221	10/12/1983	14:16	0.3	18.6	6.9	18570
1983	6	26	6		249	41	2.67	73	52.3	10/12/1983	13:50	0.3	18.6	6.9	18750
1983	6	28	4		272	41	4.49	73	55.14	10/12/1983	9:38	0.3	16.8	7.9	15420
1983	6	28	6		243	41	5.683	73	52.214	10/12/1983	9:10	0.3	18.3	7.4	15980
1983	6	28	6		244	41	5.33	73	52.33	10/12/1983	9:21	0.3	18.3	7.3	16480
1983	6	29	4		242	41	6.1	73	54.88	10/13/1983	10:59	0.3	19.5	7.1	11960
1983	6	30	4		241	41	7.14	73	54.77	10/13/1983	11:33	0.3	19.5	6.9	13220
1983	6	31	4		285	41	3.607	73	55.196	10/13/1983	11:52	0.3	19.8	6.7	11100
1983	6	32	4		239	41	8.81	73	54.6	10/13/1983	12:12	0.3	20	6.8	10140
1983	6	32	4		240	41	8.48	73	54.42	10/13/1983	12:00	0.3	19.8	6.8	10920
1983	6	32	6		237	41	9.274	73	52.181	10/12/1983	15:18	0.3	18.3	7	14370
1983	6	32	6		238	41	8.85	73	52.123	10/12/1983	15:02	0.3	18.3	7	14390
1983	6	32	6		269	41	9.445	73	52.243	10/12/1983	15:25	0.3	18.2	6.8	14520
1983	6	33	6		236	41	9.79	73	52.202	10/12/1983	15:40	0.3	18.3	7.1	13600
1983	6	35	4		229	41	10.59	73	56.41	10/13/1983	12:27	0.3	20.2	7.2	9370
1983	6	35	6		232	41	11.172	73	53.996	10/13/1983	10:07	0.3	18.9	7.1	11800
1983	6	35	6		274	41	11.17	73	53.71	10/13/1983	9:54	0.3	19.1	6.8	11690

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1983	6	36	4		226	41	11.8	73	57.5	10/13/1983	13:10	0.3	20.2	6.2	9770
1983	6	36	4		227	41	11.02	73	57.41	10/13/1983	12:39	0.3	20.2	6.1	9910
1983	6	36	4		281	41	11.13	73	57.16	10/13/1983	12:52	0.3	20.3	6	9850
1983	6	36	6		276	41	12.17	73	53.51	10/13/1983	9:38	0.3	18.9	6.8	11640
1983	6	37	4		224					10/13/1983	13:36	0.3	20.1	6.8	9180
1983	6	37	4		225	41	12.096	73	57.458	10/13/1983	13:22	0.3	20.3	6.5	9250
1983	6	38	4		221	41	13.43	73	57.79	10/13/1983	14:30	0.3	20.2	6.8	8520
1983	6	38	4		222	41	12.979	73	57.867	10/13/1983	14:19	0.3	20.1	6.6	9340
1983	6	38	4		223	41	12.89	73	57.806	10/13/1983	13:49	0.3	20.3	6.6	9500
1983	6	38	4		278	41	12.96	73	57.828	10/13/1983	13:58	0.3	20.3	6.6	9500
1983	6	38	4		279	41	13.36	73	57.82	10/13/1983	14:07	0.3	20.1	6.6	9340
1983	6	39	4		216	41	13.48	73	57.84	10/13/1983	14:42	0.3	20.2	6.9	8260
1983	6	39	6		217	41	14.098	73	56.682	10/13/1983	14:57	0.3	20.1	7	9700
1983	6	40	6		212					10/13/1983	14:32	0.3	19.9	7.4	8700
1983	6	41	6		208	41	15.72	73	50.84	10/13/1983	14:16	0.3	20	7	8280
1983	6	42	4		206	41	16.412	73	58.1	10/13/1983	14:05	0.3	20.2	7.2	8010
1983	6	44	6		201	41	17.74	73	56.87	10/13/1983	13:41	0.3	19.9	6.9	7050
1983	6	46	4		198	41	19.7	73	59	10/13/1983	13:15	0.3	20.1	7.1	7220
1983	6	49	4		196	41	21.16	73	57.74	10/13/1983	12:55	0.3	19.9	7.2	7150
1983	6	52	6		193	41	24.12	73	57.31	10/13/1983	12:15	0.3	19.8	6.9	7000
1983	6	52	6		194	41	24.12	73	56.81	10/13/1983	12:30	0.3	20.2	7	6800
1983	6	54	6		190	41	24.961	73	57.702	10/13/1983	12:00	0.3	20	7.2	6010
1983	6	55	6		189	41	25.66	73	58.14	10/13/1983	11:45	0.3	19.9	7.1	6100
1983	6	57	4		185	41	27.68	74	0.73	10/13/1983	11:13	0.3	19.1	8	4060
1983	6	57	4		186	41	27.28	74	0.8	10/13/1983	11:27	0.3	19.9	7.9	5230
1983	6	59	6		179	41	29.24	73	59.34	10/13/1983	10:44	0.3	19.1	8	3770
1983	6	59	6		181	41	29.04	73	59.33	10/13/1983	10:52	0.3	19.7	6.9	4160
1983	6	60	6		177	41	29.52	73	59.24	10/13/1983	10:25	0.3	20.1	7.9	2210
1983	6	60	6		178	41	29.25	73	59.32	10/13/1983	10:33	0.3	20	7.1	2440
1983	6	65	6		164	41	33.37	73	59.18	10/13/1983	10:02	0.3	19.7	7.7	1080
1983	6	66	4		160	41	34.777	73	57.753	10/13/1983	9:20	0.3	18.3	7.7	986
1983	6	69	4		155	41	37.44	73	57.43	10/13/1983	8:30	0.3	19	7.7	516
1983	6	71	4		153	41	39.06	73	57.257	10/12/1983	16:37	0.3	18.1	7.6	392
1983	6	74	4		147	41	41.29	73	56.8	10/12/1983	16:00	0.3	18	8.1	283
1983	6	77	6		142	41	43.92	73	56.14	10/12/1983	15:35	0.3	18.1	8	271
1983	6	78	4		138	41	45.18	73	56.22	10/12/1983	15:07	0.3	17.8	8.5	263
1983	6	81	4		135	41	47.474	73	57.457	10/12/1983	14:49	0.3	17.8	9	264
1983	6	83	4		131	41	49.33	73	57.31	10/12/1983	14:28	0.3	18.1	8.7	256
1983	6	88	6		122	41	53.023	73	56.214	10/12/1983	13:38	0.3	17.6	8.7	231
1983	6	89	4		129	41	50.61	73	57.28	10/12/1983	14:08	0.3	18.9	8.6	261
1983	6	89	6		121	41	53.84	73	57.04	10/12/1983	13:13	0.3	18	8.6	232
1983	6	90	6		120	41	54.02	73	57.2	10/12/1983	12:57	0.3	17.7	8.4	263
1983	6	91	6		119	41	55.847	73	56.774	10/12/1983	12:38	0.3	18.8	8.3	230

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1983	6	92	4		118	41	56.32	73	58.1	10/12/1983	12:14	0.3	17.4	8.6	244
1983	6	94	4		113	41	58.38	73	57.25	10/12/1983	11:49	0.3	17.4	8.7	228
1983	6	95	4		111	41	59.083	73	57.079	10/12/1983	11:39	0.3	17.4	9.1	229
1983	6	96	4		105	42	0.22	73	56.65	10/12/1983	11:23	0.3	17.1	9.3	256
1983	6	97	4		103	42	0.5	73	56.51	10/12/1983	11:09	0.3	17.3	8.9	254
1983	6	97	6		104	42	0.26	73	55.792	10/12/1983	10:43	0.3	17	9.5	233
1983	6	98	4		100	42	1.67	73	56.54	10/12/1983	10:11	0.3	17.2	8.6	231
1983	6	98	4		101	42	1.426	73	56.456	10/12/1983	10:27	0.3	17.6	8.5	230
1983	6	99	6		99	42	2.02	73	55.73	10/12/1983	9:58	0.3	17.5	8.8	234
1983	6	106	4		96	42	8.147	73	54.796	10/12/1983	8:59	0.3	17.2	8.6	234
1983	6	113	4		86	42	13.12	73	51.33	10/11/1983	15:24	0.3	17.6	8.9	230
1983	6	114	4		82	42	14.31	73	50.58	10/11/1983	15:00	0.3	18.1	8.6	235
1983	6	114	4		87	42	13.32	73	50.85	10/11/1983	14:46	0.3	18.8	8.7	234
1983	6	117	4		76	42	15.84	73	47.69	10/11/1983	14:13	0.3	17.8	9.3	234
1983	6	119	4		72	42	16.82	73	47.28	10/11/1983	13:53	0.3	17.5	7.9	256
1983	6	119	6		69	42	17.29	73	46.78	10/11/1983	13:33	0.3	18.2	8	242
1983	6	121	4		65	42	19.307	73	47.217	10/11/1983	12:56	0.3	17.6	8.1	236
1983	6	121	6		67	42	18.82	73	46.89	10/11/1983	13:13	0.3	18.6	8.8	236
1983	6	122	6		64	42	19.9	73	46.8	10/11/1983	12:32	0.3	17.9	8	241
1983	6	123	4		60	42	20.64	73	47.39	10/11/1983	12:19	0.3	17.8	8.8	235
1983	6	126	4		49	42	23.4	73	47.52	10/11/1983	11:58	0.3	17.4	8.3	185
1983	6	131	6		35	42	27.8	73	47.1	10/11/1983	11:32	0.3	17.7	8.3	136
1983	6	133	6		28	42	30.027	73	46.913	10/11/1983	11:03	0.3	18.4	6	139
1983	6	135	6		26	42	30.91	73	46.27	10/11/1983	10:58	0.3	19.4	7	148
1983	6	140	6		10					10/11/1983	10:27	0.3	19.4	7	159
1983	6	145	6		4	42	39.51	73	44.09	10/11/1983	9:37	0.3	18.2	7.1	148
1983	6	145	6		5	42	39.19	73	44.41	10/11/1983	10:05	0.3	18.1	6.9	153
1984	1	14	4		266	40	52.925	73	56.648	7/27/1984	0:18	0.3	22	8.8	14901
1984	1	15	4		264	40	53.57	73	56.32	7/27/1984	0:17	0.3	22.5	8.6	14901
1984	1	18	4		260	40	56.889	73	55.1	7/27/1984	0:17	0.3	23	8.9	11201
1984	1	18	6		261	40	56.27	73	54.17	7/27/1984	0:19	0.3	22	8.1	15101
1984	1	22	6		256	40	59.97	73	53.05	7/27/1984	0:19	0.3	23	8.8	12001
1984	1	24	6		252	41	2.057	73	52.505	7/26/1984	0:21	0.3	25	9.8	9801
1984	1	24	6		253	41	1.169	73	52.711	7/26/1984	0:20	0.3	25	9.8	9801
1984	1	25	4		250	41	2.86	73	55.07	7/26/1984	0:19	0.3	25	9.1	7801
1984	1	25	4		270	41	2.783	73	55.05	7/26/1984	0:19	0.3	25.5	9	6301
1984	1	25	4		284	41	2.57	73	54.94	7/27/1984	0:15	0.3	23	8.8	
1984	1	25	6		251	41	2.46	73	52.42	7/26/1984	0:22	0.3	25.5	10.3	9301
1984	1	26	4		246	41	3.6	73	55.2	7/26/1984	0:17	0.3	24.5	9.5	6701
1984	1	26	4		271	41	3.77	73	55.22	7/26/1984	0:17	0.3	25	9.6	6401
1984	1	26	4		283	41	8.34	73	54.4	7/26/1984	0:18	0.3	25	9.3	7601
1984	1	26	6		247	41	3.891	73	52.077	7/26/1984	0:25	0.3	26	11.3	10031
1984	1	26	6		248	41	3.273	73	52.221	7/26/1984	0:24	0.3	26.5	10.4	18601

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1984	1	26	6		249	41	2.67	73	52.3	7/26/1984	0:23	0.3	25.5	9.9	12601
1984	1	27	4		245	41	4.19	73	55.21	7/26/1984	0:16	0.3	24.5	9.6	6301
1984	1	27	4		272	41	4.49	73	55.14	7/26/1984	0:16	0.3	24	8.6	6301
1984	1	28	6		244	41	5.33	73	52.33	7/26/1984	0:25	0.3	26	12.6	7001
1984	1	29	4		242	41	6.1	73	54.88	7/26/1984	0:15	0.3	24.5	8.9	5701
1984	1	30	4		241	41	7.14	73	54.77	7/24/1984	0:21	0.3	26	9.7	17601
1984	1	31	4		285	41	3.607	73	55.196	7/24/1984	0:20	0.3	25.5	8.7	4201
1984	1	32	4		239	41	8.81	73	54.6	7/24/1984	0:19	0.3	25	8.4	4051
1984	1	32	4		240	41	8.48	73	54.42	7/24/1984	0:20	0.3	25.5	7.9	4201
1984	1	32	4		240	41	8.48	73	54.42	7/27/1984	0:14	0.3	24	8.4	
1984	1	32	6		237	41	9.274	73	52.181	7/24/1984	0:22	0.3	26	9.1	8001
1984	1	32	6		269	41	9.445	73	52.243	7/24/1984	0:22	0.3	26	11.2	11001
1984	1	33	6		236	41	9.79	73	52.202	7/24/1984	0:23	0.3	27	12.4	19001
1984	1	35	4		230	41	10.59	73	56.39	7/24/1984	0:18	0.3	25	8.1	4501
1984	1	35	4		277	41	10.95	73	57.06	7/24/1984	0:17	0.3	25	7.8	4401
1984	1	35	6		232	41	11.172	73	53.996	7/24/1984	0:24	0.3	27	12.4	11001
1984	1	35	6		231	41	11.23	73	53.69	7/25/1984	0:14	0.3	26.5	9	3121
1984	1	35	6		274	41	11.17	73	53.71	7/25/1984	0:13	0.3	26.5	9	2011
1984	1	35	6		275	41	11.31	73	53.54	7/25/1984	0:14	0.3	26.5	9.8	2051
1984	1	36	4		227	41	11.02	73	57.41	7/24/1984	0:17	0.3	25	6.7	4221
1984	1	36	4		282	41	11.2	73	57.17	7/24/1984	0:16	0.3	25	7.2	4011
1984	1	36	6		228	41	12.25	73	53.5	7/25/1984	0:15	0.3	24.5	8.7	2231
1984	1	36	6		276	41	12.17	73	53.51	7/25/1984	0:14	0.3	25	9.4	2831
1984	1	38	4		221	41	13.43	73	57.79	7/24/1984	0:14	0.3	25	7.4	3321
1984	1	38	4		222	41	12.979	73	57.867	7/24/1984	0:15	0.3	25	7.7	3501
1984	1	38	4		278	41	12.96	73	57.828	7/24/1984	0:16	0.3	25	7.8	3591
1984	1	38	4		280	41	13.4	73	57.81	7/24/1984	0:14	0.3	25	7	2901
1984	1	39	4		215	41	13.62	73	58.34	7/25/1984	0:16	0.3	24.5	6.8	4831
1984	1	40	6		211	41	14.88	73	57.6	7/25/1984	0:25	0.3	26	7.6	6801
1984	1	40	6		212					7/25/1984	0:25	0.3	29	11	3701
1984	1	43	6		202	41	17.12	73	55.98	7/25/1984	0:23	0.3	27.5	7.6	2531
1984	1	43	6		204	41	16.693	73	56.484	7/25/1984	0:24	0.3	27.5	8.8	3091
1984	1	48	4		197	41	20.86	73	58.08	7/25/1984	0:22	0.3	26.5	9.4	1381
1984	1	49	4		196	41	21.16	73	57.74	7/25/1984	0:22	0.3	26	6.9	1471
1984	1	53	4		192	41	24.19	73	57.95	7/25/1984	0:19	0.3	25.5	6.7	1021
1984	1	53	6		191	41	24.882	73	57.554	7/25/1984	0:19	0.3	25.5	7.1	389
1984	1	55	6		189	41	25.66	73	58.14	7/25/1984	0:17	0.3	25	7.1	229
1984	1	57	4		186	41	27.28	74	0.8	7/26/1984	0:30	0.3	28	11.2	252
1984	1	58	4		184	41	27.78	74	0.7	7/26/1984	0:29	0.3	26.5	8.5	236
1984	1	59	6		178	41	29.25	73	59.32	7/26/1984	0:23	0.3	27	8	236
1984	1	59	6		179	41	29.24	73	59.34	7/26/1984	0:29	0.3	27.5	8.4	233
1984	1	59	6		180	41	29.08	73	59.37	7/26/1984	0:29	0.3	27.5	8.2	225
1984	1	59	6		181	41	29.04	73	59.33	7/26/1984	0:29	0.3	28	9.2	258

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	1	64	4		164	41	33.37	73	59.18	7/26/1984	0:27	0.3	27	7.5	226
1984	1	64	6		165	41	32.66	73	58.52	7/26/1984	0:27	0.3	33	7.4	251
1984	1	69	6		156	41	37.03	73	56.88	7/26/1984	0:21	0.3	26	6.2	222
1984	1	69	6		158	41	36.94	73	56.81	7/26/1984	0:22	0.3	26	7.4	226
1984	1	74	4		147	41	41.29	73	56.8	7/26/1984	0:19	0.3	26	7.6	222
1984	1	77	6		140	41	44.56	73	56.17	7/25/1984	0:30	0.3	26	8.5	213
1984	1	77	6		143	41	43.83	73	56.16	7/25/1984	0:27	0.3	26	8	221
1984	1	81	4		135	41	47.474	73	57.457	7/26/1984	0:17	0.3	25	8	212
1984	1	83	4		133	41	48.74	73	57.19	7/26/1984	0:17	0.3	25	8.2	211
1984	1	84	4		129	41	50.61	73	57.28	7/25/1984	0:26	0.3	26	9.6	202
1984	1	89	6		121	41	53.84	73	57.04	7/25/1984	0:25	0.3	26	9.2	199
1984	1	90	6		120	41	54.02	73	57.2	7/25/1984	0:24	0.3	26	9	200
1984	1	91	6		119	41	55.847	73	56.774	7/25/1984	0:24	0.3	27	10.2	196
1984	1	92	4		118	41	56.32	73	58.1	7/25/1984	0:23	0.3	26	10.1	209
1984	1	93	4		116	41	57.05	73	57.77	7/25/1984	0:22	0.3	26	10.2	186
1984	1	95	6		112	41	58.238	73	56.123	7/25/1984	0:21	0.3	26	10.2	187
1984	1	96	4		108	41	59.76	73	56.81	7/25/1984	0:22	0.3	25	9.9	183
1984	1	96	6		107	41	59.89	73	55.93	7/25/1984	0:20	0.3	25	9.4	185
1984	1	96	6		109	41	59.43	73	56.012	7/25/1984	0:21	0.3	25	10	183
1984	1	97	6		104	42	0.26	73	55.792	7/25/1984	0:20	0.3	25	9.3	188
1984	1	99	6		99	42	2.02	73	55.73	7/25/1984	0:19	0.3	25	9.1	182
1984	1	105	4		97	42	7.68	73	55.13	7/25/1984	0:17	0.3	25	9.6	186
1984	1	105	4		98	42	7.33	73	55.3	7/25/1984	0:18	0.3	25	9.9	186
1984	1	106	4		96	42	8.147	73	54.796	7/25/1984	0:17	0.3	25	9.4	189
1984	1	109	6		92	42	10.27	73	52.32	7/24/1984	0:27	0.3	26	11	193
1984	1	109	6		93	42	9.91	73	52.81	7/24/1984	0:28	0.3	27	11.2	202
1984	1	113	6		87	42	13.32	73	50.85	7/24/1984	0:27	0.3	26	10.8	186
1984	1	114	4		81	42	14.39	73	50.549	7/24/1984	0:26	0.3	27	12.8	193
1984	1	114	4		82	42	14.31	73	50.58	7/24/1984	0:26	0.3	27	12.9	189
1984	1	116	4		78					7/24/1984	0:25	0.3	27	12.5	186
1984	1	119	4		72	42	16.82	73	47.28	7/24/1984	0:21	0.3	26	10.3	191
1984	1	119	6		69	42	17.29	73	46.78	7/24/1984	0:21	0.3	26	10.2	192
1984	1	122	6		62	42	20.105	73	46.848	7/24/1984	0:20	0.3	26	9.5	191
1984	1	123	4		60	42	20.64	73	47.39	7/24/1984	0:19	0.3	26	9.4	186
1984	1	127	4		46	42	24.35	73	47.08	7/24/1984	0:19	0.3	26	8.6	183
1984	1	128	6		45					7/24/1984	0:19	0.3	25	8.3	182
1984	1	130	4		37	42	26.76	73	47.22	7/24/1984	0:17	0.3	25	7.5	181
1984	1	134	4		28	42	30.027	73	46.913	7/24/1984	0:17	0.3	25	7.6	180
1984	1	138	4		20	42	33.5	73	45.35	7/24/1984	0:16	0.3	25	7.8	166
1984	1	139	4		15	42	34.32	73	45.25	7/24/1984	0:14				
1984	1	139	4		16	42	34.31	73	45.21	7/24/1984	0:15	0.3	25	7.7	163
1984	1	139	4		19	42	34.03	73	45.26	7/24/1984	0:16	0.3	25	7.9	166
1984	1	152	4		1	42	44.51	73	41.196	7/24/1984	0:13				

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1984	2	13	4		267					8/7/1984	0:19	0.3	26	5.4	17201
1984	2	14	4		266	40	52.925	73	56.648	8/7/1984	0:17	0.3	26	5.5	17001
1984	2	15	4		263	40	54.252	73	55.961	8/7/1984	0:17	0.3	26	6.1	15001
1984	2	19	6		259	40	57.735	73	53.561	8/7/1984	0:20	0.3	26	6.2	15501
1984	2	21	6		257	40	59.13	73	53.13	8/7/1984	0:21	0.3	26.5	7	14501
1984	2	24	6		253	41	1.169	73	52.711	8/7/1984	0:22	0.3	27	7.7	11801
1984	2	25	4		270	41	2.783	73	55.05	8/8/1984	0:22	0.3	28	8.3	11801
1984	2	25	4		281	41	11.13	73	57.16	8/8/1984	0:23	0.3	28.5	8.4	12001
1984	2	25	6		251	41	2.46	73	52.42	8/7/1984	0:22	0.3	27.5	7.7	11501
1984	2	26	4		271	41	3.77	73	55.22	8/8/1984	0:19				
1984	2	26	4		246	41	3.6	73	55.2	8/8/1984	0:21	0.3	28	7.8	11501
1984	2	26	4		250	41	2.86	73	55.07	8/8/1984	0:22	0.3	27.5	7.6	11501
1984	2	26	4		283	41	8.34	73	54.4	8/8/1984	0:22	0.3	28	8.3	11501
1984	2	26	6		247	41	3.891	73	52.077	8/7/1984	0:24	0.3	28	8.1	11501
1984	2	26	6		248	41	3.273	73	52.221	8/7/1984	0:24	0.3	27.5	7.5	11501
1984	2	26	6		249	41	2.67	73	52.3	8/7/1984	0:23	0.3	28	8.5	11501
1984	2	26	6		247	41	3.891	73	52.077	8/9/1984	0:20	0.3	26	6	13701
1984	2	26	6		248	41	3.273	73	52.221	8/9/1984	0:21	0.3	26	5.6	14201
1984	2	26	6		249	41	2.67	73	52.3	8/9/1984	0:21	0.3	26.5	6.9	13501
1984	2	27	4		245	41	4.19	73	55.21	8/8/1984	0:19	0.3	27	7.3	11501
1984	2	27	4		272	41	4.49	73	55.14	8/8/1984	0:19	0.3	27	7	11201
1984	2	28	6		244	41	5.33	73	52.33	8/9/1984	0:19	0.3	27	7	11701
1984	2	29	4		242	41	6.1	73	54.88	8/8/1984	0:17	0.3	27	8.4	10801
1984	2	30	4		241	41	7.14	73	54.77	8/7/1984	0:15	0.3	26.5	6.8	10301
1984	2	30	4		241	41	7.14	73	54.77	8/8/1984	0:17	0.3	27	8.1	10001
1984	2	31	4		285	41	3.607	73	55.196	8/9/1984	0:17	0.3	26.5	7.3	10501
1984	2	32	4		240	41	8.48	73	54.42	8/7/1984	0:14	0.3	26.5	7	10101
1984	2	32	4		285	41	3.607	73	55.196	8/7/1984	0:14	0.3	26.5	7.3	10001
1984	2	32	4		239	41	8.81	73	54.6	8/9/1984	0:16	0.3	27	7.3	9501
1984	2	32	6		269	41	9.445	73	52.243	8/9/1984	0:19	0.3	26	8.3	9001
1984	2	34	6		234	41	10.19	73	53.93	8/8/1984	0:16	0.3	25.5	8.6	8501
1984	2	34	6		235	41	10.632	73	52.59	8/9/1984	0:17	0.3	25	8.3	9001
1984	2	35	4		230	41	10.59	73	56.39	8/9/1984	0:15	0.3	27	6.8	6801
1984	2	35	4		277	41	10.95	73	57.06	8/9/1984	0:14	0.3	27	6.9	7001
1984	2	35	6		231	41	11.23	73	53.69	8/6/1984	0:24	0.3	31	14.2	8701
1984	2	35	6		275	41	11.31	73	53.54	8/6/1984	0:25	0.3	31	14.2	8301
1984	2	35	6		232	41	11.172	73	53.996	8/8/1984	0:15	0.3	27	8.7	7501
1984	2	35	6		274	41	11.17	73	53.71	8/8/1984	0:15	0.3	27	9.1	7501
1984	2	36	4		226	41	11.8	73	57.5	8/6/1984	0:22	0.3	28.5	7.5	6251
1984	2	36	4		281	41	11.13	73	57.16	8/6/1984	0:23	0.3	28.5	10.3	7101
1984	2	36	6		276	41	12.17	73	53.51	8/8/1984	0:14	0.3	27	8.8	7801
1984	2	37	4		225	41	12.096	73	57.458	8/6/1984	0:22	0.3	28.5	7.7	6501
1984	2	38	4		223	41	12.89	73	57.806	8/6/1984	0:21	0.3	29	9.1	6401

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	2	38	4		279	41	13.36	73	57.82	8/6/1984	0:20	0.3	28	7.1	6101
1984	2	39	6		217	41	14.098	73	56.682	8/9/1984	0:24	0.3	27.5	9.3	7001
1984	2	39	6		219					8/10/1984	0:16	0.3	26.3	7	7501
1984	2	40	4		214	41	14.31	73	58.5	8/9/1984	0:23	0.3	28	9.1	5801
1984	2	40	6		211	41	14.88	73	57.6	8/6/1984	0:19	0.3	27	7.4	6001
1984	2	40	6		211	41	14.88	73	57.6	8/10/1984	0:16	0.3	26.5	6.2	6001
1984	2	41	6		208	41	15.72	73	50.84	8/6/1984	0:18	0.3	27.5	6	5201
1984	2	43	6		205	41	16.413	73	56.551	8/6/1984	0:17	0.3	26.5	7.3	3476
1984	2	48	4		197	41	20.86	73	58.08	8/9/1984	0:24	0.3	25.8	8	2022
1984	2	49	4		196	41	21.16	73	57.74	8/9/1984	0:23	0.3	25.6	6.6	2621
1984	2	51	6		195	41	22.87	73	50.61	8/9/1984	0:22	0.3	25.3	6.4	1851
1984	2	53	4		192	41	24.19	73	57.95	8/9/1984	0:21	0.3	25.3	6.4	1851
1984	2	55	6		189	41	25.66	73	58.14	8/9/1984	0:20	0.3	25.6	6.6	1021
1984	2	56	4		187	41	26.83	74	0.5	8/9/1984	0:19	0.3	25.8	7.7	691
1984	2	57	4		186	41	27.28	74	0.8	8/9/1984	0:19	0.3	25.9	8.1	423
1984	2	58	4		183	41	28.02	74	0.87	8/9/1984	0:18	0.3	25.8	8.2	701
1984	2	59	6		178	41	29.25	73	59.32	8/9/1984	0:17	0.3	25.6	6.9	661
1984	2	59	6		179	41	29.24	73	59.34	8/9/1984	0:17	0.3	25.6	6.8	641
1984	2	60	6		177	41	29.52	73	59.24	8/9/1984	0:17	0.3	25.8	4.7	651
1984	2	63	6		168	41	32.3	73	58.633	8/9/1984	0:16	0.3	26.3	7.2	331
1984	2	64	4		164	41	33.37	73	59.18	8/9/1984	0:15	0.3	26	7.2	259
1984	2	65	4		165	41	32.66	73	58.52	8/9/1984	0:14				
1984	2	69	6		156	41	37.03	73	56.88	8/8/1984	0:31	0.3	25.5	7.3	219
1984	2	73	6		150	41	40.28	73	56.49	8/8/1984	0:30	0.3	25.5	7	202
1984	2	76	4		144					8/8/1984	0:29	0.3	25	8.2	193
1984	2	77	6		143	41	43.83	73	56.16	8/8/1984	0:29	0.3	26	7.9	191
1984	2	78	6		138	41	45.18	73	56.22	8/8/1984	0:29	0.3	26	8.9	197
1984	2	81	6		136					8/8/1984	0:27	0.3	25	8	192
1984	2	83	6		132					8/8/1984	0:27	0.3	26	9.7	193
1984	2	84	4		129	41	50.61	73	57.28	8/8/1984	0:24	0.3	27	10.6	200
1984	2	86	4		126	41	51.44	73	56.97	8/8/1984	0:24	0.3	27	15.1	202
1984	2	86	6		125	41	51.75	73	55.89	8/8/1984	0:24	0.3	27	14	103
1984	2	87	4		123	41	52.616	73	57.292	8/8/1984	0:23	0.3	27	13.9	193
1984	2	89	6		121	41	53.84	73	57.04	8/8/1984	0:22	0.3	26	10.2	193
1984	2	91	6		119	41	55.847	73	56.774	8/8/1984	0:22	0.3	26.5	11.1	192
1984	2	94	4		113	41	58.38	73	57.25	8/8/1984	0:21	0.3	27	11.2	90
1984	2	95	6		112	41	58.238	73	56.123	8/8/1984	0:19	0.3	26.5	11	185
1984	2	96	4		105	42	0.22	73	56.65	8/8/1984	0:20	0.3	26	10.9	190
1984	2	96	4		110	41	59.4	73	56.94	8/8/1984	0:20	0.3	28	11.3	91
1984	2	96	6		109	41	59.43	73	56.012	8/8/1984	0:19	0.3	27	12	189
1984	2	97	6		104	42	0.26	73	55.792	8/8/1984	0:18	0.3	26	10.4	212
1984	2	98	4		101	42	1.426	73	56.456	8/8/1984	0:17	0.3	25.5	10.4	192
1984	2	105	4		97	42	7.68	73	55.13	8/8/1984	0:15	0.3	26	10	210

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1984	2	105	4		98	42	7.33	73	55.3	8/8/1984	0:16	0.3	26	10.1	211
1984	2	110	6		90	42	11.04	73	51.38	8/7/1984	0:27	0.3	27	10.8	190
1984	2	112	4		88	42	12.69	73	51.26	8/7/1984	0:25	0.3	26	10.5	193
1984	2	113	4		86	42	13.12	73	51.33	8/7/1984	0:26	0.3	26	10.9	187
1984	2	114	4		81	42	14.39	73	50.549	8/7/1984	0:23	0.3	26	11.2	183
1984	2	114	4		82	42	14.31	73	50.58	8/7/1984	0:24	0.3	27	11	181
1984	2	114	4		83	42	14.26	73	50.71	8/7/1984	0:24	0.3	26.5	10.8	182
1984	2	116	4		78					8/7/1984	0:24	0.3	26	11.2	192
1984	2	119	6		72	42	16.82	73	47.28	8/7/1984	0:22	0.3	27	11.6	182
1984	2	121	6		66	42	19.33	73	46.85	8/7/1984	0:21	0.3	26.5	11.4	182
1984	2	123	4		60	42	20.64	73	47.39	8/7/1984	0:21	0.3	26.5	11.8	181
1984	2	126	4		49	42	23.4	73	47.52	8/7/1984	0:20	0.3	26	11.4	182
1984	2	128	6		43	42	25.02	73	46.62	8/7/1984	0:19	0.3	26.5	10.4	184
1984	2	130	4		37	42	26.76	73	47.22	8/7/1984	0:19	0.3	26.5	9.6	183
1984	2	132	6		31	42	28.65	73	47.09	8/7/1984	0:18	0.3	26.5	8.8	180
1984	2	135	4		25	42	31.16	73	46.06	8/7/1984	0:17	0.3	26.5	7.8	180
1984	2	139	4		19	42	34.03	73	45.26	8/7/1984	0:17	0.3	26.5	8.3	181
1984	2	140	4		13	42	34.59	73	45.25	8/7/1984	0:16	0.3	26	8.3	175
1984	3	14	4		265					8/23/1984	0:17	0.3	23.9	6.1	18801
1984	3	15	4		264	40	53.57	73	56.32	8/23/1984	0:17	0.3	23.8	6.3	18801
1984	3	18	6		261	40	56.27	73	54.17	8/23/1984	0:19	0.3	24	6.6	12701
1984	3	19	6		259	40	57.735	73	53.561	8/23/1984	0:19	0.3	24.1	7.3	12701
1984	3	22	6		256	40	59.97	73	53.05	8/23/1984	0:21	0.3	24.6	7.8	10901
1984	3	25	4		250	41	2.86	73	55.07	8/20/1984	0:22	0.3	26	9.4	9201
1984	3	25	4		270	41	2.783	73	55.05	8/20/1984	0:23	0.3	26.2	9.2	9501
1984	3	25	4		250	41	2.86	73	55.07	8/23/1984	0:24	0.3	25.4	8.4	10701
1984	3	25	6		251	41	2.46	73	52.42	8/20/1984	0:24				
1984	3	25	6		251	41	2.46	73	52.42	8/23/1984	0:22	0.3	24.5	8.8	11601
1984	3	26	4		271	41	3.77	73	55.22	8/20/1984	0:22	0.3	25.5	9.2	9101
1984	3	26	4		271	41	3.77	73	55.22	8/23/1984	0:26	0.3	25.8	8.6	10601
1984	3	26	4		283	41	8.34	73	54.4	8/23/1984	0:25	0.3	26.1	8.8	10701
1984	3	26	6		248	41	3.273	73	52.221	8/20/1984	0:25	0.3	25.8	8.8	10001
1984	3	26	6		249	41	2.67	73	52.3	8/23/1984	0:22	0.3	24.6	8.3	11201
1984	3	26	6		249	41	2.67	73	52.3	8/23/1984	0:22	0.3	25	9.3	11401
1984	3	27	4		245	41	4.19	73	55.21	8/20/1984	0:22	0.3	25.9	9.2	8901
1984	3	27	4		245	41	4.19	73	55.21	8/23/1984	0:26	0.3	26	9.9	10401
1984	3	28	6		244	41	5.33	73	52.33	8/20/1984	0:26	0.3	25.2	8.5	7901
1984	3	28	6		244	41	5.33	73	52.33	8/23/1984	0:23	0.3	25.5	8.6	9951
1984	3	29	4		242	41	6.1	73	54.88	8/20/1984	0:21	0.3	25.9	8.7	7501
1984	3	29	4		242	41	6.1	73	54.88	8/23/1984	0:28	0.3	26.5	9.3	10501
1984	3	30	4		241	41	7.14	73	54.77	8/20/1984	0:20	0.3	25	11.4	7901
1984	3	30	4		241	41	7.14	73	54.77	8/24/1984	0:16	0.3	24.2	8.1	10101
1984	3	31	4		285	41	3.607	73	55.196	8/20/1984	0:19	0.3	26.2	7.8	6091

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	3	31	4		285	41	3.607	73	55.196	8/23/1984	0:29	0.3	26	7.9	10001
1984	3	32	4		240	41	8.48	73	54.42	8/20/1984	0:19	0.3	26.2	7.6	6901
1984	3	32	4		239	41	8.81	73	54.6	8/23/1984	0:29	0.3	26	7.7	9801
1984	3	32	4		240	41	8.48	73	54.42	8/23/1984	0:29	0.3	26	8.1	10001
1984	3	32	6		269	41	9.445	73	52.243	8/24/1984	0:20	0.3	24.5	8.5	10001
1984	3	34	6		234	41	10.19	73	53.93	8/24/1984	0:21				
1984	3	34	6		233	41	10.662	73	53.922	8/25/1984	0:18	0.3	24.7	8.5	10201
1984	3	34	6		234	41	10.19	73	53.93	8/25/1984	0:19	0.3	24	10.9	10001
1984	3	35	4		230	41	10.59	73	56.39	8/23/1984	0:31	0.3	26.5	7.9	10001
1984	3	35	4		277	41	10.95	73	57.06	8/23/1984	0:30	0.3	26.8	8.8	11001
1984	3	35	6		231	41	11.23	73	53.69	8/25/1984	0:17	0.3	24	8.7	9101
1984	3	35	6		274	41	11.17	73	53.71	8/25/1984	0:17	0.3	24	9	9501
1984	3	35	6		275	41	11.31	73	53.54	8/25/1984	0:17	0.3	23.5	8.9	8901
1984	3	36	4		226	41	11.8	73	57.5	8/23/1984	0:29	0.3	27.2	8.6	11001
1984	3	36	4		281	41	11.13	73	57.16	8/23/1984	0:29	0.3	26.9	8.6	10001
1984	3	36	6		228	41	12.25	73	53.5	8/24/1984	0:22	0.3	25.1	9	8301
1984	3	36	6		276	41	12.17	73	53.51	8/25/1984	0:16	0.3	24	7.5	9801
1984	3	37	4		224					8/23/1984	0:29	0.3	26.7	8.9	11001
1984	3	37	4		225	41	12.096	73	57.458	8/23/1984	0:29	0.3	27	8.2	11001
1984	3	38	4		280	41	13.4	73	57.81	8/23/1984	0:29	0.3	26.8	9	10001
1984	3	40	6		210	41	14.87	73	57.74	8/23/1984	0:28	0.3	26.8	6.6	9001
1984	3	40	6		211	41	14.88	73	57.6	8/23/1984	0:28	0.3	26.8	8.2	11001
1984	3	41	6		208	41	15.72	73	50.84	8/23/1984	0:27	0.3	26.5	6.8	8101
1984	3	46	4		198	41	19.7	73	59	8/23/1984	0:26	0.3	26.5	6.1	5801
1984	3	46	6		199	41	19.42	73	58.77	8/23/1984	0:27	0.3	26.6	6.6	6001
1984	3	49	4		196	41	21.16	73	57.74	8/23/1984	0:26	0.3	26.5	6.2	4501
1984	3	51	6		195	41	22.87	73	50.61	8/23/1984	0:25	0.3	27	7.9	4601
1984	3	53	4		192	41	24.19	73	57.95	8/23/1984	0:23	0.3	26	6.4	3301
1984	3	53	6		191	41	24.882	73	57.554	8/23/1984	0:24	0.3	26.7	10	3001
1984	3	55	6		189	41	25.66	73	58.14	8/23/1984	0:22	0.3	26.1	6.8	2421
1984	3	56	4		188	41	26.47	73	59.66	8/23/1984	0:22				
1984	3	57	4		185	41	27.68	74	0.73	8/23/1984	0:22	0.3	26.3	9	1301
1984	3	58	4		183	41	28.02	74	0.87	8/23/1984	0:21	0.3	26.2	8.7	1151
1984	3	59	6		178	41	29.25	73	59.32	8/23/1984	0:20	0.3	25	7	891
1984	3	59	6		181	41	29.04	73	59.33	8/23/1984	0:21	0.3	25.1	7.6	821
1984	3	60	6		177	41	29.52	73	59.24	8/23/1984	0:16				
1984	3	60	6		177	41	29.52	73	59.24	8/23/1984	0:20	0.3	25	7.5	841
1984	3	62	6		172	41	31.54	73	58.97	8/23/1984	0:16	0.3	26.3	6.7	791
1984	3	63	4		166					8/23/1984	0:15	0.3	26.2	6.5	821
1984	3	64	4		163	41	33.48	73	59.05	8/23/1984	0:15	0.3	26	6.5	851
1984	3	69	6		158	41	36.94	73	56.81	8/22/1984	0:31	0.3	26	7.4	246
1984	3	73	6		150	41	40.28	73	56.49	8/22/1984	0:30	0.3	26	7.1	236
1984	3	77	6		143	41	43.83	73	56.16	8/22/1984	0:30	0.3	26	7.4	236

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	3	78	6		138	41	45.18	73	56.22	8/22/1984	0:29	0.3	25.6	7.9	228
1984	3	82	4		134	41	48.51	73	57.22	8/22/1984	0:29	0.3	26	8.9	230
1984	3	83	6		132					8/22/1984	0:28	0.3	26	9.2	231
1984	3	84	4		129	41	50.61	73	57.28	8/22/1984	0:27	0.3	25.9	9.6	226
1984	3	88	6		121	41	53.84	73	57.04	8/22/1984	0:27	0.3	25.9	9.6	226
1984	3	90	6		120	41	54.02	73	57.2	8/22/1984	0:26	0.3	26.5	5.4	231
1984	3	91	6		119	41	55.847	73	56.774	8/22/1984	0:25	0.3	26.2	10.5	230
1984	3	92	4		118	41	56.32	73	58.1	8/22/1984	0:24	0.3	25.8	11.6	226
1984	3	93	4		116	41	57.05	73	57.77	8/22/1984	0:24	0.3	26.9	9.4	263
1984	3	94	4		115	41	57.78	73	57.47	8/22/1984	0:22	0.3	26	11	220
1984	3	96	4		108	41	59.76	73	56.81	8/22/1984	0:22	0.3	26	10.7	221
1984	3	96	6		107	41	59.89	73	55.93	8/22/1984	0:21	0.3	25.9	10.6	220
1984	3	96	6		109	41	59.43	73	56.012	8/22/1984	0:22	0.3	26.2	10.2	222
1984	3	97	6		104	42	0.26	73	55.792	8/22/1984	0:20	0.3	26.2	12.7	213
1984	3	99	6		99	42	2.02	73	55.73	8/22/1984	0:19	0.3	25.4	11.1	213
1984	3	105	4		97	42	7.68	73	55.13	8/22/1984	0:17	0.3	25.3	8.7	216
1984	3	105	4		98	42	7.33	73	55.3	8/22/1984	0:19	0.3	26	9	219
1984	3	106	4		96	42	8.147	73	54.796	8/22/1984	0:17	0.3	25.1	8.7	213
1984	3	107	4		95	42	8.94	73	54.32	8/22/1984	0:17	0.3	25.5	8.8	211
1984	3	112	4		88	42	12.69	73	51.26	8/21/1984	0:26	0.3	25.6	8.7	216
1984	3	113	6		87	42	13.32	73	50.85	8/21/1984	0:25	0.3	25.9	9.5	211
1984	3	117	6		76	42	15.84	73	47.69	8/21/1984	0:24	0.3	25.5	9.8	243
1984	3	119	4		72	42	16.82	73	47.28	8/21/1984	0:22	0.3	25.2	9.5	221
1984	3	119	6		71	42	17.16	73	46.8	8/21/1984	0:23	0.3	26.1	11.4	233
1984	3	121	4		68	42	18.53	73	47.1	8/21/1984	0:22	0.3	25.5	10.5	235
1984	3	122	6		64	42	19.9	73	46.8	8/21/1984	0:21	0.3	25.4	10.4	241
1984	3	123	4		60	42	20.64	73	47.39	8/21/1984	0:21	0.3	25.5	9.7	239
1984	3	124	6		56	42	21.49	73	47.29	8/21/1984	0:20	0.3	26	10.9	230
1984	3	126	4		48	42	23.65	73	47.38	8/21/1984	0:19	0.3	25.6	8.4	231
1984	3	129	4		41	42	25.79	73	46.99	8/21/1984	0:19	0.3	26	7.3	232
1984	3	131	6		34					8/21/1984	0:19	0.3	25.6	6.8	231
1984	3	134	4		27	42	30.17	73	46.88	8/21/1984	0:17	0.3	25.2	6.5	230
1984	3	138	4		20	42	33.5	73	45.35	8/21/1984	0:17	0.3	24.5	6.7	219
1984	3	140	4		13	42	34.59	73	45.25	8/21/1984	0:16	0.3	24.6	6.6	216
1984	3	141	4		9					8/21/1984	0:15	0.3	23.5	6.6	240
1984	4	14	4		266	40	52.925	73	56.648	9/5/1984	0:17	0.3	21.5	7.8	17501
1984	4	15	4		263	40	54.252	73	55.961	9/5/1984	0:19	0.3	22	7.4	14901
1984	4	15	4		264	40	53.57	73	56.32	9/5/1984	0:18	0.3	22	7.7	16011
1984	4	18	4		260	40	56.889	73	55.1	9/5/1984	0:20	0.3	22.2	8.5	13601
1984	4	23	6		255	41	0.74	73	52.83	9/5/1984	0:22	0.3	22.9	9.5	13001
1984	4	25	4		250	41	2.86	73	55.07	9/4/1984	0:22	0.3	20.5	8	12801
1984	4	25	4		270	41	2.783	73	55.05	9/4/1984	0:22	0.3	22	8	12501
1984	4	25	4		284	41	2.57	73	54.94	9/4/1984	0:23	0.3	22	8.4	12201

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	4	25	4		250	41	2.86	73	55.07	9/6/1984	0:19	0.3	20.3	10.8	10501
1984	4	25	4		270	41	2.783	73	55.05	9/6/1984	0:19	0.3	20.7	10	10801
1984	4	25	6		251	41	2.46	73	52.42	9/6/1984	0:21	0.3	21.9	8.8	11901
1984	4	26	4		245	41	4.19	73	55.21	9/4/1984	0:22	0.3	22.4	8.1	12201
1984	4	26	4		283	41	8.34	73	54.4	9/4/1984	0:22	0.3	22.5	8.5	12801
1984	4	26	4		271	41	3.77	73	55.22	9/6/1984	0:17	0.3	20.3	9.8	11001
1984	4	26	4		283	41	8.34	73	54.4	9/6/1984	0:17	0.3	20.2	10.2	10901
1984	4	26	6		247	41	3.891	73	52.077	9/4/1984	0:24	0.3	23.2	6.8	14901
1984	4	26	6		248	41	3.273	73	52.221	9/4/1984	0:24	0.3	23.2	6.9	14201
1984	4	26	6		248	41	3.273	73	52.221	9/6/1984	0:22	0.3	22	9.2	11201
1984	4	26	6		249	41	2.67	73	52.3	9/6/1984	0:22	0.3	22	8.2	12101
1984	4	27	4		272	41	4.49	73	55.14	9/4/1984	0:20	0.3	22.1	8.2	12001
1984	4	27	4		272	41	4.49	73	55.14	9/6/1984	0:16	0.3	20.5	9.2	10901
1984	4	28	6		244	41	5.33	73	52.33	9/4/1984	0:24	0.3	22.8	8	11401
1984	4	28	6		243	41	5.683	73	52.214	9/6/1984	0:23	0.3	21.8	10	10001
1984	4	28	6		244	41	5.33	73	52.33	9/6/1984	0:22	0.3	22	9.5	10201
1984	4	29	4		242	41	6.1	73	54.88	9/4/1984	0:19	0.3	22.3	8.2	12001
1984	4	30	4		241	41	7.14	73	54.77	9/6/1984	0:15	0.3	21	9.2	9901
1984	4	31	4		285	41	3.607	73	55.196	9/4/1984	0:19	0.3	23.2	7.7	10801
1984	4	32	4		240	41	8.48	73	54.42	9/4/1984	0:19	0.3	23.2	7.5	10801
1984	4	32	4		239	41	8.81	73	54.6	9/6/1984	0:14	0.3	22	8.9	8901
1984	4	34	6		233	41	10.662	73	53.922	9/7/1984	0:19	0.3	21.5	9.1	8901
1984	4	34	6		234	41	10.19	73	53.93	9/7/1984	0:19	0.3	21.2	9.6	9001
1984	4	35	4		229	41	10.59	73	56.41	9/5/1984	0:25	0.3	23.5	10.4	7901
1984	4	35	4		230	41	10.59	73	56.39	9/5/1984	0:24	0.3	24.5	11	8001
1984	4	35	4		277	41	10.95	73	57.06	9/5/1984	0:26	0.3	23.5	11	8001
1984	4	35	6		232	41	11.172	73	53.996	9/7/1984	0:17	0.3	21.4	8.7	8101
1984	4	36	4		281	41	11.13	73	57.16	9/5/1984	0:26	0.3	23.5	10.4	8001
1984	4	36	4		282	41	11.2	73	57.17	9/5/1984	0:27	0.3	23.6	10.3	8001
1984	4	36	6		228	41	12.25	73	53.5	9/7/1984	0:16	0.3	20	9.1	7801
1984	4	36	6		276	41	12.17	73	53.51	9/7/1984	0:17	0.3	20.4	8.8	7901
1984	4	37	4		225	41	12.096	73	57.458	9/6/1984	0:25	0.3	23.3	9.4	7101
1984	4	38	4		221	41	13.43	73	57.79	9/6/1984	0:26	0.3	23	10	7501
1984	4	38	4		280	41	13.4	73	57.81	9/6/1984	0:26	0.3	23	10.2	7401
1984	4	38	6		120	41	54.02	73	57.2	9/7/1984	0:16	0.3	20.7	8.5	7001
1984	4	39	4		215	41	13.62	73	58.34	9/7/1984	0:21	0.3	22.5	9.5	6901
1984	4	39	6		218	41	14.02	73	56.4	9/7/1984	0:20	0.3	21.9	9.3	8001
1984	4	40	6		211	41	14.88	73	57.6	9/7/1984	0:22	0.3	24.1	8.2	7301
1984	4	42	4		206	41	16.412	73	58.1	9/7/1984	0:20	0.3	24.6	9.3	7001
1984	4	46	4		198	41	19.7	73	59	9/7/1984	0:20	0.3	24	7	5501
1984	4	51	6		195	41	22.87	73	50.61	9/7/1984	0:19	0.3	23.9	8.5	2451
1984	4	52	6		194	41	24.12	73	56.81	9/7/1984	0:19	0.3	24	7.2	2901
1984	4	53	4		192	41	24.19	73	57.95	9/7/1984	0:18	0.3	23.8	7.3	2391

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	4	53	6		190	41	24.961	73	57.702	9/7/1984	0:18	0.3	23.5	7.7	1501
1984	4	55	6		189	41	25.66	73	58.14	9/7/1984	0:17	0.3	23.2	7.6	1501
1984	4	57	4		185	41	27.68	74	0.73	9/7/1984	0:17	0.3	22.1	8.5	701
1984	4	57	4		186	41	27.28	74	0.8	9/7/1984		0.3	21.5	9.4	881
1984	4	59	6		179	41	29.24	73	59.34	9/7/1984	0:15	0.3	21.2	7.6	751
1984	4	59	6		180	41	29.08	73	59.37	9/7/1984	0:16	0.3	20	7.8	801
1984	4	59	6		181	41	29.04	73	59.33	9/7/1984	0:16	0.3	21.5	7.7	861
1984	4	61	6		175	41	30.57	73	59.13	9/7/1984	0:15	0.3	21.8	7.6	791
1984	4	64	4		164	41	33.37	73	59.18	9/7/1984	0:14	0.3	23.2	7.4	306
1984	4	65	4		162	41	33.99	73	58.39	9/7/1984	0:14	0.3	22.8	7.2	280
1984	4	69	6		156	41	37.03	73	56.88	9/6/1984	0:30	0.3	23.8	6.9	213
1984	4	72	6		152	41	39.77	73	56.55	9/6/1984	0:30	0.3	23.5	6.9	213
1984	4	73	6		150	41	40.28	73	56.49	9/6/1984	0:29	0.3	23.5	6.9	211
1984	4	78	4		139	41	44.786	73	56.758	9/6/1984	0:29	0.3	23.2	7.6	204
1984	4	80	6		137	41	46.14	73	56.82	9/6/1984	0:28	0.3	23	7.2	203
1984	4	81	6		136					9/6/1984	0:27	0.3	22.8	8.5	203
1984	4	82	4		134	41	48.51	73	57.22	9/6/1984	0:27	0.3	22.8	8.1	203
1984	4	85	6		127	41	51.18	73	56.5	9/6/1984	0:26	0.3	22.6	8.8	202
1984	4	88	6		122	41	53.023	73	56.214	9/6/1984	0:25	0.3	22.7	8	204
1984	4	91	6		119	41	55.847	73	56.774	9/6/1984	0:24	0.3	22.3	9	219
1984	4	92	4		118	41	56.32	73	58.1	9/6/1984	0:24	0.3	22	9.4	219
1984	4	93	4		116	41	57.05	73	57.77	9/6/1984	0:23	0.3	22.2	9.3	218
1984	4	93	6		117	41	57.036	73	56.721	9/6/1984	0:24	0.3	22.1	9.3	236
1984	4	94	4		113	41	58.38	73	57.25	9/6/1984	0:22	0.3	22.8	8.7	216
1984	4	94	6		114	41	58.085	73	56.467	9/6/1984	0:22	0.3	22.2	9.4	220
1984	4	96	4		105	42	0.22	73	56.65	9/6/1984	0:21	0.3	21.8	8.8	219
1984	4	96	6		107	41	59.89	73	55.93	9/6/1984	0:22	0.3	22.8	8.8	218
1984	4	97	4		102	42	0.83	73	56.38	9/6/1984	0:18	0.3	22.2	9.3	211
1984	4	97	4		103	42	0.5	73	56.51	9/6/1984	0:20	0.3	21.5	9	213
1984	4	97	6		104	42	0.26	73	55.792	9/6/1984	0:22	0.3	21.8	9.1	219
1984	4	98	4		100	42	1.67	73	56.54	9/6/1984	0:17	0.3	21.8	8.7	216
1984	4	106	4		96	42	8.147	73	54.796	9/5/1984	0:25	0.3	22.3	7.7	228
1984	4	108	6		94	42	9.56	73	53.18	9/5/1984	0:24	0.3	20.8	8.4	229
1984	4	109	6		93	42	9.91	73	52.81	9/5/1984	0:24	0.3	22.2	8	221
1984	4	114	4		83	42	14.26	73	50.71	9/5/1984	0:23	0.3	22.3	7.5	229
1984	4	116	6		77	42	15.02	73	48.31	9/5/1984	0:22	0.3	22.2	7.3	226
1984	4	119	4		72	42	16.82	73	47.28	9/5/1984	0:22	0.3	22.2	8.1	219
1984	4	119	6		69	42	17.29	73	46.78	9/5/1984	0:21	0.3	22.3	8.6	211
1984	4	121	4		65	42	19.307	73	47.217	9/5/1984	0:21	0.3	22.5	7.3	212
1984	4	122	4		61	42	20.29	73	47.24	9/5/1984	0:20	0.3	22.9	7.7	209
1984	4	123	4		60	42	20.64	73	47.39	9/5/1984	0:19	0.3	22.8	7.8	204
1984	4	124	6		58					9/5/1984	0:19	0.3	22.5	6.8	193
1984	4	126	4		49	42	23.4	73	47.52	9/5/1984	0:18	0.3	22.5	7.6	200

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	4	129	6		42	42	25.226	73	46.523	9/5/1984	0:17	0.3	22.1	6.6	200
1984	4	134	4		27	42	30.17	73	46.88	9/5/1984	0:16	0.3	21.2	6.8	211
1984	4	135	4		25	42	31.16	73	46.06	9/5/1984	0:16	0.3	20.5	6.3	204
1984	4	138	4		23	42	33.14	73	45.46	9/5/1984	0:15	0.3	21	6.8	431
1984	4	139	4		15	42	34.32	73	45.25	9/5/1984	0:14	0.3	20.8	6.8	771
1984	4	143	6		7	42	37.48	73	45.14	9/5/1984	0:14	0.3	20.3	7.4	801
1984	5	12	4		268					9/17/1984	0:17	0.3	21	7.2	16001
1984	5	14	4		265					9/17/1984	0:17	0.3	20.8	7.5	14501
1984	5	15	4		263	40	54.252	73	55.961	9/17/1984	0:17	0.3	20.7	7.6	14901
1984	5	18	6		261	40	56.27	73	54.17	9/17/1984	0:19	0.3	20.9	7.5	14501
1984	5	22	6		256	40	59.97	73	53.05	9/17/1984	0:19	0.3	21	8.2	11101
1984	5	24	6		252	41	2.057	73	52.505	9/17/1984	0:20	0.3	21	8.3	11501
1984	5	24	6		253	41	1.169	73	52.711	9/19/1984	0:24				
1984	5	25	4		270	41	2.783	73	55.05	9/17/1984	0:22	0.3	19.8	10	10901
1984	5	25	4		250	41	2.86	73	55.07	9/19/1984	0:22	0.3	21.8	11.5	10401
1984	5	25	4		270	41	2.783	73	55.05	9/19/1984	0:23	0.3	21.7	10.5	10601
1984	5	25	6		251	41	2.46	73	52.42	9/17/1984	0:20	0.3	20.3	8.6	11001
1984	5	25	6		251	41	2.46	73	52.42	9/19/1984	0:25	0.3	22.1	10.6	10101
1984	5	26	4		245	41	4.19	73	55.21	9/17/1984	0:22	0.3	20.1	10.2	10701
1984	5	26	4		271	41	3.77	73	55.22	9/17/1984	0:23	0.3	20.5	10.2	11001
1984	5	26	4		283	41	8.34	73	54.4	9/17/1984	0:22	0.3	20	10.5	11001
1984	5	26	4		271	41	3.77	73	55.22	9/19/1984	0:22	0.3	22	10.3	10001
1984	5	26	6		249	41	2.67	73	52.3	9/17/1984	0:21	0.3	21.9	8	11101
1984	5	26	6		247	41	3.891	73	52.077	9/19/1984	0:26	0.3	22.2	11.1	9901
1984	5	29	4		242	41	6.1	73	54.88	9/17/1984	0:24	0.3	21.6	9.3	9201
1984	5	29	4		242	41	6.1	73	54.88	9/19/1984	0:21	0.3	22.5	10.1	7901
1984	5	30	4		241	41	7.14	73	54.77	9/17/1984	0:24	0.3	22	10	8901
1984	5	30	4		241	41	7.14	73	54.77	9/19/1984	0:20	0.3	22	11.7	8401
1984	5	31	4		285	41	3.607	73	55.196	9/19/1984	0:19	0.3	22.7	10.1	7901
1984	5	32	4		239	41	8.81	73	54.6	9/17/1984	0:25	0.3	22.2	8.5	7501
1984	5	32	4		240	41	8.48	73	54.42	9/17/1984	0:25	0.3	22	8.3	8201
1984	5	32	4		239	41	8.81	73	54.6	9/19/1984	0:19	0.3	22.3	8.7	7501
1984	5	32	6		237	41	9.274	73	52.181	9/17/1984	0:26	0.3	21.5	9.3	9001
1984	5	32	6		237	41	9.274	73	52.181	9/19/1984	0:27	0.3	22.5	10.1	8001
1984	5	32	6		238	41	8.85	73	52.123	9/19/1984	0:27	0.3	22.8	9.9	7901
1984	5	32	6		269	41	9.445	73	52.243	9/19/1984	0:28	0.3	22.7	9.4	7701
1984	5	33	6		236	41	9.79	73	52.202	9/17/1984	0:27	0.3	21.9	9.2	8801
1984	5	34	6		233	41	10.662	73	53.922	9/18/1984	0:21	0.3	22	12.3	8001
1984	5	34	6		234	41	10.19	73	53.93	9/18/1984	0:22	0.3	22.3	8.5	7901
1984	5	35	4		277	41	10.95	73	57.06	9/18/1984	0:24	0.3	23.3	9.5	6501
1984	5	35	6		231	41	11.23	73	53.69	9/18/1984	0:19	0.3	21.3	9.8	7601
1984	5	35	6		232	41	11.172	73	53.996	9/18/1984	0:21	0.3	21.9	9.9	8001
1984	5	35	6		274	41	11.17	73	53.71	9/18/1984	0:20	0.3	21.9	9.3	7901

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1984	5	35	6		275	41	11.31	73	53.54	9/18/1984	0:19	0.3	21.2	10.8	7601
1984	5	36	4		282	41	11.2	73	57.17	9/18/1984	0:24	0.3	23.3	9.2	6601
1984	5	36	6		276	41	12.17	73	53.51	9/18/1984	0:18	0.3	20.6	9.4	7201
1984	5	37	4		224					9/18/1984	0:24	0.3	23.5	8.6	6501
1984	5	37	4		225	41	12.096	73	57.458	9/18/1984	0:24	0.3	23.9	8.5	6701
1984	5	38	4		223	41	12.89	73	57.806	9/18/1984	0:25	0.3	23.8	8.7	6201
1984	5	38	4		279	41	13.36	73	57.82	9/18/1984	0:25	0.3	24	9	6001
1984	5	38	6		220					9/18/1984	0:14	0.3	20.1	7.6	6501
1984	5	40	6		213	41	14.64	73	57.15	9/18/1984	0:29	0.3	23.5	8.7	6201
1984	5	42	6		208	41	15.72	73	50.84	9/18/1984	0:26	0.3	24.1	7.6	5101
1984	5	43	6		202	41	17.12	73	55.98	9/18/1984	0:27	0.3	23.9	8.7	3801
1984	5	43	6		203	41	16.91	73	56.26	9/18/1984	0:28	0.3	23.8	8.7	4251
1984	5	44	6		201	41	17.74	73	56.87	9/18/1984	0:27	0.3	23.5	7.8	3501
1984	5	51	6		195	41	22.87	73	50.61	9/20/1984	0:16	0.3	21.8	6.8	2371
1984	5	52	6		193	41	24.12	73	57.31	9/20/1984	0:17	0.3	23	8.1	1791
1984	5	52	6		194	41	24.12	73	56.81	9/20/1984	0:17	0.3	22.3	7.1	
1984	5	54	6		190	41	24.961	73	57.702	9/20/1984	0:18	0.3	23.1	8.5	1831
1984	5	55	6		189	41	25.66	73	58.14	9/20/1984	0:19	0.3	22.6	7.7	1501
1984	5	56	4		188	41	26.47	73	59.66	9/20/1984	0:21	0.3	23.2	8.7	821
1984	5	57	4		185	41	27.68	74	0.73	9/20/1984	0:24	0.3	25.2	13.6	471
1984	5	58	4		184	41	27.78	74	0.7	9/20/1984	0:22	0.3	23.8	12.1	499
1984	5	59	6		179	41	29.24	73	59.34	9/20/1984	0:23	0.3	23.1	8.7	412
1984	5	59	6		180	41	29.08	73	59.37	9/20/1984	0:22	0.3	22.8	8.6	432
1984	5	61	4		174	41	31.15	74	0.37	9/20/1984	0:24	0.3	23.9	9.1	249
1984	5	62	4		171	41	32.19	73	59.91	9/20/1984	0:31	0.3	22.1	7.8	321
1984	5	62	6		172	41	31.54	73	58.97	9/20/1984	0:31	0.3	22.5	9.2	341
1984	5	66	6		161	41	34.88	73	56.84	9/20/1984	0:30	0.3	21.8	8	238
1984	5	72	4		151	41	40.04	73	57.11	9/20/1984	0:21	0.3	21.2	7.5	226
1984	5	76	4		144					9/20/1984	0:29	0.3	21	8.2	232
1984	5	77	6		142	41	43.92	73	56.14	9/20/1984	0:28	0.3	21.1	7.8	206
1984	5	77	6		143	41	43.83	73	56.16	9/20/1984	0:29	0.3	21	7.7	213
1984	5	81	4		135	41	47.474	73	57.457	9/20/1984	0:27	0.3	20.5	9.1	207
1984	5	83	4		131	41	49.33	73	57.31	9/20/1984	0:26	0.3	20.3	9.3	209
1984	5	83	4		133	41	48.74	73	57.19	9/20/1984	0:27	0.3	20.1	8.7	209
1984	5	86	4		126	41	51.44	73	56.97	9/20/1984	0:26	0.3	22.8	10.2	210
1984	5	88	6		122	41	53.023	73	56.214	9/20/1984	0:25	0.3	21.6	9.9	211
1984	5	90	6		120	41	54.02	73	57.2	9/20/1984	0:24	0.3	20	9	206
1984	5	91	6		119	41	55.847	73	56.774	9/20/1984	0:24				
1984	5	92	4		118	41	56.32	73	58.1	9/20/1984	0:23	0.3	20.8	9.5	246
1984	5	93	4		116	41	57.05	73	57.77	9/20/1984	0:22	0.3	20	9.5	203
1984	5	94	4		113	41	58.38	73	57.25	9/20/1984	0:22	0.3	19.7	9.3	200
1984	5	95	4		111	41	59.083	73	57.079	9/20/1984	0:22	0.3	19.2	9.7	193
1984	5	96	4		105	42	0.22	73	56.65	9/20/1984	0:20	0.3	19.8	9.5	196

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1984	5	96	4		110	41	59.4	73	56.94	9/20/1984	0:21	0.3	20.2	9.7	201
1984	5	97	4		102	42	0.83	73	56.38	9/20/1984	0:19	0.3	19.1	9.4	193
1984	5	97	4		103	42	0.5	73	56.51	9/20/1984	0:19	0.3	19.5	10.1	199
1984	5	98	4		100	42	1.67	73	56.54	9/20/1984	0:18	0.3	19	9.4	191
1984	5	99	6		99	42	2.02	73	55.73	9/20/1984	0:17	0.3	19.1	9.5	192
1984	5	106	4		96	42	8.147	73	54.796	9/19/1984	0:24	0.3	20.6	10.2	203
1984	5	107	4		95	42	8.94	73	54.32	9/19/1984	0:24	0.3	19.1	9.7	201
1984	5	109	6		93	42	9.91	73	52.81	9/19/1984	0:24	0.3	20	10	201
1984	5	110	6		90	42	11.04	73	51.38	9/19/1984	0:23	0.3	19.6	9.5	202
1984	5	111	6		89					9/19/1984	0:22	0.3	19.2	12.3	208
1984	5	114	4		83	42	14.26	73	50.71	9/19/1984	0:21	0.3	19	12	191
1984	5	116	4		78					9/19/1984	0:20	0.3	19.3	11.8	193
1984	5	117	6		76	42	15.84	73	47.69	9/19/1984	0:19	0.3	19.8	11.3	191
1984	5	121	4		68	42	18.53	73	47.1	9/19/1984	0:19	0.3	19.5	10.1	196
1984	5	124	4		58					9/19/1984	0:17	0.3	19.6	8.6	201
1984	5	124	6		56	42	21.49	73	47.29	9/19/1984	0:17	0.3	18.9	8.8	201
1984	5	125	6		52	42	22.39	73	47.45	9/19/1984	0:16	0.3	19	8.4	201
1984	5	125	6		54	42	22.034	73	47.302	9/19/1984		0.3	18.9	8.7	202
1984	5	128	4		44	42	25	73	46.99	9/19/1984	0:15	0.3	19	7.9	196
1984	5	129	4		41	42	25.79	73	46.99	9/19/1984	0:15	0.3	18.7	7.8	201
1984	5	129	6		40	42	25.67	73	46.67	9/19/1984	0:14	0.3	18.6	8.2	191
1984	5	132	6		32	42	28.13	73	47.21	9/19/1984	0:13	0.3	18.1	8.6	181
1984	5	135	4		26	42	30.91	73	46.27	9/19/1984	0:12	0.3	18	8.7	400
1984	6	14	4		265					10/4/1984	0:18	0.3	16.9	8.3	11201
1984	6	14	4		266	40	52.925	73	56.648	10/4/1984	0:17	0.3	17.2	8.6	12201
1984	6	19	6		259	40	57.735	73	53.561	10/4/1984	0:19	0.3	17	8.5	9801
1984	6	20	6		258	40	57.73	73	53.661	10/4/1984	0:20	0.3	17.5	9.1	8501
1984	6	23	6		255	41	0.74	73	52.83	10/4/1984	0:22	0.3	18.9	9.6	7501
1984	6	25	4		270	41	2.783	73	55.05	10/3/1984	0:24	0.3	15.3	10.5	8101
1984	6	26	4		283	41	8.34	73	54.4	10/4/1984	0:15	0.3	15.9	10.4	8101
1984	6	26	6		249	41	2.67	73	52.3	10/3/1984	0:24	0.3	17.4	9.5	9001
1984	6	26	6		247	41	3.891	73	52.077	10/4/1984	0:24	0.3	17.7	9.9	7301
1984	6	26	6		248	41	3.273	73	52.221	10/4/1984	0:23	0.3	17.4	10	7301
1984	6	26	6		249	41	2.67	73	52.3	10/5/1984	0:17	0.3	17	9.4	11101
1984	6	27	4		245	41	4.19	73	55.21	10/3/1984	0:21	0.3	16.4	10.7	9601
1984	6	27	4		272	41	4.49	73	55.14	10/3/1984	0:20	0.3	17.6	10.2	7901
1984	6	27	4		245	41	4.19	73	55.21	10/5/1984	0:17	0.3	16.3	9.8	9601
1984	6	27	4		272	41	4.49	73	55.14	10/5/1984	0:17	0.3	16.3	8.9	9801
1984	6	28	6		243	41	5.683	73	52.214	10/4/1984	0:24	0.3	17.5	9.9	6501
1984	6	28	6		244	41	5.33	73	52.33	10/4/1984	0:15	0.3	16.2	10.4	6301
1984	6	28	6		244	41	5.33	73	52.33	10/5/1984	0:19	0.3	17	9.2	10101
1984	6	29	4		242	41	6.1	73	54.88	10/3/1984	0:20	0.3	17.6	9.8	7701
1984	6	29	4		242	41	6.1	73	54.88	10/5/1984	0:16	0.3	17.2	8.9	9101

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	6	30	4		241	41	7.14	73	54.77	10/3/1984	0:19	0.3	17.9	9.8	7101
1984	6	31	4		285	41	3.607	73	55.196	10/3/1984	0:19	0.3	18.2	8.7	6401
1984	6	31	4		285	41	3.607	73	55.196	10/5/1984	0:15	0.3	17.5	9	9001
1984	6	32	4		239	41	8.81	73	54.6	10/3/1984	0:17	0.3	18.7	8.9	6201
1984	6	32	6		237	41	9.274	73	52.181	10/4/1984	0:25	0.3	17.7	9.8	5801
1984	6	32	6		238	41	8.85	73	52.123	10/4/1984	0:14	0.3	16.5	9.8	6601
1984	6	32	6		269	41	9.445	73	52.243	10/4/1984	0:26	0.3	16.9	9.8	5901
1984	6	32	6		238	41	8.85	73	52.123	10/5/1984	0:19	0.3	17.2	9.4	7901
1984	6	33	6		236	41	9.79	73	52.202	10/4/1984	0:26	0.3	17	10.1	5801
1984	6	34	6		233	41	10.662	73	53.922	10/2/1984	0:24	0.3	17.7	11.2	7001
1984	6	34	6		235	41	10.632	73	52.59	10/2/1984	0:24	0.3	14.8	13.6	7301
1984	6	35	4		229	41	10.59	73	56.41	10/2/1984	0:26	0.3	19.1	10.1	6001
1984	6	35	4		277	41	10.95	73	57.06	10/2/1984	0:27	0.3	19	10.1	5901
1984	6	35	6		231	41	11.23	73	53.69	10/2/1984	0:22	0.3	17	10.7	7101
1984	6	35	6		275	41	11.31	73	53.54	10/2/1984	0:22	0.3	17	10.6	7001
1984	6	36	4		226	41	11.8	73	57.5	10/2/1984	0:29	0.3	19.8	9.6	6101
1984	6	36	4		227	41	11.02	73	57.41	10/2/1984	0:27	0.3	18.9	9.9	6301
1984	6	36	4		282	41	11.2	73	57.17	10/2/1984	0:28	0.3	19.5	9.5	6151
1984	6	36	6		228	41	12.25	73	53.5	10/2/1984	0:20	0.3	17	10.8	6851
1984	6	36	6		276	41	12.17	73	53.51	10/2/1984	0:22	0.3	17.2	10.7	7001
1984	6	38	4		223	41	12.89	73	57.806	10/1/1984	0:17	0.3	19	8.2	7001
1984	6	38	4		278	41	12.96	73	57.828	10/1/1984	0:17	0.3	18.9	8.4	6901
1984	6	38	4		280	41	13.4	73	57.81	10/1/1984	0:18	0.3	19	8.3	6801
1984	6	39	4		216	41	13.48	73	57.84	10/2/1984	0:29	0.3	19.8	9.5	5001
1984	6	39	6		218	41	14.02	73	56.4	10/2/1984	0:19	0.3	16.3	10.5	6901
1984	6	40	4		209	41	14.97	73	58	10/2/1984	0:17	0.3	20.9	8.4	5101
1984	6	40	6		211	41	14.88	73	57.6	10/2/1984	0:18	0.3	19.4	9.8	6801
1984	6	42	6		207	41	15.3	73	57.8	10/2/1984	0:17	0.3	23	8.8	5001
1984	6	49	4		196	41	21.16	73	57.74	10/2/1984	0:24	0.3	20.8	8.6	2451
1984	6	51	6		195	41	22.87	73	50.61	10/2/1984	0:23	0.3	20.3	9.8	2561
1984	6	52	6		194	41	24.12	73	56.81	10/2/1984	0:22	0.3	20.6	8.4	2081
1984	6	54	6		190	41	24.961	73	57.702	10/2/1984	0:21	0.3	19.3	9.1	1811
1984	6	55	6		189	41	25.66	73	58.14	10/2/1984	0:21	0.3	19	9.3	901
1984	6	57	4		185	41	27.68	74	0.73	10/2/1984	0:19	0.3	17.2	8.7	811
1984	6	57	4		186	41	27.28	74	0.8	10/2/1984	0:19	0.3	17	9	721
1984	6	59	6		181	41	29.04	73	59.33	10/2/1984	0:15	0.3	16.8	8.9	721
1984	6	60	6		177	41	29.52	73	59.24	10/2/1984	0:17	0.3	16.8	7	702
1984	6	60	6		178	41	29.25	73	59.32	10/2/1984	0:16	0.3	16	8	701
1984	6	61	4		174	41	31.15	74	0.37	10/2/1984	0:18	0.3	19.3	8.6	441
1984	6	62	4		171	41	32.19	73	59.91	10/2/1984	0:17	0.3	19.2	9.5	431
1984	6	62	4		173	41	31.59	74	0.28	10/2/1984	0:17	0.3	19.5	8.3	446
1984	6	65	4		162	41	33.99	73	58.39	10/4/1984	0:30	0.3	19	10.2	202
1984	6	71	4		153	41	39.06	73	57.257	10/4/1984	0:29	0.3	18.8	9	193

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	6	74	4		147	41	41.29	73	56.8	10/4/1984	0:29	0.3	18.5	9.6	192
1984	6	77	6		140	41	44.56	73	56.17	10/4/1984	0:27	0.3	18	10.6	189
1984	6	77	6		143	41	43.83	73	56.16	10/4/1984	0:28	0.3	18	10.5	191
1984	6	78	6		138	41	45.18	73	56.22	10/4/1984	0:27	0.3	18	10.2	190
1984	6	80	6		137	41	46.14	73	56.82	10/4/1984	0:26	0.3	18	10.8	189
1984	6	83	4		131	41	49.33	73	57.31	10/4/1984	0:25	0.3	17.5	10.8	189
1984	6	86	4		126	41	51.44	73	56.97	10/4/1984	0:24	0.3	16.5	13.6	183
1984	6	87	4		123	41	52.616	73	57.292	10/4/1984	0:24	0.3	17.6	13.9	186
1984	6	89	6		121	41	53.84	73	57.04	10/4/1984	0:23	0.3	17.5	11.5	187
1984	6	92	4		118	41	56.32	73	58.1	10/4/1984	0:22	0.3	17.9	11.6	219
1984	6	93	6		117	41	57.036	73	56.721	10/4/1984	0:22	0.3	17.1	11.2	184
1984	6	94	6		114	41	58.085	73	56.467	10/4/1984	0:21	0.3	17	11.3	184
1984	6	95	4		111	41	59.083	73	57.079	10/4/1984	0:19	0.3	16.9	11	183
1984	6	95	6		112	41	58.238	73	56.123	10/4/1984	0:21	0.3	16.5	11.4	182
1984	6	96	4		110	41	59.4	73	56.94	10/4/1984	0:19	0.3	16.8	11.3	182
1984	6	96	6		107	41	59.89	73	55.93	10/4/1984	0:20	0.3	15.8	10.6	179
1984	6	96	6		109	41	59.43	73	56.012	10/4/1984	0:20	0.3	16.9	11.2	183
1984	6	97	4		102	42	0.83	73	56.38	10/4/1984	0:19	0.3	16.6	11.2	181
1984	6	98	4		101	42	1.426	73	56.456	10/4/1984	0:18	0.3	16.5	11.5	181
1984	6	105	4		98	42	7.33	73	55.3	10/4/1984	0:17	0.3	16.4	10.3	173
1984	6	109	6		92	42	10.27	73	52.32	10/4/1984	0:17	0.3	14.5	11.9	172
1984	6	112	4		88	42	12.69	73	51.26	10/3/1984	0:24	0.3	16.7	9.5	179
1984	6	113	6		87	42	13.32	73	50.85	10/4/1984	0:15	0.3	15.7	10.5	166
1984	6	114	4		81	42	14.39	73	50.549	10/4/1984	0:14	0.3	15	9.2	170
1984	6	114	4		83	42	14.26	73	50.71	10/4/1984	0:15	0.3	16.3	9.5	171
1984	6	119	6		72	42	16.82	73	47.28	10/3/1984	0:22	0.3	16.9	9.5	173
1984	6	122	4		63	42	19.84	73	47.18	10/3/1984	0:21	0.3	16.9	9.8	166
1984	6	122	6		62	42	20.105	73	46.848	10/3/1984	0:21	0.3	17	10.1	167
1984	6	123	4		59					10/3/1984	0:20	0.3	17.1	9.6	169
1984	6	123	4		60	42	20.64	73	47.39	10/3/1984	0:20	0.3	16.2	9.5	169
1984	6	127	4		46	42	24.35	73	47.08	10/3/1984	0:19	0.3	17.2	9.5	161
1984	6	129	6		39	42	25.879	73	46.76	10/3/1984	0:18	0.3	16.9	8.7	159
1984	6	129	6		42	42	25.226	73	46.523	10/3/1984	0:19	0.3	17.5	8.2	161
1984	6	133	4		29	42	29.09	73	47.273	10/3/1984	0:17	0.3	16	7.9	164
1984	6	138	4		21	42	33.51	73	45.33	10/3/1984	0:16	0.3	16.1	9.4	153
1984	6	139	4		19	42	34.03	73	45.26	10/3/1984	0:15	0.3	16.9	9.6	151
1984	6	140	6		11					10/3/1984	0:14	0.3	16.8	10.2	159
1984	7	13	4		267					10/16/1984	0:22	0.3	17.3	9.6	16501
1984	7	14	4		266	40	52.925	73	56.648	10/16/1984	0:21	0.3	17	9.4	14701
1984	7	16	4		262	40	54.9	73	55.7	10/16/1984	0:20	0.3	17.2	9.8	13801
1984	7	21	6		257	40	59.13	73	53.13	10/16/1984	0:22	0.3	17.3	9.6	14001
1984	7	23	6		255	41	0.74	73	52.83	10/16/1984	0:19	0.3	17	9.9	11101
1984	7	25	6		251	41	2.46	73	52.42	10/15/1984	0:22	0.3	17.5	9.6	12101

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1984	7	26	4		271	41	3.77	73	55.22	10/15/1984	0:22	0.3	16.3	9.8	10501
1984	7	26	4		283	41	8.34	73	54.4	10/15/1984	0:22	0.3	16.3	9.9	11001
1984	7	26	4		271	41	3.77	73	55.22	10/17/1984	0:23	0.3	17.5	9.9	10001
1984	7	26	4		283	41	8.34	73	54.4	10/17/1984	0:22	0.3	17.2	10.2	10201
1984	7	26	6		247	41	3.891	73	52.077	10/15/1984	0:24	0.3	17.7	9.9	13001
1984	7	26	6		247	41	3.891	73	52.077	10/17/1984	0:22	0.3	17.2	10	11101
1984	7	27	4		272	41	4.49	73	55.14	10/15/1984	0:21	0.3	16.2	9.6	10801
1984	7	27	4		245	41	4.19	73	55.21	10/17/1984	0:24	0.3	17.5	10.8	9901
1984	7	27	4		272	41	4.49	73	55.14	10/17/1984	0:24	0.3	17.3	10.1	9901
1984	7	28	6		243	41	5.683	73	52.214	10/15/1984	0:24	0.3	17.6	9.7	11901
1984	7	28	6		244	41	5.33	73	52.33	10/15/1984	0:24	0.3	17.8	9.6	11801
1984	7	28	6		243	41	5.683	73	52.214	10/17/1984	0:20	0.3	17	9.6	10101
1984	7	28	6		244	41	5.33	73	52.33	10/17/1984	0:20	0.3	17.1	9.8	10201
1984	7	29	4		242	41	6.1	73	54.88	10/17/1984	0:24	0.3	17.8	9.8	9201
1984	7	30	4		241	41	7.14	73	54.77	10/16/1984	0:24	0.3	17.8	11.2	9901
1984	7	31	4		285	41	3.607	73	55.196	10/16/1984	0:25	0.3	17.2	9.9	9751
1984	7	32	4		239	41	8.81	73	54.6	10/17/1984	0:25	0.3	17.8	10.1	9801
1984	7	32	4		240	41	8.48	73	54.42	10/17/1984	0:25	0.3	17.8	9.6	9201
1984	7	32	6		269	41	9.445	73	52.243	10/15/1984	0:25	0.3	18	9.4	9901
1984	7	32	6		237	41	9.274	73	52.181	10/17/1984	0:19	0.3	17.8	9.8	9501
1984	7	32	6		269	41	9.445	73	52.243	10/17/1984	0:19	0.3	17.2	9.4	9501
1984	7	33	6		236	41	9.79	73	52.202	10/16/1984	0:17	0.3	17.2	9.1	10001
1984	7	33	6		236	41	9.79	73	52.202	10/17/1984	0:18	0.3	17.1	9.5	9101
1984	7	34	6		233	41	10.662	73	53.922	10/17/1984	0:17	0.3	16.8	9.4	9501
1984	7	34	6		234	41	10.19	73	53.93	10/17/1984	0:17	0.3	16.5	9.6	9001
1984	7	34	6		235	41	10.632	73	52.59	10/17/1984	0:17	0.3	15.8	10.7	9101
1984	7	35	4		229	41	10.59	73	56.41	10/16/1984	0:26	0.3	17.2	9.4	8701
1984	7	35	4		230	41	10.59	73	56.39	10/18/1984	0:15	0.3	17	8.9	8501
1984	7	35	6		231	41	11.23	73	53.69	10/17/1984	0:16	0.3	16	10.2	8501
1984	7	36	6		228	41	12.25	73	53.5	10/17/1984	0:15	0.3	16.7	8.4	8701
1984	7	36	6		276	41	12.17	73	53.51	10/17/1984	0:15	0.3	16.6	9.4	8301
1984	7	37	4		225	41	12.096	73	57.458	10/18/1984	0:15	0.3	17.4	8.6	8701
1984	7	38	4		221	41	13.43	73	57.79	10/18/1984	0:17	0.3	17.2	9.2	8801
1984	7	38	4		222	41	12.979	73	57.867	10/18/1984	0:17	0.3	17.3	9.2	8901
1984	7	38	4		223	41	12.89	73	57.806	10/18/1984	0:17	0.3	17.2	8.8	9001
1984	7	38	4		278	41	12.96	73	57.828	10/18/1984	0:16	0.3	17.2	9.5	8701
1984	7	38	4		279	41	13.36	73	57.82	10/18/1984	0:17	0.3	17.2	8.9	8801
1984	7	39	6		217	41	14.098	73	56.682	10/18/1984	0:19	0.3	17.2	9.6	9001
1984	7	39	6		219					10/18/1984	0:18	0.3	17.1	8.8	9001
1984	7	40	6		212					10/18/1984	0:20	0.3	17.5	9.4	9001
1984	7	41	6		208	41	15.72	73	50.84	10/18/1984	0:20	0.3	17.7	9.7	7301
1984	7	42	6		207	41	15.3	73	57.8	10/18/1984	0:21	0.3	17.3	9.4	7401
1984	7	49	4		196	41	21.16	73	57.74	10/18/1984	0:20	0.3	17.8	8.7	4471

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1984	7	52	6		193	41	24.12	73	57.31	10/18/1984	0:19	0.3	18	8.8	4001
1984	7	52	6		194	41	24.12	73	56.81	10/18/1984	0:19	0.3	18	8.8	3981
1984	7	53	4		192	41	24.19	73	57.95	10/18/1984	0:19	0.3	17.8	9	2951
1984	7	55	6		189	41	25.66	73	58.14	10/18/1984	0:18	0.3	17.8	9	2521
1984	7	56	4		187	41	26.83	74	0.5	10/18/1984	0:17	0.3	17.8	9.2	1621
1984	7	56	4		188	41	26.47	73	59.66	10/18/1984	0:17	0.3	17.9	9.1	2401
1984	7	57	4		186	41	27.28	74	0.8	10/18/1984	0:17	0.3	17.3	8.7	1381
1984	7	58	4		184	41	27.78	74	0.7	10/18/1984	0:16	0.3	17.4	8.8	1571
1984	7	59	6		180	41	29.08	73	59.37	10/18/1984	0:14	0.3	17.2	8.8	2013
1984	7	59	6		181	41	29.04	73	59.33	10/18/1984	0:14	0.3	17	8.8	2091
1984	7	62	4		173	41	31.59	74	0.28	10/18/1984	0:15	0.3	18.4	8.6	1001
1984	7	62	6		172	41	31.54	73	58.97	10/18/1984	0:15	0.3	17.5	9	1191
1984	7	69	4		155	41	37.44	73	57.43	10/17/1984	0:27	0.3	17.2	10.1	186
1984	7	69	6		157	41	36.97	73	56.85	10/17/1984	0:28	0.3	17.8	10.4	211
1984	7	73	6		150	41	40.28	73	56.49	10/17/1984	0:27	0.3	17.2	10	188
1984	7	77	6		141	41	44.46	73	56.21	10/17/1984	0:26	0.3	17.1	11.4	188
1984	7	78	4		139	41	44.786	73	56.758	10/17/1984	0:25	0.3	17.1	11.5	181
1984	7	81	4		135	41	47.474	73	57.457	10/17/1984	0:25	0.3	16.2	11.3	177
1984	7	82	4		134	41	48.51	73	57.22	10/17/1984	0:24	0.3	16.2	11.3	180
1984	7	83	4		131	41	49.33	73	57.31	10/17/1984	0:24	0.3	16.3	11.2	181
1984	7	88	6		122	41	53.023	73	56.214	10/17/1984	0:23	0.3	17	13	193
1984	7	89	6		121	41	53.84	73	57.04	10/17/1984	0:23	0.3	16.4	11.4	192
1984	7	91	6		119	41	55.847	73	56.774	10/17/1984	0:22	0.3	16	10.8	194
1984	7	92	4		118	41	56.32	73	58.1	10/17/1984	0:22	0.3	16.2	11.2	186
1984	7	93	4		116	41	57.05	73	57.77	10/17/1984	0:19				
1984	7	93	6		117	41	57.036	73	56.721	10/17/1984	0:19	0.3	15.7	11	187
1984	7	94	6		114	41	58.085	73	56.467	10/17/1984	0:19	0.3	15.7	10.7	183
1984	7	96	4		105	42	0.22	73	56.65	10/17/1984	0:17	0.3	15	10.2	158
1984	7	96	6		106	42	59.99	73	55.94	10/17/1984	0:17	0.3	15.3	10.2	162
1984	7	96	6		107	41	59.89	73	55.93	10/17/1984	0:17	0.3	15.2	10.5	165
1984	7	96	6		109	41	59.43	73	56.012	10/17/1984	0:18	0.3	15.6	10.3	169
1984	7	97	4		103	42	0.5	73	56.51	10/17/1984	0:16	0.3	15.5	10.4	162
1984	7	98	4		100	42	1.67	73	56.54	10/17/1984	0:16	0.3	15.3	10.4	161
1984	7	99	6		99	42	2.02	73	55.73	10/17/1984	0:15	0.3	15	10	152
1984	7	106	4		96	42	8.147	73	54.796	10/17/1984	0:14	0.3	15.4	10.4	152
1984	7	107	4		95	42	8.94	73	54.32	10/16/1984	0:26	0.3	16.4	10.4	171
1984	7	108	6		94	42	9.56	73	53.18	10/16/1984	0:25	0.3	16.2	10.7	170
1984	7	112	4		88	42	12.69	73	51.26	10/16/1984	0:24	0.3	15.7	11.2	172
1984	7	114	4		82	42	14.31	73	50.58	10/16/1984	0:23	0.3	16.8	12	171
1984	7	114	4		83	42	14.26	73	50.71	10/16/1984	0:24	0.3	16.8	11.8	173
1984	7	118	4		74	42	16.42	73	47.92	10/16/1984	0:22	0.3	15.3	11.6	171
1984	7	118	4		75	42	16.12	73	47.49	10/16/1984	0:22	0.3	17.3	12.4	174
1984	7	119	6		71	42	17.16	73	46.8	10/16/1984	0:21	0.3	15.4	12.5	173

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	7	122	6		62	42	20.105	73	46.848	10/16/1984	0:20	0.3	15.3	12.1	180
1984	7	124	4		55	42	21.64	73	47.62	10/16/1984	0:20	0.3	15.5	11.3	181
1984	7	125	6		52	42	22.39	73	47.45	10/16/1984	0:19	0.3	15.3	11.9	180
1984	7	126	4		50	42	23.21	73	47.62	10/16/1984	0:19	0.3	15.1	10.8	170
1984	7	127	4		46	42	24.35	73	47.08	10/16/1984	0:18	0.3	15.1	9.8	161
1984	7	129	6		39	42	25.879	73	46.76	10/16/1984	0:17	0.3	15	9.3	162
1984	7	132	6		31	42	28.65	73	47.09	10/16/1984	0:17	0.3	15	8.8	150
1984	7	135	4		25	42	31.16	73	46.06	10/16/1984	0:16	0.3	15.2	9.2	157
1984	7	138	4		22	42	33.36	73	45.42	10/16/1984	0:15	0.3	15.6	8.9	143
1984	8	14	4		265					10/29/1984	0:19	0.3	17.8	8.3	14701
1984	8	14	4		266	40	52.925	73	56.648	10/29/1984	0:19	0.3	17.5	7.7	14801
1984	8	21	6		257	40	59.13	73	53.13	10/29/1984	0:19	0.3	17.3	9.8	13901
1984	8	22	6		256	40	59.97	73	53.05	10/29/1984	0:20	0.3	17	9.9	12601
1984	8	23	6		255	41	0.74	73	52.83	10/29/1984	0:21	0.3	17	10.2	12601
1984	8	25	4		270	41	2.783	73	55.05	10/31/1984	0:18	0.3	16.9	8.9	12301
1984	8	25	6		251	41	2.46	73	52.42	10/29/1984	0:21	0.3	16.9	10.5	11801
1984	8	26	4		271	41	3.77	73	55.22	10/29/1984	0:22	0.3	16.8	10.2	12001
1984	8	26	4		271	41	3.77	73	55.22	10/31/1984	0:19	0.3	17.2	8.8	12101
1984	8	26	4		283	41	8.34	73	54.4	10/31/1984	0:19	0.3	17.1	10	12201
1984	8	26	6		247	41	3.891	73	52.077	10/29/1984	0:22	0.3	17	10.4	11201
1984	8	26	6		247	41	3.891	73	52.077	10/31/1984	0:17	0.3	16.9	8.4	12801
1984	8	26	6		248	41	3.273	73	52.221	10/31/1984	0:17	0.3	16.9	8.4	12801
1984	8	26	6		249	41	2.67	73	52.3	10/31/1984	0:17	0.3	17.2	8.4	12801
1984	8	27	4		245	41	4.19	73	55.21	10/31/1984	0:20	0.3	17.2	9.9	11901
1984	8	27	4		272	41	4.49	73	55.14	10/31/1984	0:20	0.3	17.3	9.6	11801
1984	8	28	6		243	41	5.683	73	52.214	10/31/1984	0:15	0.3	16.8	8.1	11801
1984	8	28	6		244	41	5.33	73	52.33	10/31/1984	0:16	0.3	16.8	8.6	11601
1984	8	29	4		242	41	6.1	73	54.88	10/29/1984	0:22	0.3	17.1	10.2	11101
1984	8	29	6		242	41	6.1	73	54.88	10/31/1984	0:21	0.3	17.6	9.5	10201
1984	8	30	4		241	41	7.14	73	54.77	10/31/1984	0:22	0.3	17.8	9.2	10301
1984	8	31	4		285	41	3.607	73	55.196	10/31/1984	0:22	0.3	18.3	8.9	9001
1984	8	32	4		239	41	8.81	73	54.6	10/31/1984	0:22	0.3	18.1	9.8	9001
1984	8	32	4		240	41	8.48	73	54.42	10/31/1984	0:22	0.3	18.7	9.4	9101
1984	8	32	6		236	41	9.79	73	52.202	10/29/1984	0:24	0.3	17.5	10.1	9801
1984	8	32	6		237	41	9.274	73	52.181	10/29/1984	0:24	0.3	17.3	10.1	10101
1984	8	32	6		269	41	9.445	73	52.243	10/30/1984	0:16	0.3	16.8	7.7	10101
1984	8	32	6		237	41	9.274	73	52.181	10/31/1984	0:23	0.3	17.9	10	10101
1984	8	33	6		236	41	9.79	73	52.202	10/31/1984	0:24	0.3	17.9	9.7	10101
1984	8	34	6		233	41	10.662	73	53.922	10/29/1984	0:22	0.3	17.2	8.7	10001
1984	8	34	6		234	41	10.19	73	53.93	10/29/1984	0:22	0.3	17.5	9.4	10401
1984	8	35	4		229	41	10.59	73	56.41	10/29/1984	0:23	0.3	18	8.8	8501
1984	8	35	4		230	41	10.59	73	56.39	10/29/1984	0:22	0.3	17.5	8	8801
1984	8	35	6		231	41	11.23	73	53.69	10/29/1984	0:21	0.3	17.8	10	9901

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	8	35	6		275	41	11.31	73	53.54	10/29/1984	0:20	0.3	18	9.6	9901
1984	8	36	4		226	41	11.8	73	57.5	10/29/1984	0:25	0.3	18	8.1	8501
1984	8	36	4		281	41	11.13	73	57.16	10/29/1984	0:24	0.3	18.2	8.6	8501
1984	8	36	6		228	41	12.25	73	53.5	10/29/1984	0:19	0.3	17.8	8.5	9901
1984	8	36	6		276	41	12.17	73	53.51	10/29/1984	0:20	0.3	18	8.4	9901
1984	8	37	4		225	41	12.096	73	57.458	10/29/1984	0:25	0.3	18	8	9901
1984	8	38	4		221	41	13.43	73	57.79	10/30/1984	0:20	0.3	17.9	8.9	7501
1984	8	38	4		222	41	12.979	73	57.867	10/30/1984	0:21	0.3	18.2	8.9	7801
1984	8	38	4		280	41	13.4	73	57.81	10/30/1984	0:21	0.3	18.2	8.9	7801
1984	8	39	6		218	41	14.02	73	56.4	10/30/1984	0:19	0.3	18.1	8.8	8401
1984	8	40	4		209	41	14.97	73	58	10/30/1984	0:22	0.3	19	8.7	6101
1984	8	40	4		214	41	14.31	73	58.5	10/30/1984	0:22	0.3	17.9	10.1	7801
1984	8	40	6		210	41	14.87	73	57.74	10/30/1984	0:22	0.3	18.5	9.1	7001
1984	8	40	6		213	41	14.64	73	57.15	10/30/1984	0:22	0.3	18.5	8.9	7301
1984	8	49	4		196	41	21.16	73	57.74	11/1/1984	0:19	0.3	16.9	9.4	3791
1984	8	51	6		195	41	22.87	73	50.61	11/1/1984	0:18	0.3	16.5	8	3601
1984	8	52	6		193	41	24.12	73	57.31	11/1/1984	0:17	0.3	16.7	8.9	3571
1984	8	53	4		192	41	24.19	73	57.95	11/1/1984	0:17	0.3	16.7	9.6	2921
1984	8	53	6		191	41	24.882	73	57.554	11/1/1984	0:17	0.3	16.1	9.6	2421
1984	8	56	4		187	41	26.83	74	0.5	11/1/1984	0:15	0.3	15.4	9.8	1281
1984	8	56	4		188	41	26.47	73	59.66	11/1/1984	0:16	0.3	16.6	9.6	2461
1984	8	57	4		186	41	27.28	74	0.8	11/1/1984	0:15	0.3	15.2	10.5	1281
1984	8	58	4		184	41	27.78	74	0.7	11/1/1984	0:14	0.3	15.3	10.3	1271
1984	8	59	6		180	41	29.08	73	59.37	11/1/1984	0:13	0.3	16.1	9.4	1491
1984	8	60	6		177	41	29.52	73	59.24	11/1/1984	0:14	0.3	15.5	10.5	1411
1984	8	62	6		172	41	31.54	73	58.97	11/1/1984	0:14	0.3	15.7	9.9	1021
1984	8	64	4		164	41	33.37	73	59.18	10/31/1984	0:27	0.3	17.6	10.5	731
1984	8	66	4		160	41	34.777	73	57.753	10/31/1984	0:27	0.3	16.3	10.6	250
1984	8	69	6		157	41	36.97	73	56.85	10/31/1984	0:26	0.3	16.3	9.8	285
1984	8	72	4		151	41	40.04	73	57.11	10/31/1984	0:26	0.3	15.8	10.8	195
1984	8	77	6		142	41	43.92	73	56.14	10/31/1984	0:24	0.3	16	10.4	181
1984	8	80	6		137	41	46.14	73	56.82	10/31/1984	0:24	0.3	15.3	10.2	181
1984	8	81	4		135	41	47.474	73	57.457	10/31/1984	0:24	0.3	15.4	10.6	176
1984	8	83	4		131	41	49.33	73	57.31	10/31/1984	0:23	0.3	15.5	11.3	173
1984	8	84	4		129	41	50.61	73	57.28	10/31/1984	0:22	0.3	15.8	10	174
1984	8	88	6		122	41	53.023	73	56.214	10/31/1984	0:22	0.3	15.8	12.4	171
1984	8	89	6		121	41	53.84	73	57.04	10/31/1984	0:21	0.3	15.2	11.2	171
1984	8	92	4		118	41	56.32	73	58.1	10/31/1984	0:20	0.3	15.3	11.4	179
1984	8	93	4		116	41	57.05	73	57.77	10/31/1984	0:19	0.3	15.1	11.1	171
1984	8	93	6		117	41	57.036	73	56.721	10/31/1984	0:20	0.3	15.2	10.4	170
1984	8	94	4		113	41	58.38	73	57.25	10/31/1984	0:18	0.3	15.1	11.8	166
1984	8	94	4		115	41	57.78	73	57.47	10/31/1984	0:19	0.3	15	11.9	166
1984	8	95	4		111	41	59.083	73	57.079	10/31/1984	0:17	0.3	14.9	11.9	167

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1984	8	96	4		105	42	0.22	73	56.65	10/31/1984	0:17	0.3	14.9	12	169
1984	8	96	6		106	42	59.99	73	55.94	10/31/1984	0:17	0.3	14.8	10.6	163
1984	8	96	6		107	41	59.89	73	55.93	10/31/1984	0:17	0.3	14.8	11.4	163
1984	8	99	6		99	42	2.02	73	55.73	10/31/1984	0:16	0.3	14.4	11.2	164
1984	8	105	4		97	42	7.68	73	55.13	10/31/1984	0:14	0.3	14.5	10.2	162
1984	8	105	4		98	42	7.33	73	55.3	10/31/1984	0:14	0.3	14.3	10.8	160
1984	8	107	4		95	42	8.94	73	54.32	10/30/1984	0:25	0.3	15	10.6	162
1984	8	109	6		93	42	9.91	73	52.81	10/30/1984	0:24	0.3	15.2	12.1	171
1984	8	114	4		82	42	14.31	73	50.58	10/30/1984	0:23	0.3	15.5	11.4	172
1984	8	117	4		76	42	15.84	73	47.69	10/30/1984	0:22	0.3	16.3	11.8	178
1984	8	118	4		73	42	16.76	73	47.67	10/30/1984	0:21	0.3	15.3	10.6	175
1984	8	119	4		71	42	17.16	73	46.8	10/30/1984	0:22	0.3	16	11.8	178
1984	8	121	6		66	42	19.33	73	46.85	10/30/1984	0:20	0.3	15.9	10.8	171
1984	8	122	6		64	42	19.9	73	46.8	10/30/1984	0:20	0.3	15.8	10.8	170
1984	8	123	4		59					10/30/1984	0:19	0.3	15.6	11.4	170
1984	8	124	4		58					10/30/1984	0:19	0.3	14.8	11.8	167
1984	8	126	4		49	42	23.4	73	47.52	10/30/1984	0:18	0.3	14.8	10.6	166
1984	8	127	4		46	42	24.35	73	47.08	10/30/1984	0:17	0.3	14.8	10.1	169
1984	8	129	6		38	42	26.05	73	46.82	10/30/1984	0:17	0.3	14.6	10	165
1984	8	133	4		29	42	29.09	73	47.273	10/30/1984	0:16	0.3	14.7	9.8	170
1984	8	138	4		21	42	33.51	73	45.33	10/30/1984	0:15	0.3	14.1	11.5	169
1984	8	140	4		12					10/30/1984	0:14	0.3	14	11.4	169
1984	8	145	6		4	42	39.51	73	44.09	10/30/1984	0:14	0.3	14.3	11.9	163
1985	1	12	4		268					7/18/1985	9:55	0.3	24	6.7	23386
1985	1	13	4		267					7/18/1985	10:18	0.3	24	6.4	23183
1985	1	14	4		266	40	52.925	73	56.648	7/18/1985	10:38	0.3	24.8	8.4	22005
1985	1	15	4		263	40	54.252	73	55.961	7/18/1985	11:01	0.3	24.5	8.6	21134
1985	1	18	4		260	40	56.889	73	55.1	7/18/1985	11:31	0.3	25.5	7.4	18733
1985	1	24	6		253	41	1.169	73	52.711	7/17/1985	13:40	0.3	25.5	9.1	15973
1985	1	25	4		250	41	2.86	73	55.07	7/17/1985	15:03	0.3	27	11.2	12909
1985	1	25	4		250	41	2.86	73	55.07	7/19/1985	11:11	0.3	26	8.4	15127
1985	1	25	4		270	41	2.783	73	55.05	7/19/1985	11:22	0.3	25.5	8.5	14987
1985	1	26	4		271	41	3.77	73	55.22	7/17/1985	14:34	0.3	26.5	11.9	12752
1985	1	26	4		283	41	8.34	73	54.4	7/19/1985	10:53	0.3	26	8.4	14444
1985	1	26	6		247	41	3.891	73	52.077	7/17/1985	12:29	0.3	25.2	7.9	14881
1985	1	26	6		248	41	3.273	73	52.221	7/17/1985	12:49	0.3	25.5	7.4	15973
1985	1	26	6		249	41	2.67	73	52.3	7/17/1985	13:14	0.3	25.2	7.7	15377
1985	1	27	4		245	41	4.19	73	55.21	7/17/1985	15:53	0.3	27	10.2	12623
1985	1	27	4		272	41	4.49	73	55.14	7/17/1985	15:34	0.3	26	10.8	13175
1985	1	27	4		245	41	4.19	73	55.21	7/19/1985	10:41	0.3	25.5	8.6	14296
1985	1	28	6		243	41	5.683	73	52.214	7/19/1985	12:00	0.3	25.5	10.2	14691
1985	1	28	6		244	41	5.33	73	52.33	7/19/1985	11:44	0.3	25.5	8.2	14789
1985	1	29	4		242	41	6.1	73	54.88	7/17/1985	16:22	0.3	27	10.2	12623

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1985	1	29	4		242	41	6.1	73	54.88	7/19/1985	10:24	0.3	25.5	8.6	14789
1985	1	30	4		241	41	7.14	73	54.77	7/17/1985	16:45	0.3	27.5	14.4	12495
1985	1	30	4		241	41	7.14	73	54.77	7/19/1985	9:55	0.3	25.5	8.7	13804
1985	1	31	4		285	41	3.607	73	55.196	7/17/1985	17:08	0.3	26	9.4	11223
1985	1	32	4		240	41	8.48	73	54.42	7/17/1985	17:29	0.3	26	8.4	11516
1985	1	32	4		239	41	8.81	73	54.6	7/19/1985	9:00	0.3	26	7.5	10735
1985	1	32	6		238	41	8.85	73	52.123	7/19/1985	12:19	0.3	26	8.6	13175
1985	1	32	6		269	41	9.445	73	52.243	7/19/1985	12:38	0.3	26	8.6	12687
1985	1	33	6		236	41	9.79	73	52.202	7/19/1985	12:48	0.3	27	9.5	12909
1985	1	34	6		234	41	10.19	73	53.93	7/18/1985	12:58	0.3	25.5	9.4	12325
1985	1	34	6		235	41	10.632	73	52.59	7/18/1985	12:35	0.3	26	15.6	11711
1985	1	35	4		229	41	10.59	73	56.41	7/18/1985	14:27	0.3	27	9.8	10519
1985	1	35	4		230	41	10.59	73	56.39	7/18/1985	14:39	0.3	27	10.4	10519
1985	1	35	4		231	41	11.23	73	53.69	7/18/1985	13:20	0.3	27	12	10519
1985	1	35	4		275	41	11.31	73	53.54	7/18/1985	13:36	0.3	26.5	10.2	10820
1985	1	36	4		226	41	11.8	73	57.5	7/18/1985	16:11	0.3	28	9.8	10307
1985	1	36	4		227	41	11.02	73	57.41	7/18/1985	15:05	0.3	27	12.8	10710
1985	1	36	4		281	41	11.13	73	57.16	7/18/1985	15:20	0.3	28	11.4	10120
1985	1	36	4		282	41	11.2	73	57.17	7/18/1985	15:53	0.3	27.5	8.8	10412
1985	1	37	4		225	41	12.096	73	57.458	7/18/1985	16:50	0.3	28	8.6	10307
1985	1	38	4		221	41	13.43	73	57.79	7/17/1985	9:05	0.3	25	6.7	9065
1985	1	38	4		223	41	12.89	73	57.806	7/17/1985	9:20	0.3	22.6	5.3	1361
1985	1	38	4		279	41	13.36	73	57.82	7/18/1985	17:10	0.3	28	9	9370
1985	1	40	6		211	41	14.88	73	57.6	7/16/1985	17:06	0.3	26	7.5	9808
1985	1	40	6		213	41	14.64	73	57.15	7/16/1985	17:26	0.3	27.1	11.2	9543
1985	1	42	6		207	41	15.3	73	57.8	7/16/1985	16:36	0.3	28.5	6.8	8348
1985	1	43	6		202	41	17.12	73	55.98	7/16/1985	15:49	0.3	27.5	12.9	7383
1985	1	43	6		204	41	16.693	73	56.484	7/16/1985	16:11	0.3	26.1	8.4	7694
1985	1	49	4		196	41	21.16	73	57.74	7/16/1985	14:27	0.3	28.2	8.2	1129
1985	1	51	6		195	41	22.87	73	50.61	7/16/1985	15:01	0.3	25.8	10.1	4615
1985	1	52	6		193	41	24.12	73	57.31	7/16/1985	13:40	0.3	25.6	8.3	1220
1985	1	52	6		194	41	24.12	73	56.81	7/16/1985	13:59	0.3	28	8.2	1134
1985	1	53	4		192	41	24.19	73	57.95	7/16/1985	13:22	0.3	25.1	7	3380
1985	1	57	4		185	41	27.68	74	0.73	7/16/1985	12:34	0.3	26.1	9.2	1578
1985	1	58	4		183	41	28.02	74	0.87	7/16/1985	12:09	0.3	26	8.2	1083
1985	1	58	4		184	41	27.78	74	0.7	7/16/1985	12:53	0.3	27	7.8	1100
1985	1	59	6		180	41	29.08	73	59.37	7/16/1985	11:47	0.3	25.1	6.5	2088
1985	1	60	6		177	41	29.52	73	59.24	7/16/1985	11:04	0.3	25	6.7	1494
1985	1	60	6		178	41	29.25	73	59.32	7/16/1985	11:27	0.3	24.9	6.5	1777
1985	1	62	4		171	41	32.19	73	59.91	7/18/1985	16:38	0.3	26.5	8.8	
1985	1	64	4		163	41	33.48	73	59.05	7/18/1985	16:10	0.3	27	9.9	
1985	1	64	4		164	41	33.37	73	59.18	7/18/1985	16:24	0.3	27	9.8	
1985	1	69	6		156	41	37.03	73	56.88	7/18/1985	15:24	0.3	26	8.5	

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	1	69	6		158	41	36.94	73	56.81	7/18/1985	15:38	0.3	26.5	8.8	
1985	1	77	6		140	41	44.56	73	56.17	7/18/1985	14:24	0.3	28	9.5	
1985	1	77	6		142	41	43.92	73	56.14	7/18/1985	14:53	0.3	26	8.4	
1985	1	80	6		137	41	46.14	73	56.82	7/18/1985	13:58	0.3	26	11.2	
1985	1	81	4		135	41	47.474	73	57.457	7/18/1985	13:20	0.3	25	8.4	
1985	1	81	6		136					7/18/1985	13:37	0.3	25	8.2	
1985	1	87	4		123	41	52.616	73	57.292	7/18/1985	12:52	0.3	27	12.5	
1985	1	89	6		121	41	53.84	73	57.04	7/18/1985	12:21	0.3	25	9.5	
1985	1	92	4		118	41	56.32	73	58.1	7/18/1985	11:34	0.3	26	11.8	
1985	1	93	4		116	41	57.05	73	57.77	7/18/1985	11:11	0.3	26	11	205
1985	1	93	6		117	41	57.036	73	56.721	7/18/1985	12:03	0.3	27	10.2	
1985	1	94	4		113	41	58.38	73	57.25	7/18/1985	10:50	0.3	26	10.4	207
1985	1	95	4		111	41	59.083	73	57.079	7/18/1985	10:37	0.3	25	9.6	204
1985	1	96	4		110	41	59.4	73	56.94	7/18/1985	10:19	0.3	25.5	8.8	197
1985	1	96	6		107	41	59.89	73	55.93	7/18/1985	9:56	0.3	24.5	8.6	206
1985	1	97	4		102	42	0.83	73	56.38	7/18/1985	9:32	0.3	24.5	8.9	206
1985	1	98	4		100	42	1.67	73	56.54	7/18/1985	8:55	0.3	25	8.6	209
1985	1	98	4		101	42	1.426	73	56.456	7/18/1985	9:11	0.3	25	9.5	209
1985	1	105	4		98	42	7.33	73	55.3	7/17/1985	14:59	0.3	26.5	8.8	203
1985	1	106	4		96	42	8.147	73	54.796	7/17/1985	14:46	0.3	26	8.4	205
1985	1	114	4		81	42	14.39	73	50.549	7/17/1985	14:12	0.3	28	8.8	206
1985	1	115	6		79	42	14.8	73	49	7/17/1985	13:52	0.3	26.5	9.2	208
1985	1	118	6		75	42	16.12	73	47.49	7/17/1985	13:28	0.3	28	8.6	211
1985	1	119	4		72	42	16.82	73	47.28	7/17/1985	11:02	0.3	25	8.4	209
1985	1	119	6		69	42	17.29	73	46.78	7/17/1985	11:41	0.3	25.5	9.2	207
1985	1	119	6		71	42	17.16	73	46.8	7/17/1985	11:15	0.3	25	8.5	209
1985	1	121	4		65	42	19.307	73	47.217	7/17/1985	12:44	0.3	27	9.8	203
1985	1	121	4		68	42	18.53	73	47.1	7/17/1985	12:32	0.3	26.5	9.4	205
1985	1	121	6		66	42	19.33	73	46.85	7/17/1985	13:05	0.3	26.5	8.6	208
1985	1	121	6		67	42	18.82	73	46.89	7/17/1985	12:11	0.3	25.5	10	207
1985	1	125	6		52	42	22.39	73	47.45	7/17/1985	10:18	0.3	24.5	8.5	213
1985	1	126	4		48	42	23.65	73	47.38	7/17/1985	10:02	0.3	25	8	211
1985	1	128	6		43	42	25.02	73	46.62	7/17/1985	9:35	0.3	25	9.8	211
1985	1	129	6		38	42	26.05	73	46.82	7/17/1985	8:55	0.3	24.5	7	209
1985	1	129	6		39	42	25.879	73	46.76	7/17/1985	9:15	0.3	25	7.2	207
1985	1	129	6		42	42	25.226	73	46.523	7/17/1985	9:25	0.3	25	7.4	207
1985	1	132	6		31	42	28.65	73	47.09	7/17/1985	8:30	0.3	24	6	208
1985	2	18	4		260	40	56.889	73	55.1	8/1/1985	15:22	0.3	25.4	7.5	
1985	2	19	6		259	40	57.735	73	53.561	8/1/1985	14:50	0.3	25.2	7.9	
1985	2	22	6		256	40	59.97	73	53.05	8/1/1985	15:54	0.3	25.2	7.5	
1985	2	23	6		254	41	1.086	73	52.681	8/1/1985	14:00	0.3	25.6	8.4	
1985	2	23	6		255	41	0.74	73	52.83	8/1/1985	14:25	0.3	25.5	7.9	
1985	2	25	4		250	41	2.86	73	55.07	7/29/1985	17:07	0.3	25.7	8	14729

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1985	2	25	4		270	41	2.783	73	55.05	7/29/1985	12:20	0.3	26.5	11.2	14201
1985	2	25	6		251	41	2.46	73	52.42	7/29/1985	15:27	0.3	26.7	7.6	
1985	2	26	4		271	41	3.77	73	55.22	7/29/1985	11:31	0.3	25.9	8	14473
1985	2	26	4		283	41	8.34	73	54.4	7/29/1985	11:45	0.3	25.5	8.4	13804
1985	2	26	6		247	41	3.891	73	52.077	7/29/1985	16:06	0.3	25	7.7	
1985	2	26	6		249	41	2.67	73	52.3	7/29/1985	15:45	0.3	26	7.4	
1985	2	27	4		245	41	4.19	73	55.21	7/29/1985	11:14	0.3	26.1	7.2	14414
1985	2	27	4		245	41	4.19	73	55.21	8/1/1985	12:50	0.3	25.8	8.2	
1985	2	27	4		272	41	4.49	73	55.14	8/1/1985	12:27	0.3	25.4	7.6	
1985	2	28	6		243	41	5.683	73	52.214	7/29/1985	16:51	0.3	26.2	11	
1985	2	28	6		244	41	5.33	73	52.33	7/29/1985	16:39	0.3	26.1	8	
1985	2	28	6		243	41	5.683	73	52.214	8/1/1985	16:56	0.3	25.2	11	
1985	2	28	6		244	41	5.33	73	52.33	8/1/1985	16:25	0.3	25.5	7.2	
1985	2	29	4		242	41	6.1	73	54.88	8/1/1985	11:54	0.3	25.3	7.8	
1985	2	30	4		241	41	7.14	73	54.77	8/1/1985	11:28	0.3	25.2	7.8	
1985	2	31	4		285	41	3.607	73	55.196	8/1/1985	11:06	0.3	25.1	7.6	
1985	2	32	4		240	41	8.48	73	54.42	8/1/1985	10:47	0.3	25	7.5	
1985	2	32	6		238	41	8.85	73	52.123	7/29/1985	17:17	0.3	26.8	10.2	
1985	2	32	6		237	41	9.274	73	52.181	8/1/1985	16:49	0.3	24.5	9.1	11070
1985	2	32	6		238	41	8.85	73	52.123	8/1/1985	17:05	0.3	24.4	8.9	11295
1985	2	32	6		269	41	9.445	73	52.243	8/1/1985	16:36	0.3	24.2	8.8	10936
1985	2	33	6		236	41	9.79	73	52.202	7/29/1985	17:29	0.3	27.2	12.2	
1985	2	33	6		236	41	9.79	73	52.202	8/1/1985	16:07	0.3	24	12.6	10168
1985	2	34	6		233	41	10.662	73	53.922	8/1/1985	15:29	0.3	25	8.8	10459
1985	2	34	6		234	41	10.19	73	53.93	8/1/1985	15:48	0.3	24.5	8.6	10064
1985	2	35	4		229	41	10.59	73	56.41	7/31/1985	13:51	0.3	25.1	7.7	
1985	2	35	4		230	41	10.59	73	56.39	7/31/1985	14:15	0.3	25.1	7.9	
1985	2	35	4		277	41	10.95	73	57.06	7/31/1985	13:19	0.3	25	7.3	
1985	2	35	6		231	41	11.23	73	53.69	8/1/1985	15:14	0.3	25	9.4	11455
1985	2	35	6		274	41	11.17	73	53.71	8/1/1985	15:01	0.3	25	9.4	11455
1985	2	36	4		227	41	11.02	73	57.41	7/31/1985	12:59	0.3	25.1	7.5	
1985	2	36	6		228	41	12.25	73	53.5	8/1/1985	14:43	0.3	25.5	9.5	8874
1985	2	37	4		224					7/31/1985	12:01	0.3	25.2	8.1	
1985	2	37	4		225	41	12.096	73	57.458	7/31/1985	12:33	0.3	25.1	7.6	
1985	2	38	4		221	41	13.43	73	57.79	7/31/1985	10:49	0.3	25.7	7	
1985	2	38	4		222	41	12.979	73	57.867	7/31/1985	11:10	0.3	25.1	7.4	
1985	2	38	4		279	41	13.36	73	57.82	7/31/1985	11:40	0.3	25	7.7	
1985	2	40	4		209	41	14.97	73	58	7/31/1985	10:18	0.3	25	7.8	7770
1985	2	40	6		211	41	14.88	73	57.6	7/30/1985	15:21	0.3	26.3	7.3	8730
1985	2	40	6		213	41	14.64	73	57.15	7/30/1985	14:58	0.3	28.8	12.2	7837
1985	2	43	6		202	41	17.12	73	55.98	7/30/1985	14:14	0.3	27.8	11.6	5410
1985	2	43	6		205	41	16.413	73	56.551	7/31/1985	9:26	0.3	25	7.9	5877
1985	2	49	4		196	41	21.16	73	57.74	8/1/1985	13:59	0.3	25	8.2	3188

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1985	2	52	6		193	41	24.12	73	57.31	8/1/1985	13:37	0.3	25.3	7.8	2970
1985	2	53	6		191	41	24.882	73	57.554	8/1/1985	13:22	0.3	25.5	8.6	2347
1985	2	54	6		190	41	24.961	73	57.702	8/1/1985	13:10	0.3	25	8.1	2271
1985	2	55	6		189	41	25.66	73	58.14	8/1/1985	12:54	0.3	25.5	8.5	1982
1985	2	57	4		185	41	27.68	74	0.73	8/1/1985	12:22	0.3	24	9.1	1454
1985	2	57	4		186	41	27.28	74	0.8	8/1/1985	12:32	0.3	24	9.1	1454
1985	2	58	4		183	41	28.02	74	0.87	8/1/1985	11:40	0.3	23.5	10.2	1315
1985	2	58	4		184	41	27.78	74	0.7	8/1/1985	11:58	0.3	23.5	9.9	1418
1985	2	59	6		179	41	29.24	73	59.34	8/1/1985	11:00				
1985	2	59	6		180	41	29.08	73	59.37	8/1/1985	11:24	0.3	23.5	7.9	1315
1985	2	65	4		162	41	33.99	73	58.39	7/31/1985	16:48	0.3	25	5.3	
1985	2	69	6		157	41	36.97	73	56.85	7/31/1985	16:12	0.3	25	5.4	
1985	2	69	6		158	41	36.94	73	56.81	7/31/1985	16:22	0.3	25	5.4	
1985	2	71	4		153	41	39.06	73	57.257	7/31/1985	15:50	0.3	24	6	
1985	2	72	4		151	41	40.04	73	57.11	7/31/1985	15:26	0.3	24	6.1	
1985	2	77	6		140	41	44.56	73	56.17	7/31/1985	14:18	0.3	24	5.8	
1985	2	77	6		141	41	44.46	73	56.21	7/31/1985	14:37	0.3	24.5	6	
1985	2	77	6		143	41	43.83	73	56.16	7/31/1985	14:58	0.3	24	5.1	
1985	2	80	6		137	41	46.14	73	56.82	7/31/1985	13:50	0.3	25	5.9	
1985	2	82	4		134	41	48.51	73	57.22	7/31/1985	13:34	0.3	24.5	6.5	
1985	2	87	4		123	41	52.616	73	57.292	7/31/1985	12:59	0.3	24.5	7.6	
1985	2	88	6		122	41	53.023	73	56.214	7/31/1985	12:40	0.3	23.5	6.1	
1985	2	89	6		121	41	53.84	73	57.04	7/31/1985	12:23	0.3	24.8	7.3	
1985	2	92	4		118	41	56.32	73	58.1	7/31/1985	11:47	0.3	24.3	7.8	
1985	2	93	6		117	41	57.036	73	56.721	7/31/1985	11:33	0.3	24.3	7.3	
1985	2	94	6		114	41	58.085	73	56.467	7/31/1985	11:00	0.3	24.2	7.5	
1985	2	95	4		111	41	59.083	73	57.079	7/31/1985	10:25	0.3	25	8	
1985	2	95	6		112	41	58.238	73	56.123	7/31/1985	11:15	0.3	24.2	5	
1985	2	97	4		103	42	0.5	73	56.51	7/31/1985	10:04	0.3	24	7.4	
1985	2	98	4		100	42	1.67	73	56.54	7/31/1985	9:16	0.3	24.8	8.5	208
1985	2	98	4		101	42	1.426	73	56.456	7/31/1985	9:43	0.3	24.5	8.2	211
1985	2	105	4		97	42	7.68	73	55.13	7/30/1985	15:39	0.3	26	9.5	207
1985	2	105	4		98	42	7.33	73	55.3	7/30/1985	15:28	0.3	26	9.8	207
1985	2	106	4		96	42	8.147	73	54.796	7/30/1985	15:09	0.3	26.5	10	205
1985	2	107	4		95	42	8.94	73	54.32	7/30/1985	14:27	0.3	26.5	9.7	207
1985	2	109	6		92	42	10.27	73	52.32	7/30/1985	14:00	0.3	27.5	12.7	215
1985	2	111	6		89					7/30/1985	13:42	0.3	27.5	12.1	211
1985	2	114	4		81	42	14.39	73	50.549	7/30/1985	13:07	0.3	26.5	8.5	210
1985	2	114	4		83	42	14.26	73	50.71	7/30/1985	13:25	0.3	28	8.6	205
1985	2	115	6		79	42	14.8	73	49	7/30/1985	12:43	0.3	26	8.8	211
1985	2	118	4		75	42	16.12	73	47.49	7/30/1985	12:27	0.3	28	9.5	206
1985	2	121	6		66	42	19.33	73	46.85	7/30/1985	11:52	0.3	27	7.4	216
1985	2	122	4		63	42	19.84	73	47.18	7/30/1985	11:40	0.3	26.5	7.6	211

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1985	2	122	6		64	42	19.9	73	46.8	7/30/1985	12:04	0.3	26	6.8	223
1985	2	126	4		49	42	23.4	73	47.52	7/30/1985	11:16	0.3	26.5	7.9	216
1985	2	127	6		47	42	23.853	73	46.901	7/30/1985	10:57	0.3	26	6.8	224
1985	2	129	6		42	42	25.226	73	46.523	7/30/1985	10:41	0.3	26	6.7	207
1985	2	139	4		15	42	34.32	73	45.25	7/30/1985	9:45	0.3	25.5	6.7	195
1985	2	140	4		10					7/30/1985	8:48	0.3	25	6.5	191
1985	2	140	4		13	42	34.59	73	45.25	7/30/1985	10:02	0.3	26	6.5	187
1985	2	140	6		11					7/30/1985	9:08	0.3	25.5	5.1	189
1985	3	18	4		260	40	56.889	73	55.1	8/15/1985	9:42	0.3	26.2	10	16037
1985	3	18	6		261	40	56.27	73	54.17	8/15/1985	9:31	0.3	26	9.5	16689
1985	3	19	6		259	40	57.735	73	53.561	8/15/1985	9:21	0.3	25.6	9.2	18498
1985	3	23	6		254	41	1.086	73	52.681	8/15/1985	8:44	0.3	26.1	10	13538
1985	3	23	6		255	41	0.74	73	52.83	8/15/1985	8:55	0.3	26.2	10.1	14385
1985	3	24	6		252	41	2.057	73	52.505	8/12/1985	14:47	0.3	26.9	12.4	11594
1985	3	24	6		252	41	2.057	73	52.505	8/15/1985	8:29	0.3	26.2	9.6	13413
1985	3	25	4		250	41	2.86	73	55.07	8/12/1985	15:21	0.3	27.5	13.2	11548
1985	3	25	4		270	41	2.783	73	55.05	8/15/1985	10:08	0.3	27	10.2	12623
1985	3	25	6		251	41	2.46	73	52.42	8/14/1985	16:39	0.3	27.9	14.3	13051
1985	3	26	4		248	41	3.273	73	52.221	8/12/1985	14:18	0.3	27	11	12336
1985	3	26	4		249	41	2.67	73	52.3	8/12/1985	14:30	0.3	27	13.2	12336
1985	3	26	4		271	41	3.77	73	55.22	8/12/1985	15:41	0.3	27.2	12	10667
1985	3	26	4		283	41	8.34	73	54.4	8/15/1985	10:20	0.3	27.2	10.8	13143
1985	3	26	6		247	41	3.891	73	52.077	8/12/1985	13:59	0.3	26.9	12.6	12361
1985	3	26	6		248	41	3.273	73	52.221	8/14/1985	16:02	0.3	27.1	14.6	12979
1985	3	26	6		249	41	2.67	73	52.3	8/14/1985	16:18	0.3	28	15.5	13025
1985	3	27	4		245	41	4.19	73	55.21	8/15/1985	10:31	0.3	26.8	10.2	12386
1985	3	28	6		244	41	5.33	73	52.33	8/12/1985	13:39	0.3	27.2	9.7	10476
1985	3	28	6		243	41	5.683	73	52.214	8/15/1985	7:45	0.3	26.2	9.2	13413
1985	3	29	4		242	41	6.1	73	54.88	8/12/1985	16:08	0.3	28	12.4	10307
1985	3	30	4		241	41	7.14	73	54.77	8/12/1985	16:31	0.3	27.5	12.6	9655
1985	3	31	4		285	41	3.607	73	55.196	8/12/1985	16:58	0.3	27.5	9.9	9277
1985	3	32	4		239	41	8.81	73	54.6	8/12/1985	17:19	0.3	27.2	9.5	8762
1985	3	32	4		240	41	8.48	73	54.42	8/15/1985	10:51	0.3	27.1	10.2	12501
1985	3	32	6		269	41	9.445	73	52.243	8/12/1985	13:07	0.3	27.2	11.2	9524
1985	3	32	6		238	41	8.85	73	52.123	8/14/1985	15:24	0.3	28.8	15.2	10141
1985	3	33	6		236	41	9.79	73	52.202	8/14/1985	14:57	0.3	31	8.4	10582
1985	3	33	6		236	41	9.79	73	52.202	8/18/1985	18:14	0.3	26	10.2	13663
1985	3	34	6		234	41	10.19	73	53.93	8/15/1985	12:56	0.3	28.5	12	10296
1985	3	35	4		229	41	10.59	73	56.41	8/15/1985	11:06	0.3	26.8	8.3	10562
1985	3	35	4		277	41	10.95	73	57.06	8/15/1985	11:16	0.3	27.5	9.8	10318
1985	3	35	6		232	41	11.172	73	53.996	8/15/1985	13:13	0.3	27.9	11.8	9577
1985	3	35	6		274	41	11.17	73	53.71	8/15/1985	13:27	0.3	28	8.8	9651
1985	3	35	6		275	41	11.31	73	53.54	8/15/1985	13:42	0.3	28.3	8.6	9593

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	3	36	4		227	41	11.02	73	57.41	8/15/1985	11:26	0.3	27.9	9.9	10234
1985	3	36	4		281	41	11.13	73	57.16	8/15/1985	11:37	0.3	28	8.8	10120
1985	3	36	4		282	41	11.2	73	57.17	8/15/1985	11:45	0.3	28.2	8.7	10079
1985	3	38	4		222	41	12.979	73	57.867	8/15/1985	12:13	0.3	28.8	8.2	10234
1985	3	38	4		223	41	12.89	73	57.806	8/15/1985	11:58	0.3	29	8.9	10192
1985	3	38	4		278	41	12.96	73	57.828	8/15/1985	12:06	0.3	28.9	8.8	10213
1985	3	38	4		279	41	13.36	73	57.82	8/15/1985	12:26	0.3	29	9.1	10192
1985	3	38	6		220					8/15/1985	14:01	0.3	29.8	12.3	10119
1985	3	39	6		218	41	14.02	73	56.4	8/15/1985	14:13	0.3	29.8	14.8	10029
1985	3	40	4		209	41	14.97	73	58	8/15/1985	15:00	0.3	27.2	7.4	10571
1985	3	40	6		211	41	14.88	73	57.6	8/15/1985	15:00	0.3	29.2	9.2	9968
1985	3	40	6		211	41	14.88	73	57.6	8/15/1985	15:23	0.3	27.5	8.2	10223
1985	3	42	4		206	41	16.412	73	58.1	8/15/1985	14:22	0.3	27.1	9.6	9543
1985	3	49	4		196	41	21.16	73	57.74	8/15/1985	13:44	0.3	25.5	7.2	6902
1985	3	51	6		195	41	22.87	73	50.61	8/15/1985	13:06	0.3	26.5	8.7	5700
1985	3	52	6		194	41	24.12	73	56.81	8/15/1985	12:38	0.3	26	7.8	4197
1985	3	53	4		192	41	24.19	73	57.95	8/15/1985	12:23	0.3	25.2	6.8	6051
1985	3	53	6		191	41	24.882	73	57.554	8/15/1985	12:02	0.3	26	7.4	3709
1985	3	57	4		185	41	27.68	74	0.73	8/14/1985	16:29	0.3	27.9	10	2113
1985	3	57	4		186	41	27.28	74	0.8	8/15/1985	11:16	0.3	26.8	10.8	11407
1985	3	58	4		184	41	27.78	74	0.7	8/14/1985	16:12	0.3	28.8		1770
1985	3	59	6		179	41	29.24	73	59.34	8/14/1985	15:18	0.3	28.6	8	1389
1985	3	59	6		180	41	29.08	73	59.37	8/14/1985	15:38	0.3	28.3	8.6	1490
1985	3	59	6		181	41	29.04	73	59.33	8/14/1985	15:50	0.3	28.3	9.2	1490
1985	3	63	4		166					8/14/1985	14:50	0.3	28.7	8.5	637
1985	3	63	6		167	41	32.41	73	58.61	8/14/1985	14:30	0.3	27.8	11.9	602
1985	3	64	6		165	41	32.66	73	58.52	8/14/1985	14:16	0.3	28	9.9	665
1985	3	69	6		156	41	37.03	73	56.88	8/14/1985	13:37	0.3	27	8.4	261
1985	3	69	6		157	41	36.97	73	56.85	8/14/1985	13:53	0.3	27	8.3	270
1985	3	80	6		137	41	46.14	73	56.82	8/14/1985	12:55	0.3	25.8	7.8	210
1985	3	81	4		135	41	47.474	73	57.457	8/14/1985	12:32	0.3	26	8.8	205
1985	3	82	4		134	41	48.51	73	57.22	8/14/1985	12:01	0.3	25.5	8.3	205
1985	3	83	4		131	41	49.33	73	57.31	8/14/1985	11:09	0.3	25.2	8.4	210
1985	3	83	4		133	41	48.74	73	57.19	8/14/1985	11:38	0.3	25.5	8.2	217
1985	3	87	4		123	41	52.616	73	57.292	8/14/1985	10:42	0.3	25.9	10.6	213
1985	3	89	6		121	41	53.84	73	57.04	8/14/1985	10:24	0.3	25.3	9.4	209
1985	3	92	4		118	41	56.32	73	58.1	8/14/1985	9:47	0.3	25.8	10.4	206
1985	3	93	6		116	41	57.05	73	57.77	8/14/1985	9:31	0.3	25.5	10.1	206
1985	3	93	6		116	41	57.05	73	57.77	8/14/1985	10:03	0.3	25.7	10.6	208
1985	3	94	6		114	41	58.085	73	56.467	8/14/1985	9:12	0.3	25.2	9.8	210
1985	3	95	4		111	41	59.083	73	57.079	8/14/1985	8:55	0.3	25.1	9.7	209
1985	3	96	4		105	42	0.22	73	56.65	8/14/1985	8:26	0.3	25	9.8	207
1985	3	96	4		110	41	59.4	73	56.94	8/14/1985	8:43	0.3	25	10	209

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1985	3	97	4		103	42	0.5	73	56.51	8/13/1985	15:39	0.3	26.8	12.8	200
1985	3	98	4		100	42	1.67	73	56.54	8/13/1985	14:59	0.3	26.5	12	198
1985	3	98	4		101	42	1.426	73	56.456	8/13/1985	15:18	0.3	25.8	11.1	198
1985	3	105	4		97	42	7.68	73	55.13	8/13/1985	14:14	0.3	26.3	10.8	198
1985	3	105	4		98	42	7.33	73	55.3	8/13/1985	14:29	0.3	27	11.2	195
1985	3	109	6		93	42	9.91	73	52.81	8/13/1985	13:37	0.3	26	12	195
1985	3	111	6		89					8/13/1985	13:09	0.3	27	12.8	192
1985	3	112	4		88	42	12.69	73	51.26	8/13/1985	12:53	0.3	26	9.4	191
1985	3	114	4		81	42	14.39	73	50.549	8/13/1985	11:58	0.3	26.8	11	191
1985	3	114	4		82	42	14.31	73	50.58	8/13/1985	12:17	0.3	26.5	9.9	192
1985	3	114	4		83	42	14.26	73	50.71	8/13/1985	12:35	0.3	26.5	9.9	192
1985	3	118	4		75	42	16.12	73	47.49	8/13/1985	11:39	0.3	26	9.2	193
1985	3	119	4		72	42	16.82	73	47.28	8/13/1985	11:25	0.3	26	9.3	192
1985	3	121	6		67	42	18.82	73	46.89	8/13/1985	11:05	0.3	25.5	9.4	195
1985	3	122	6		64	42	19.9	73	46.8	8/13/1985	10:50	0.3	24.2	8.5	193
1985	3	125	4		51	42	22.87	73	47.8	8/13/1985	10:23	0.3	26	9	193
1985	3	126	4		49	42	23.4	73	47.52	8/13/1985	10:09	0.3	25.2	8.8	196
1985	3	127	4		46	42	24.35	73	47.08	8/13/1985	9:53	0.3	25	7.3	197
1985	3	128	4		44	42	25	73	46.99	8/13/1985	9:37	0.3	25	7.7	197
1985	3	129	6		38	42	26.05	73	46.82	8/13/1985	9:23	0.3	25.2	5.9	193
1985	3	130	4		37	42	26.76	73	47.22	8/13/1985	9:00	0.3	24.2	7	208
1985	3	130	6		36					8/13/1985	8:43	0.3	24.2	7.1	190
1985	4	15	4		263	40	54.252	73	55.961	8/28/1985	12:12	0.3	24.2	5.8	21265
1985	4	16	4		262	40	54.9	73	55.7	8/28/1985	11:56	0.3	24.8	5.9	22505
1985	4	18	4		260	40	56.889	73	55.1	8/28/1985	11:33	0.3	24	6.6	20336
1985	4	20	6		258	40	57.73	73	53.661	8/28/1985	11:13	0.3	23.8	6.6	19399
1985	4	22	6		256	40	59.97	73	53.05	8/28/1985	10:55	0.3	24	6.8	19116
1985	4	25	4		250	41	2.86	73	55.07	8/26/1985	12:31	0.3	24.8	7.4	16803
1985	4	25	4		250	41	2.86	73	55.07	8/28/1985	13:05	0.3	24	13	16065
1985	4	25	6		251	41	2.46	73	52.42	8/28/1985	10:34	0.3	24	7.8	15252
1985	4	26	4		283	41	8.34	73	54.4	8/26/1985	12:13	0.3	25	9.2	15938
1985	4	26	4		271	41	3.77	73	55.22	8/28/1985	13:21	0.3	25.1	12.4	15905
1985	4	26	6		247	41	3.891	73	52.077	8/26/1985	13:12	0.3	24.9	6.8	16969
1985	4	26	6		248	41	3.273	73	52.221	8/26/1985	12:53	0.3	24.9	7.1	16769
1985	4	26	6		247	41	3.891	73	52.077	8/28/1985	9:57	0.3	23.2	8	15506
1985	4	26	6		249	41	2.67	73	52.3	8/28/1985	10:17	0.3	23.7	7.4	15551
1985	4	27	4		245	41	4.19	73	55.21	8/26/1985	11:53	0.3	24.2	6.8	16202
1985	4	27	4		272	41	4.49	73	55.14	8/26/1985	11:39	0.3	24.3	7	15663
1985	4	27	4		245	41	4.19	73	55.21	8/28/1985	13:36	0.3	25	10.4	15938
1985	4	28	6		243	41	5.683	73	52.214	8/26/1985	13:29	0.3	24.9	6.9	15471
1985	4	28	6		244	41	5.33	73	52.33	8/28/1985	9:43	0.3	23	7.7	13702
1985	4	29	4		242	41	6.1	73	54.88	8/26/1985	11:21	0.3	25.1	7.3	15110
1985	4	29	4		242	41	6.1	73	54.88	8/28/1985	14:03	0.3	25.5	11.4	14789

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1985	4	30	4		241	41	7.14	73	54.77	8/28/1985	14:28	0.3	26.2	13.2	13608
1985	4	31	4		285	41	3.607	73	55.196	8/26/1985	11:04	0.3	25.1	7.5	12923
1985	4	32	4		240	41	8.48	73	54.42	8/26/1985	10:50	0.3	25.1	7	12824
1985	4	32	4		239	41	8.81	73	54.6	8/28/1985	14:56	0.3	25.2	9.8	12896
1985	4	32	6		238	41	8.85	73	52.123	8/26/1985	13:50	0.3	24.9	8.2	11778
1985	4	32	6		237	41	9.274	73	52.181	8/28/1985	9:06	0.3	23	8.7	13183
1985	4	32	6		269	41	9.445	73	52.243	8/28/1985	9:20	0.3	23.5	7.9	12842
1985	4	33	6		236	41	9.79	73	52.202	8/26/1985	14:04	0.3	25.2	9	12103
1985	4	34	6		234	41	10.19	73	53.93	8/27/1985	12:53				
1985	4	34	6		233	41	10.662	73	53.922	8/27/1985	13:17	0.3	25.1	8.5	12426
1985	4	35	4		229	41	10.59	73	56.41	8/27/1985	14:17				
1985	4	35	4		230	41	10.59	73	56.39	8/27/1985	13:54	0.3	26.4	9	11713
1985	4	35	4		277	41	10.95	73	57.06	8/27/1985	14:30	0.3	27	13.8	11475
1985	4	35	6		231	41	11.23	73	53.69	8/27/1985	11:14	0.3	24	8.2	12202
1985	4	35	6		232	41	11.172	73	53.996	8/27/1985	12:07	0.3	25.1	8.4	12028
1985	4	36	4		226	41	11.8	73	57.5	8/27/1985	15:33	0.3	27.9	8.9	10798
1985	4	36	4		227	41	11.02	73	57.41	8/27/1985	15:02	0.3	27.3	8.1	10645
1985	4	37	4		224					8/27/1985	16:19				
1985	4	37	4		225	41	12.096	73	57.458	8/27/1985	15:52	0.3	25.2	6.5	11805
1985	4	38	4		221	41	13.43	73	57.79	8/27/1985	17:20	0.3	25.5	7.7	10846
1985	4	38	4		222	41	12.979	73	57.867	8/27/1985	17:00	0.3	26	7.8	11223
1985	4	38	4		223	41	12.89	73	57.806	8/27/1985	16:46	0.3	26	7.5	9759
1985	4	39	4		216	41	13.48	73	57.84	8/27/1985	17:34	0.3	25.2	7.3	10416
1985	4	39	6		217	41	14.098	73	56.682	8/27/1985	10:25	0.3	24.6	7.1	1115
1985	4	39	6		219					8/27/1985	10:42	0.3	24.9	7.2	11778
1985	4	41	6		208	41	15.72	73	50.84	8/27/1985	10:03	0.3	25	6.8	9662
1985	4	43	6		205	41	16.413	73	56.551	8/27/1985	9:28	0.3	24	7.2	8744
1985	4	49	4		196	41	21.16	73	57.74	8/28/1985	15:38	0.3	26	7.1	6100
1985	4	52	6		193	41	24.12	73	57.31	8/28/1985	15:18	0.3	26	8.2	5856
1985	4	53	4		192	41	24.19	73	57.95	8/28/1985	15:08	0.3	25.5	7	4634
1985	4	54	6		190	41	24.961	73	57.702	8/28/1985	14:56	0.3	26	8.2	4294
1985	4	55	6		189	41	25.66	73	58.14	8/28/1985	14:45	0.3	27	8	3729
1985	4	57	4		186	41	27.28	74	0.8	8/28/1985	14:25	0.3	26.2	7.4	3305
1985	4	58	4		184	41	27.78	74	0.7	8/28/1985	14:14	0.3	27	10	2247
1985	4	59	6		179	41	29.24	73	59.34	8/28/1985	13:50	0.3	26	8.5	2196
1985	4	59	6		181	41	29.04	73	59.33	8/28/1985	13:59	0.3	26.2	8.4	2236
1985	4	60	6		178	41	29.25	73	59.32	8/28/1985	13:40	0.3	26	8.4	2001
1985	4	61	4		174	41	31.15	74	0.37	8/28/1985	13:18	0.3	26.5	7	1497
1985	4	63	4		166					8/28/1985	13:02	0.3	26.9	6.8	1341
1985	4	64	4		163	41	33.48	73	59.05	8/28/1985	12:45	0.3	26	7.2	1074
1985	4	65	4		162	41	33.99	73	58.39	8/28/1985	12:29	0.3	26.5	7.4	918
1985	4	66	6		161	41	34.88	73	56.84	8/28/1985	12:08	0.3	25.5	8.5	434
1985	4	69	6		156	41	37.03	73	56.88	8/28/1985	11:52	0.3	25.5	6	424

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1985	4	80	6		137	41	46.14	73	56.82	8/28/1985	11:18	0.3	25	6.4	209
1985	4	81	4		135	41	47.474	73	57.457	8/28/1985	11:03	0.3	25	6.5	229
1985	4	83	4		131	41	49.33	73	57.31	8/28/1985	10:01	0.3	24.8	8.9	215
1985	4	83	4		133	41	48.74	73	57.19	8/28/1985	10:22	0.3	24.2	8.5	223
1985	4	84	6		130	41	50.19	73	56.63	8/28/1985	9:38	0.3	24.6	6.7	211
1985	4	86	4		126	41	51.44	73	56.97	8/28/1985	8:59	0.3	24.8	9.2	205
1985	4	88	6		122	41	53.023	73	56.214	8/27/1985	17:37	0.3	25.2	7.8	203
1985	4	89	6		121	41	53.84	73	57.04	8/27/1985	17:18	0.3	26	10.2	195
1985	4	92	4		118	41	56.32	73	58.1	8/27/1985	16:49	0.3	25.8	7.9	206
1985	4	93	6		117	41	57.036	73	56.721	8/27/1985	17:02	0.3	25.2	9	203
1985	4	94	4		113	41	58.38	73	57.25	8/27/1985	16:38	0.3	25.5	8.8	207
1985	4	96	4		108	41	59.76	73	56.81	8/27/1985	16:02	0.3	25.2	9.9	208
1985	4	96	4		110	41	59.4	73	56.94	8/27/1985	16:12	0.3	25.5	8.9	207
1985	4	97	4		102	42	0.83	73	56.38	8/27/1985	15:48	0.3	25.4	8	207
1985	4	97	6		104	42	0.26	73	55.792	8/27/1985	16:25	0.3	25.8	10	206
1985	4	98	4		100	42	1.67	73	56.54	8/27/1985	15:37	0.3	25.5	9.2	207
1985	4	99	6		99	42	2.02	73	55.73	8/27/1985	15:16	0.3	25.5	10.2	202
1985	4	105	4		97	42	7.68	73	55.13	8/27/1985	14:53	0.3	25.5	8.5	207
1985	4	106	4		96	42	8.147	73	54.796	8/27/1985	14:42	0.3	25	8.2	204
1985	4	111	6		89					8/27/1985	14:09	0.3	26	9.9	205
1985	4	112	4		88	42	12.69	73	51.26	8/27/1985	13:51	0.3	25	7.7	199
1985	4	118	6		75	42	16.12	73	47.49	8/27/1985	13:23	0.3	26.2	7.6	199
1985	4	119	4		72	42	16.82	73	47.28	8/27/1985	13:10	0.3	25.7	7	210
1985	4	119	6		69	42	17.29	73	46.78	8/27/1985	12:59	0.3	25.8	7	208
1985	4	121	4		68	42	18.53	73	47.1	8/27/1985	12:44	0.3	25.6	6.9	209
1985	4	122	4		63	42	19.84	73	47.18	8/27/1985	12:29	0.3	25.3	6.9	208
1985	4	123	4		60	42	20.64	73	47.39	8/27/1985	12:09	0.3	25.6	6.8	207
1985	4	124	4		55	42	21.64	73	47.62	8/27/1985	11:42	0.3	25	6.8	211
1985	4	124	4		58					8/27/1985	11:54	0.3	24.9	6.9	210
1985	4	126	4		48	42	23.65	73	47.38	8/27/1985	11:30	0.3	24.9	6.8	210
1985	4	128	4		44	42	25	73	46.99	8/27/1985	11:16	0.3	24.9	6.5	210
1985	4	128	6		43	42	25.02	73	46.62	8/27/1985	11:03	0.3	24.8	6.2	206
1985	4	129	6		42	42	25.226	73	46.523	8/27/1985	10:53	0.3	24.8	6	208
1985	4	131	6		34					8/27/1985	10:31	0.3	24.8	4.9	212
1985	4	135	4		26	42	30.91	73	46.27	8/27/1985	9:45	0.3	25.2	7	225
1985	4	139	4		19	42	34.03	73	45.26	8/27/1985	8:30	0.3	24.5	5.9	196
1985	5	15	4		263	40	54.252	73	55.961	9/12/1985	11:38	0.3	23.2	6.7	21088
1985	5	18	6		261	40	56.27	73	54.17	9/12/1985	11:22	0.3	23	6.5	20968
1985	5	22	6		256	40	59.97	73	53.05	9/12/1985	11:02	0.3	23	7.6	18684
1985	5	23	6		254	41	1.086	73	52.681	9/12/1985	10:39	0.3	23	7.4	17646
1985	5	23	6		255	41	0.74	73	52.83	9/12/1985	10:50	0.3	22.8	7.3	18762
1985	5	24	6		252	41	2.057	73	52.505	9/12/1985	10:25	0.3	23	7.4	17646
1985	5	25	4		250	41	2.86	73	55.07	9/12/1985	12:38	0.3	22.6		13293

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	5	25	4		270	41	2.783	73	55.05	9/12/1985	12:20	0.3	22.5	9.1	12796
1985	5	25	6		251	41	2.46	73	52.42	9/12/1985	10:15	0.3	22.5	7.5	16781
1985	5	26	4		246	41	3.6	73	55.2	9/12/1985	13:13	0.3	22.8	9.1	13759
1985	5	26	4		271	41	3.77	73	55.22	9/12/1985	13:24	0.3	22.5	8.8	13635
1985	5	26	4		283	41	8.34	73	54.4	9/12/1985	12:57	0.3	23.3	9.8	14236
1985	5	26	6		247	41	3.891	73	52.077	9/11/1985	9:12	0.3	24	7.6	15049
1985	5	26	6		249	41	2.67	73	52.3	9/11/1985	9:27	0.3	23.3	7.5	15577
1985	5	26	6		247	41	3.891	73	52.077	9/12/1985	9:30	0.3	22.4	7.2	16711
1985	5	26	6		248	41	3.273	73	52.221	9/12/1985	9:45	0.3	22.5	7.3	16362
1985	5	26	6		249	41	2.67	73	52.3	9/12/1985	10:05	0.3	23	6.8	17335
1985	5	27	4		245	41	4.19	73	55.21	9/12/1985	13:40	0.3	22.9	9.2	12742
1985	5	27	4		272	41	4.49	73	55.14	9/12/1985	14:05	0.3	22.2	9.3	12559
1985	5	28	6		243	41	5.683	73	52.214	9/12/1985	9:07	0.3	22.6	6.8	15491
1985	5	28	6		244	41	5.33	73	52.33	9/12/1985	9:20	0.3	22.6	7.2	15281
1985	5	29	4		242	41	6.1	73	54.88	9/12/1985	14:23	0.3	23.2	9.5	13128
1985	5	30	4		241	41	7.14	73	54.77	9/12/1985	14:40	0.3	24	9.2	13523
1985	5	31	4		285	41	3.607	73	55.196	9/12/1985	15:04	0.3	23.8	8.7	13375
1985	5	32	6		237	41	9.274	73	52.181	9/11/1985	8:42	0.3	24.2	7	11341
1985	5	32	6		237	41	9.274	73	52.181	9/12/1985	8:33	0.3	22.7	7.2	13787
1985	5	32	6		238	41	8.85	73	52.123	9/12/1985	8:44	0.3	22.9	7.6	13314
1985	5	32	6		269	41	9.445	73	52.243	9/12/1985	8:23	0.3	22.8	7.2	13550
1985	5	33	6		236	41	9.79	73	52.202	9/12/1985	8:10	0.3	22.7	6.8	14414
1985	5	35	4		230	41	10.59	73	56.39	9/11/1985	12:35	0.3	23.9	8.2	10189
1985	5	35	6		231	41	11.23	73	53.69	9/11/1985	11:18	0.3	22.5	9	10593
1985	5	35	6		275	41	11.31	73	53.54	9/11/1985	11:01	0.3	22.9	8.9	10922
1985	5	36	4		226	41	11.8	73	57.5	9/11/1985	13:46	0.3	23.5	7.8	11095
1985	5	36	4		282	41	11.2	73	57.17	9/11/1985	13:30	0.3	23.9	8.6	11004
1985	5	36	6		228	41	12.25	73	53.5	9/10/1985	10:23	0.3	23	7.4	11522
1985	5	37	4		225	41	12.096	73	57.458	9/11/1985	14:11	0.3	23	8.6	10173
1985	5	38	4		221	41	13.43	73	57.79	9/11/1985	14:37	0.3	23.5	8.4	10582
1985	5	38	4		222	41	12.979	73	57.867	9/11/1985	14:53	0.3	23.5	8.5	10376
1985	5	38	4		223	41	12.89	73	57.806	9/11/1985	14:58	0.3	23.2	10.2	10337
1985	5	38	4		278	41	12.96	73	57.828	9/11/1985	15:43	0.3	23	10.1	10380
1985	5	38	4		279	41	13.36	73	57.82	9/11/1985	15:25	0.3	23	10	10276
1985	5	38	4		280	41	13.4	73	57.81	9/11/1985	15:09	0.3	23.9	9.5	9781
1985	5	38	6		220					9/11/1985	16:27	0.3	24	10.4	10676
1985	5	40	4		209	41	14.97	73	58	9/9/1985	15:12	0.3	26.5	7.2	7342
1985	5	40	6		213	41	14.64	73	57.15	9/9/1985	15:28	0.3	26	6.5	8979
1985	5	41	6		208	41	15.72	73	50.84	9/9/1985	14:55	0.3	27.5	7	7762
1985	5	43	6		202	41	17.12	73	55.98	9/9/1985	13:29	0.3	25.1	9.2	5169
1985	5	43	6		204	41	16.693	73	56.484	9/9/1985	14:09	0.3	25.1	7.4	6362
1985	5	48	4		197	41	20.86	73	58.08	9/10/1985	14:28	0.3	24.8	7.6	
1985	5	51	6		195	41	22.87	73	50.61	9/10/1985	14:00	0.3	25.4	9.4	

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1985	5	52	6		193	41	24.12	73	57.31	9/10/1985	13:45	0.3	25.2	8.7	
1985	5	54	6		190	41	24.961	73	57.702	9/10/1985	13:32	0.3	25	7.1	
1985	5	55	6		189	41	25.66	73	58.14	9/10/1985	13:20	0.3	24.9	6.5	
1985	5	57	4		185	41	27.68	74	0.73	9/10/1985	12:56	0.3	25	8.6	
1985	5	58	4		184	41	27.78	74	0.7	9/10/1985	12:47	0.3	25	8.5	
1985	5	59	6		179	41	29.24	73	59.34	9/10/1985	12:18	0.3	24.8	6.2	
1985	5	59	6		180	41	29.08	73	59.37	9/10/1985	12:25	0.3	25	6.4	
1985	5	59	6		181	41	29.04	73	59.33	9/10/1985	12:34	0.3	25	6.7	
1985	5	60	6		178	41	29.25	73	59.32	9/10/1985	12:08	0.3	24.6		
1985	5	62	4		173	41	31.59	74	0.28	9/10/1985	11:50	0.3	25	7.1	
1985	5	63	4		166					9/10/1985	11:34	0.3	25.2	6.2	
1985	5	69	6		156	41	37.03	73	56.88	9/10/1985	11:08	0.3	25	5.6	
1985	5	69	6		157	41	36.97	73	56.85	9/10/1985	11:15	0.3	24.9	5.8	
1985	5	72	4		151	41	40.04	73	57.11	9/10/1985	10:51	0.3	23.8	5.9	
1985	5	77	6		143	41	43.83	73	56.16	9/10/1985	10:19	0.3	23.3	5.8	
1985	5	78	4		139	41	44.786	73	56.758	9/10/1985	9:51	0.3	23.8	5.5	
1985	5	82	4		134	41	48.51	73	57.22	9/10/1985	9:31	0.3	23.3	6.2	
1985	5	83	4		131	41	49.33	73	57.31	9/10/1985	9:18	0.3	23.2	6.6	
1985	5	85	4		128					9/10/1985	8:40	0.3	22.5	6.2	
1985	5	87	4		123	41	52.616	73	57.292	9/9/1985	16:50	0.3	23.2	7.6	225
1985	5	89	6		121	41	53.84	73	57.04	9/9/1985	16:35	0.3	23.8	7.1	314
1985	5	91	6		119	41	55.847	73	56.774	9/9/1985	16:02	0.3	23.3	7.6	225
1985	5	92	4		118	41	56.32	73	58.1	9/9/1985	16:19	0.3	23.2	7.3	331
1985	5	93	6		117	41	57.036	73	56.721	9/9/1985	15:43	0.3	23.8	7.3	225
1985	5	94	4		115	41	57.78	73	57.47	9/9/1985	15:25	0.3	23.9	7.9	227
1985	5	95	4		111	41	59.083	73	57.079	9/9/1985	14:54	0.3	23.5	8.3	224
1985	5	95	6		112	41	58.238	73	56.123	9/9/1985	15:10	0.3	23.8	7.5	231
1985	5	97	4		103	42	0.5	73	56.51	9/9/1985	14:15	0.3	23.2	8.6	221
1985	5	97	6		104	42	0.26	73	55.792	9/9/1985	14:29	0.3	23.3	7.2	225
1985	5	98	4		100	42	1.67	73	56.54	9/9/1985	14:00	0.3	24.1	7.5	228
1985	5	105	4		97	42	7.68	73	55.13	9/9/1985	13:09	0.3	24	6.9	229
1985	5	105	4		98	42	7.33	73	55.3	9/9/1985	13:34	0.3	24.2	7.2	227
1985	5	106	4		96	42	8.147	73	54.796	9/9/1985	12:55	0.3	24.2	7.1	226
1985	5	109	6		93	42	9.91	73	52.81	9/9/1985	12:36	0.3	23.8	6.9	228
1985	5	111	6		89					9/9/1985	12:16	0.3	24.1	6.8	225
1985	5	113	4		86	42	13.12	73	51.33	9/9/1985	11:51	0.3	24.2	6.2	225
1985	5	115	6		79	42	14.8	73	49	9/9/1985	11:34	0.3	24	5.8	227
1985	5	117	4		76	42	15.84	73	47.69	9/9/1985	11:20	0.3	23.4	5.8	229
1985	5	118	4		75	42	16.12	73	47.49	9/9/1985	11:07	0.3	23.3	6.1	230
1985	5	121	4		68	42	18.53	73	47.1	9/9/1985	10:50	0.3	23.4	5.4	230
1985	5	121	6		66	42	19.33	73	46.85	9/9/1985	10:36	0.3	23.3	5.3	229
1985	5	122	6		64	42	19.9	73	46.8	9/9/1985	10:25	0.3	23.2	4.9	228
1985	5	123	4		59					9/9/1985	10:05	0.3	23.4	5.1	237

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1985	5	127	4		46	42	24.35	73	47.08	9/9/1985	9:39	0.3	23.1	5.7	230
1985	5	129	4		41	42	25.79	73	46.99	9/9/1985	9:21	0.3	23	5.5	230
1985	5	132	4		32	42	28.13	73	47.21	9/9/1985	9:00	0.3	23.3	6.5	218
1985	5	133	4		29	42	29.09	73	47.273	9/9/1985	8:45	0.3	23.2	6.5	218
1985	5	134	4		28	42	30.027	73	46.913	9/9/1985	8:30	0.3	23.2	6.2	219
1985	5	135	4		25	42	31.16	73	46.06	9/9/1985	8:11	0.3	22.7	6	214
1985	5	138	4		21	42	33.51	73	45.33	9/9/1985	7:48	0.3	23.5	7.8	217
1985	6	13	4		267					9/25/1985	10:46	0.3	21.5	6.8	25702
1985	6	14	4		265					9/25/1985	12:00	0.3	21.5	7.1	24310
1985	6	14	4		266	40	52.925	73	56.648	9/25/1985	11:28	0.3	21.6	6.9	24046
1985	6	18	4		260	40	56.889	73	55.1	9/25/1985	12:40	0.3	22.7	9.2	14623
1985	6	23	6		255	41	0.74	73	52.83	9/25/1985	13:18	0.3	22.5	8.6	19194
1985	6	24	6		252	41	2.057	73	52.505	9/23/1985	12:12	0.3	20.6	8.3	18881
1985	6	25	4		284	41	2.57	73	54.94	9/23/1985	11:51	0.3	20.2	9.8	14418
1985	6	25	4		250	41	2.86	73	55.07	9/25/1985	15:36	0.3	21	10.5	
1985	6	25	4		270	41	2.783	73	55.05	9/25/1985	15:45	0.3	20.8	10.8	
1985	6	25	6		251	41	2.46	73	52.42	9/25/1985	13:51	0.3	22.3	9.7	16957
1985	6	26	4		283	41	8.34	73	54.4	9/23/1985	11:40	0.3	20.2	10.1	15959
1985	6	26	4		271	41	3.77	73	55.22	9/25/1985	15:27	0.3	21.5	11.2	
1985	6	26	6		247	41	3.891	73	52.077	9/23/1985	12:47	0.3	20.8	9.5	17171
1985	6	26	6		248	41	3.273	73	52.221	9/23/1985	12:36	0.3	20.9	9.1	17894
1985	6	26	6		249	41	2.67	73	52.3	9/23/1985	12:23	0.3	20.8	8	18475
1985	6	26	6		247	41	3.891	73	52.077	9/25/1985	14:26	0.3	22.1	10.2	12162
1985	6	26	6		249	41	2.67	73	52.3	9/25/1985	14:11	0.3	22.3	10.5	12428
1985	6	27	4		272	41	4.49	73	55.14	9/23/1985	11:27	0.3	20.2	10.1	15959
1985	6	27	4		245	41	4.19	73	55.21	9/25/1985	15:15	0.3	20.9	10.8	
1985	6	28	6		244	41	5.33	73	52.33	9/23/1985	13:01	0.3	20.9	9.8	15508
1985	6	28	6		244	41	5.33	73	52.33	9/25/1985	14:51	0.3	22.2	10.4	10554
1985	6	29	4		242	41	6.1	73	54.88	9/23/1985	11:05	0.3	20.2	10.2	14528
1985	6	30	4		241	41	7.14	73	54.77	9/25/1985	14:54	0.3	22.1	11.3	
1985	6	31	4		285	41	3.607	73	55.196	9/23/1985	10:51	0.3	20.8	10.2	13259
1985	6	32	4		239	41	8.81	73	54.6	9/23/1985	10:30	0.3	21.2	10.2	13148
1985	6	32	4		239	41	8.81	73	54.6	9/25/1985	14:26	0.3	21.5	10.2	
1985	6	32	4		240	41	8.48	73	54.42	9/25/1985	14:39	0.3	22	10.2	
1985	6	32	6		269	41	9.445	73	52.243	9/23/1985	13:25	0.3	21.2	10.3	13040
1985	6	33	6		236	41	9.79	73	52.202	9/25/1985	15:33	0.3	22.8	10.6	9589
1985	6	34	6		233	41	10.662	73	53.922	9/23/1985	14:07	0.3	21.2	13.4	12393
1985	6	34	6		235	41	10.632	73	52.59	9/23/1985	13:42	0.3	21.9	13.8	13275
1985	6	35	4		229	41	10.59	73	56.41	9/25/1985	13:58	0.3	20.8	9.6	
1985	6	35	4		230	41	10.59	73	56.39	9/25/1985	14:07	0.3	21.6	9.6	
1985	6	35	4		277	41	10.95	73	57.06	9/25/1985	13:46	0.3	21.8	9.4	
1985	6	35	6		232	41	11.172	73	53.996	9/23/1985	14:19	0.3	21.5	12	11994
1985	6	35	6		274	41	11.17	73	53.71	9/23/1985	14:40	0.3	21.7	13.2	11838

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1985	6	36	4		226	41	11.8	73	57.5	9/25/1985	12:56	0.3	21.5	8.7	
1985	6	36	4		227	41	11.02	73	57.41	9/25/1985	13:34	0.3	21.8	9.4	
1985	6	36	4		281	41	11.13	73	57.16	9/25/1985	13:22	0.3	22	8.9	
1985	6	36	4		282	41	11.2	73	57.17	9/25/1985	13:15	0.3	22	9.2	
1985	6	37	4		225	41	12.096	73	57.458	9/25/1985	12:46	0.3	21.8	8.9	
1985	6	38	4		222	41	12.979	73	57.867	9/25/1985	12:23	0.3	21.5	8.6	
1985	6	38	4		278	41	12.96	73	57.828	9/25/1985	12:30	0.3	21.8	8.5	
1985	6	39	4		215	41	13.62	73	58.34	9/25/1985	11:55	0.3	21	8.4	
1985	6	40	4		209	41	14.97	73	58	9/24/1985	14:55	0.3	24.2	8.3	
1985	6	40	6		210	41	14.87	73	57.74	9/24/1985	15:13	0.3	23.4	8.9	12559
1985	6	42	6		207	41	15.3	73	57.8	9/24/1985	14:29	0.3	25.1	8.2	8052
1985	6	44	6		201	41	17.74	73	56.87	9/24/1985	13:45	0.3	23.3	8.1	9078
1985	6	49	4		196	41	21.16	73	57.74	9/25/1985	11:10	0.3	21.2	7.8	
1985	6	52	6		193	41	24.12	73	57.31	9/25/1985	10:53	0.3	21.5	7.2	
1985	6	53	4		192	41	24.19	73	57.95	9/25/1985	10:40	0.3	21.8	7.1	
1985	6	53	6		191	41	24.882	73	57.554	9/25/1985	10:27	0.3	21	7.9	
1985	6	54	6		190	41	24.961	73	57.702	9/25/1985	10:17	0.3	21.2	7.6	
1985	6	56	4		187	41	26.83	74	0.5	9/25/1985	9:59	0.3	20.8	8	
1985	6	58	4		183	41	28.02	74	0.87	9/25/1985	9:40	0.3	19.8	7.8	
1985	6	58	4		184	41	27.78	74	0.7	9/25/1985	9:52	0.3	21	7.7	
1985	6	59	4		179	41	29.24	73	59.34	9/25/1985	9:25	0.3	20.1	6.9	
1985	6	60	6		178	41	29.25	73	59.32	9/25/1985	9:15	0.3	20.2	7	
1985	6	61	4		174	41	31.15	74	0.37	9/25/1985	8:55	0.3	21.7	7	
1985	6	62	4		173	41	31.59	74	0.28	9/25/1985	8:40	0.3	21.6	6.6	
1985	6	69	4		156	41	37.03	73	56.88	9/24/1985	18:51	0.3	21	7.4	
1985	6	69	6		157	41	36.97	73	56.85	9/25/1985	8:08	0.3	21	6.5	
1985	6	71	4		153	41	39.06	73	57.257	9/24/1985	18:41	0.3	20.2	8	
1985	6	76	4		146	41	42.94	73	56.87	9/24/1985	18:22	0.3	20.1	7.5	
1985	6	80	6		137	41	46.14	73	56.82	9/24/1985	18:04	0.3	20.3	7.7	
1985	6	81	4		135	41	47.474	73	57.457	9/24/1985	17:52	0.3	20.3	8	
1985	6	82	4		134	41	48.51	73	57.22	9/24/1985	17:43	0.3	20.3	8.5	
1985	6	84	4		129	41	50.61	73	57.28	9/24/1985	17:30	0.3	20.4	8.4	
1985	6	85	4		128					9/24/1985	17:19	0.3	20.3	8.6	
1985	6	86	4		124	41	51.95	73	56.84	9/24/1985	17:03	0.3	20.5	7.6	
1985	6	87	4		123	41	52.616	73	57.292	9/24/1985	16:48	0.3	20.8	8.5	
1985	6	88	6		122	41	53.023	73	56.214	9/24/1985	16:36	0.3	20.6	8.5	
1985	6	89	6		121	41	53.84	73	57.04	9/24/1985	16:28	0.3	20.6	8.3	
1985	6	93	6		117	41	57.036	73	56.721	9/24/1985	15:48	0.3	20.6	9.2	
1985	6	94	4		113	41	58.38	73	57.25	9/24/1985	15:24	0.3	20.3	8.4	
1985	6	94	4		115	41	57.78	73	57.47	9/24/1985	15:37	0.3	20.3	8.6	
1985	6	95	4		111	41	59.083	73	57.079	9/24/1985	15:12	0.3	20.4	9.6	
1985	6	96	4		105	42	0.22	73	56.65	9/24/1985	14:53	0.3	20.5	10.3	1291
1985	6	96	4		110	41	59.4	73	56.94	9/24/1985	15:01	0.3	20.5	10.2	1312

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1985	6	97	4		103	42	0.5	73	56.51	9/24/1985	14:44	0.3	20.1	9.6	7941
1985	6	98	4		100	42	1.67	73	56.54	9/24/1985	14:32	0.3	20.6	9.3	1550
1985	6	99	6		99	42	2.02	73	55.73	9/24/1985	14:18	0.3	20.6	10	1310
1985	6	105	4		98	42	7.33	73	55.3	9/24/1985	13:53	0.3	20.2	9.8	1409
1985	6	110	6		90	42	11.04	73	51.38	9/24/1985	13:31	0.3	20.6	8.2	1484
1985	6	113	4		86	42	13.12	73	51.33	9/24/1985	13:06	0.3	20.6	10	1528
1985	6	113	4		86	42	13.12	73	51.33	9/24/1985	13:17	0.3	20.8	10.1	1467
1985	6	114	4		81	42	14.39	73	50.549	9/24/1985	12:56	0.3	20.6	10.1	1506
1985	6	116	4		78					9/24/1985	12:25	0.3	20.5	9.9	1586
1985	6	118	4		73	42	16.76	73	47.67	9/24/1985	12:11	0.3	20.8	9.6	1598
1985	6	121	6		67	42	18.82	73	46.89	9/24/1985	11:58	0.3	20	8.5	1846
1985	6	122	6		62	42	20.105	73	46.848	9/24/1985	11:38	0.3	20	8.6	1802
1985	6	123	4		59					9/24/1985	11:19	0.3	20	8.3	1879
1985	6	123	4		60	42	20.64	73	47.39	9/24/1985	11:26	0.3	20.1	8.2	1875
1985	6	124	4		58					9/24/1985	11:04	0.3	19.8	8.3	2192
1985	6	129	6		38	42	26.05	73	46.82	9/24/1985	10:37	0.3	20	7.2	2122
1985	6	129	6		40	42	25.67	73	46.67	9/24/1985	10:50	0.3	19.8	8.4	2187
1985	6	132	4		30					9/24/1985	10:21	0.3	19.8	7	1987
1985	6	135	4		25	42	31.16	73	46.06	9/24/1985	10:08	0.3	19.5	6.6	2067
1985	6	138	4		20	42	33.5	73	45.35	9/24/1985	9:48	0.3	20.5	7.5	1159
1985	6	139	4		19	42	34.03	73	45.26	9/24/1985	9:35	0.3	19.5	7.5	1190
1985	6	145	6		5	42	39.19	73	44.41	9/24/1985	9:02	0.3	19.5	7.6	1195
1985	7	12	4		268					10/7/1985	15:09	0.3	19.6	8.2	16497
1985	7	13	4		267					10/7/1985	14:54	0.3	19.5	8.4	13181
1985	7	15	4		264	40	53.57	73	56.32	10/7/1985	14:37	0.3	18.9	8.6	12219
1985	7	18	6		261	40	56.27	73	54.17	10/7/1985	15:35	0.3	19.2	9	11242
1985	7	22	6		256	40	59.97	73	53.05	10/7/1985	15:48	0.3	19	8.9	11290
1985	7	24	6		252	41	2.057	73	52.505	10/7/1985	16:17	0.3	19.2	8.6	9106
1985	7	25	4		250	41	2.86	73	55.07	10/7/1985	13:40	0.3	19	8.8	9935
1985	7	25	4		270	41	2.783	73	55.05	10/7/1985	13:49	0.3	19	9.9	10161
1985	7	25	4		284	41	2.57	73	54.94	10/7/1985	14:01	0.3	18.8	8.5	10205
1985	7	26	4		283	41	8.34	73	54.4	10/7/1985	13:30	0.3	19.3	8.3	9535
1985	7	26	4		271	41	3.77	73	55.22	10/9/1985	12:10	0.3	17.8	9.8	8110
1985	7	26	6		247	41	3.891	73	52.077	10/7/1985	16:31	0.3	19.8	8.7	7992
1985	7	27	4		245	41	4.19	73	55.21	10/7/1985	13:18	0.3	19.2	8.4	8994
1985	7	27	4		245	41	4.19	73	55.21	10/9/1985	12:25	0.3	18	9	7844
1985	7	27	4		272	41	4.49	73	55.14	10/9/1985	13:00	0.3	19	14.2	7903
1985	7	28	6		243	41	5.683	73	52.214	10/7/1985	16:47	0.3	19.8	8.5	7770
1985	7	28	6		244	41	5.33	73	52.33	10/9/1985	11:40	0.3	18.3	8.8	8252
1985	7	29	4		242	41	6.1	73	54.88	10/9/1985	13:30	0.3	18.9	9.8	7354
1985	7	30	4		241	41	7.14	73	54.77	10/9/1985	13:50	0.3	19.5	9.6	6926
1985	7	31	4		285	41	3.607	73	55.196	10/7/1985	12:59	0.3	20.5	7.9	6781
1985	7	31	4		285	41	3.607	73	55.196	10/9/1985	14:15	0.3	19.2	10	8656

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1985	7	32	4		240	41	8.48	73	54.42	10/7/1985	12:45	0.3	20.4	7.6	6466
1985	7	32	4		239	41	8.81	73	54.6	10/9/1985	14:50	0.3	19.1	9.5	6760
1985	7	32	6		237	41	9.274	73	52.181	10/7/1985	17:06	0.3	20.2	8.6	6934
1985	7	32	6		269	41	9.445	73	52.243	10/7/1985	17:19	0.3	20	8.8	6853
1985	7	32	6		237	41	9.274	73	52.181	10/9/1985	11:05	0.3	18	9.9	6921
1985	7	32	6		238	41	8.85	73	52.123	10/9/1985	11:20	0.3	18	8.9	7036
1985	7	32	6		269	41	9.445	73	52.243	10/9/1985	10:45	0.3	18	9.2	6806
1985	7	33	6		236	41	9.79	73	52.202	10/9/1985	10:25	0.3	17.7	8.6	6850
1985	7	34	6		235	41	10.632	73	52.59	10/7/1985	17:30	0.3	19	10	8129
1985	7	34	6		233	41	10.662	73	53.922	10/9/1985	15:32	0.3	19.5	10.1	6591
1985	7	35	6		231	41	11.23	73	53.69	10/9/1985	16:20	0.3	19.2	12.6	6520
1985	7	35	6		232	41	11.172	73	53.996	10/9/1985	15:45	0.3	18.2	11.4	6547
1985	7	35	6		274	41	11.17	73	53.71	10/9/1985	16:35	0.3	18.5	10.8	6048
1985	7	35	6		275	41	11.31	73	53.54	10/9/1985	16:49	0.3	19.1	12.4	6196
1985	7	36	6		228	41	12.25	73	53.5	10/9/1985	15:20	0.3	18.8	10	6576
1985	7	36	6		228	41	12.25	73	53.5	10/9/1985	17:05	0.3	19	11.9	6210
1985	7	36	6		276	41	12.17	73	53.51	10/9/1985	16:55	0.3	19.2	12.1	6183
1985	7	37	4		224					10/10/1985	11:48	0.3	20.5	9.3	
1985	7	37	4		225	41	12.096	73	57.458	10/10/1985	13:09	0.3	21	8.9	5952
1985	7	38	4		221	41	13.43	73	57.79	10/10/1985	12:29	0.3	21	8.6	5303
1985	7	38	4		222	41	12.979	73	57.867	10/10/1985	12:15	0.3	21	8.9	5736
1985	7	38	4		223	41	12.89	73	57.806	10/10/1985	12:03	0.3	20.5	8.5	5468
1985	7	39	4		216	41	13.48	73	57.84	10/10/1985	12:45	0.3	20.5	8.3	
1985	7	39	6		219					10/10/1985	10:43	0.3	19.5	9.5	5697
1985	7	40	6		210	41	14.87	73	57.74	10/10/1985	9:59	0.3	19.9	8	6424
1985	7	40	6		212					10/10/1985	9:23	0.3	19.5	7.9	6144
1985	7	40	6		213	41	14.64	73	57.15	10/10/1985	10:18	0.3	19.5	8.5	5585
1985	7	48	4		197	41	20.86	73	58.08	10/9/1985	18:05	0.3	19.2	7.8	1405
1985	7	52	6		193	41	24.12	73	57.31	10/9/1985	17:54	0.3	19.2	8.2	708
1985	7	53	4		192	41	24.19	73	57.95	10/9/1985	17:44	0.3	19	8.5	553
1985	7	54	6		190	41	24.961	73	57.702	10/9/1985	17:35	0.3	20	8.6	691
1985	7	55	6		189	41	25.66	73	58.14	10/9/1985	17:25	0.3	19.2	8.2	360
1985	7	56	4		187	41	26.83	74	0.5	10/9/1985	17:11	0.3	20	11.2	326
1985	7	58	4		183	41	28.02	74	0.87	10/9/1985	16:39	0.3	19.4	8.8	397
1985	7	58	4		184	41	27.78	74	0.7	10/9/1985	14:56	0.3	19.2	8.6	332
1985	7	59	6		179	41	29.24	73	59.34	10/9/1985	16:17	0.3	19.2	9.8	391
1985	7	59	6		181	41	29.04	73	59.33	10/9/1985	16:26	0.3	19.2	10	369
1985	7	61	4		174	41	31.15	74	0.37	10/9/1985	15:58	0.3	19.8	8.5	353
1985	7	62	4		173	41	31.59	74	0.28	10/9/1985	15:47	0.3	20.2	9	308
1985	7	63	4		166					10/9/1985	15:32	0.3	19.6	8.3	293
1985	7	66	4		160	41	34.777	73	57.753	10/9/1985	15:12	0.3	20.2	8.6	317
1985	7	69	6		157	41	36.97	73	56.85	10/9/1985	14:48	0.3	18.9	8	328
1985	7	74	6		148	41	41.15	73	56.31	10/9/1985	14:17	0.3	19.8	9.2	316

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1985	7	77	6		140	41	44.56	73	56.17	10/9/1985	13:39	0.3	19.6	7.7	312
1985	7	77	6		141	41	44.46	73	56.21	10/9/1985	13:23	0.3	18.3	7.9	298
1985	7	81	4		135	41	47.474	73	57.457	10/9/1985	12:54	0.3	18.5	9.4	274
1985	7	82	4		134	41	48.51	73	57.22	10/9/1985	12:22	0.3	17.2	9	264
1985	7	84	6		130	41	50.19	73	56.63	10/9/1985	12:07	0.3	17.8	9.4	256
1985	7	87	4		123	41	52.616	73	57.292	10/9/1985	11:41	0.3	16.5	9.2	272
1985	7	88	6		122	41	53.023	73	56.214	10/9/1985	11:27	0.3	16.9	9.2	281
1985	7	89	6		121	41	53.84	73	57.04	10/9/1985	11:14	0.3	17	9.2	269
1985	7	92	4		118	41	56.32	73	58.1	10/9/1985	9:56	0.3	16.9	8.2	236
1985	7	93	4		116	41	57.05	73	57.77	10/9/1985	10:17	0.3	17.2	8.4	270
1985	7	94	4		115	41	57.78	73	57.47	10/9/1985	10:31	0.3	16.8	8.8	284
1985	7	94	6		114	41	58.085	73	56.467	10/9/1985	10:47	0.3	17	8.5	259
1985	7	96	6		106	42	59.99	73	55.94	10/8/1985	17:48	0.3	18.3	8.9	235
1985	7	96	6		109	41	59.43	73	56.012	10/8/1985	17:59	0.3	17.9	8.8	225
1985	7	97	4		102	42	0.83	73	56.38	10/8/1985	17:38	0.3	18.9	8.6	226
1985	7	98	4		100	42	1.67	73	56.54	10/8/1985	17:18	0.3	17.5	9.2	233
1985	7	98	4		101	42	1.426	73	56.456	10/8/1985	17:30	0.3	18.8	9.1	228
1985	7	99	6		99	42	2.02	73	55.73	10/8/1985	17:00	0.3	18	9.6	242
1985	7	106	4		96	42	8.147	73	54.796	10/8/1985	14:28	0.3	19	11.6	262
1985	7	108	6		94	42	9.56	73	53.18	10/8/1985	15:18	0.3	18.8	10.2	255
1985	7	109	6		92	42	10.27	73	52.32	10/8/1985	14:49	0.3	19	8.3	254
1985	7	113	4		86	42	13.12	73	51.33	10/8/1985	14:29	0.3	18	9.2	265
1985	7	114	4		81	42	14.39	73	50.549	10/8/1985	13:42	0.3	19	9.2	230
1985	7	114	6		85	42	13.54	73	50.75	10/8/1985	14:10	0.3	18.5	10.1	250
1985	7	119	6		72	42	16.82	73	47.28	10/8/1985	13:16	0.3	18	7.9	233
1985	7	121	4		65	42	19.307	73	47.217	10/8/1985	12:58	0.3	17.8	7.8	226
1985	7	122	4		61	42	20.29	73	47.24	10/8/1985	12:26	0.3	18.2	7.8	221
1985	7	122	6		62	42	20.105	73	46.848	10/8/1985	12:42	0.3	18.2	8.4	230
1985	7	124	6		57	42	21.28	73	47.32	10/8/1985	12:10	0.3	17.8	7.8	220
1985	7	126	4		49	42	23.4	73	47.52	10/8/1985	11:51	0.3	17.8	7.5	231
1985	7	128	6		43	42	25.02	73	46.62	10/8/1985	11:33	0.3	17.2	7.8	225
1985	7	129	6		38	42	26.05	73	46.82	10/8/1985	11:18	0.3	16.9	8	222
1985	7	132	4		30					10/8/1985	10:55	0.3	16.8	8.2	213
1985	7	138	4		22	42	33.36	73	45.42	10/8/1985	10:23	0.3	16.8	8.4	223
1985	7	139	4		14	42	34.34	73	45.02	10/8/1985	9:45	0.3	15.4	6.8	222
1985	7	139	4		19	42	34.03	73	45.26	10/8/1985	10:03	0.3	16	8.2	219
1985	8	13	4		267					10/23/1985	16:43	0.3	17.5	8.8	12827
1985	8	14	4		266	40	52.925	73	56.648	10/23/1985	16:53	0.3	17.2	8.8	12910
1985	8	18	4		260	40	56.889	73	55.1	10/23/1985	17:09	0.3	17.2	8.8	10328
1985	8	18	6		261	40	56.27	73	54.17	10/23/1985	16:34	0.3	17.2	8.8	13497
1985	8	22	6		256	40	59.97	73	53.05	10/23/1985	16:18	0.3	17.5	9.1	11660
1985	8	24	6		252	41	2.057	73	52.505	10/23/1985	16:06	0.3	17.2	9.2	8803
1985	8	25	6		251	41	2.46	73	52.42	10/23/1985	15:55	0.3	17.5	8.9	9562

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1985	8	25	6		250	41	2.86	73	55.07	10/24/1985	11:36	0.3	16.8	9.9	8524
1985	8	25	6		270	41	2.783	73	55.05	10/24/1985	11:29	0.3	16.4	9.9	8361
1985	8	25	6		284	41	2.57	73	54.94	10/24/1985	11:19	0.3	16.2	10.2	8397
1985	8	26	6		247	41	3.891	73	52.077	10/23/1985	15:31	0.3	17.8	8.8	11006
1985	8	26	6		248	41	3.273	73	52.221	10/23/1985	15:40	0.3	17.8	8.8	11353
1985	8	26	6		249	41	2.67	73	52.3	10/23/1985	15:46	0.3	18	8.7	11189
1985	8	26	6		246	41	3.6	73	55.2	10/24/1985	11:55	0.3	16.2	9.9	8637
1985	8	26	6		271	41	3.77	73	55.22	10/24/1985	12:02	0.3	16.8	9.8	8524
1985	8	26	6		283	41	8.34	73	54.4	10/24/1985	11:46	0.3	16.7	9.8	8543
1985	8	27	6		245	41	4.19	73	55.21	10/24/1985	12:10	0.3	16.8	9.7	8524
1985	8	27	6		272	41	4.49	73	55.14	10/24/1985	12:18	0.3	16.8	9.7	8051
1985	8	28	6		243	41	5.683	73	52.214	10/23/1985	15:12	0.3	17.2	9.8	8216
1985	8	28	6		244	41	5.33	73	52.33	10/23/1985	15:21	0.3	17.3	8.2	8783
1985	8	29	6		242	41	6.1	73	54.88	10/24/1985	12:28	0.3	17.2	8.6	7277
1985	8	30	6		241	41	7.14	73	54.77	10/24/1985	12:39	0.3	17.2	9.7	7277
1985	8	31	4		285	41	3.607	73	55.196	10/23/1985	17:49	0.3	17.5	8.8	6413
1985	8	32	4		240	41	8.48	73	54.42	10/23/1985	17:43	0.3	17.2	8.6	6455
1985	8	32	6		237	41	9.274	73	52.181	10/23/1985	14:44	0.3	18	9.8	6690
1985	8	32	6		238	41	8.85	73	52.123	10/23/1985	14:56	0.3	18	9.8	6806
1985	8	32	6		269	41	9.445	73	52.243	10/23/1985	14:38	0.3	19.2	9.2	6520
1985	8	32	6		239	41	8.81	73	54.6	10/24/1985	12:51	0.3	17.5	9	6763
1985	8	33	6		236	41	9.79	73	52.202	10/23/1985	14:23	0.3	16.8	10	7104
1985	8	34	6		233	41	10.662	73	53.922	10/23/1985	13:36	0.3	18.2	10.1	6317
1985	8	34	6		235	41	10.632	73	52.59	10/23/1985	13:51	0.3	17.5		6880
1985	8	35	6		231	41	11.23	73	53.69	10/23/1985	13:24	0.3	17.5	11.8	5539
1985	8	35	6		275	41	11.31	73	53.54	10/23/1985	13:15	0.3	17.8	11.1	5387
1985	8	35	6		230	41	10.59	73	56.39	10/24/1985	13:07	0.3	17.8	8.6	4692
1985	8	35	6		277	41	10.95	73	57.06	10/24/1985	13:16	0.3	17.9	8	4740
1985	8	36	6		228	41	12.25	73	53.5	10/23/1985	13:00	0.3	18	11.8	5364
1985	8	36	6		226	41	11.8	73	57.5	10/24/1985	13:35	0.3	17.2	8.6	4695
1985	8	36	6		281	41	11.13	73	57.16	10/24/1985	13:26	0.3	18.2	9.2	4594
1985	8	37	6		225	41	12.096	73	57.458	10/24/1985	13:42	0.3	17.8	9	4692
1985	8	38	6		221	41	13.43	73	57.79	10/24/1985	14:18	0.3	17.8	8.1	3707
1985	8	38	6		223	41	12.89	73	57.806	10/24/1985	13:57	0.3	18.2	8.6	3928
1985	8	38	6		279	41	13.36	73	57.82	10/24/1985	14:04	0.3	18.1	8.7	3925
1985	8	38	6		280	41	13.4	73	57.81	10/24/1985	14:10	0.3	18.2	8.2	4020
1985	8	40	4		209	41	14.97	73	58	10/23/1985	12:26	0.3	19.8	7.9	394
1985	8	40	6		213	41	14.64	73	57.15	10/23/1985	12:38	0.3	18.2	8.5	3561
1985	8	43	6		205	41	16.413	73	56.551	10/23/1985	12:04	0.3	16.2	9.2	2375
1985	8	46	4		198	41	19.7	73	59	10/23/1985	11:36	0.3	17.2	7.9	1584
1985	8	46	6		199	41	19.42	73	58.77	10/23/1985	11:45	0.3	16.9	8.2	1276
1985	8	49	4		196	41	21.16	73	57.74	10/23/1985	11:21	0.3	16.8	8.6	841
1985	8	51	6		195	41	22.87	73	50.61	10/23/1985	11:04	0.3	16.5	8.2	590

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1985	8	53	6		191	41	24.882	73	57.554	10/23/1985	10:50	0.3	16.8	8	551
1985	8	54	6		190	41	24.961	73	57.702	10/23/1985	10:37	0.3	16.2	8.7	422
1985	8	55	6		189	41	25.66	73	58.14	10/23/1985	10:23	0.3	16.2	8.4	288
1985	8	56	4		187	41	26.83	74	0.5	10/23/1985	8:38	0.3	16.2	7.8	246
1985	8	57	4		185	41	27.68	74	0.73	10/23/1985	8:57	0.3	15.2	8.2	264
1985	8	58	4		183	41	28.02	74	0.87	10/23/1985	9:12	0.3	15	7.3	269
1985	8	58	4		184	41	27.78	74	0.7	10/23/1985	9:05	0.3	15.2	8.4	270
1985	8	59	6		180	41	29.08	73	59.37	10/23/1985	9:57	0.3	14.9	9	321
1985	8	59	6		181	41	29.04	73	59.33	10/23/1985	10:05	0.3	15	8.8	314
1985	8	64	4		163	41	33.48	73	59.05	10/22/1985	17:44	0.3	15.2	8.4	239
1985	8	69	6		157	41	36.97	73	56.85	10/22/1985	17:22	0.3	14.8	8.2	223
1985	8	71	4		153	41	39.06	73	57.257	10/22/1985	17:10	0.3	14	8.6	234
1985	8	74	6		148	41	41.15	73	56.31	10/22/1985	16:54	0.3	14.9	9.7	241
1985	8	76	4		146	41	42.94	73	56.87	10/22/1985	16:42	0.3	11.2	10	299
1985	8	77	6		141	41	44.46	73	56.21	10/22/1985	16:30	0.3	14.8	9.5	234
1985	8	80	6		137	41	46.14	73	56.82	10/22/1985	16:15	0.3	14.5	10.2	237
1985	8	81	4		135	41	47.474	73	57.457	10/22/1985	15:47	0.3	13.2	9.4	244
1985	8	81	6		136					10/22/1985	16:00	0.3	13.8	9.4	243
1985	8	83	4		131	41	49.33	73	57.31	10/22/1985	15:29	0.3	13.2	10.4	231
1985	8	86	6		125	41	51.75	73	55.89	10/22/1985	15:11	0.3	14.8	10.6	241
1985	8	87	4		123	41	52.616	73	57.292	10/22/1985	14:57	0.3	13	11	251
1985	8	90	6		120	41	54.02	73	57.2	10/22/1985	14:41	0.3	14	10.6	248
1985	8	92	4		118	41	56.32	73	58.1	10/22/1985	14:19	0.3	14	10.2	265
1985	8	93	4		116	41	57.05	73	57.77	10/22/1985	14:06	0.3	13.2	11	241
1985	8	95	4		111	41	59.083	73	57.079	10/22/1985	13:54	0.3	13.4	10.4	236
1985	8	96	4		108	41	59.76	73	56.81	10/22/1985	13:39	0.3	13.8	10.2	222
1985	8	96	4		110	41	59.4	73	56.94	10/22/1985	13:45	0.3	13.5	10.5	213
1985	8	97	4		103	42	0.5	73	56.51	10/22/1985	13:26	0.3	13	9.9	239
1985	8	97	6		104	42	0.26	73	55.792	10/22/1985	13:17	0.3	12.6	10	
1985	8	99	6		99	42	2.02	73	55.73	10/22/1985	13:07	0.3	12.5	10.1	233
1985	8	105	4		97	42	7.68	73	55.13	10/22/1985	12:43	0.3	13.1	9.9	232
1985	8	105	4		98	42	7.33	73	55.3	10/22/1985	12:49	0.3	13.1	9.4	230
1985	8	106	4		96	42	8.147	73	54.796	10/22/1985	12:25	0.3	12.8	9.4	236
1985	8	107	4		95	42	8.94	73	54.32	10/22/1985	12:35	0.3	13	8.8	232
1985	8	109	6		92	42	10.27	73	52.32	10/22/1985	12:04	0.3	9	11.6	284
1985	8	109	6		93	42	9.91	73	52.81	10/22/1985	12:14	0.3	12.8	10	232
1985	8	112	4		88	42	12.69	73	51.26	10/22/1985	11:52	0.3	12.8	10	233
1985	8	116	6		77	42	15.02	73	48.31	10/22/1985	11:36	0.3	11.2	9.7	249
1985	8	118	6		75	42	16.12	73	47.49	10/22/1985	11:24	0.3	11.4	9.9	244
1985	8	119	6		69	42	17.29	73	46.78	10/22/1985	11:15	0.3	10.6	10	246
1985	8	121	6		66	42	19.33	73	46.85	10/22/1985	10:56	0.3	11.2	9.9	229
1985	8	121	6		67	42	18.82	73	46.89	10/22/1985	11:03	0.3	11.4	9.8	228
1985	8	123	4		60	42	20.64	73	47.39	10/22/1985	10:48	0.3	11.2	9.9	242

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1985	8	126	4		49	42	23.4	73	47.52	10/22/1985	10:33	0.3	11.2	9.9	231
1985	8	129	4		41	42	25.79	73	46.99	10/22/1985	10:02	0.3	11.1	9.7	232
1985	8	129	6		40	42	25.67	73	46.67	10/22/1985	9:52	0.3	11	10.2	219
1985	8	129	6		42	42	25.226	73	46.523	10/22/1985	10:19	0.3	11	9.8	232
1985	8	132	4		32	42	28.13	73	47.21	10/22/1985	9:37	0.3	10.8	9.9	217
1985	8	135	4		26	42	30.91	73	46.27	10/22/1985	9:15	0.3	10.8	10	206
1985	8	137	6		24	42	32.262	73	45.288	10/22/1985	9:03	0.3	10	9.7	173
1985	9	16	4		262	40	54.9	73	55.7	11/7/1985	12:21	0.3	14.5	9.8	13830
1985	9	18	6		261	40	56.27	73	54.17	11/7/1985	12:05	0.3	14	10.1	13861
1985	9	21	6		257	40	59.13	73	53.13	11/7/1985	11:46	0.3	15	9.9	13552
1985	9	22	6		256	40	59.97	73	53.05	11/7/1985	11:33	0.3	14	10.2	12601
1985	9	23	6		255	41	0.74	73	52.83	11/7/1985	12:54	0.3	14.8	10	12994
1985	9	24	6		252	41	2.057	73	52.505	11/7/1985	11:23	0.3	14	10.2	12349
1985	9	25	4		250	41	2.86	73	55.07	11/7/1985	13:21	0.3	14.8	10.2	11138
1985	9	25	4		270	41	2.783	73	55.05	11/7/1985	13:14	0.3	15	11	11704
1985	9	25	4		284	41	2.57	73	54.94	11/7/1985	13:01	0.3	15	10.6	11827
1985	9	25	6		251	41	2.46	73	52.42	11/7/1985	11:07	0.3	13.8	10.4	11646
1985	9	26	4		246	41	3.6	73	55.2	11/7/1985	13:42	0.3	14.3	10	10263
1985	9	26	4		271	41	3.77	73	55.22	11/7/1985	13:53	0.3	14.8	10.4	9900
1985	9	26	4		283	41	8.34	73	54.4	11/7/1985	13:31	0.3	14.2	10.2	10662
1985	9	26	6		247	41	3.891	73	52.077	11/7/1985	10:37	0.3	13	10.5	11603
1985	9	26	6		248	41	3.273	73	52.221	11/7/1985	10:46	0.3	13.2	9.8	11678
1985	9	26	6		249	41	2.67	73	52.3	11/7/1985	10:55	0.3	13.8	10.5	11519
1985	9	27	4		245	41	4.19	73	55.21	11/7/1985	14:07	0.3	14.7	10.6	10667
1985	9	27	4		272	41	4.49	73	55.14	11/7/1985	14:15	0.3	14	10.2	10081
1985	9	28	6		243	41	5.683	73	52.214	11/7/1985	10:11	0.3	13.8	10	11392
1985	9	28	6		244	41	5.33	73	52.33	11/7/1985	10:23	0.3	13.2	10.2	10908
1985	9	29	4		242	41	6.1	73	54.88	11/7/1985	14:28	0.3	14.8	9.9	11014
1985	9	30	4		241	41	7.14	73	54.77	11/7/1985	14:44	0.3	15	10.2	11088
1985	9	31	4		285	41	3.607	73	55.196	11/7/1985	14:57	0.3	14.3	9.9	11514
1985	9	32	4		239	41	8.81	73	54.6	11/7/1985	15:14	0.3	14.5	9.8	11213
1985	9	32	4		240	41	8.48	73	54.42	11/7/1985	15:05	0.3	14.3	9.9	11514
1985	9	32	6		269	41	9.445	73	52.243	11/6/1985	14:23	0.3	14.8	10	11138
1985	9	32	6		238	41	8.85	73	52.123	11/7/1985	9:53	0.3	13.5	9.6	10451
1985	9	33	6		236	41	9.79	73	52.202	11/6/1985	14:00	0.3	14.5	10.4	10590
1985	9	33	6		236	41	9.79	73	52.202	11/6/1985	14:14	0.3	14.8	9.2	10890
1985	9	34	6		234	41	10.19	73	53.93	11/6/1985	13:46	0.3	13.3	10.4	7938
1985	9	35	4		229	41	10.59	73	56.41	11/6/1985	15:06	0.3	14.2	10.2	8530
1985	9	35	4		230	41	10.59	73	56.39	11/6/1985	14:57	0.3	14.6	9.4	9323
1985	9	35	6		231	41	11.23	73	53.69	11/6/1985	13:13	0.3	13.3	10.2	7682
1985	9	35	6		274	41	11.17	73	53.71	11/6/1985	13:23	0.3	13.2	10.4	7700
1985	9	35	6		275	41	11.31	73	53.54	11/6/1985	13:02	0.3	13.5	10.2	7647
1985	9	36	4		227	41	11.02	73	57.41	11/6/1985	15:25	0.3	14.8	8.8	9653

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1985	9	36	4		281	41	11.13	73	57.16	11/6/1985	15:45	0.3	14	9.9	9829
1985	9	36	4		282	41	11.2	73	57.17	11/6/1985	15:51	0.3	14.1	10	9806
1985	9	36	6		276	41	12.17	73	53.51	11/6/1985	12:45	0.3	14.8	9.2	8663
1985	9	37	4		224					11/6/1985	16:09	0.3	14.5	9.2	9220
1985	9	38	4		221	41	13.43	73	57.79	11/6/1985	16:30	0.3	14.8	8.7	9777
1985	9	38	4		279	41	13.36	73	57.82	11/6/1985	16:18	0.3	14.8	8.4	9900
1985	9	38	4		280	41	13.4	73	57.81	11/6/1985	16:24	0.3	14.7	8.5	9799
1985	9	39	4		215	41	13.62	73	58.34	11/6/1985	12:23	0.3	14.5	8.2	9718
1985	9	40	4		209	41	14.97	73	58	11/6/1985	11:55	0.3	15.2	8.8	7359
1985	9	40	6		212					11/6/1985	12:08	0.3	15	8.2	10472
1985	9	46	4		198	41	19.7	73	59	11/6/1985	11:25	0.3	13.8	9.2	3354
1985	9	46	6		199	41	19.42	73	58.77	11/6/1985	11:15	0.3	13.9	8.8	4231
1985	9	49	4		196	41	21.16	73	57.74	11/6/1985	10:55	0.3	14	9.9	3087
1985	9	52	6		193	41	24.12	73	57.31	11/6/1985	10:30	0.3	14	9.9	3276
1985	9	52	6		194	41	24.12	73	56.81	11/6/1985	10:40	0.3	14	9.8	3150
1985	9	53	4		192	41	24.19	73	57.95	11/6/1985	10:16	0.3	13.8	9.8	2595
1985	9	55	6		189	41	25.66	73	58.14	11/6/1985	10:04	0.3	13.5	10.8	1122
1985	9	56	4		187	41	26.83	74	0.5	11/6/1985	9:44	0.3	13.5	9.8	561
1985	9	57	4		186	41	27.28	74	0.8	11/6/1985	9:33	0.3	13.5	9.6	605
1985	9	58	4		183	41	28.02	74	0.87	11/6/1985	9:16	0.3	13.6	9.6	572
1985	9	59	6		179	41	29.24	73	59.34	11/6/1985	8:52	0.3	12.2	9.8	775
1985	9	59	6		181	41	29.04	73	59.33	11/6/1985	9:00	0.3	12.5	9.9	665
1985	9	61	4		174	41	31.15	74	0.37	11/5/1985	17:07	0.3	12.2	9.8	
1985	9	62	4		171	41	32.19	73	59.91	11/5/1985	16:50	0.3	14.2	9	
1985	9	62	4		173	41	31.59	74	0.28	11/5/1985	17:01	0.3	14.2	9	
1985	9	64	4		164	41	33.37	73	59.18	11/5/1985	16:39	0.3	14	9.2	
1985	9	68	4		159	41	36.49	73	57.64	11/5/1985	16:20	0.3	13.1	8.9	
1985	9	69	6		156	41	37.03	73	56.88	11/5/1985	16:11	0.3	13.2	9	
1985	9	77	6		141	41	44.46	73	56.21	11/5/1985	15:45	0.3	12.5	9.6	
1985	9	78	4		139	41	44.786	73	56.758	11/5/1985	15:33	0.3	12.6	9.9	
1985	9	81	4		135	41	47.474	73	57.457	11/5/1985	15:18	0.3	12	9.6	
1985	9	82	4		134	41	48.51	73	57.22	11/5/1985	15:07	0.3	11.5	9.8	
1985	9	84	4		129	41	50.61	73	57.28	11/5/1985	15:00	0.3	11.2	10	
1985	9	86	4		126	41	51.44	73	56.97	11/5/1985	14:50	0.3	11.2	10	
1985	9	87	4		123	41	52.616	73	57.292	11/5/1985	14:39	0.3	11.2	10	
1985	9	89	6		121	41	53.84	73	57.04	11/5/1985	14:30	0.3	10.8	10	
1985	9	90	6		120	41	54.02	73	57.2	11/5/1985	14:20	0.3	11.5	9.8	
1985	9	93	4		116	41	57.05	73	57.77	11/5/1985	14:03	0.3	11.2	10.2	
1985	9	94	4		113	41	58.38	73	57.25	11/5/1985	13:25	0.3	10.5	10.4	
1985	9	94	4		115	41	57.78	73	57.47	11/5/1985	13:33	0.3	11	10.2	
1985	9	94	6		114	41	58.085	73	56.467	11/5/1985	13:50	0.3	10.9	10.2	
1985	9	95	4		111	41	59.083	73	57.079	11/5/1985	13:16	0.3	10	10	
1985	9	95	6		112	41	58.238	73	56.123	11/5/1985	13:44	0.3	10.9	10.2	

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	9	96	4		110	41	59.4	73	56.94	11/5/1985	13:06	0.3	10	10	
1985	9	96	6		106	42	59.99	73	55.94	11/5/1985	12:54	0.3	10	10.2	
1985	9	98	4		101	42	1.426	73	56.456	11/5/1985	12:44	0.3	10	10	
1985	9	105	4		97	42	7.68	73	55.13	11/5/1985	12:20	0.3	10	10	
1985	9	108	6		94	42	9.56	73	53.18	11/5/1985	12:07	0.3	10	10	
1985	9	109	6		92	42	10.27	73	52.32	11/5/1985	11:56	0.3	10	10.2	
1985	9	111	6		89					11/5/1985	11:45	0.3	9.9	10	
1985	9	113	6		87	42	13.32	73	50.85	11/5/1985	11:29	0.3	9.9	9.9	
1985	9	114	4		81	42	14.39	73	50.549	11/5/1985	11:21	0.3	10	9.9	
1985	9	115	6		79	42	14.8	73	49	11/5/1985	11:10	0.3	10	10	
1985	9	119	4		72	42	16.82	73	47.28	11/5/1985	10:56	0.3	10	9.8	
1985	9	121	4		65	42	19.307	73	47.217	11/5/1985	10:38	0.3	10.2	9.8	
1985	9	121	6		67	42	18.82	73	46.89	11/5/1985	10:45	0.3	10	10.1	
1985	9	124	6		57	42	21.28	73	47.32	11/5/1985	10:26	0.3	9.9	10	
1985	9	125	4		51	42	22.87	73	47.8	11/5/1985	10:16	0.3	9.9	9.9	
1985	9	126	4		48	42	23.65	73	47.38	11/5/1985	10:05	0.3	9.9	10	
1985	9	128	6		45					11/5/1985	9:55	0.3	9.9	10	
1985	9	129	4		41	42	25.79	73	46.99	11/5/1985	9:47	0.3	10	10.2	
1985	9	129	6		39	42	25.879	73	46.76	11/5/1985	9:30	0.3	10	10.2	
1985	9	130	4		37	42	26.76	73	47.22	11/5/1985	9:05	0.3	10	10.2	
1985	9	131	4		33	42	28.06	73	47.13	11/5/1985	8:45	0.3	10	10.2	
1985	10	14	4		266	40	52.925	73	56.648	11/20/1985	15:32	0.3	12	9.9	13460
1985	10	14	4		266	40	52.925	73	56.648	11/20/1985	15:43	0.3	13.8	8	11266
1985	10	15	4		263	40	54.252	73	55.961	11/20/1985	15:52	0.3	12.1	7.9	11585
1985	10	16	4		262	40	54.9	73	55.7	11/20/1985	16:09	0.3	12.5	10.2	10173
1985	10	21	6		257	40	59.13	73	53.13	11/20/1985	16:29	0.3	12	10	9501
1985	10	24	6		252	41	2.057	73	52.505	11/18/1985	16:02	0.3	11	10.8	10405
1985	10	24	6		253	41	1.169	73	52.711	11/18/1985	16:16	0.3	11	11.2	10810
1985	10	25	4		250	41	2:86	73	55.07	11/21/1985	9:57	0.3	12.8	10.5	7383
1985	10	25	4		270	41	2.783	73	55.05	11/21/1985	9:48	0.3	12.9	10.2	7495
1985	10	25	4		284	41	2.57	73	54.94	11/21/1985	9:35	0.3	12.8	11.1	7642
1985	10	25	6		251	41	2.46	73	52.42	11/18/1985	15:50	0.3	11.2	11	9683
1985	10	26	4		271	41	3.77	73	55.22	11/21/1985	10:20	0.3	13.4	9.6	6643
1985	10	26	4		283	41	8.34	73	54.4	11/21/1985	10:09	0.3	12.5	11	6782
1985	10	26	6		247	41	3.891	73	52.077	11/18/1985	15:17	0.3	11.8	10.8	7955
1985	10	26	6		248	41	3.273	73	52.221	11/18/1985	15:30	0.3	11.2	10.2	9414
1985	10	26	6		249	41	2.67	73	52.3	11/18/1985	15:39	0.3	11	11.6	9594
1985	10	27	4		245	41	4.19	73	55.21	11/21/1985	10:29	0.3	13.3	10	6530
1985	10	27	4		272	41	4.49	73	55.14	11/21/1985	10:41	0.3	12.8	11.9	6606
1985	10	28	6		243	41	5.683	73	52.214	11/18/1985	14:52	0.3	11.5	11.4	7344
1985	10	28	6		244	41	5.33	73	52.33	11/18/1985	15:04	0.3	11.5	9.6	7344
1985	10	29	4		242	41	6.1	73	54.88	11/21/1985	11:04	0.3	12.4	10.6	4837
1985	10	30	4		241	41	7.14	73	54.77	11/21/1985	11:27	0.3	11.8	12	3739

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	10	31	4		285	41	3.607	73	55.196	11/21/1985	11:40	0.3	12	10.8	2771
1985	10	32	4		239	41	8.81	73	54.6	11/21/1985	12:10	0.3	13.3	7	2433
1985	10	32	4		240	41	8.48	73	54.42	11/21/1985	11:59	0.3	12	10.7	2771
1985	10	32	6		237	41	9.274	73	52.181	11/18/1985	14:23	0.3	12.2	10.2	5976
1985	10	32	6		238	41	8.85	73	52.123	11/18/1985	14:36	0.3	12.2	10.8	6304
1985	10	32	6		269	41	9.445	73	52.243	11/18/1985	14:15	0.3	12.8	10.2	6152
1985	10	33	6		236	41	9.79	73	52.202	11/18/1985	14:01	0.3	13.2	10.2	6288
1985	10	34	6		234	41	10.19	73	53.93	11/18/1985	13:47	0.3	12.5	11.2	6652
1985	10	35	4		229	41	10.59	73	56.41	11/20/1985	14:31	0.3	11.9	11.1	2149
1985	10	35	4		230	41	10.59	73	56.39	11/20/1985	14:20	0.3	12	11.2	2138
1985	10	35	4		277	41	10.95	73	57.06	11/21/1985	12:29	0.3	11.6	10.1	1852
1985	10	35	6		231	41	11.23	73	53.69	11/18/1985	13:15	0.3	13.5	10.2	5098
1985	10	35	6		232	41	11.172	73	53.996	11/18/1985	13:32	0.3	13.4	10	5237
1985	10	35	6		274	41	11.17	73	53.71	11/18/1985	13:24	0.3	13.5	10.1	5226
1985	10	36	4		226	41	11.8	73	57.5	11/20/1985	13:56	0.3	13	10	1934
1985	10	36	4		227	41	11.02	73	57.41	11/20/1985	14:10	0.3	12.6	10.3	2056
1985	10	36	4		281	41	11.13	73	57.16	11/21/1985	12:40	0.3	11.7	10.1	1887
1985	10	36	6		228	41	12.25	73	53.5	11/18/1985	13:03	0.3	13.8	10.6	5506
1985	10	37	4		225	41	12.096	73	57.458	11/20/1985	13:45	0.3	12.5	10.4	1930
1985	10	37	4		224					11/21/1985	13:00	0.3	12	11.9	1438
1985	10	38	4		278	41	12.96	73	57.828	11/20/1985	13:34	0.3	14	10	1865
1985	10	39	4		216	41	13.48	73	57.84	11/20/1985	13:17	0.3	12.5	10.2	1435
1985	10	39	6		217	41	14.098	73	56.682	11/18/1985	12:32	0.3	12.9	9.9	2907
1985	10	39	6		218	41	14.02	73	56.4	11/18/1985	12:43	0.3	13.2	10.2	3208
1985	10	40	6		213	41	14.64	73	57.15	11/18/1985	12:20	0.3	12.8	9.9	2590
1985	10	43	6		204	41	16.693	73	56.484	11/20/1985	12:37	0.3	13	9	596
1985	10	48	4		197	41	20.86	73	58.08	11/20/1985	12:07	0.3	9.6	11.8	238
1985	10	51	6		195	41	22.87	73	50.61	11/20/1985	11:48	0.3	10	9	360
1985	10	52	6		194	41	24.12	73	56.81	11/20/1985	11:31	0.3	10	10.2	253
1985	10	54	6		190	41	24.961	73	57.702	11/20/1985	11:20	0.3	10.6	10.8	276
1985	10	55	6		189	41	25.66	73	58.14	11/20/1985	10:59	0.3	9.2	9.9	226
1985	10	57	4		186	41	27.28	74	0.8	11/20/1985	10:19	0.3	9	10.2	216
1985	10	58	4		184	41	27.78	74	0.7	11/20/1985	10:08	0.3	8	11.2	218
1985	10	58	6		182	41	28.2	73	59.12	11/20/1985	10:41	0.3	10.2	10.2	263
1985	10	59	6		180	41	29.08	73	59.37	11/20/1985	9:30	0.3	8.6	10.8	232
1985	10	59	6		181	41	29.04	73	59.33	11/20/1985	9:40	0.3	8.8	10	228
1985	10	60	6		178	41	29.25	73	59.32	11/20/1985	9:23	0.3	9.1	10.2	229
1985	10	65	4		162	41	33.99	73	58.39	11/20/1985	9:02	0.3	8.8	10.8	217
1985	10	69	6		158	41	36.94	73	56.81	11/20/1985	8:44	0.3	8	10	227
1985	10	71	4		153	41	39.06	73	57.257	11/20/1985	8:11	0.3	7.5	10.2	214
1985	10	71	4		154	41	38.88	73	57.23	11/20/1985	8:28	0.3	7.2	10.2	220
1985	10	74	6		148	41	41.15	73	56.31	11/20/1985	7:55	0.3	7.8	10.2	208
1985	10	77	6		141	41	44.46	73	56.21	11/19/1985	16:40	0.3	7	9.9	209

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1985	10	78	4		139	41	44.786	73	56.758	11/19/1985	16:30	0.3	7.2	10.2	208
1985	10	80	6		137	41	46.14	73	56.82	11/19/1985	16:16	0.3	6.5	10.4	200
1985	10	83	4		131	41	49.33	73	57.31	11/19/1985	15:45	0.3	6.8	10.4	188
1985	10	83	4		133	41	48.74	73	57.19	11/19/1985	15:54	0.3	7	10.1	191
1985	10	86	4		126	41	51.44	73	56.97	11/19/1985	15:33	0.3	8.5	10.2	194
1985	10	88	6		122	41	53.023	73	56.214	11/19/1985	15:14	0.3	6.2	10.8	191
1985	10	90	6		120	41	54.02	73	57.2	11/19/1985	15:04	0.3	6.9	10	180
1985	10	92	4		118	41	56.32	73	58.1	11/19/1985	14:52	0.3	7.8	11	202
1985	10	93	4		116	41	57.05	73	57.77	11/19/1985	14:44	0.3	6.8	10.8	188
1985	10	95	4		111	41	59.083	73	57.079	11/19/1985	14:18	0.3	8.2	10.8	185
1985	10	95	6		112	41	58.238	73	56.123	11/19/1985	14:31	0.3	6.5	11	185
1985	10	96	4		108	41	59.76	73	56.81	11/19/1985	14:00	0.3	8	10.4	182
1985	10	96	4		110	41	59.4	73	56.94	11/19/1985	14:11	0.3	7.8	11	183
1985	10	96	6		106	42	59.99	73	55.94	11/19/1985	13:42	0.3	9.2	11.8	198
1985	10	96	6		109	41	59.43	73	56.012	11/19/1985	13:53	0.3	8	10.2	182
1985	10	97	6		104	42	0.26	73	55.792	11/19/1985	13:24	0.3	7.5	10.8	209
1985	10	99	6		99	42	2.02	73	55.73	11/19/1985	13:04	0.3	7	11.4	191
1985	10	106	4		96	42	8.147	73	54.796	11/19/1985	12:38	0.3	7.2	11	215
1985	10	109	6		93	42	9.91	73	52.81	11/19/1985	12:21	0.3	7.8	11.8	198
1985	10	111	6		89					11/19/1985	12:03	0.3	7.5	11.8	206
1985	10	113	4		86	42	13.12	73	51.33	11/19/1985	11:48	0.3	5.7	12.2	193
1985	10	116	4		78					11/19/1985	11:30	0.3	6.8	11.8	195
1985	10	119	4		72	42	16.82	73	47.28	11/19/1985	11:13	0.3	6.8	11	183
1985	10	119	6		69	42	17.29	73	46.78	11/19/1985	11:06	0.3	5.7	11.6	178
1985	10	121	4		68	42	18.53	73	47.1	11/19/1985	10:53	0.3	5.2	11.8	190
1985	10	121	6		66	42	19.33	73	46.85	11/19/1985	10:39	0.3	5.9	11.9	182
1985	10	122	4		63	42	19.84	73	47.18	11/19/1985	10:31	0.3	5.1	12	189
1985	10	122	6		62	42	20.105	73	46.848	11/19/1985	10:25	0.3	5	12.6	181
1985	10	126	4		50	42	23.21	73	47.62	11/19/1985	10:08	0.3	5.7	12.5	189
1985	10	128	4		44	42	25	73	46.99	11/19/1985	9:59	0.3	5.4	11.8	189
1985	10	130	4		37	42	26.76	73	47.22	11/19/1985	9:49	0.3	5	12.4	216
1985	10	131	6		34					11/19/1985	9:39	0.3	5.4	13	195
1985	10	132	4		30					11/19/1985	9:10	0.3	5.5	11.9	194
1985	10	133	4		29	42	29.09	73	47.273	11/19/1985	8:50	0.3	5.6	12	174
1985	10	137	6		24	42	32.262	73	45.288	11/19/1985	8:21	0.3	5.5	12.4	188
1986	1	12	4		268					7/15/1986	12:24	0.3	23.1	7	21650
1986	1	14	4		266	40	52.925	73	56.648	7/15/1986	12:43	0.3	24.1	7.6	20091
1986	1	15	4		263	40	54.252	73	55.961	7/15/1986	12:56	0.3	23.3	8.6	13926
1986	1	16	4		262	40	54.9	73	55.7	7/15/1986	13:09	0.3	23.5	8.5	13355
1986	1	18	6		261	40	56.27	73	54.17	7/15/1986	11:59	0.3	23	7.5	20657
1986	1	24	6		252	41	2.057	73	52.505	7/18/1986	9:45	0.3	23.9	6.9	14264
1986	1	24	6		253	41	1.169	73	52.711	7/18/1986	9:57	0.3	24	8.2	14133
1986	1	25	4		250	41	2.86	73	55.07	7/15/1986	14:15	0.3	25.5	10	11832

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1986	1	25	4		270	41	2.783	73	55.05	7/15/1986	14:00	0.3	26	11.4	11906
1986	1	25	4		284	41	2.57	73	54.94	7/15/1986	13:42	0.3	26.1	13	11980
1986	1	25	4		283	41	8.34	73	54.4	7/18/1986	10:15	0.3	24.7	7.5	11426
1986	1	25	6		251	41	2.46	73	52.42	7/18/1986	9:34	0.3	24.1	6.9	13191
1986	1	26	4		271	41	3.77	73	55.22	7/15/1986	14:29	0.3	25.7	9.5	11587
1986	1	26	6		249	41	2.67	73	52.3	7/15/1986	11:28	0.3	23.4	10.1	10192
1986	1	26	6		247	41	3.891	73	52.077	7/18/1986	9:09	0.3	23.6	6.5	13328
1986	1	26	6		248	41	3.273	73	52.221	7/18/1986	9:19	0.3	24	7	13320
1986	1	27	4		272	41	4.49	73	55.14	7/15/1986	14:42	0.3	24.7	8.9	11225
1986	1	27	4		245	41	4.19	73	55.21	7/18/1986	10:30	0.3	25.2	8.3	11012
1986	1	28	6		243	41	5.683	73	52.214	7/15/1986	10:57	0.3	23.3	9.2	9491
1986	1	28	6		244	41	5.33	73	52.33	7/18/1986	8:54	0.3	24	7.1	11185
1986	1	29	4		242	41	6.1	73	54.88	7/18/1986	10:50	0.3	25.7	9	10703
1986	1	30	4		241	41	7.14	73	54.77	7/15/1986	15:05	0.3	26.9	12.8	9582
1986	1	31	4		285	41	3.607	73	55.196	7/15/1986	15:23	0.3	24.5	8.1	8353
1986	1	32	4		239	41	8.81	73	54.6	7/15/1986	15:41	0.3	25	7.6	7670
1986	1	32	4		240	41	8.48	73	54.42	7/15/1986	15:31	0.3	24.7	7.6	8619
1986	1	32	4		239	41	8.81	73	54.6	7/18/1986	11:21	0.3	25.7	8.7	7856
1986	1	32	6		238	41	8.85	73	52.123	7/15/1986	10:34	0.3	23.4	9.1	8442
1986	1	32	6		237	41	9.274	73	52.181	7/18/1986	8:32	0.3	24.9	7.6	8484
1986	1	33	6		236	41	9.79	73	52.202	7/18/1986	8:17	0.3	24.9	8.3	8085
1986	1	34	6		233	41	10.662	73	53.922	7/18/1986	7:43	0.3	24.1	8	7306
1986	1	34	6		234	41	10.19	73	53.93	7/18/1986	8:00	0.3	24.1	8.1	8219
1986	1	35	4		229	41	10.59	73	56.41	7/15/1986	16:14	0.3	25.8	7.8	5488
1986	1	35	4		230	41	10.59	73	56.39	7/15/1986	15:58	0.3	25.1	6.9	5865
1986	1	35	4		277	41	10.95	73	57.06	7/15/1986	16:24	0.3	26.1	9.2	6331
1986	1	35	6		232	41	11.172	73	53.996	7/15/1986	10:02	0.3	23.4	11.1	7412
1986	1	35	6		274	41	11.17	73	53.71	7/18/1986	7:25	0.3	24.1	7.8	7103
1986	1	36	4		226	41	11.8	73	57.5	7/15/1986	16:47	0.3	27	9.1	6789
1986	1	36	4		282	41	11.2	73	57.17	7/15/1986	16:33	0.3	25.7	8.6	6383
1986	1	37	4		225	41	12.096	73	57.458	7/15/1986	17:00	0.3	25	7.8	5230
1986	1	38	4		221	41	13.43	73	57.79	7/15/1986	17:39	0.3	25.6	7.8	5313
1986	1	38	4		223	41	12.89	73	57.806	7/15/1986	17:21	0.3	25.3	8.7	5148
1986	1	38	4		278	41	12.96	73	57.828	7/15/1986	17:12	0.3	26	9.1	5660
1986	1	38	4		279	41	13.36	73	57.82	7/15/1986	17:31	0.3	26	7.9	5758
1986	1	39	4		215	41	13.62	73	58.34	7/15/1986	17:49	0.3	25.1	7.1	4672
1986	1	39	6		219					7/15/1986	9:30	0.3	23.2	8.3	6823
1986	1	40	4		214	41	14.31	73	58.5	7/15/1986	18:01	0.3	26.7	11.9	5388
1986	1	40	6		211	41	14.88	73	57.6	7/15/1986	8:42	0.3	23.5	7.1	5650
1986	1	40	6		213	41	14.64	73	57.15	7/15/1986	9:05	0.3	23.4	8.4	5662
1986	1	49	4		196	41	21.16	73	57.74	7/17/1986	17:44	0.3	24	6.9	834
1986	1	52	6		193	41	24.12	73	57.31	7/17/1986	17:10	0.3	25.2	8	645
1986	1	52	6		194	41	24.12	73	56.81	7/17/1986	17:22	0.3	25.8	8	490

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1986	1	53	6		192	41	24.19	73	57.95	7/17/1986	16:57	0.3	23.8	7.9	480
1986	1	55	6		189	41	25.66	73	58.14	7/17/1986	16:43	0.3	25	8.6	339
1986	1	56	4		187	41	26.83	74	0.5	7/17/1986	15:30	0.3	26.8	13.4	374
1986	1	56	4		188	41	26.47	73	59.66	7/17/1986	16:15	0.3	25.5	9	325
1986	1	57	4		185	41	27.68	74	0.73	7/17/1986	15:00	0.3	27	15.6	377
1986	1	58	4		184	41	27.78	74	0.7	7/17/1986	14:40	0.3	27	12.4	371
1986	1	60	6		177	41	29.52	73	59.24	7/17/1986	13:56	0.3	25.9	6.7	342
1986	1	61	4		174	41	31.15	74	0.37	7/17/1986	13:28	0.3	25.9	9.1	387
1986	1	63	6		168	41	32.3	73	58.633	7/17/1986	12:48	0.3	25.3	9.2	396
1986	1	63	6		169	41	32.07	73	58.83	7/17/1986	13:05	0.3	25	5.7	351
1986	1	66	4		160	41	34.777	73	57.753	7/17/1986	12:00	0.3	25.1	8.6	347
1986	1	69	6		158	41	36.94	73	56.81	7/17/1986	11:38	0.3	24.3	8	333
1986	1	74	6		149	41	41.064	73	56.289	7/17/1986	10:51	0.3	24.2	8.1	359
1986	1	77	6		142	41	43.92	73	56.14	7/17/1986	10:30	0.3	24.1	7.6	386
1986	1	80	6		137	41	46.14	73	56.82	7/17/1986	9:57	0.3	23.5	7.6	333
1986	1	83	4		131	41	49.33	73	57.31	7/17/1986	9:15	0.3	23.9	8	296
1986	1	83	4		133	41	48.74	73	57.19	7/17/1986	9:35	0.3	24	8.3	355
1986	1	85	4		128					7/17/1986	8:54	0.3	23.5	8.4	300
1986	1	86	4		126	41	51.44	73	56.97	7/17/1986	8:36	0.3	23.1	7.8	
1986	1	88	6		122	41	53.023	73	56.214	7/17/1986	8:18	0.3	23.1	6.9	
1986	1	89	6		121	41	53.84	73	57.04	7/17/1986	8:02	0.3	23.4	7.5	
1986	1	93	4		116	41	57.05	73	57.77	7/16/1986	19:05	0.3	23.9	8.8	336
1986	1	93	6		117	41	57.036	73	56.721	7/17/1986	7:33	0.3	23.1	7.7	
1986	1	94	4		113	41	58.38	73	57.25	7/16/1986	18:42	0.3	23.9	9.1	335
1986	1	96	4		105	42	0.22	73	56.65	7/16/1986	17:33	0.3	26.8	8.9	278
1986	1	96	4		108	41	59.76	73	56.81	7/16/1986	17:41	0.3	25	7.2	288
1986	1	96	4		108	41	59.76	73	56.81	7/16/1986	17:53	0.3	24.2	9.7	304
1986	1	96	6		106	42	59.99	73	55.94	7/16/1986	18:07	0.3	24.2	9.2	321
1986	1	96	6		109	41	59.43	73	56.012	7/16/1986	18:20	0.3	27	10	296
1986	1	97	4		102	42	0.83	73	56.38	7/16/1986	17:13	0.3	25.3	9.5	277
1986	1	98	4		100	42	1.67	73	56.54	7/16/1986	16:52	0.3	24.1	9.3	273
1986	1	105	4		98	42	7.33	73	55.3	7/16/1986	15:50	0.3	26.2	10.3	214
1986	1	111	6		89					7/16/1986	15:21	0.3	28.9	9.4	285
1986	1	113	6		87	42	13.32	73	50.85	7/16/1986	15:00	0.3	27.9	10.8	284
1986	1	114	4		81	42	14.39	73	50.549	7/16/1986	14:26	0.3	25.8	9.8	269
1986	1	114	4		82	42	14.31	73	50.58	7/16/1986	14:42	0.3	26.8	10.4	321
1986	1	115	6		79	42	14.8	73	49	7/16/1986	14:05	0.3	25.8	9.9	230
1986	1	116	4		78					7/16/1986	13:44	0.3	25	10.8	259
1986	1	119	6		69	42	17.29	73	46.78	7/16/1986	13:22	0.3	26.2	9.8	248
1986	1	121	6		67	42	18.82	73	46.89	7/16/1986	13:05	0.3	25	8	269
1986	1	124	6		57	42	21.28	73	47.32	7/16/1986	12:34	0.3	24	7.8	234
1986	1	126	4		48	42	23.65	73	47.38	7/16/1986	12:12	0.3	24.1	7.9	206
1986	1	127	4		46	42	24.35	73	47.08	7/16/1986	12:00	0.3	24	8	224

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1986	1	128	6		44	42	25	73	46.99	7/16/1986	11:49	0.3	23.5	7.3	224
1986	1	129	4		42	42	25.226	73	46.523	7/16/1986	11:35	0.3	23	7.5	223
1986	1	129	6		38	42	26.05	73	46.82	7/16/1986	11:07	0.3	23	7.5	213
1986	1	129	6		39	42	25.879	73	46.76	7/16/1986	11:22	0.3	23.2	7.5	228
1986	1	138	4		23	42	33.14	73	45.46	7/16/1986	10:27	0.3	22.6	7.9	234
1986	1	139	6		14	42	34.34	73	45.02	7/16/1986	10:10	0.3	23	8	218
1986	2	15	4		263	40	54.252	73	55.961	7/31/1986	12:49	0.3	24.4	6.4	11900
1986	2	15	4		264	40	53.57	73	56.32	7/31/1986	12:30	0.3	24.5	6.6	12077
1986	2	16	4		262	40	54.9	73	55.7	7/31/1986	13:01	0.3	24.9	6.3	11479
1986	2	18	4		260	40	56.889	73	55.1	7/31/1986	13:26	0.3	24.8	6.5	9902
1986	2	23	6		254	41	1.086	73	52.681	7/31/1986	11:58	0.3	25	6.2	11057
1986	2	24	6		252	41	2.057	73	52.505	7/28/1986	12:15	0.3	26.5	8.3	10143
1986	2	24	6		253	41	1.169	73	52.711	7/28/1986	12:31	0.3	27	8.1	10519
1986	2	25	4		250	41	2.86	73	55.07	7/28/1986	13:07	0.3	29	10.4	10284
1986	2	25	4		284	41	2.57	73	54.94	7/28/1986	12:53	0.3	28.5	11.1	10667
1986	2	25	4		270	41	2.783	73	55.05	7/31/1986	14:15	0.3	24.3	7.8	7983
1986	2	25	6		251	41	2.46	73	52.42	7/28/1986	11:53	0.3	26.5	7.8	10626
1986	2	26	4		271	41	3.77	73	55.22	7/28/1986	13:23	0.3	29	9.6	10284
1986	2	26	4		283	41	8.34	73	54.4	7/31/1986	14:38	0.3	25	7.8	6973
1986	2	26	6		249	41	2.67	73	52.3	7/28/1986	11:33	0.3	26.5	8.6	8211
1986	2	26	6		247	41	3.891	73	52.077	7/31/1986	11:02	0.3	25.2	6.5	8432
1986	2	26	6		248	41	3.273	73	52.221	7/31/1986	11:14	0.3	25	6.8	8069
1986	2	26	6		249	41	2.67	73	52.3	7/31/1986	11:26	0.3	25	6.9	8567
1986	2	27	4		245	41	4.19	73	55.21	7/28/1986	13:39	0.3	29	9.8	10284
1986	2	27	4		272	41	4.49	73	55.14	7/31/1986	15:03	0.3	24.8	8.4	7001
1986	2	28	6		243	41	5.683	73	52.214	7/28/1986	11:10	0.3	26.5	7.5	7728
1986	2	29	4		242	41	6.1	73	54.88	7/28/1986	13:59	0.3	28	10.5	7684
1986	2	30	4		241	41	7.14	73	54.77	7/31/1986	15:29	0.3	25.1	8.7	5070
1986	2	31	4		285	41	3.607	73	55.196	7/28/1986	14:19	0.3	27.1	7.7	6489
1986	2	32	4		239	41	8.81	73	54.6	7/31/1986	16:01	0.3	25.7	7.2	4291
1986	2	32	4		240	41	8.48	73	54.42	7/31/1986	15:51	0.3	25.9	6.7	4880
1986	2	32	6		238	41	8.85	73	52.123	7/28/1986	10:41	0.3	26.5	7.8	6955
1986	2	32	6		237	41	9.274	73	52.181	7/31/1986	10:19	0.3	25.2	7	4960
1986	2	32	6		269	41	9.445	73	52.243	7/31/1986	10:32	0.3	25.2	6.7	5059
1986	2	33	6		236	41	9.79	73	52.202	7/31/1986	10:06	0.3	25.1	7.3	5766
1986	2	34	6		233	41	10.662	73	53.922	7/31/1986	9:33	0.3	25.2	7.1	5010
1986	2	34	6		234	41	10.19	73	53.93	7/31/1986	9:41	0.3	25.5	7	4821
1986	2	35	4		229	41	10.59	73	56.41	7/31/1986	16:39	0.3	25.5	6.2	3471
1986	2	35	4		230	41	10.59	73	56.39	7/31/1986	16:21	0.3	25.5	6.5	3835
1986	2	36	4		281	41	11.13	73	57.16	7/31/1986	16:52	0.3	25.2	7.2	4067
1986	2	36	4		282	41	11.2	73	57.17	7/31/1986	17:04	0.3	25.1	7.6	4076
1986	2	36	6		228	41	12.25	73	53.5	7/31/1986	9:10	0.3	24.9	7.8	4691
1986	2	37	4		224					7/31/1986	17:44	0.3	26.1	6.4	3448

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1986	2	38	4		221	41	13.43	73	57.79	7/31/1986	18:27	0.3	25.3	6.3	3594
1986	2	38	4		222	41	12.979	73	57.867	7/31/1986	18:11	0.3	25.4	7	3646
1986	2	38	4		223	41	12.89	73	57.806	7/31/1986	17:56	0.3	26	6.3	3474
1986	2	38	4		278	41	12.96	73	57.828	7/31/1986	18:38	0.3	25.5	6.4	3589
1986	2	38	4		279	41	13.36	73	57.82	7/31/1986	18:49	0.3	25.2	6.5	3581
1986	2	40	4		214	41	14.31	73	58.5	7/31/1986	19:03	0.3	22.4	7.1	2575
1986	2	42	6		207	41	15.3	73	57.8	7/31/1986	19:18	0.3	25.8	5.8	2048
1986	2	43	6		202	41	17.12	73	55.98	7/31/1986	19:30	0.3	24.8	6.3	1700
1986	2	46	4		198	41	19.7	73	59	7/31/1986	19:48	0.3	25.3	5.2	1584
1986	2	46	6		199	41	19.42	73	58.77	7/31/1986	19:41	0.3	25.1	5.9	994
1986	2	49	4		196	41	21.16	73	57.74	7/30/1986	18:53	0.3	25.2	5.9	407
1986	2	51	6		195	41	22.87	73	50.61	7/30/1986	19:18	0.3	25	6.6	423
1986	2	53	4		192	41	24.19	73	57.95	7/30/1986	18:32	0.3	25.1	6.2	378
1986	2	54	6		190	41	24.961	73	57.702	7/30/1986	18:19	0.3	25.3	6	277
1986	2	55	6		189	41	25.66	73	58.14	7/30/1986	18:06	0.3	25.5	6.2	239
1986	2	56	4		187	41	26.83	74	0.5	7/30/1986	17:39	0.3	25.8	7	225
1986	2	58	4		183	41	28.02	74	0.87	7/30/1986	17:01	0.3	26		224
1986	2	58	6		182	41	28.2	73	59.12	7/30/1986	16:46	0.3	25.1	6	310
1986	2	59	6		178	41	29.25	73	59.32	7/30/1986	16:16	0.3	25.5	5.7	255
1986	2	59	6		181	41	29.04	73	59.33	7/30/1986	16:28	0.3	25.8	6.6	217
1986	2	60	6		177	41	29.52	73	59.24	7/30/1986	15:54	0.3	25.5	5.2	246
1986	2	62	4		173	41	31.59	74	0.28	7/30/1986	15:28	0.3	26	6.6	209
1986	2	63	4		166					7/30/1986	15:06	0.3	25.7	7.2	212
1986	2	64	4		163	41	33.48	73	59.05	7/30/1986	14:42	0.3	25.8	7.1	210
1986	2	69	4		155	41	37.44	73	57.43	7/30/1986	14:11	0.3	24.9	5.9	220
1986	2	74	4		147	41	41.29	73	56.8	7/30/1986	13:38	0.3	25.1	6.2	220
1986	2	77	6		141	41	44.46	73	56.21	7/30/1986	12:39	0.3	25.2	6.1	209
1986	2	77	6		142	41	43.92	73	56.14	7/30/1986	12:56	0.3	25.2	6.4	209
1986	2	80	4		135	41	47.474	73	57.457	7/30/1986	11:45	0.3	25.2	7.3	227
1986	2	80	6		137	41	46.14	73	56.82	7/30/1986	12:08	0.3	25.3	6.3	210
1986	2	84	4		129	41	50.61	73	57.28	7/30/1986	11:16	0.3	25.2	7.2	229
1986	2	86	4		124	41	51.95	73	56.84	7/30/1986	10:54	0.3	25	6.9	227
1986	2	89	6		121	41	53.84	73	57.04	7/30/1986	10:34	0.3	25.6	7.2	231
1986	2	90	6		120	41	54.02	73	57.2	7/30/1986	10:24	0.3	25.3	7.2	223
1986	2	91	6		119	41	55.847	73	56.774	7/30/1986	10:07	0.3	25.4	6.8	237
1986	2	93	4		116	41	57.05	73	57.77	7/30/1986	9:32	0.3	25.3	6.8	238
1986	2	94	4		113	41	58.38	73	57.25	7/30/1986	9:05	0.3	25.9	6.9	245
1986	2	94	6		114	41	58.085	73	56.467	7/30/1986	7:00	0.3	25	7.4	271
1986	2	95	4		111	41	59.083	73	57.079	7/30/1986	8:43	0.3	25.7	6.9	245
1986	2	95	6		112	41	58.238	73	56.123	7/30/1986	7:15	0.3	25.2	6.6	250
1986	2	96	4		110	41	59.4	73	56.94	7/30/1986	8:28	0.3	25.6	6.9	244
1986	2	96	6		109	41	59.43	73	56.012	7/30/1986	7:28	0.3	25	6.2	257
1986	2	97	4		102	42	0.83	73	56.38	7/30/1986	7:49	0.3	25.3	6.9	252

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1986	2	97	4		103	42	0.5	73	56.51	7/30/1986	8:11	0.3	24.8	7.1	249
1986	2	98	4		101	42	1.426	73	56.456	7/29/1986	16:59	0.3	26.2	7.8	224
1986	2	108	6		94	42	9.56	73	53.18	7/29/1986	15:12	0.3	27.2	9.3	224
1986	2	109	6		92	42	10.27	73	52.32	7/29/1986	14:38	0.3	27.9	10	224
1986	2	109	6		93	42	9.91	73	52.81	7/29/1986	14:54	0.3	27.1	9.2	227
1986	2	112	4		88	42	12.69	73	51.26	7/29/1986	14:06	0.3	28.2	9.4	254
1986	2	113	4		86	42	13.12	73	51.33	7/29/1986	13:30	0.3	26.5	9.5	261
1986	2	114	4		82	42	14.31	73	50.58	7/29/1986	13:07	0.3	27.5	10.9	246
1986	2	115	6		79	42	14.8	73	49	7/29/1986	12:47	0.3	27.1	9.2	229
1986	2	121	6		67	42	18.82	73	46.89	7/29/1986	12:17	0.3	27.3	11.9	227
1986	2	122	6		62	42	20.105	73	46.848	7/29/1986	11:58	0.3	27.2	10.8	248
1986	2	123	4		60	42	20.64	73	47.39	7/29/1986	11:44	0.3	26.8	9.9	226
1986	2	126	4		48	42	23.65	73	47.38	7/29/1986	11:19	0.3	26.2	7.4	208
1986	2	129	6		40	42	25.67	73	46.67	7/29/1986	10:58	0.3	26.6	7.2	192
1986	2	130	4		37	42	26.76	73	47.22	7/29/1986	10:38	0.3	26.2	6.5	196
1986	2	135	4		25	42	31.16	73	46.06	7/29/1986	10:09	0.3	26.1	6.2	195
1986	2	137	6		24	42	32.262	73	45.288	7/29/1986	9:54	0.3	26.1	7.1	194
1986	2	139	6		14	42	34.34	73	45.02	7/29/1986	9:17	0.3	25.9	6.5	189
1986	2	139	6		17	42	34.22	73	45.02	7/29/1986	9:30	0.3	26	7	193
1986	3	14	4		266	40	52.925	73	56.648	8/11/1986	12:44	0.3	27	7.4	11953
1986	3	16	4		262	40	54.9	73	55.7	8/11/1986	12:22	0.3	26.5	8.4	9709
1986	3	18	6		261	40	56.27	73	54.17	8/11/1986	12:06	0.3	26	8.4	8783
1986	3	20	6		258	40	57.73	73	53.661	8/11/1986	11:48	0.3	26.5	9	8694
1986	3	23	6		255	41	0.74	73	52.83	8/11/1986	11:24	0.3	26	6.4	7710
1986	3	24	6		253	41	1.169	73	52.711	8/11/1986	11:09	0.3	26	9.3	7710
1986	3	24	6		252	41	2.057	73	52.505	8/14/1986	16:23	0.3	26.1	7.1	7889
1986	3	25	4		270	41	2.783	73	55.05	8/11/1986	13:22	0.3	27	10.8	8128
1986	3	25	4		250	41	2.86	73	55.07	8/14/1986	15:46	0.3	27.3	11	6463
1986	3	25	4		284	41	2.57	73	54.94	8/14/1986	16:01	0.3	27.7	11.9	6505
1986	3	25	6		251	41	2.46	73	52.42	8/14/1986	16:39	0.3	26.1	7.3	7207
1986	3	26	4		283	41	8.34	73	54.4	8/11/1986	13:38	0.3	26	9.4	8783
1986	3	26	4		271	41	3.77	73	55.22	8/14/1986	15:31	0.3	27.3	11.9	6368
1986	3	26	6		248	41	3.273	73	52.221	8/11/1986	10:43	0.3	25.5	8	7592
1986	3	26	6		249	41	2.67	73	52.3	8/11/1986	10:50	0.3	25.5	9.2	7691
1986	3	26	6		247	41	3.891	73	52.077	8/14/1986	16:53	0.3	26.9	8.4	6707
1986	3	27	4		272	41	4.49	73	55.14	8/11/1986	13:57	0.3	27	9.8	8319
1986	3	27	4		245	41	4.19	73	55.21	8/14/1986	15:19	0.3	27.3	13.2	6273
1986	3	29	4		242	41	6.1	73	54.88	8/11/1986	14:13	0.3	27	10.4	7268
1986	3	30	4		241	41	7.14	73	54.77	8/11/1986	14:27	0.3	27	10.8	6694
1986	3	31	4		285	41	3.607	73	55.196	8/11/1986	14:45	0.3	27	8.4	5929
1986	3	31	4		285	41	3.607	73	55.196	8/14/1986	14:48	0.3	27.8	8.4	3208
1986	3	32	4		240	41	8.48	73	54.42	8/11/1986	14:55	0.3	26.5	8.6	5989
1986	3	32	4		239	41	8.81	73	54.6	8/14/1986	14:31	0.3	27.9	11.2	3080

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1986	3	32	6		237	41	9.274	73	52.181	8/11/1986	10:17	0.3	25.5	9.2	5423
1986	3	32	6		269	41	9.445	73	52.243	8/11/1986	10:01	0.3	26	9.2	5758
1986	3	32	6		237	41	9.274	73	52.181	8/14/1986	17:40	0.3	26.6	8.7	3827
1986	3	32	6		238	41	8.85	73	52.123	8/14/1986	17:26	0.3	26.4	8.9	3969
1986	3	33	6		236	41	9.79	73	52.202	8/14/1986	17:52	0.3	26.9	9.7	3641
1986	3	35	4		229	41	10.59	73	56.41	8/12/1986	8:39	0.3	25.3	6.5	3663
1986	3	35	6		231	41	11.23	73	53.69	8/12/1986	7:52	0.3	24.2	8.8	4658
1986	3	35	6		274	41	11.17	73	53.71	8/12/1986	8:06	0.3	24	8.6	4576
1986	3	35	6		275	41	11.31	73	53.54	8/12/1986	8:21	0.3	23.8	8.7	4084
1986	3	36	4		281	41	11.13	73	57.16	8/12/1986	8:52	0.3	25	8.9	3437
1986	3	36	6		276	41	12.17	73	53.51	8/12/1986	7:38	0.3	24.9	7.6	
1986	3	37	4		224					8/12/1986	9:36	0.3	25.2	7.9	2490
1986	3	37	4		225	41	12.096	73	57.458	8/12/1986	9:14	0.3	25.9	7.6	2728
1986	3	38	4		221	41	13.43	73	57.79	8/12/1986	10:57	0.3	25.8	7.2	1803
1986	3	38	4		222	41	12.979	73	57.867	8/12/1986	10:33	0.3	25.9	7.2	1858
1986	3	38	4		223	41	12.89	73	57.806	8/12/1986	10:05	0.3	25	9.4	2191
1986	3	38	4		278	41	12.96	73	57.828	8/12/1986	9:52	0.3	25.2	8.2	2163
1986	3	38	4		279	41	13.36	73	57.82	8/12/1986	10:20	0.3	25.3	9.5	1881
1986	3	38	4		280	41	13.4	73	57.81	8/12/1986	10:45	0.3	26	6.7	1659
1986	3	40	6		210	41	14.87	73	57.74	8/12/1986	11:35	0.3	26	6.5	1757
1986	3	40	6		212					8/12/1986	11:24	0.3	25.8	7.5	2303
1986	3	40	6		213	41	14.64	73	57.15	8/12/1986	11:48	0.3	25.2	11.4	2887
1986	3	43	6		204	41	16.693	73	56.484	8/12/1986	12:16	0.3	25.2	10.5	992
1986	3	46	4		198	41	19.7	73	59	8/12/1986	12:54	0.3	25.5	7.7	278
1986	3	51	6		195	41	22.87	73	50.61	8/12/1986	13:21	0.3	26	10.6	390
1986	3	52	6		193	41	24.12	73	57.31	8/12/1986	13:45	0.3	26	9.2	317
1986	3	53	4		191	41	24.882	73	57.554	8/12/1986	14:13	0.3	26	7.6	331
1986	3	53	4		192	41	24.19	73	57.95	8/12/1986	14:00	0.3	25.5	6.7	276
1986	3	55	4		189	41	25.66	73	58.14	8/12/1986	14:25	0.3	26.1	7.4	273
1986	3	56	4		187	41	26.83	74	0.5	8/12/1986	14:41	0.3	26.4	12.1	333
1986	3	57	4		183	41	28.02	74	0.87	8/12/1986	15:01	0.3	27.1	19.5	353
1986	3	58	6		182	41	28.2	73	59.12	8/12/1986	15:34	0.3	25.2	11.2	353
1986	3	59	6		178	41	29.25	73	59.32	8/12/1986	16:14	0.3	26	8.4	264
1986	3	59	6		179	41	29.24	73	59.34	8/12/1986	16:02	0.3	26.2	8.9	292
1986	3	59	6		180	41	29.08	73	59.37	8/12/1986	15:49	0.3	26.2	8.7	326
1986	3	62	4		171	41	32.19	73	59.91	8/14/1986	12:54	0.3	26.2	7.3	238
1986	3	64	4		164	41	33.37	73	59.18	8/14/1986	12:39	0.3	27	10.4	230
1986	3	69	6		156	41	37.03	73	56.88	8/14/1986	11:39	0.3	25.4	6.1	236
1986	3	69	6		158	41	36.94	73	56.81	8/14/1986	11:50	0.3	26.9	7.9	240
1986	3	74	6		149	41	41.064	73	56.289	8/14/1986	11:07	0.3	25.4	7.1	231
1986	3	77	6		142	41	43.92	73	56.14	8/14/1986	10:43	0.3	25.2	6.8	220
1986	3	80	6		137	41	46.14	73	56.82	8/14/1986	10:24	0.3	25	6.6	213
1986	3	81	4		135	41	47.474	73	57.457	8/14/1986	10:00	0.3	25.4	7.6	209

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1986	3	82	4		134	41	48.51	73	57.22	8/14/1986	9:33	0.3	25.5	7.4	208
1986	3	84	6		130	41	50.19	73	56.63	8/14/1986	8:55	0.3	24.6	7	206
1986	3	86	4		124	41	51.95	73	56.84	8/14/1986	8:32	0.3	23.8	8	206
1986	3	90	6		120	41	54.02	73	57.2	8/14/1986	8:00	0.3	24.1	7.2	207
1986	3	91	6		119	41	55.847	73	56.774	8/14/1986	7:31	0.3	23.9	7.7	338
1986	3	92	4		118	41	56.32	73	58.1	8/13/1986	18:20	0.3	26	10	223
1986	3	93	4		116	41	57.05	73	57.77	8/13/1986	18:00	0.3	25	8.9	200
1986	3	94	4		115	41	57.78	73	57.47	8/13/1986	17:48	0.3	25.6	10.6	202
1986	3	94	6		114	41	58.085	73	56.467	8/13/1986	17:27	0.3	26.2	10.7	202
1986	3	95	6		112	41	58.238	73	56.123	8/13/1986	17:11	0.3	26	10.1	204
1986	3	96	4		105	42	0.22	73	56.65	8/13/1986	16:04	0.3	25.2	9.5	199
1986	3	96	4		110	41	59.4	73	56.94	8/13/1986	16:18	0.3	25.4	9.9	198
1986	3	96	6		106	42	59.99	73	55.94	8/13/1986	16:42	0.3	25.6	9.1	197
1986	3	96	6		107	41	59.89	73	55.93	8/13/1986	16:51	0.3	30.8	14.5	197
1986	3	97	4		102	42	0.83	73	56.38	8/13/1986	15:42	0.3	27.2	10.6	198
1986	3	98	4		101	42	1.426	73	56.456	8/13/1986	15:29	0.3	24.8	8.8	200
1986	3	109	6		92	42	10.27	73	52.32	8/13/1986	14:22	0.3	25.2	10.8	218
1986	3	109	6		93	42	9.91	73	52.81	8/13/1986	14:42	0.3	25.2	9.4	203
1986	3	111	6		89					8/13/1986	13:57	0.3	25	9.1	199
1986	3	113	6		87	42	13.32	73	50.85	8/13/1986	13:19	0.3	24.8	7.9	209
1986	3	114	4		82	42	14.31	73	50.58	8/13/1986	12:39	0.3	24.5	7.4	212
1986	3	114	4		83	42	14.26	73	50.71	8/13/1986	12:55	0.3	24.9	7.4	211
1986	3	118	4		75	42	16.12	73	47.49	8/13/1986	12:16	0.3	25.9	9.4	200
1986	3	119	6		69	42	17.29	73	46.78	8/13/1986	11:54	0.3	24.8	9.7	203
1986	3	122	6		64	42	19.9	73	46.8	8/13/1986	11:31	0.3	23	7.3	218
1986	3	124	4		55	42	21.64	73	47.62	8/13/1986	11:09	0.3	23.9	7.9	214
1986	3	126	4		50	42	23.21	73	47.62	8/13/1986	10:50	0.3	23.8	8.8	216
1986	3	129	4		41	42	25.79	73	46.99	8/13/1986	9:59	0.3	23.6	7.8	213
1986	3	129	6		40	42	25.67	73	46.67	8/13/1986	10:21	0.3	23.8	7.5	206
1986	3	129	6		42	42	25.226	73	46.523	8/13/1986	10:10	0.3	23	7.3	212
1986	3	132	4		32	42	28.13	73	47.21	8/13/1986	9:37	0.3	23.5	7.3	216
1986	3	134	4		28	42	30.027	73	46.913	8/13/1986	9:09	0.3	23.3	7.3	211
1986	3	142	6		8	42	36.82	73	45.4	8/13/1986	8:26	0.3	23	7.7	193
1986	4	12	4		268					8/25/1986	13:41	0.3	25.3	6.9	11781
1986	4	13	4		267					8/25/1986	13:21	0.3	25	8.4	11754
1986	4	14	4		265					8/25/1986	12:58	0.3	25	8.3	9961
1986	4	20	6		258	40	57.73	73	53.661	8/25/1986	14:13	0.3	24.2	7.7	8101
1986	4	23	6		255	41	0.74	73	52.83	8/25/1986	14:36	0.3	24.1	8.3	4515
1986	4	25	4		250	41	2.86	73	55.07	8/25/1986	11:37	0.3	22.5	12.3	5234
1986	4	25	4		284	41	2.57	73	54.94	8/25/1986	12:08	0.3	23.2	8.4	5272
1986	4	25	4		270	41	2.783	73	55.05	8/28/1986	16:58	0.3	22	8.3	
1986	4	25	6		251	41	2.46	73	52.42	8/25/1986	15:03	0.3	24	9.7	3772
1986	4	25	6		251	41	2.46	73	52.42	8/28/1986	17:20	0.3	23.9	8.4	

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1986	4	26	4		271	41	3.77	73	55.22	8/25/1986	10:53	0.3	22	9.5	5119
1986	4	26	4		271	41	3.77	73	55.22	8/28/1986	16:42	0.3	22.3	8.8	
1986	4	26	6		247	41	3.891	73	52.077	8/25/1986	15:26	0.3	24.6	8.9	3415
1986	4	26	6		249	41	2.67	73	52.3	8/25/1986	15:15	0.3	24.8	8.6	3611
1986	4	26	6		247	41	3.891	73	52.077	8/28/1986	17:47	0.3	22	8.3	
1986	4	26	6		249	41	2.67	73	52.3	8/28/1986	17:37	0.3	22.4	8.9	
1986	4	27	4		245	41	4.19	73	55.21	8/25/1986	11:18	0.3	23	9.2	4463
1986	4	27	4		245	41	4.19	73	55.21	8/28/1986	16:30	0.3	22.1	9.5	
1986	4	28	6		243	41	5.683	73	52.214	8/25/1986	16:04	0.3	23	9	2439
1986	4	28	6		244	41	5.33	73	52.33	8/25/1986	15:41	0.3	23.8	9	2542
1986	4	28	6		243	41	5.683	73	52.214	8/28/1986	18:07	0.3	22.5	9.3	
1986	4	29	4		242	41	6.1	73	54.88	8/25/1986	10:05	0.3	21.4	12	3327
1986	4	30	4		241	41	7.14	73	54.77	8/28/1986	15:52	0.3	20	9.4	
1986	4	31	4		285	41	3.607	73	55.196	8/28/1986	15:32	0.3	22.5	9.1	
1986	4	32	4		239	41	8.81	73	54.6	8/25/1986	9:42	0.3	23	8.1	2377
1986	4	32	4		239	41	8.81	73	54.6	8/28/1986	14:58	0.3	23.1	8.6	
1986	4	32	4		240	41	8.48	73	54.42	8/28/1986	15:12	0.3	23.1	8.6	
1986	4	32	6		269	41	9.445	73	52.243	8/25/1986	16:28	0.3	23.1	8.6	1979
1986	4	33	6		236	41	9.79	73	52.202	8/28/1986	18:30	0.3	22.3	8.2	
1986	4	34	6		233	41	10.662	73	53.922	8/28/1986	18:46	0.3	22.2	9.2	
1986	4	35	4		229	41	10.59	73	56.41	8/25/1986	9:07	0.3	23	8.9	1339
1986	4	35	6		231	41	11.23	73	53.69	8/25/1986	15:12	0.3	23.9	8.5	1386
1986	4	35	6		274	41	11.17	73	53.71	8/25/1986	16:47	0.3	24.1	6.8	1674
1986	4	36	4		281	41	11.13	73	57.16	8/28/1986	14:07	0.3	22.1	10.6	
1986	4	36	4		282	41	11.2	73	57.17	8/28/1986	14:30	0.3	23.2	7.8	
1986	4	36	6		228	41	12.25	73	53.5	8/25/1986	8:14	0.3	21.1	7.8	1879
1986	4	36	6		276	41	12.17	73	53.51	8/28/1986	19:00	0.3	21.9	9.1	
1986	4	38	4		221	41	13.43	73	57.79	8/28/1986	11:52	0.3	24.1	8.4	
1986	4	38	4		222	41	12.979	73	57.867	8/28/1986	12:53	0.3	24.8	7.3	
1986	4	38	4		278	41	12.96	73	57.828	8/28/1986	12:14	0.3	24.3	7.9	
1986	4	38	4		279	41	13.36	73	57.82	8/28/1986	12:34	0.3	24.3	7.4	
1986	4	38	4		280	41	13.4	73	57.81	8/28/1986	12:11	0.3	24.1	8.3	
1986	4	40	4		209	41	14.97	73	58	8/28/1986	11:05	0.3	25.4	7.9	256
1986	4	40	6		213	41	14.64	73	57.15	8/25/1986	17:39	0.3	25.4	11.9	463
1986	4	40	6		212					8/28/1986	11:30	0.3	24.8	7.2	
1986	4	42	6		207	41	15.3	73	57.8	8/28/1986	10:28	0.3	26.9	7.2	333
1986	4	46	6		199	41	19.42	73	58.77	8/28/1986	9:50	0.3	24.8	6.4	249
1986	4	52	6		193	41	24.12	73	57.31	8/28/1986	8:35	0.3	23	7	228
1986	4	52	6		194	41	24.12	73	56.81	8/28/1986	9:01	0.3	23.5	7.5	237
1986	4	53	4		192	41	24.19	73	57.95	8/28/1986	8:17	0.3	23.1	7.2	275
1986	4	53	6		191	41	24.882	73	57.554	8/28/1986	7:52	0.3	23.8	7.1	226
1986	4	54	6		190	41	24.961	73	57.702	8/28/1986	7:20	0.3	23.6	8.1	203
1986	4	56	4		187	41	26.83	74	0.5	8/27/1986	18:02	0.3	25.1	10.8	225

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1986	4	56	4		188	41	26.47	73	59.66	8/27/1986	18:33	0.3	24.9	8	219
1986	4	57	4		185	41	27.68	74	0.73	8/27/1986	17:18	0.3	25.4	9.8	228
1986	4	57	4		186	41	27.28	74	0.8	8/27/1986	15:32	0.3	25.3	9.5	228
1986	4	58	4		184	41	27.78	74	0.7	8/27/1986	16:53	0.3	25.6	9.9	224
1986	4	63	6		168	41	32.3	73	58.633	8/27/1986	15:52	0.3	24.6	7.8	213
1986	4	64	6		165	41	32.66	73	58.52	8/27/1986	15:35	0.3	24.6	11.9	229
1986	4	69	6		156	41	37.03	73	56.88	8/27/1986	15:02	0.3	25	7.2	207
1986	4	69	6		158	41	36.94	73	56.81	8/27/1986	15:12	0.3	25.2	7.4	210
1986	4	76	6		145					8/27/1986	14:28	0.3	25.8	8.3	205
1986	4	77	6		140	41	44.56	73	56.17	8/27/1986	13:39	0.3	25	9.1	202
1986	4	77	6		142	41	43.92	73	56.14	8/27/1986	14:02	0.3	25	8.6	199
1986	4	80	6		137	41	46.14	73	56.82	8/27/1986	13:16	0.3	24.8	8.4	203
1986	4	82	4		134	41	48.51	73	57.22	8/27/1986	12:15	0.3	24.1	8.2	210
1986	4	83	4		133	41	48.74	73	57.19	8/27/1986	11:56	0.3	24.1	8	208
1986	4	86	4		124	41	51.95	73	56.84	8/27/1986	11:26	0.3	23.6	7.9	212
1986	4	87	4		123	41	52.616	73	57.292	8/27/1986	10:46	0.3	23.1	8.2	216
1986	4	89	6		121	41	53.84	73	57.04	8/27/1986	10:05	0.3	23.5	8.1	215
1986	4	90	6		120	41	54.02	73	57.2	8/27/1986	9:46	0.3	23.3	8.3	213
1986	4	93	6		117	41	57.036	73	56.721	8/27/1986	8:53	0.3	23.1	8.1	213
1986	4	94	4		115	41	57.78	73	57.47	8/27/1986	8:40	0.3	22.9	8.5	229
1986	4	94	6		114	41	58.085	73	56.467	8/27/1986	8:24	0.3	23	8	226
1986	4	96	4		105	42	0.22	73	56.65	8/27/1986	7:21	0.3	23.6	8.7	471
1986	4	96	4		110	41	59.4	73	56.94	8/27/1986	7:33	0.3	22.7	8.2	235
1986	4	96	6		106	42	59.99	73	55.94	8/27/1986	7:53	0.3	22.9	8.6	227
1986	4	96	6		107	41	59.89	73	55.93	8/27/1986	8:05	0.3	22.5	7.2	235
1986	4	97	4		103	42	0.5	73	56.51	8/27/1986	7:00	0.3	23.5	9.8	463
1986	4	98	4		101	42	1.426	73	56.456	8/26/1986	17:58	0.3	23.1	9.8	218
1986	4	99	6		99	42	2.02	73	55.73	8/26/1986	17:39	0.3	23.2	10.1	218
1986	4	108	6		94	42	9.56	73	53.18	8/26/1986	17:03	0.3	25.1	13.4	224
1986	4	112	4		88	42	12.69	73	51.26	8/26/1986	16:40	0.3	23	10.1	219
1986	4	113	6		87	42	13.32	73	50.85	8/26/1986	15:53	0.3	23.5	11.4	215
1986	4	114	4		82	42	14.31	73	50.58	8/26/1986	14:30	0.3	25	12.8	217
1986	4	114	4		83	42	14.26	73	50.71	8/26/1986	15:12	0.3	25	12.4	208
1986	4	116	6		77	42	15.02	73	48.31	8/26/1986	13:52	0.3	23.4	11	216
1986	4	118	4		75	42	16.12	73	47.49	8/26/1986	13:22	0.3	23.8	10.6	214
1986	4	121	6		67	42	18.82	73	46.89	8/26/1986	12:55	0.3	24.8	11	201
1986	4	123	4		59					8/26/1986	12:37	0.3	23.9	9.5	204
1986	4	124	4		55	42	21.64	73	47.62	8/26/1986	12:10	0.3	23.6	9.3	204
1986	4	127	4		46	42	24.35	73	47.08	8/26/1986	11:44	0.3	23.8	8.9	196
1986	4	130	4		37	42	26.76	73	47.22	8/26/1986	11:04	0.3	23.2	7.9	205
1986	4	133	4		29	42	29.09	73	47.273	8/26/1986	10:33	0.3	22.6	7.4	197
1986	4	138	4		23	42	33.14	73	45.46	8/26/1986	10:02	0.3	22.8	7.5	203
1986	4	139	4		15	42	34.32	73	45.25	8/26/1986	9:37	0.3	22.2	7.5	192

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1986	4	140	4		10					8/26/1986	8:54	0.3	21.8	8.1	184
1986	4	140	6		12					8/26/1986	9:16	0.3	22	7.7	208
1986	5	15	4		263	40	54.252	73	55.961	9/12/1986	15:59	0.3	22	6.2	16745
1986	5	16	4		262	40	54.9	73	55.7	9/12/1986	15:46	0.3	22	6.4	16321
1986	5	18	4		260	40	56.889	73	55.1	9/12/1986	15:28	0.3	22.5	7	14684
1986	5	19	6		259	40	57.735	73	53.561	9/12/1986	16:23	0.3	22.3	7.2	15588
1986	5	23	6		255	41	0.74	73	52.83	9/12/1986	16:45	0.3	22.2	7.2	13931
1986	5	25	4		250	41	2.86	73	55.07	9/8/1986	15:44	0.3	22.2	8.1	11926
1986	5	25	4		284	41	2.57	73	54.94	9/8/1986	15:53	0.3	22.8	8.3	12299
1986	5	25	4		250	41	2.86	73	55.07	9/12/1986	14:45	0.3	22.9	8.9	12586
1986	5	25	6		251	41	2.46	73	52.42	9/8/1986	16:19	0.3	22.3	6.8	14218
1986	5	26	4		271	41	3.77	73	55.22	9/8/1986	15:06	0.3	22.7	8.7	11803
1986	5	26	4		283	41	8.34	73	54.4	9/8/1986	15:26	0.3	21.9	6.8	12744
1986	5	26	4		271	41	3.77	73	55.22	9/12/1986	14:19	0.3	22.4	8.1	12717
1986	5	26	4		283	41	8.34	73	54.4	9/12/1986	14:33	0.3	22.8	8.8	1251
1986	5	26	6		247	41	3.891	73	52.077	9/12/1986	17:15	0.3	23	8.6	11626
1986	5	27	4		245	41	4.19	73	55.21	9/8/1986	14:49	0.3	21.8	9.4	11387
1986	5	27	4		245	41	4.19	73	55.21	9/12/1986	14:06	0.3	22.4	9.1	12612
1986	5	27	4		272	41	4.49	73	55.14	9/12/1986	13:54	0.3	22.7	9	12429
1986	5	28	6		244	41	5.33	73	52.33	9/8/1986	16:41	0.3	22.1	7.9	12691
1986	5	28	6		243	41	5.683	73	52.214	9/12/1986	17:45	0.3	22.7	7.3	11281
1986	5	28	6		244	41	5.33	73	52.33	9/12/1986	17:37	0.3	22.8	7.2	10423
1986	5	29	4		242	41	6.1	73	54.88	9/8/1986	14:16	0.3	22.5	10.8	10488
1986	5	30	4		241	41	7.14	73	54.77	9/12/1986	13:18	0.3	22.2	9	10343
1986	5	32	4		239	41	8.81	73	54.6	9/8/1986	13:22	0.3	23.1	7.9	9219
1986	5	32	4		240	41	8.48	73	54.42	9/8/1986	13:42	0.3	23.2	8.1	8993
1986	5	32	4		240	41	8.48	73	54.42	9/12/1986	12:58	0.3	22	9.1	8902
1986	5	32	6		269	41	9.445	73	52.243	9/8/1986	17:02	0.3	22.9	8.7	9778
1986	5	32	6		237	41	9.274	73	52.181	9/12/1986	18:14	0.3	23	8.3	8408
1986	5	32	6		269	41	9.445	73	52.243	9/12/1986	18:30	0.3	22.7	8.3	7729
1986	5	35	4		230	41	10.59	73	56.39	9/9/1986	13:04	0.3	24.2	6.7	7088
1986	5	35	4		277	41	10.95	73	57.06	9/9/1986	12:53	0.3	23.2	8.1	8063
1986	5	35	6		231	41	11.23	73	53.69	9/9/1986	13:49	0.3	23.8	9.8	9087
1986	5	35	6		274	41	11.17	73	53.71	9/9/1986	13:28	0.3	23.2	9.5	9200
1986	5	35	6		275	41	11.31	73	53.54	9/9/1986	14:18	0.3	24.9	9.9	7985
1986	5	36	4		226	41	11.8	73	57.5	9/9/1986	12:30	0.3	23.9	7.2	7947
1986	5	36	4		227	41	11.02	73	57.41	9/9/1986	12:42	0.3	23.1	8.5	8183
1986	5	36	6		228	41	12.25	73	53.5	9/8/1986	12:10	0.3	22.8	7.8	9068
1986	5	37	4		224					9/9/1986	12:04	0.3	23.8	8.4	7351
1986	5	37	4		225	41	12.096	73	57.458	9/9/1986	12:15	0.3	24	7.9	7219
1986	5	38	4		221	41	13.43	73	57.79	9/9/1986	11:24	0.3	24	8.8	7321
1986	5	38	4		223	41	12.89	73	57.806	9/9/1986	11:52	0.3	24	8.6	7219
1986	5	38	4		280	41	13.4	73	57.81	9/9/1986	11:40	0.3	23.8	8.5	7045

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1986	5	38	6		220					9/8/1986	11:41	0.3	23.1	7.4	7873
1986	5	39	4		216	41	13.48	73	57.84	9/8/1986	10:54	0.3	23.1	7.7	7665
1986	5	39	6		217	41	14.098	73	56.682	9/8/1986	11:20	0.3	22.9	7.9	7593
1986	5	40	6		212					9/8/1986	10:13	0.3	24	6.3	5796
1986	5	41	6		208	41	15.72	73	50.84	9/8/1986	9:50	0.3	23.8	7.8	5615
1986	5	46	4		198	41	19.7	73	59	9/8/1986	9:14	0.3	23	5.9	420
1986	5	49	4		196	41	21.16	73	57.74	9/9/1986	15:00	0.3	23	6.2	2647
1986	5	51	6		195	41	22.87	73	50.61	9/9/1986	15:14	0.3	24.1	8.4	2151
1986	5	53	4		192	41	24.19	73	57.95	9/9/1986	15:34	0.3	22.7	5.9	2068
1986	5	53	6		191	41	24.882	73	57.554	9/9/1986	15:47	0.3	22.9	6.4	1789
1986	5	55	6		189	41	25.66	73	58.14	9/9/1986	16:24	0.3	23.5	7.2	1510
1986	5	57	4		185	41	27.68	74	0.73	9/9/1986	17:05	0.3	23.1	7	1295
1986	5	57	4		186	41	27.28	74	0.8	9/9/1986	16:44	0.3	23.7	7.8	6957
1986	5	58	4		184	41	27.78	74	0.7	9/12/1986	10:01	0.3	22	10.1	304
1986	5	59	6		178	41	29.25	73	59.32	9/12/1986	10:30	0.3	21.9	10	308
1986	5	59	6		179	41	29.24	73	59.34	9/12/1986	10:17	0.3	21.9	11.1	298
1986	5	60	6		177	41	29.52	73	59.24	9/12/1986	10:47	0.3	20.8	11.1	315
1986	5	69	6		156	41	37.03	73	56.88	9/12/1986	7:59	0.3	22.2	7.6	317
1986	5	69	6		157	41	36.97	73	56.85	9/12/1986	7:36	0.3	22	7.7	360
1986	5	71	4		153	41	39.06	73	57.257	9/12/1986	8:14	0.3	22.8	7.2	253
1986	5	72	4		151	41	40.04	73	57.11	9/12/1986	8:30	0.3	22.6	7.4	249
1986	5	73	6		150	41	40.28	73	56.49	9/11/1986	8:48	0.3	22.7	7.2	240
1986	5	77	6		140	41	44.56	73	56.17	9/11/1986	15:47	0.3	21.9	7.4	277
1986	5	81	4		135	41	47.474	73	57.457	9/11/1986	15:26	0.3	21.4	8.1	291
1986	5	82	4		134	41	48.51	73	57.22	9/11/1986	15:13	0.3	21.5	8.5	289
1986	5	83	4		131	41	49.33	73	57.31	9/11/1986	14:36	0.3	21.5	8.1	266
1986	5	84	4		129	41	50.61	73	57.28	9/11/1986	14:11	0.3	23	10	275
1986	5	86	4		126	41	51.44	73	56.97	9/11/1986	13:52	0.3	21.8	9.9	264
1986	5	87	4		123	41	52.616	73	57.292	9/11/1986	13:21	0.3	21.2	8.6	302
1986	5	89	6		121	41	53.84	73	57.04	9/11/1986	13:01	0.3	21.4	8.5	298
1986	5	90	6		120	41	54.02	73	57.2	9/11/1986	12:42	0.3	21.6	8.6	309
1986	5	93	4		116	41	57.05	73	57.77	9/11/1986	12:18	0.3	21.2	8.6	310
1986	5	94	4		115	41	57.78	73	57.47	9/11/1986	11:31	0.3	21.4	8.7	343
1986	5	94	6		114	41	58.085	73	56.467	9/11/1986	11:48	0.3	21.7	9.3	286
1986	5	95	4		111	41	59.083	73	57.079	9/11/1986	11:15	0.3	21.1	8.6	380
1986	5	96	4		110	41	59.4	73	56.94	9/10/1986	17:27	0.3	20.8	9.1	193
1986	5	97	4		103	42	0.5	73	56.51	9/10/1986	17:13	0.3	21.2	9.5	199
1986	5	98	4		100	42	1.67	73	56.54	9/10/1986	16:29	0.3	20.5	8.4	199
1986	5	98	4		101	42	1.426	73	56.456	9/10/1986	16:45	0.3	20.3	8.7	200
1986	5	99	6		99	42	2.02	73	55.73	9/10/1986	16:11	0.3	20.7	8.6	200
1986	5	109	6		92	42	10.27	73	52.32	9/10/1986	15:33	0.3	21	8.4	214
1986	5	111	6		89					9/10/1986	15:15	0.3	20.8	10.9	208
1986	5	112	4		88	42	12.69	73	51.26	9/10/1986	15:02	0.3	20.9	9	200

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1986	5	113	6		87	42	13.32	73	50.85	9/10/1986	14:47	0.3	21	9.9	226
1986	5	114	4		82	42	14.31	73	50.58	9/10/1986	13:43	0.3	20.3	8.1	232
1986	5	114	4		83	42	14.26	73	50.71	9/10/1986	14:01	0.3	21	7.9	218
1986	5	116	6		77	42	15.02	73	48.31	9/10/1986	12:47	0.3	20.7	12.2	225
1986	5	121	6		66	42	19.33	73	46.85	9/10/1986	11:56	0.3	20.3	10.6	219
1986	5	123	6		60	42	20.64	73	47.39	9/10/1986	11:36	0.3	19.9	9.6	229
1986	5	125	6		52	42	22.39	73	47.45	9/10/1986	11:18	0.3	20.5	9.4	225
1986	5	126	4		49	42	23.4	73	47.52	9/10/1986	11:04	0.3	20.4	8.7	236
1986	5	129	6		39	42	25.879	73	46.76	9/10/1986	10:23	0.3	20.2	8.2	248
1986	5	129	6		42	42	25.226	73	46.523	9/10/1986	10:46	0.3	19.9	8.5	207
1986	5	132	4		32	42	28.13	73	47.21	9/10/1986	10:07	0.3	19.8	7.8	235
1986	5	135	4		25	42	31.16	73	46.06	9/10/1986	9:43	0.3	19.9	8.5	222
1986	5	138	4		21	42	33.51	73	45.33	9/10/1986	9:24	0.3	20	8.6	203
1986	6	12	4		268					9/23/1986	14:20	0.3	20.1	5.4	24816
1986	6	13	4		267					9/23/1986	14:05	0.3	20	5.4	21553
1986	6	15	4		263	40	54.252	73	55.961	9/23/1986	13:49	0.3	20.3	6.1	16474
1986	6	16	4		262	40	54.9	73	55.7	9/23/1986	13:35	0.3	20.5	6.3	19467
1986	6	18	4		260	40	56.889	73	55.1	9/23/1986	13:21	0.3	20.2	6.7	16399
1986	6	24	6		253	41	1.169	73	52.711	9/23/1986	14:51	0.3	21	8.6	12446
1986	6	25	4		250	41	2.86	73	55.07	9/23/1986	12:43	0.3	19.8	7.6	11877
1986	6	25	4		270	41	2.783	73	55.05	9/26/1986	11:21	0.3	21.2	8.6	7867
1986	6	26	4		271	41	3.77	73	55.22	9/23/1986	12:10	0.3	19.8	7.4	11211
1986	6	26	4		283	41	8.34	73	54.4	9/23/1986	12:28	0.3	19.9	7.3	11741
1986	6	26	6		247	41	3.891	73	52.077	9/26/1986	10:50	0.3	21.5	7.8	7497
1986	6	26	6		249	41	2.67	73	52.3	9/26/1986	10:58	0.3	21.5	7.9	7711
1986	6	27	4		245	41	4.19	73	55.21	9/23/1986	11:58	0.3	19.8	7.6	11211
1986	6	27	4		272	41	4.49	73	55.14	9/26/1986	11:34	0.3	21.2	9.8	7436
1986	6	28	6		243	41	5.683	73	52.214	9/23/1986	15:30	0.3	20.3	8.1	10324
1986	6	28	6		244	41	5.33	73	52.33	9/23/1986	15:15	0.3	20.8	7.7	10976
1986	6	30	4		241	41	7.14	73	54.77	9/23/1986	11:34	0.3	20.2	7.9	9135
1986	6	30	4		241	41	7.14	73	54.77	9/26/1986	11:53	0.3	21.5	9.2	6211
1986	6	31	4		285	41	3.607	73	55.196	9/26/1986	12:17	0.3	22.2	8.4	6227
1986	6	32	4		239	41	8.81	73	54.6	9/23/1986	11:15	0.3	21	7.7	7684
1986	6	32	4		239	41	8.81	73	54.6	9/26/1986	12:43	0.3	22.1	8.4	6134
1986	6	32	4		240	41	8.48	73	54.42	9/26/1986	12:33	0.3	22	7.9	6041
1986	6	32	6		237	41	9.274	73	52.181	9/23/1986	16:07	0.3	20.7	8.1	8277
1986	6	32	6		238	41	8.85	73	52.123	9/23/1986	15:50	0.3	20.6	8.1	8294
1986	6	32	6		237	41	9.274	73	52.181	9/26/1986	10:09	0.3	21	8	6926
1986	6	32	6		238	41	8.85	73	52.123	9/26/1986	10:22	0.3	21.4	7.4	6439
1986	6	32	6		269	41	9.445	73	52.243	9/26/1986	9:55	0.3	21	8.2	6926
1986	6	33	6		236	41	9.79	73	52.202	9/23/1986	16:21	0.3	20.3	8	7908
1986	6	33	6		236	41	9.79	73	52.202	9/26/1986	9:44	0.3	21.1	7.9	6696
1986	6	34	6		233	41	10.662	73	53.922	9/23/1986	16:46	0.3	21	8	7467

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1986	6	34	6		234	41	10.19	73	53.93	9/23/1986	16:34	0.3	20.4	7.5	7672
1986	6	35	6		231	41	11.23	73	53.69	9/23/1986	17:11	0.3	20.8	9.9	6847
1986	6	35	6		274	41	11.17	73	53.71	9/23/1986	17:00	0.3	20.9	11.4	7049
1986	6	35	6		275	41	11.31	73	53.54	9/23/1986	17:22	0.3	21	9.8	7034
1986	6	36	4		226	41	11.8	73	57.5	9/23/1986	10:30	0.3	20	7.5	5858
1986	6	36	4		281	41	11.13	73	57.16	9/23/1986	10:41	0.3	20.8	8	5869
1986	6	37	4		224					9/23/1986	9:55	0.3	21.8	7.2	5534
1986	6	37	4		225	41	12.096	73	57.458	9/23/1986	10:15	0.3	21.4	7.3	5902
1986	6	38	4		222	41	12.979	73	57.867	9/23/1986	9:23	0.3	21.3	7.7	5485
1986	6	38	4		278	41	12.96	73	57.828	9/23/1986	9:36	0.3	21.3	7.8	5592
1986	6	38	4		279	41	13.36	73	57.82	9/23/1986	9:07	0.3	21.9	8	5523
1986	6	38	4		280	41	13.4	73	57.81	9/23/1986	8:55	0.3	22	8.8	5405
1986	6	40	6		211	41	14.88	73	57.6	9/22/1986	16:51	0.3	21.9	8	5523
1986	6	40	6		212					9/22/1986	17:04	0.3	21.9	8.3	5416
1986	6	42	6		207	41	15.3	73	57.8	9/22/1986	16:42	0.3	26.9	6.4	5174
1986	6	43	6		204	41	16.693	73	56.484	9/22/1986	16:26	0.3	22	6.5	3285
1986	6	46	4		198	41	19.7	73	59	9/22/1986	15:59	0.3	21.9	6.8	3600
1986	6	49	4		196	41	21.16	73	57.74	9/22/1986	15:40	0.3	21.3	6.3	2258
1986	6	52	6		194	41	24.12	73	56.81	9/22/1986	15:17	0.3	21.1	6.2	1361
1986	6	53	4		192	41	24.19	73	57.95	9/22/1986	15:05	0.3	21	6.6	1180
1986	6	54	6		190	41	24.961	73	57.702	9/22/1986	14:52	0.3	21	6.6	1623
1986	6	55	6		189	41	25.66	73	58.14	9/22/1986	14:40	0.3	21	6.8	1028
1986	6	56	4		187	41	26.83	74	0.5	9/22/1986	13:58	0.3	21.1	8	536
1986	6	56	4		188	41	26.47	73	59.66	9/22/1986	14:18	0.3	21	8.3	530
1986	6	57	4		185	41	27.68	74	0.73	9/22/1986	13:35	0.3	20.3	7.6	507
1986	6	57	4		186	41	27.28	74	0.8	9/22/1986	13:46	0.3	20.3	7.8	516
1986	6	58	4		183	41	28.02	74	0.87	9/22/1986	13:10	0.3	20.3	8	495
1986	6	58	4		184	41	27.78	74	0.7	9/22/1986	13:21	0.3	20.2	7.6	497
1986	6	65	4		160	41	34.777	73	57.753	9/25/1986	12:40	0.3	20	7.9	220
1986	6	69	6		157	41	36.97	73	56.85	9/22/1986	12:05	0.3	20.9	7.3	
1986	6	71	4		153	41	39.06	73	57.257	9/25/1986	12:13	0.3	19.9	7.7	219
1986	6	73	6		150	41	40.28	73	56.49	9/25/1986	11:55	0.3	19.2	7.5	219
1986	6	76	4		144					9/25/1986	11:30	0.3	19.1	7.9	221
1986	6	81	4		135	41	47.474	73	57.457	9/25/1986	10:49	0.3	18.8	8.1	219
1986	6	81	6		136					9/25/1986	11:06	0.3	18.9	7.8	217
1986	6	83	4		133	41	48.74	73	57.19	9/25/1986	10:38	0.3	18.9	8.1	218
1986	6	85	4		128					9/25/1986	10:08	0.3	19	9.2	221
1986	6	85	6		127	41	51.18	73	56.5	9/25/1986	9:56	0.3	18.5	7.8	217
1986	6	87	4		123	41	52.616	73	57.292	9/25/1986	9:37	0.3	18.2	8.6	222
1986	6	88	6		122	41	53.023	73	56.214	9/25/1986	9:23	0.3	18.5	8	219
1986	6	89	6		121	41	53.84	73	57.04	9/25/1986	9:10	0.3	18.4	8.3	217
1986	6	92	4		118	41	56.32	73	58.1	9/24/1986	18:04	0.3	19.6	8.9	247
1986	6	93	4		116	41	57.05	73	57.77	9/24/1986	17:48	0.3	19	8.4	248

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1986	6	94	4		113	41	58.38	73	57.25	9/24/1986	16:59	0.3	18.9	9	240
1986	6	94	4		115	41	57.78	73	57.47	9/24/1986	17:20	0.3	19	8.7	248
1986	6	94	6		114	41	58.085	73	56.467	9/24/1986	16:46	0.3	19.4	9	233
1986	6	95	6		112	41	58.238	73	56.123	9/24/1986	16:35	0.3	19.2	8.7	248
1986	6	96	4		108	41	59.76	73	56.81	9/24/1986	15:59	0.3	19	8.9	235
1986	6	96	4		110	41	59.4	73	56.94	9/24/1986	16:08	0.3	19.2	9.1	253
1986	6	96	6		106	42	59.99	73	55.94	9/24/1986	16:23	0.3	19.3	9	258
1986	6	97	4		102	42	0.83	73	56.38	9/24/1986	15:45	0.3	19.4	9.2	235
1986	6	97	6		104	42	0.26	73	55.792	9/24/1986	16:16	0.3	19.3	8.8	255
1986	6	112	4		88	42	12.69	73	51.26	9/24/1986	14:57	0.3	18.3	9.1	242
1986	6	113	4		86	42	13.12	73	51.33	9/24/1986	14:40	0.3	18	9.4	235
1986	6	113	6		87	42	13.32	73	50.85	9/24/1986	14:15	0.3	19.5	10.8	255
1986	6	114	6		85	42	13.54	73	50.75	9/24/1986	13:59	0.3	19.2	9.9	202
1986	6	116	4		78					9/24/1986	13:38	0.3	20.6	6.5	205
1986	6	117	4		76	42	15.84	73	47.69	9/24/1986	13:23	0.3	18.3	9	218
1986	6	119	6		71	42	17.16	73	46.8	9/24/1986	12:54	0.3	18.8	10.1	226
1986	6	119	6		72	42	16.82	73	47.28	9/24/1986	13:14	0.3	19	10.2	237
1986	6	122	6		62	42	20.105	73	46.848	9/24/1986	12:39	0.3	18.9	10.4	215
1986	6	123	4		59					9/24/1986	12:23	0.3	19	10.4	238
1986	6	127	4		46	42	24.35	73	47.08	9/24/1986	11:43	0.3	18	8.9	241
1986	6	127	6		47	42	23.853	73	46.901	9/24/1986	11:57	0.3	18	9	242
1986	6	129	6		42	42	25.226	73	46.523	9/24/1986	11:30	0.3	17.9	9.3	250
1986	6	130	4		37	42	26.76	73	47.22	9/24/1986	11:05	0.3	17.7	8.3	254
1986	6	131	4		33	42	28.06	73	47.13	9/24/1986	10:46	0.3	17.6	8.5	211
1986	6	132	4		32	42	28.13	73	47.21	9/24/1986	10:28	0.3	17.5	8.5	209
1986	6	138	4		22	42	33.36	73	45.42	9/24/1986	9:52	0.3	17	9.2	217
1986	7	14	4		265					10/9/1986	15:23	0.3	20	7.1	16579
1986	7	14	4		266	40	52.925	73	56.648	10/9/1986	15:11	0.3	20.5	7.8	15639
1986	7	18	6		261	40	56.27	73	54.17	10/9/1986	14:53	0.3	19.8	7.1	15318
1986	7	21	6		257	40	59.13	73	53.13	10/9/1986	14:35	0.3	19.9	8.4	11076
1986	7	22	6		256	40	59.97	73	53.05	10/9/1986	14:04	0.3	19.5	8.2	10835
1986	7	24	6		253	41	1.169	73	52.711	10/9/1986	13:47	0.3	19.4	8.4	9739
1986	7	25	4		250	41	2.86	73	55.07	10/7/1986	16:50	0.3	18	8.9	10382
1986	7	25	4		270	41	2.783	73	55.05	10/7/1986	17:03	0.3	17.9	8.4	10635
1986	7	25	4		250	41	2.86	73	55.07	10/9/1986	16:05	0.3	19.2	8.7	10005
1986	7	25	6		251	41	2.46	73	52.42	10/9/1986	13:34	0.3	19.2	8.8	9106
1986	7	26	4		271	41	3.77	73	55.22	10/7/1986	16:01	0.3	18.5	8.2	13009
1986	7	26	4		283	41	8.34	73	54.4	10/7/1986	16:31	0.3	18.5	7.7	10156
1986	7	26	6		247	41	3.891	73	52.077	10/9/1986	13:03	0.3	19.4	9.1	9179
1986	7	26	6		248	41	3.273	73	52.221	10/9/1986	13:14	0.3	19.2	9.2	9022
1986	7	26	6		249	41	2.67	73	52.3	10/9/1986	13:24	0.3	20	8.8	8842
1986	7	27	4		245	41	4.19	73	55.21	10/7/1986	16:16	0.3	18.4	8.3	
1986	7	27	4		272	41	4.49	73	55.14	10/7/1986	15:38	0.3	17.9	8.4	9595

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1986	7	28	6		243	41	5.683	73	52.214	10/9/1986	12:30	0.3	19.4	8.7	6728
1986	7	28	6		244	41	5.33	73	52.33	10/9/1986	12:46	0.3	19	9.1	7875
1986	7	29	4		242	41	6.1	73	54.88	10/7/1986	15:14	0.3	18	9.7	9574
1986	7	30	4		241	41	7.14	73	54.77	10/7/1986	14:50	0.3	18.2	8.9	8270
1986	7	31	4		285	41	3.607	73	55.196	10/9/1986	16:29	0.3	19	8.5	8581
1986	7	32	4		239	41	8.81	73	54.6	10/7/1986	13:56	0.3	18.8	9.2	8050
1986	7	32	4		285	41	3.607	73	55.196	10/7/1986	14:26	0.3	18.6	8	9110
1986	7	32	4		240	41	8.48	73	54.42	10/9/1986	16:41	0.3	18.9	8.5	8712
1986	7	32	6		237	41	9.274	73	52.181	10/9/1986	12:05	0.3	20.2	8.5	6604
1986	7	32	6		238	41	8.85	73	52.123	10/9/1986	12:15	0.3	19.1	8.7	6760
1986	7	32	6		269	41	9.445	73	52.243	10/9/1986	11:48	0.3	20.6	8.3	6548
1986	7	33	6		236	41	9.79	73	52.202	10/9/1986	11:29	0.3	19.4	8.4	6717
1986	7	34	6		233	41	10.662	73	53.922	10/9/1986	10:28	0.3	18.8	9.1	6236
1986	7	34	6		234	41	10.19	73	53.93	10/9/1986	10:41	0.3	19	10.1	6435
1986	7	34	6		235	41	10.632	73	52.59	10/9/1986	11:01	0.3	17	11.1	7191
1986	7	35	4		229	41	10.59	73	56.41	10/9/1986	16:59	0.3	20.7	7.9	4465
1986	7	35	4		277	41	10.95	73	57.06	10/9/1986	17:12	0.3	21.1	8.4	4169
1986	7	35	6		231	41	11.23	73	53.69	10/9/1986	9:32	0.3	17.9	8.7	6011
1986	7	35	6		232	41	11.172	73	53.996	10/9/1986	10:07	0.3	18.2	8	5972
1986	7	35	6		274	41	11.17	73	53.71	10/9/1986	9:52	0.3	17.8	9.2	6024
1986	7	35	6		275	41	11.31	73	53.54	10/9/1986	9:17	0.3	17.9	8.7	6011
1986	7	36	4		227	41	11.02	73	57.41	10/9/1986	17:24	0.3	20.9	8.3	4555
1986	7	36	6		276	41	12.17	73	53.51	10/9/1986	8:59	0.3	18	7.9	5641
1986	7	38	4		279	41	13.36	73	57.82	10/9/1986	17:40	0.3	21.2	8	3664
1986	7	38	4		280	41	13.4	73	57.81	10/9/1986	17:49	0.3	21.4	8.1	3541
1986	7	38	6		220					10/9/1986	8:40	0.3	18.6	7.1	5238
1986	7	39	6		217	41	14.098	73	56.682	10/9/1986	8:06	0.3	18.2	6.8	4738
1986	7	41	6		208	41	15.72	73	50.84	10/10/1986	14:19	0.3	21.3	8.2	1635
1986	7	42	6		207	41	15.3	73	57.8	10/10/1986	14:07	0.3	25	8.3	1195
1986	7	43	6		202	41	17.12	73	55.98	10/10/1986	13:53	0.3	17.5	9.5	2099
1986	7	46	4		198	41	19.7	73	59	10/10/1986	13:29	0.3	18.4	9.1	463
1986	7	48	4		197	41	20.86	73	58.08	10/10/1986	13:09	0.3	17.9	9.1	490
1986	7	49	4		196	41	21.16	73	57.74	10/10/1986	12:54	0.3	17.9	8.4	340
1986	7	52	6		194	41	24.12	73	56.81	10/10/1986	10:01	0.3	17.4	8.1	298
1986	7	54	6		190	41	24.961	73	57.702	10/10/1986	9:45	0.3	17.5	8.1	268
1986	7	55	6		189	41	25.66	73	58.14	10/10/1986	9:27	0.3	14.8	9.1	270
1986	7	56	4		187	41	26.83	74	0.5	10/10/1986	8:37	0.3	13.8	9.3	297
1986	7	57	4		185	41	27.68	74	0.73	10/10/1986	8:08	0.3	14.2	8.5	241
1986	7	58	4		184	41	27.78	74	0.7	10/10/1986	7:51	0.3	13.9	9.5	221
1986	7	58	6		182	41	28.2	73	59.12	10/10/1986	7:32	0.3	15.8	8.8	259
1986	7	59	6		181	41	29.04	73	59.33	10/8/1986	18:01	0.3	17.1	9.1	263
1986	7	60	6		178	41	29.25	73	59.32	10/8/1986	17:47	0.3	17.5	8.8	245
1986	7	62	4		171	41	32.19	73	59.91	10/8/1986	17:21	0.3	18.9	8.4	224

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1986	7	63	4		166					10/8/1986	17:07	0.3	19	8.6	226
1986	7	65	4		162	41	33.99	73	58.39	10/8/1986	16:50	0.3	19	8.6	231
1986	7	69	6		156	41	37.03	73	56.88	10/8/1986	16:26	0.3	18.9	8.6	226
1986	7	71	4		154	41	38.88	73	57.23	10/8/1986	16:03	0.3	18.2	8.2	224
1986	7	77	6		142	41	43.92	73	56.14	10/8/1986	15:18	0.3	18.7	8.5	227
1986	7	80	6		137	41	46.14	73	56.82	10/8/1986	14:41	0.3	18.2	8.7	225
1986	7	81	4		135	41	47.474	73	57.457	10/8/1986	14:18	0.3	17.9	9.1	222
1986	7	84	6		130	41	50.19	73	56.63	10/8/1986	13:50	0.3	17.9	9.6	224
1986	7	85	6		127	41	51.18	73	56.5	10/8/1986	13:29	0.3	16.8	9.1	213
1986	7	86	4		124	41	51.95	73	56.84	10/8/1986	12:42	0.3	18	14.4	220
1986	7	86	4		126	41	51.44	73	56.97	10/8/1986	13:10	0.3	18.4	10.1	223
1986	7	88	6		122	41	53.023	73	56.214	10/8/1986	12:13	0.3	17.5	10.7	222
1986	7	90	6		120	41	54.02	73	57.2	10/8/1986	11:54	0.3	16	9.5	218
1986	7	91	6		119	41	55.847	73	56.774	10/8/1986	11:22	0.3	15.5	8.6	210
1986	7	94	6		114	41	58.085	73	56.467	10/8/1986	10:49	0.3	16.2	9.8	202
1986	7	95	6		112	41	58.238	73	56.123	10/8/1986	10:15	0.3	16.5	8.8	197
1986	7	96	4		108	41	59.76	73	56.81	10/8/1986	9:10	0.3	14.1	9.5	202
1986	7	96	6		107	41	59.89	73	55.93	10/8/1986	9:31	0.3	15	8.5	197
1986	7	96	6		109	41	59.43	73	56.012	10/8/1986	9:50	0.3	15.5	9	199
1986	7	97	4		102	42	0.83	73	56.38	10/8/1986	8:36	0.3	15.5	9.5	200
1986	7	97	4		103	42	0.5	73	56.51	10/8/1986	8:54	0.3	14.3	9.7	201
1986	7	98	4		100	42	1.67	73	56.54	10/8/1986	8:19	0.3	15.5	8.7	201
1986	7	105	4		97	42	7.68	73	55.13	10/8/1986	7:47	0.3	15	9.6	191
1986	7	107	4		95	42	8.94	73	54.32	10/7/1986	16:18	0.3	16	9.5	202
1986	7	108	6		94	42	9.56	73	53.18	10/7/1986	16:04	0.3	16.8	11.9	201
1986	7	109	6		93	42	9.91	73	52.81	10/7/1986	15:49	0.3	16	9.8	207
1986	7	113	6		87	42	13.32	73	50.85	10/7/1986	15:13	0.3	16.8	10.2	201
1986	7	115	6		80	42	14.8	73	49.1	10/7/1986	14:58	0.3	16.3	10.9	206
1986	7	118	4		75	42	16.12	73	47.49	10/7/1986	14:24	0.3	17.3	10.1	199
1986	7	119	6		69	42	17.29	73	46.78	10/7/1986	14:02	0.3	16.5	10.5	209
1986	7	121	6		66	42	19.33	73	46.85	10/7/1986	13:40	0.3	16.8	9.1	213
1986	7	123	4		59					10/7/1986	13:00	0.3	16	9.2	212
1986	7	123	4		60	42	20.64	73	47.39	10/7/1986	13:22	0.3	18.1	10.2	219
1986	7	138	4		21	42	33.51	73	45.33	10/7/1986	11:47	0.3	15.5	9.6	205
1986	7	138	4		22	42	33.36	73	45.42	10/7/1986	12:05	0.3	16	9.5	193
1986	7	140	4		10					10/7/1986	11:12	0.3	15	9.8	200
1986	7	140	4		12					10/7/1986	11:29	0.3	16.2	11.5	202
1986	7	147	6		3	42	41.41	73	42.584	10/7/1986	10:26	0.3	13.2	10	168
1986	7	149	6		2	42	42	73	42.07	10/7/1986	10:11	0.3	13.4	10.2	169
1986	7	151	4		1	42	44.51	73	41.196	10/7/1986	9:53	0.3	13.9	11.3	240
1986	8	14	4		265					10/20/1986	14:36	0.3	16	7.8	
1986	8	18	4		260	40	56.889	73	55.1	10/20/1986	15:00	0.3	15.8	8.2	
1986	8	18	6		261	40	56.27	73	54.17	10/20/1986	14:13	0.3	16.2	8	

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1986	8	19	6		259	40	57.735	73	53.561	10/20/1986	14:00	0.3	16	8.5	
1986	8	21	6		257	40	59.13	73	53.13	10/20/1986	13:41	0.3	16.5	8.4	
1986	8	24	6		252	41	2.057	73	52.505	10/20/1986	13:09	0.3	16.1	9.3	
1986	8	24	6		253	41	1.169	73	52.711	10/20/1986	13:18	0.3	16	9.1	
1986	8	25	4		250	41	2.86	73	55.07	10/20/1986	15:57	0.3	15	8.8	
1986	8	25	4		270	41	2.783	73	55.05	10/20/1986	15:30	0.3	15.5	9.8	
1986	8	25	4		284	41	2.57	73	54.94	10/23/1986	11:32	0.3	15.2	9.6	7727
1986	8	25	6		251	41	2.46	73	52.42	10/23/1986	11:50	0.3	16	9.4	7350
1986	8	26	4		271	41	3.77	73	55.22	10/23/1986	11:00	0.3	15.5	9.5	6762
1986	8	26	4		283	41	8.34	73	54.4	10/23/1986	11:21	0.3	14.9	9.7	7409
1986	8	26	6		247	41	3.891	73	52.077	10/20/1986	12:22	0.3	15.8	9.5	
1986	8	26	6		248	41	3.273	73	52.221	10/20/1986	12:42	0.3	15.8	9.6	
1986	8	26	6		248	41	3.273	73	52.221	10/23/1986	12:01	0.3	15.9	9.7	7306
1986	8	27	4		272	41	4.49	73	55.14	10/20/1986	16:21	0.3	14.8	8.8	
1986	8	27	4		245	41	4.19	73	55.21	10/23/1986	10:47	0.3	15.8	9.8	6414
1986	8	28	6		243	41	5.683	73	52.214	10/23/1986	12:31	0.3	16	9.6	5241
1986	8	28	6		244	41	5.33	73	52.33	10/23/1986	12:16	0.3	16.2	9.7	5038
1986	8	29	4		242	41	6.1	73	54.88	10/23/1986	10:29	0.3	16	9.4	4820
1986	8	30	4		241	41	7.14	73	54.77	10/20/1986	16:42	0.3	15.2	9.8	
1986	8	31	4		285	41	3.607	73	55.196	10/20/1986	17:26	0.3	15	8.4	
1986	8	32	4		239	41	8.81	73	54.6	10/20/1986	17:38	0.3	15.2	8.8	
1986	8	32	4		240	41	8.48	73	54.42	10/20/1986	17:11	0.3	15	8.1	
1986	8	32	6		237	41	9.274	73	52.181	10/20/1986	11:40	0.3	15.5	11.2	
1986	8	32	6		238	41	8.85	73	52.123	10/23/1986	12:50	0.3	16.3	9.4	4585
1986	8	32	6		269	41	9.445	73	52.243	10/23/1986	13:04	0.3	16.4	9.3	4634
1986	8	33	6		236	41	9.79	73	52.202	10/23/1986	13:16	0.3	16.5	9.8	5899
1986	8	34	6		233	41	10.662	73	53.922	10/23/1986	14:05	0.3	17	10.2	3772
1986	8	34	6		234	41	10.19	73	53.93	10/23/1986	13:54	0.3	15.9	11.5	4673
1986	8	34	6		235	41	10.632	73	52.59	10/23/1986	13:36	0.3	16.4	9.7	4754
1986	8	35	4		229	41	10.59	73	56.41	10/23/1986	9:35	0.3	16.2	8.6	2999
1986	8	35	4		230	41	10.59	73	56.39	10/23/1986	9:45	0.3	16.9	9.5	2942
1986	8	35	4		277	41	10.95	73	57.06	10/23/1986	9:16	0.3	15.9	8.4	3140
1986	8	35	6		232	41	11.172	73	53.996	10/23/1986	14:19	0.3	16.8	9.8	4049
1986	8	35	6		275	41	11.31	73	53.54	10/23/1986	14:33	0.3	17	9.9	4043
1986	8	36	4		226	41	11.8	73	57.5	10/23/1986	8:24	0.3	16.8	8.4	2759
1986	8	36	4		227	41	11.02	73	57.41	10/23/1986	9:02	0.3	16.3	8.5	3435
1986	8	36	4		281	41	11.13	73	57.16	10/23/1986	8:47	0.3	15.2	8.5	3115
1986	8	36	6		228	41	12.25	73	53.5	10/23/1986	14:44	0.3	16.5	10.2	3909
1986	8	38	4		221	41	13.43	73	57.79	10/23/1986	7:45	0.3	16.8	8.7	2202
1986	8	38	4		278	41	12.96	73	57.828	10/23/1986	8:01	0.3	16.3	8.7	2645
1986	8	40	6		210	41	14.87	73	57.74	10/23/1986	15:35	0.3	17.5	9	2274
1986	8	40	6		212					10/23/1986	15:23	0.3	17.5	9.7	2250
1986	8	40	6		213	41	14.64	73	57.15	10/23/1986	15:06	0.3	17.7	9.6	2078

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1986	8	42	4		206	41	16.412	73	58.1	10/22/1986	17:15	0.3	17.7	8.3	2415
1986	8	46	4		198	41	19.7	73	59	10/22/1986	16:50	0.3	17	8.6	580
1986	8	49	4		196	41	21.16	73	57.74	10/22/1986	16:23	0.3	16.5	8.8	241
1986	8	52	6		193	41	24.12	73	57.31	10/22/1986	15:50	0.3	16.7	9	240
1986	8	52	6		194	41	24.12	73	56.81	10/22/1986	16:01	0.3	16.6	8.8	240
1986	8	53	6		191	41	24.882	73	57.554	10/22/1986	15:36	0.3	16.8	9	224
1986	8	55	6		189	41	25.66	73	58.14	10/22/1986	15:24	0.3	16.7	9.2	220
1986	8	56	4		187	41	26.83	74	0.5	10/22/1986	14:54	0.3	17.4	9.9	219
1986	8	56	4		188	41	26.47	73	59.66	10/22/1986	15:10	0.3	16.8	9.3	215
1986	8	57	4		186	41	27.28	74	0.8	10/22/1986	14:39	0.3	18.1	9.5	253
1986	8	59	6		178	41	29.25	73	59.32	10/22/1986	14:04	0.3	16.1	10.8	234
1986	8	59	6		180	41	29.08	73	59.37	10/22/1986	14:17	0.3	15.9	10.5	254
1986	8	60	6		177	41	29.52	73	59.24	10/22/1986	13:48	0.3	16.1	10.3	233
1986	8	62	4		171	41	32.19	73	59.91	10/22/1986	13:19	0.3	16.5	9.4	215
1986	8	69	6		156	41	37.03	73	56.88	10/22/1986	12:43	0.3	16.1	9.8	252
1986	8	71	4		153	41	39.06	73	57.257	10/22/1986	12:27	0.3	15.3	9.9	196
1986	8	74	4		147	41	41.29	73	56.8	10/22/1986	12:07	0.3	15.1	10.2	195
1986	8	76	6		145					10/22/1986	11:43	0.3	14.9	9.6	199
1986	8	77	6		142	41	43.92	73	56.14	10/22/1986	11:30	0.3	14.8	9.8	193
1986	8	80	6		136					10/22/1986	11:00	0.3	14	9.7	199
1986	8	81	4		135	41	47.474	73	57.457	10/22/1986	10:36	0.3	14.3	10	190
1986	8	82	4		134	41	48.51	73	57.22	10/22/1986	10:18	0.3	13.9	10.1	188
1986	8	85	6		127	41	51.18	73	56.5	10/22/1986	10:01	0.3	13.1	9.3	189
1986	8	86	4		124	41	51.95	73	56.84	10/22/1986	9:20	0.3	12.8	10.2	184
1986	8	86	6		125	41	51.75	73	55.89	10/22/1986	9:47	0.3	13.1	9.6	189
1986	8	87	4		123	41	52.616	73	57.292	10/22/1986	8:34	0.3	12.7	9.8	184
1986	8	88	6		122	41	53.023	73	56.214	10/22/1986	8:21	0.3	13.1	9.3	189
1986	8	90	6		120	41	54.02	73	57.2	10/22/1986	7:57	0.3	12.8	9.6	196
1986	8	94	4		115	41	57.78	73	57.47	10/21/1986	17:12	0.3	13	10.4	186
1986	8	94	6		114	41	58.085	73	56.467	10/21/1986	16:58	0.3	13.1	11.6	190
1986	8	96	4		108	41	59.76	73	56.81	10/21/1986	16:41	0.3	12.8	11.5	184
1986	8	97	4		103	42	0.5	73	56.51	10/21/1986	16:30	0.3	12.8	11	183
1986	8	98	4		100	42	1.67	73	56.54	10/21/1986	16:08	0.3	12.8	10	181
1986	8	98	4		101	42	1.426	73	56.456	10/21/1986	16:19	0.3	12.4	11.1	183
1986	8	99	6		99	42	2.02	73	55.73	10/21/1986	15:53	0.3	12.6	10.2	182
1986	8	105	4		97	42	7.68	73	55.13	10/21/1986	15:29	0.3	15.1	10.4	183
1986	8	106	4		96	42	8.147	73	54.796	10/21/1986	15:17	0.3	12.5	10.1	188
1986	8	108	6		94	42	9.56	73	53.18	10/21/1986	15:04	0.3	13.2	10.5	186
1986	8	109	6		92	42	10.27	73	52.32	10/21/1986	14:44	0.3	13.8	11.8	187
1986	8	109	6		93	42	9.91	73	52.81	10/21/1986	14:55	0.3	14	10.8	185
1986	8	113	4		86	42	13.12	73	51.33	10/21/1986	14:00	0.3	13.2	10	205
1986	8	114	4		82	42	14.31	73	50.58	10/21/1986	13:39	0.3	13.4	9.9	209
1986	8	116	4		78					10/21/1986	13:19	0.3	12.4	9.9	212

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1986	8	119	6		72	42	16.82	73	47.28	10/21/1986	13:01	0.3	12.8	10	205
1986	8	121	6		67	42	18.82	73	46.89	10/21/1986	12:44	0.3	13.9	11.1	206
1986	8	122	6		64	42	19.9	73	46.8	10/21/1986	12:32	0.3	11.3	10.1	213
1986	8	124	6		57	42	21.28	73	47.32	10/21/1986	12:17	0.3	11.8	10.1	198
1986	8	125	6		52	42	22.39	73	47.45	10/21/1986	17:00	0.3	11.9	10.1	186
1986	8	128	6		43	42	25.02	73	46.62	10/21/1986	11:44	0.3	11.2	10.2	186
1986	8	129	6		38	42	26.05	73	46.82	10/21/1986	11:26	0.3	11.4	10.2	207
1986	8	133	4		29	42	29.09	73	47.273	10/21/1986	11:08	0.3	11.8	10.1	198
1986	8	134	4		27	42	30.17	73	46.88	10/21/1986	10:49	0.3	11.5	10.1	206
1986	8	134	4		28	42	30.027	73	46.913	10/21/1986	10:38	0.3	11.8	10.1	172
1986	8	139	6		14	42	34.34	73	45.02	10/21/1986	10:16	0.3	11.2	11.6	161
1986	9	15	6		263	40	54.252	73	55.961	11/3/1986	15:59	0.3	13.8	7.4	17089
1986	9	15	6		264	40	53.57	73	56.32	11/3/1986	15:46	0.3	14.3	7.8	21276
1986	9	20	6		258	40	57.73	73	53.661	11/3/1986	14:28	0.3	14	7.5	16381
1986	9	21	6		257	40	59.13	73	53.13	11/3/1986	14:06	0.3	14.2	7.3	16683
1986	9	24	6		253	41	1.169	73	52.711	11/3/1986	13:40	0.3	14.2	7.7	14049
1986	9	25	4		250	41	2.86	73	55.07	11/5/1986	11:45	0.3	10.8	9.7	11133
1986	9	25	4		270	41	2.783	73	55.05	11/5/1986	11:32	0.3	9.8	9.1	11407
1986	9	25	6		251	41	2.46	73	52.42	11/3/1986	13:00	0.3	14.5	7.6	12459
1986	9	25	6		251	41	2.46	73	52.42	11/5/1986	11:13	0.3	11	9	10810
1986	9	26	4		271	41	3.77	73	55.22	11/5/1986	12:15	0.3	10.2	9.8	11158
1986	9	26	4		283	41	8.34	73	54.4	11/5/1986	12:00	0.3	10.3	9.6	11131
1986	9	26	6		247	41	3.891	73	52.077	11/3/1986	12:31	0.3	14.5	8.8	11213
1986	9	27	4		245	41	4.19	73	55.21	11/5/1986	12:29	0.3	10	9.1	11075
1986	9	27	4		272	41	4.49	73	55.14	11/5/1986	12:42	0.3	10	9.3	11075
1986	9	28	6		243	41	5.683	73	52.214	11/3/1986	11:33	0.3	13.1	8.7	10933
1986	9	28	6		244	41	5.33	73	52.33	11/3/1986	11:54	0.3	12.8	8.8	10362
1986	9	28	6		243	41	5.683	73	52.214	11/6/1986	9:44	0.3	10.9	9.9	12190
1986	9	29	4		242	41	6.1	73	54.88	11/6/1986	10:10	0.3	10.8	11.3	11948
1986	9	30	4		241	41	7.14	73	54.77	11/6/1986	10:39	0.3	9.9	9.9	11379
1986	9	31	4		285	41	3.607	73	55.196	11/6/1986	11:05	0.3	9	8.9	11636
1986	9	32	4		239	41	8.81	73	54.6	11/6/1986	12:01	0.3	7	9.4	1793
1986	9	32	6		238	41	8.85	73	52.123	11/3/1986	10:53	0.3	13.2	8.8	10138
1986	9	32	6		269	41	9.445	73	52.243	11/3/1986	10:30	0.3	12.3	8.7	10352
1986	9	32	6		237	41	9.274	73	52.181	11/5/1986	10:25	0.3	11.5	9	9347
1986	9	32	6		269	41	9.445	73	52.243	11/5/1986	10:14	0.3	11.8	9	9678
1986	9	32	6		238	41	8.85	73	52.123	11/6/1986	9:11	0.3	10.8	10.8	11812
1986	9	33	6		236	41	9.79	73	52.202	11/3/1986	10:05	0.3	12.5	10.5	8999
1986	9	34	6		233	41	10.662	73	53.922	11/4/1986	12:21	0.3	14.2		
1986	9	35	4		229	41	10.59	73	56.41	11/4/1986	13:19	0.3	14.5	8.8	8721
1986	9	35	6		232	41	11.172	73	53.996	11/4/1986	11:57	0.3	13.8	8.8	8861
1986	9	35	6		274	41	11.17	73	53.71	11/4/1986	11:47	0.3	13.8	8.7	8861
1986	9	35	6		275	41	11.31	73	53.54	11/4/1986	11:39	0.3	13.9	8.7	8841

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1986	9	36	4		282	41	11.2	73	57.17	11/4/1986	14:05	0.3	14	8.8	7560
1986	9	36	6		276	41	12.17	73	53.51	11/4/1986	11:24	0.3	13.4	8.7	8942
1986	9	38	4		221	41	13.43	73	57.79	11/4/1986	15:40	0.3	15	8.7	8008
1986	9	38	4		222	41	12.979	73	57.867	11/4/1986	15:06	0.3	15.2	8.7	8340
1986	9	38	4		279	41	13.36	73	57.82	11/4/1986	14:48	0.3	14	8.8	7560
1986	9	38	4		280	41	13.4	73	57.81	11/4/1986	15:24	0.3	15	8.7	8008
1986	9	39	6		218	41	14.02	73	56.4	11/5/1986	9:19	0.3	13.8	9.2	7342
1986	9	40	6		213	41	14.64	73	57.15	11/4/1986	10:48	0.3	15.2	8.3	6378
1986	9	43	6		204	41	16.693	73	56.484	11/4/1986	9:49	0.3	14.5	8.2	5108
1986	9	44	6		201	41	17.74	73	56.87	11/4/1986	9:14	0.3	14.5	9.6	5046
1986	9	48	4		197	41	20.86	73	58.08	11/3/1986	12:34	0.3	14.9	9.4	4297
1986	9	49	4		196	41	21.16	73	57.74	11/3/1986	12:58	0.3	14.8	8.6	6002
1986	9	51	6		195	41	22.87	73	50.61	11/3/1986	13:26	0.3	14.9	8.6	4198
1986	9	52	6		194	41	24.12	73	56.81	11/3/1986	13:44	0.3	15.4	8.8	3358
1986	9	55	6		189	41	25.66	73	58.14	11/3/1986	14:14	0.3	14.5	9	2330
1986	9	56	4		187	41	26.83	74	0.5	11/3/1986	14:40	0.3	13.8	10.1	487
1986	9	56	4		188	41	26.47	73	59.66	11/3/1986	14:26	0.3	13.1	9.3	1402
1986	9	58	4		183	41	28.02	74	0.87	11/3/1986	15:07	0.3	11.1	10.2	572
1986	9	58	4		184	41	27.78	74	0.7	11/3/1986	14:53	0.3	13.5	9.8	1249
1986	9	59	6		178	41	29.25	73	59.32	11/3/1986	16:18	0.3	12.9	10.4	536
1986	9	59	6		181	41	29.04	73	59.33	11/3/1986	16:10	0.3	13.2	9.9	602
1986	9	63	6		167	41	32.41	73	58.61	11/6/1986	12:04	0.3	10.1	10.5	262
1986	9	64	6		165	41	32.66	73	58.52	11/6/1986	11:44	0.3	10.5	10.8	369
1986	9	69	6		156	41	37.03	73	56.88	11/6/1986	13:04	0.3	11.5	9.8	222
1986	9	69	6		157	41	36.97	73	56.85	11/6/1986	12:47	0.3	10.4	10	318
1986	9	74	6		149	41	41.064	73	56.289	11/5/1986	15:27	0.3	11.8	9.7	203
1986	9	77	6		141	41	44.46	73	56.21	11/5/1986	14:34	0.3	11.3	9.9	204
1986	9	77	6		143	41	43.83	73	56.16	11/5/1986	14:54	0.3	10.1	9.4	209
1986	9	80	6		137	41	46.14	73	56.82	11/5/1986	14:19	0.3	11	9.9	205
1986	9	81	4		135	41	47.474	73	57.457	11/5/1986	13:28	0.3	10.4	10.1	204
1986	9	85	6		127	41	51.18	73	56.5	11/5/1986	13:05	0.3	10.2	9.9	204
1986	9	86	4		126	41	51.44	73	56.97	11/5/1986	12:46	0.3	8.4	10.4	203
1986	9	87	4		123	41	52.616	73	57.292	11/5/1986	12:13	0.3	8.4	10.9	202
1986	9	88	6		122	41	53.023	73	56.214	11/5/1986	11:56	0.3	9.1	10.4	208
1986	9	89	6		121	41	53.84	73	57.04	11/5/1986	11:31	0.3	9.9	10.2	201
1986	9	90	6		120	41	54.02	73	57.2	11/5/1986	11:10	0.3	9.1	10.4	205
1986	9	94	4		113	41	58.38	73	57.25	11/5/1986	9:56	0.3	8.8	10.4	193
1986	9	94	4		115	41	57.78	73	57.47	11/5/1986	10:16	0.3	9.1	10.2	205
1986	9	94	6		114	41	58.085	73	56.467	11/5/1986	8:05	0.3	9.2	10	198
1986	9	95	4		111	41	59.083	73	57.079	11/5/1986	9:37	0.3	8.6	10.8	196
1986	9	96	4		105	42	0.22	73	56.65	11/5/1986	8:58	0.3	8.8	10.4	201
1986	9	96	4		108	41	59.76	73	56.81	11/5/1986	9:16	0.3	9.1	10.4	197
1986	9	96	6		106	42	59.99	73	55.94	11/5/1986	8:31	0.3	8.9	9.9	202

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1986	9	99	6		99	42	2.02	73	55.73	11/4/1986	16:12	0.3	10	10.5	194
1986	9	105	4		98	42	7.33	73	55.3	11/4/1986	15:46	0.3	10	11.1	197
1986	9	107	4		95	42	8.94	73	54.32	11/4/1986	15:27	0.3	9.9	10.3	197
1986	9	109	6		92	42	10.27	73	52.32	11/4/1986	15:06	0.3	10	11	201
1986	9	109	6		93	42	9.91	73	52.81	11/4/1986	15:15	0.3	10.1	11	199
1986	9	111	6		89					11/4/1986	14:48	0.3	10.5	11.7	200
1986	9	114	4		81	42	14.39	73	50.549	11/4/1986	13:58	0.3	10.1	10.3	206
1986	9	114	4		83	42	14.26	73	50.71	11/4/1986	14:12	0.3	10.2	10.1	207
1986	9	117	4		76	42	15.84	73	47.69	11/4/1986	13:39	0.3	11.3	11.1	204
1986	9	119	6		69	42	17.29	73	46.78	11/4/1986	13:02	0.3	10	10.9	205
1986	9	121	4		65	42	19.307	73	47.217	11/4/1986	12:45	0.3	10.5	10.3	204
1986	9	123	4		60	42	20.64	73	47.39	11/4/1986	12:26	0.3	10.3	10	206
1986	9	127	4		46	42	24.35	73	47.08	11/4/1986	12:03	0.3	10	9.9	206
1986	9	129	6		38	42	26.05	73	46.82	11/4/1986	11:45	0.3	10	10	209
1986	9	130	4		37	42	26.76	73	47.22	11/4/1986	11:27	0.3	9.7	10.2	216
1986	9	132	4		32	42	28.13	73	47.21	11/4/1986	11:06	0.3	9.8	9.6	213
1986	9	134	4		27	42	30.17	73	46.88	11/4/1986	10:42	0.3	9.4	10.4	167
1986	9	139	6		17	42	34.22	73	45.02	11/4/1986	10:11	0.3	9.5	10.4	995
1986	9	145	6		5	42	39.19	73	44.41	11/4/1986	9:43	0.3	9	10.6	170
1986	10	14	4		266	40	52.925	73	56.648	11/18/1986	12:04	0.3	10.1	8.9	14914
1986	10	15	4		263	40	54.252	73	55.961	11/18/1986	11:40	0.3	9.7	9.4	11575
1986	10	18	4		260	40	56.889	73	55.1	11/18/1986	11:15	0.3	9.8	9.8	9181
1986	10	21	6		257	40	59.13	73	53.13	11/18/1986	10:46	0.3	9.5	9.5	9109
1986	10	22	6		256	40	59.97	73	53.05	11/18/1986	10:26	0.3	9.7	9.6	9344
1986	10	25	4		250	41	2.86	73	55.07	11/18/1986	13:25	0.3	8.9	10.5	5135
1986	10	25	4		270	41	2.783	73	55.05	11/18/1986	13:06	0.3	8.8	10.4	5277
1986	10	25	6		251	41	2.46	73	52.42	11/18/1986	9:49	0.3	9.2	9.8	6156
1986	10	26	4		271	41	3.77	73	55.22	11/18/1986	13:54	0.3	8.6	10.4	5389
1986	10	26	4		283	41	8.34	73	54.4	11/18/1986	13:41	0.3	8.8	10.9	5419
1986	10	26	6		247	41	3.891	73	52.077	11/18/1986	9:02	0.3	9.2	10.1	5224
1986	10	26	6		248	41	3.273	73	52.221	11/18/1986	9:25	0.3	9.2	10.1	5154
1986	10	27	4		245	41	4.19	73	55.21	11/18/1986	14:08	0.3	8.4	10.5	5158
1986	10	28	6		243	41	5.683	73	52.214	11/18/1986	8:30	0.3	8.8	10.3	3622
1986	10	28	6		244	41	5.33	73	52.33	11/18/1986	8:44	0.3	8.8	10.3	3765
1986	10	28	6		243	41	5.683	73	52.214	11/20/1986	11:08	0.3	6.2	10.5	4701
1986	10	29	4		242	41	6.1	73	54.88	11/18/1986	14:48	0.3	8.9	10.6	4410
1986	10	30	4		241	41	7.14	73	54.77	11/18/1986	15:04	0.3	9	10.6	4214
1986	10	30	4		241	41	7.14	73	54.77	11/20/1986	12:04	0.3	6.4	11	2915
1986	10	31	4		285	41	3.607	73	55.196	11/18/1986	15:22	0.3	9	10.3	3689
1986	10	32	4		239	41	8.81	73	54.6	11/18/1986	15:54	0.3	9.4	10.2	3147
1986	10	32	4		240	41	8.48	73	54.42	11/18/1986	15:36	0.3	9	10.5	3831
1986	10	32	4		240	41	8.48	73	54.42	11/20/1986	12:20	0.3	7.1	11.1	2801
1986	10	32	6		237	41	9.274	73	52.181	11/18/1986	7:57	0.3	9.2	10.2	2301

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1986	10	32	6		238	41	8.85	73	52.123	11/18/1986	8:08	0.3	8.9	10.2	2689
1986	10	32	6		269	41	9.445	73	52.243	11/18/1986	7:47	0.3	9.2	10.2	2570
1986	10	32	6		237	41	9.274	73	52.181	11/20/1986	10:38	0.3	7	10.6	2868
1986	10	33	6		236	41	9.79	73	52.202	11/18/1986	7:33	0.3	8.6	10.5	2609
1986	10	34	6		233	41	10.662	73	53.922	11/20/1986	10:15	0.3	6.8	10.3	1472
1986	10	35	4		229	41	10.59	73	56.41	11/20/1986	13:02	0.3	8	10.5	975
1986	10	35	4		230	41	10.59	73	56.39	11/20/1986	12:49	0.3	8.8	10.4	1269
1986	10	35	6		231	41	11.23	73	53.69	11/20/1986	9:50	0.3	6.1	10.7	1423
1986	10	35	6		274	41	11.17	73	53.71	11/20/1986	9:58	0.3	5.5	11	1400
1986	10	35	6		275	41	11.31	73	53.54	11/20/1986	9:40	0.3	6.5	10.5	1484
1986	10	36	4		227	41	11.02	73	57.41	11/20/1986	13:29	0.3	8.1	10.5	842
1986	10	36	4		281	41	11.13	73	57.16	11/20/1986	13:43	0.3	8.2	10.5	1014
1986	10	36	4		282	41	11.2	73	57.17	11/20/1986	14:00	0.3	8	10.6	1019
1986	10	36	6		228	41	12.25	73	53.5	11/20/1986	9:22	0.3	7.3	10.5	1556
1986	10	38	4		221	41	13.43	73	57.79	11/20/1986	15:03	0.3	9.5	10.2	712
1986	10	38	4		222	41	12.979	73	57.867	11/20/1986	14:50	0.3	9.4	10.2	660
1986	10	38	4		223	41	12.89	73	57.806	11/20/1986	14:25	0.3	9.2	10.2	565
1986	10	38	4		278	41	12.96	73	57.828	11/20/1986	14:37	0.3	9.1	10	599
1986	10	39	6		217	41	14.098	73	56.682	11/20/1986	8:45	0.3	8.3	10.2	647
1986	10	40	6		210	41	14.87	73	57.74	11/20/1986	8:27	0.3	9	10.6	497
1986	10	42	4		206	41	16.412	73	58.1	11/21/1986	10:48	0.3	7.8	10.9	651
1986	10	42	6		207	41	15.3	73	57.8	11/21/1986	11:02	0.3	15.2	9.8	305
1986	10	46	6		199	41	19.42	73	58.77	11/21/1986	10:24	0.3	8.2	10.8	237
1986	10	49	4		196	41	21.16	73	57.74	11/21/1986	9:58	0.3	8.2	12.4	200
1986	10	52	6		194	41	24.12	73	56.81	11/17/1986	9:51	0.3	9.2	11.1	199
1986	10	53	4		192	41	24.19	73	57.95	11/17/1986	10:09	0.3	9.1	10.1	201
1986	10	53	6		191	41	24.882	73	57.554	11/17/1986	10:29	0.3	9.1	9.9	207
1986	10	55	4		189	41	25.66	73	58.14	11/17/1986	10:49	0.3	9.1	10.2	198
1986	10	56	4		187	41	26.83	74	0.5	11/17/1986	11:16	0.3	9.1	10.3	204
1986	10	56	4		188	41	26.47	73	59.66	11/17/1986	11:03	0.3	8.8	10.3	198
1986	10	57	4		186	41	27.28	74	0.8	11/17/1986	11:51	0.3	7.2	10.9	285
1986	10	58	4		183	41	28.02	74	0.87	11/17/1986	12:14	0.3	7.5	10.8	267
1986	10	58	4		184	41	27.78	74	0.7	11/17/1986	12:01	0.3	7.9	11.1	290
1986	10	60	6		178	41	29.25	73	59.32	11/17/1986	13:13	0.3	7.8	11	222
1986	10	62	4		171	41	32.19	73	59.91	11/17/1986	12:49	0.3	8.8	10.1	194
1986	10	62	4		173	41	31.59	74	0.28	11/17/1986	12:35	0.3	8.9	10.5	198
1986	10	64	6		165	41	32.66	73	58.52	11/19/1986	10:56	0.3	6	13.2	203
1986	10	69	6		156	41	37.03	73	56.88	11/19/1986	12:07	0.3	7.2	10.5	210
1986	10	69	6		157	41	36.97	73	56.85	11/19/1986	11:36	0.3	6.5	11.2	250
1986	10	80	6		137	41	46.14	73	56.82	11/20/1986	14:42	0.3	3.8	12.4	209
1986	10	81	4		135	41	47.474	73	57.457	11/20/1986	14:06	0.3	4.2	12.3	211
1986	10	81	6		136					11/20/1986	14:22	0.3	4	12.5	209
1986	10	82	4		134	41	48.51	73	57.22	11/20/1986	13:47	0.3	4.2	12.4	242

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1986	10	85	4		128					11/20/1986	13:24	0.3	3.9	12.4	231
1986	10	88	6		122	41	53.023	73	56.214	11/20/1986	12:47	0.3	4	12.2	229
1986	10	89	6		121	41	53.84	73	57.04	11/20/1986	11:25	0.3	4.1	12.1	219
1986	10	90	6		120	41	54.02	73	57.2	11/20/1986	12:00	0.3	4.1	12.3	259
1986	10	93	4		116	41	57.05	73	57.77	11/20/1986	8:30	0.3	4	10.8	240
1986	10	94	4		113	41	58.38	73	57.25	11/20/1986	9:19	0.3	3.9	11.9	231
1986	10	94	4		115	41	57.78	73	57.47	11/20/1986	9:04	0.3	4.1	11.9	212
1986	10	94	6		114	41	58.085	73	56.467	11/20/1986	11:34	0.3	4	12.1	245
1986	10	95	6		112	41	58.238	73	56.123	11/20/1986	11:08	0.3	4.2	11.9	258
1986	10	96	4		105	42	0.22	73	56.65	11/20/1986	9:54	0.3	3.8	12	248
1986	10	96	4		110	41	59.4	73	56.94	11/20/1986	9:38	0.3	3.9	12.3	262
1986	10	96	6		109	41	59.43	73	56.012	11/20/1986	10:54	0.3	4	12.1	260
1986	10	97	4		103	42	0.5	73	56.51	11/20/1986	10:13	0.3	3.9	12.1	241
1986	10	99	6		99	42	2.02	73	55.73	11/20/1986	10:35	0.3	3.9	12.3	244
1986	10	107	4		95	42	8.94	73	54.32	11/19/1986	15:58	0.3	4.8	12.1	303
1986	10	108	6		94	42	9.56	73	53.18	11/19/1986	14:29	0.3	4.3	12.5	303
1986	10	109	6		92	42	10.27	73	52.32	11/19/1986	14:06	0.3	4	12.1	312
1986	10	111	6		89					11/19/1986	13:49	0.3	4	12.3	322
1986	10	113	6		87	42	13.32	73	50.85	11/19/1986	13:39	0.3	4.1	12.3	505
1986	10	114	4		81	42	14.39	73	50.549	11/19/1986	13:05	0.3	4.3	12.2	288
1986	10	114	4		82	42	14.31	73	50.58	11/19/1986	13:13	0.3	4.5	12.2	280
1986	10	118	4		74	42	16.42	73	47.92	11/19/1986	12:46	0.3	4.3	12.2	288
1986	10	121	6		66	42	19.33	73	46.85	11/19/1986	12:30	0.3	3.8	11.7	242
1986	10	122	4		63	42	19.84	73	47.18	11/19/1986	12:18	0.3	4	12.1	213
1986	10	126	4		48	42	23.65	73	47.38	11/19/1986	11:45	0.3	3.9	12	241
1986	10	126	4		49	42	23.4	73	47.52	11/19/1986	11:57	0.3	3.9	12	217
1986	10	129	6		38	42	26.05	73	46.82	11/19/1986	10:51	0.3	3.9	11.9	241
1986	10	129	6		39	42	25.879	73	46.76	11/19/1986	11:18	0.3	3.6	12.2	246
1986	10	129	6		42	42	25.226	73	46.523	11/19/1986	11:34	0.3	4.1	12.2	230
1986	10	132	4		32	42	28.13	73	47.21	11/19/1986	10:32	0.3	4	12.1	338
1986	10	138	4		23	42	33.14	73	45.46	11/19/1986	10:00	0.3	4	13	276
1987	1	12	4		268					6/24/1987	11:17	0.3	23.2	7.8	21708
1987	1	14	4		265					6/24/1987	10:54	0.3	23.5	7.6	18698
1987	1	15	4		263	40	54.252	73	55.961	6/24/1987	10:40	0.3	23.2	8	17573
1987	1	20	6		258	40	57.73	73	53.661	6/24/1987	11:47	0.3	23.2	7.3	18607
1987	1	24	6		252	41	2.057	73	52.505	6/24/1987	12:16	0.3	24.1	8.4	15221
1987	1	24	6		253	41	1.169	73	52.711	6/24/1987	12:04	0.3	24.2	8.3	16101
1987	1	25	4		250	41	2.86	73	55.07	6/24/1987	9:46	0.3	24.1	7.6	13191
1987	1	25	4		270	41	2.783	73	55.05	6/24/1987	9:55	0.3	24	8.6	13218
1987	1	25	4		284	41	2.57	73	54.94	6/24/1987	10:06	0.3	24.5	7.9	13284
1987	1	25	6		251	41	2.46	73	52.42	6/24/1987	12:27	0.3	24.5	8.2	14693
1987	1	26	4		271	41	3.77	73	55.22	6/24/1987	9:25	0.3	23.6	7.4	13328
1987	1	26	4		283	41	8.34	73	54.4	6/24/1987	9:36	0.3	23.8	8	13069

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1987	1	26	6		247	41	3.891	73	52.077	6/24/1987	12:57	0.3	25	9	14145
1987	1	26	6		248	41	3.273	73	52.221	6/24/1987	12:48	0.3	25	8.8	14742
1987	1	26	6		249	41	2.67	73	52.3	6/24/1987	12:39	0.3	25	8.5	13946
1987	1	27	4		245	41	4.19	73	55.21	6/24/1987	9:16	0.3	23.8	8	13171
1987	1	27	4		272	41	4.49	73	55.14	6/24/1987	13:23	0.3	25.9	10.1	12713
1987	1	28	6		243	41	5.683	73	52.214	6/24/1987	14:04	0.3	26	11	12590
1987	1	28	6		244	41	5.33	73	52.33	6/24/1987	13:38	0.3	26	10.1	12882
1987	1	29	4		242	41	6.1	73	54.88	6/24/1987	8:59	0.3	24	7.8	12202
1987	1	30	4		241	41	7.14	73	54.77	6/24/1987	8:48	0.3	24	8.6	11185
1987	1	31	4		285	41	3.607	73	55.196	6/24/1987	14:17	0.3	27.2	11	12571
1987	1	32	4		239	41	8.81	73	54.6	6/24/1987	8:34	0.3	24	8.7	11185
1987	1	32	4		240	41	8.48	73	54.42	6/24/1987	8:07	0.3	24	8	9660
1987	1	32	4		240	41	8.48	73	54.42	6/24/1987	8:25	0.3	23.8	7.4	11231
1987	1	32	6		237	41	9.274	73	52.181	6/24/1987	14:51	0.3	26.4	10.6	11035
1987	1	32	6		238	41	8.85	73	52.123	6/24/1987	14:39	0.3	26.4	10.8	10842
1987	1	32	6		269	41	9.445	73	52.243	6/24/1987	15:00	0.3	26.9	10.1	10540
1987	1	33	6		236	41	9.79	73	52.202	6/24/1987	15:12	0.3	26.9	10.9	10923
1987	1	34	6		235	41	10.632	73	52.59	6/24/1987	15:30	0.3	27.8	15.9	10914
1987	1	35	6		231	41	11.23	73	53.69	6/24/1987	16:10	0.3	27.4	14.2	10339
1987	1	35	6		232	41	11.172	73	53.996	6/24/1987	15:54	0.3	25.5	12.4	10550
1987	1	35	6		274	41	11.17	73	53.71	6/24/1987	16:26	0.3	27.9	14	10328
1987	1	35	6		275	41	11.31	73	53.54	6/24/1987	16:38	0.3	28.9	13.8	10213
1987	1	36	4		226	41	11.8	73	57.5	6/24/1987	7:36	0.3	23.8	7.8	9699
1987	1	36	4		227	41	11.02	73	57.41	6/24/1987	7:57	0.3	24	7.4	9660
1987	1	36	4		281	41	11.13	73	57.16	6/24/1987	7:46	0.3	23.8	7.9	9393
1987	1	36	6		228	41	12.25	73	53.5	6/24/1987	17:26	0.3	26.8	10.9	9602
1987	1	36	6		276	41	12.17	73	53.51	6/24/1987	16:53	0.3	27.5	14.2	9655
1987	1	38	4		222	41	12.979	73	57.867	6/24/1987	7:21	0.3	23	7.6	8512
1987	1	38	4		280	41	13.4	73	57.81	6/24/1987	7:08	0.3	23.2	7.8	8477
1987	1	38	6		220					6/24/1987	17:14	0.3	27.8	11	9408
1987	1	40	6		212					6/24/1987	17:49	0.3	27	9.2	8511
1987	1	40	6		213	41	14.64	73	57.15	6/24/1987	17:40	0.3	25.9	11.5	8606
1987	1	42	4		206	41	16.412	73	58.1	6/26/1987	11:03	0.3	24	10.5	6609
1987	1	42	6		207	41	15.3	73	57.8	6/24/1987	18:03	0.3	26.2	8.4	6318
1987	1	43	6		203	41	16.91	73	56.26	6/24/1987	18:14	0.3	25.9	9.6	4890
1987	1	49	4		196	41	21.16	73	57.74	6/26/1987	10:38	0.3	22.8	8.6	2814
1987	1	52	6		194	41	24.12	73	56.81	6/26/1987	10:19	0.3	23	7.7	1972
1987	1	53	4		192	41	24.19	73	57.95	6/26/1987	10:08	0.3	23	7.8	1765
1987	1	53	6		191	41	24.882	73	57.554	6/26/1987	9:54	0.3	22.9	8.2	2028
1987	1	55	6		189	41	25.66	73	58.14	6/26/1987	9:42	0.3	23.1	7.9	1502
1987	1	56	4		187	41	26.83	74	0.5	6/26/1987	9:28	0.3	22.1	8.6	1163
1987	1	57	4		185	41	27.68	74	0.73	6/26/1987	9:16	0.3	22.2	9.2	1108
1987	1	58	4		184	41	27.78	74	0.7	6/26/1987	9:06	0.3	22.2	9.1	1161

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1987	1	59	6		179	41	29.24	73	59.34	6/26/1987	8:44	0.3	23.5	7.1	1336
1987	1	59	6		180	41	29.08	73	59.37	6/26/1987	8:32	0.3	23.5	5.8	1356
1987	1	60	6		178	41	29.25	73	59.32	6/26/1987	8:20	0.3	23.8	5.8	1378
1987	1	63	6		169	41	32.07	73	58.83	6/25/1987	19:05	0.3	26.5	9.8	966
1987	1	66	4		160	41	34.777	73	57.753	6/25/1987	18:48	0.3	26.5	7.5	309
1987	1	71	4		153	41	39.06	73	57.257	6/25/1987	18:24	0.3	23.5	6.8	267
1987	1	74	4		147	41	41.29	73	56.8	6/25/1987	18:03	0.3	24.5	7.6	262
1987	1	76	4		144					6/25/1987	17:50	0.3	24	7.3	285
1987	1	81	4		135	41	47.474	73	57.457	6/25/1987	17:21	0.3	23.9	7.2	267
1987	1	82	4		134	41	48.51	73	57.22	6/25/1987	17:01	0.3	24	7.4	275
1987	1	83	4		131	41	49.33	73	57.31	6/25/1987	16:31	0.3	25	8.3	247
1987	1	83	4		133	41	48.74	73	57.19	6/25/1987	16:43	0.3	24.5	7.5	277
1987	1	85	6		127	41	51.18	73	56.5	6/25/1987	16:11	0.3	26.4	8.5	246
1987	1	86	4		126	41	51.44	73	56.97	6/25/1987	15:48	0.3	26.5	10.5	266
1987	1	89	6		121	41	53.84	73	57.04	6/25/1987	15:30	0.3	25.8	7.8	274
1987	1	90	6		120	41	54.02	73	57.2	6/25/1987	15:19	0.3	24.9	7.8	270
1987	1	91	6		119	41	55.847	73	56.774	6/25/1987	15:04	0.3	25.9	8.1	274
1987	1	93	4		116	41	57.05	73	57.77	6/25/1987	14:47	0.3	25.6	8.7	271
1987	1	95	6		112	41	58.238	73	56.123	6/25/1987	14:30	0.3	25.5	8.2	276
1987	1	96	4		105	42	0.22	73	56.65	6/25/1987	13:27	0.3	27.2	8.6	271
1987	1	96	4		108	41	59.76	73	56.81	6/25/1987	13:37	0.3	28.8	8.3	267
1987	1	96	4		110	41	59.4	73	56.94	6/25/1987	13:46	0.3	27.1	9.1	267
1987	1	96	6		106	42	59.99	73	55.94	6/25/1987	14:02	0.3	25	8.2	274
1987	1	96	6		107	41	59.89	73	55.93	6/25/1987	14:15	0.3	26.5	8.6	270
1987	1	98	4		100	42	1.67	73	56.54	6/25/1987	13:03	0.3	25.5	9.1	266
1987	1	98	4		101	42	1.426	73	56.456	6/25/1987	13:13	0.3	25.8	8.6	269
1987	1	105	4		97	42	7.68	73	55.13	6/25/1987	12:36	0.3	25.5	8.8	256
1987	1	107	4		95	42	8.94	73	54.32	6/25/1987	12:20	0.3	25	8.2	254
1987	1	109	6		93	42	9.91	73	52.81	6/25/1987	11:51	0.3	25.5	9	256
1987	1	112	4		88	42	12.69	73	51.26	6/25/1987	10:57	0.3	26.2	9.7	272
1987	1	114	4		82	42	14.31	73	50.58	6/25/1987	10:40	0.3	25.5	8.9	246
1987	1	117	4		76	42	15.84	73	47.69	6/25/1987	10:18	0.3	26.1	10.1	243
1987	1	119	4		72	42	16.82	73	47.28	6/25/1987	10:06	0.3	25.9	6.8	244
1987	1	121	4		65	42	19.307	73	47.217	6/25/1987	9:33	0.3	25.2	6.8	248
1987	1	121	6		66	42	19.33	73	46.85	6/25/1987	9:43	0.3	25.4	6.6	247
1987	1	121	6		67	42	18.82	73	46.89	6/25/1987	9:53	0.3	25.6	8.6	250
1987	1	122	6		62	42	20.105	73	46.848	6/25/1987	9:20	0.3	24.9	7.3	250
1987	1	127	4		46	42	24.35	73	47.08	6/25/1987	8:57	0.3	25	5.7	274
1987	1	128	4		44	42	25	73	46.99	6/25/1987	8:45	0.3	25	5.4	274
1987	1	128	6		43	42	25.02	73	46.62	6/25/1987	8:33	0.3	23.8	5.5	260
1987	1	129	6		39	42	25.879	73	46.76	6/25/1987	8:23	0.3	24.2	6.4	275
1987	1	132	4		32	42	28.13	73	47.21	6/25/1987	8:07	0.3	24.2	6.2	263
1987	1	137	6		24	42	32.262	73	45.288	6/25/1987	7:43	0.3	23.8	6.7	255

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1987	1	139	4		16	42	34.31	73	45.21	6/25/1987	7:52	0.3	24	7.4	224
1987	2	12	4		268					7/6/1987	15:49	0.3	25	9.2	13946
1987	2	14	4		265					7/6/1987	15:28	0.3	25	9.2	11455
1987	2	18	4		260	40	56.889	73	55.1	7/6/1987	15:13	0.3	25	9.5	10957
1987	2	20	6		258	40	57.73	73	53.661	7/6/1987	15:00	0.3	25	9.8	11953
1987	2	21	6		257	40	59.13	73	53.13	7/6/1987	14:42	0.3	25	9.9	11455
1987	2	24	6		252	41	2.057	73	52.505	7/6/1987	14:13	0.3	25	9.6	10061
1987	2	24	6		253	41	1.169	73	52.711	7/6/1987	14:24	0.3	25.5	9.6	9850
1987	2	25	4		250	41	2.86	73	55.07	7/6/1987	16:56	0.3	27	9.6	8702
1987	2	25	4		270	41	2.783	73	55.05	7/6/1987	16:48	0.3	27	9.8	8606
1987	2	25	4		284	41	2.57	73	54.94	7/6/1987	16:36	0.3	27.5	10	8709
1987	2	25	6		251	41	2.46	73	52.42	7/6/1987	13:59	0.3	25	9	7969
1987	2	26	4		246	41	3.6	73	55.2	7/6/1987	17:16	0.3	27	9	8415
1987	2	26	4		271	41	3.77	73	55.22	7/6/1987	17:25	0.3	27	9	8415
1987	2	26	4		283	41	8.34	73	54.4	7/6/1987	17:07	0.3	27	9	8606
1987	2	26	6		247	41	3.891	73	52.077	7/6/1987	13:18	0.3	25	8.5	8965
1987	2	26	6		248	41	3.273	73	52.221	7/6/1987	13:34	0.3	25.5	9	8874
1987	2	26	6		249	41	2.67	73	52.3	7/6/1987	13:45	0.3	26.5	12.4	8018
1987	2	27	4		245	41	4.19	73	55.21	7/6/1987	17:44	0.3	27	8.5	8367
1987	2	27	4		272	41	4.49	73	55.14	7/6/1987	17:55	0.3	26.5	9	8211
1987	2	28	6		243	41	5.683	73	52.214	7/6/1987	12:41	0.3	26.5	12	8501
1987	2	28	6		244	41	5.33	73	52.33	7/6/1987	13:02	0.3	25	8.5	6973
1987	2	29	4		242	41	6.1	73	54.88	7/6/1987	18:10	0.3	25.5	9.1	7395
1987	2	30	4		241	41	7.14	73	54.77	7/6/1987	18:21	0.3	26.5	9.9	7245
1987	2	31	4		285	41	3.607	73	55.196	7/6/1987	18:37	0.3	25	8.5	6973
1987	2	32	4		239	41	8.81	73	54.6	7/6/1987	18:45	0.3	25.5	8.1	6902
1987	2	32	6		237	41	9.274	73	52.181	7/6/1987	12:03	0.3	25.5	8.6	7592
1987	2	32	6		238	41	8.85	73	52.123	7/6/1987	12:15	0.3	24.5	8.2	7950
1987	2	32	6		269	41	9.445	73	52.243	7/6/1987	11:45	0.3	25.5	8.8	7691
1987	2	33	6		236	41	9.79	73	52.202	7/6/1987	11:23	0.3	25.5	9.6	7789
1987	2	34	6		233	41	10.662	73	53.922	7/6/1987	10:48	0.3	25	8.4	6873
1987	2	34	6		234	41	10.19	73	53.93	7/6/1987	11:05	0.3	24.9	8.2	7187
1987	2	35	4		229	41	10.59	73	56.41	7/9/1987	11:28	0.3	25.5	7.2	7888
1987	2	35	4		230	41	10.59	73	56.39	7/9/1987	11:38	0.3	25	8.4	8168
1987	2	35	4		277	41	10.95	73	57.06	7/9/1987	11:09	0.3	25.5	8	7888
1987	2	35	6		232	41	11.172	73	53.996	7/6/1987	10:35	0.3	25.5	8.2	5916
1987	2	35	6		275	41	11.31	73	53.54	7/6/1987	10:22	0.3	25	7.8	5080
1987	2	36	4		227	41	11.02	73	57.41	7/9/1987	10:55	0.3	25.5	7.8	8381
1987	2	36	4		281	41	11.13	73	57.16	7/9/1987	10:43	0.3	25	6	8467
1987	2	36	6		228	41	12.25	73	53.5	7/6/1987	9:57	0.3	25	7.7	7272
1987	2	36	6		276	41	12.17	73	53.51	7/6/1987	10:10	0.3	25	7.7	7272
1987	2	38	4		221	41	13.43	73	57.79	7/9/1987	10:11	0.3	25	7.1	7770
1987	2	38	4		222	41	12.979	73	57.867	7/9/1987	10:24	0.3	25	7.4	7969

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1987	2	38	6		220					7/6/1987	9:40	0.3	25	7.7	6873
1987	2	40	6		213	41	14.64	73	57.15	7/9/1987	9:57	0.3	25	6.8	6176
1987	2	41	4		209	41	14.97	73	58	7/9/1987	9:41	0.3	25	6.7	6076
1987	2	43	6		204	41	16.693	73	56.484	7/9/1987	9:19	0.3	24	6.8	5084
1987	2	44	6		201	41	17.74	73	56.87	7/8/1987	15:53	0.3	26.5	8.2	
1987	2	46	6		199	41	19.42	73	58.77	7/8/1987	15:35	0.3	25	7.5	
1987	2	49	4		196	41	21.16	73	57.74	7/8/1987	15:08	0.3	24	7	
1987	2	52	6		193	41	24.12	73	57.31	7/8/1987	14:45	0.3	24	6.8	
1987	2	53	4		192	41	24.19	73	57.95	7/8/1987	14:22	0.3	23.5	7	
1987	2	54	6		190	41	24.961	73	57.702	7/8/1987	14:07	0.3	25	7.6	
1987	2	55	6		189	41	25.66	73	58.14	7/8/1987	13:50	0.3	24.5	4.3	
1987	2	56	4		188	41	26.47	73	59.66	7/8/1987	13:33	0.3	24	7.2	
1987	2	57	4		185	41	27.68	74	0.73	7/8/1987	12:50	0.3	24	8.9	
1987	2	57	4		186	41	27.28	74	0.8	7/8/1987	13:07	0.3	26.5	7.9	
1987	2	58	4		184	41	27.78	74	0.7	7/8/1987	12:33	0.3	24	9	
1987	2	59	6		179	41	29.24	73	59.34	7/8/1987	12:10	0.3	23.5	7	
1987	2	60	6		177	41	29.52	73	59.24	7/8/1987	11:49	0.3	23	4.5	
1987	2	62	4		171	41	32.19	73	59.91	7/8/1987	11:20	0.3	24	7.5	
1987	2	63	6		168	41	32.3	73	58.633	7/8/1987	10:57	0.3	23.5	7.2	
1987	2	64	4		164	41	33.37	73	59.18	7/8/1987	10:28	0.3	24	7.5	386
1987	2	69	4		155	41	37.44	73	57.43	7/8/1987	9:40	0.3	23.5	7.9	257
1987	2	69	6		156	41	37.03	73	56.88	7/8/1987	9:58	0.3	23.5	6.6	267
1987	2	81	4		135	41	47.474	73	57.457	7/7/1987	19:44	0.3	23	7	260
1987	2	82	4		134	41	48.51	73	57.22	7/7/1987	19:33	0.3	23	7.5	254
1987	2	83	4		133	41	48.74	73	57.19	7/7/1987	19:23	0.3	23.5	7.9	252
1987	2	84	4		129	41	50.61	73	57.28	7/7/1987	19:08	0.3	23	7.1	254
1987	2	85	6		127	41	51.18	73	56.5	7/7/1987	18:56	0.3	23.5	7.3	252
1987	2	89	4		121	41	53.84	73	57.04	7/7/1987	18:31	0.3	23	7.5	254
1987	2	90	4		120	41	54.02	73	57.2	7/7/1987	18:18	0.3	23	7.4	260
1987	2	92	4		118	41	56.32	73	58.1	7/7/1987	17:45	0.3	22.5	7.7	399
1987	2	93	4		116	41	57.05	73	57.77	7/7/1987	17:27	0.3	23.5	7.4	252
1987	2	93	6		117	41	57.036	73	56.721	7/7/1987	18:01	0.3	23	8	260
1987	2	94	4		115	41	57.78	73	57.47	7/7/1987	17:15	0.3	23	7.9	249
1987	2	95	4		111	41	59.083	73	57.079	7/7/1987	16:45	0.3	23	7.9	249
1987	2	95	6		112	41	58.238	73	56.123	7/7/1987	16:10	0.3	23.5	7.6	247
1987	2	96	4		108	41	59.76	73	56.81	7/7/1987	16:34	0.3	23.5	8	245
1987	2	97	6		104	42	0.26	73	55.792	7/7/1987	15:48	0.3	23	7.9	260
1987	2	98	4		100	42	1.67	73	56.54	7/7/1987	15:17	0.3	23	8.3	244
1987	2	98	4		101	42	1.426	73	56.456	7/7/1987	15:32	0.3	23.5	8.2	241
1987	2	99	6		99	42	2.02	73	55.73	7/7/1987	15:00	0.3	23	7.9	244
1987	2	105	4		98	42	7.33	73	55.3	7/7/1987	14:31	0.3	23	8.8	228
1987	2	110	6		90	42	11.04	73	51.38	7/7/1987	13:53	0.3	23	9.2	226
1987	2	110	6		91	42	10.9	73	51.53	7/7/1987	14:08	0.3	22	9.2	267

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1987	2	114	4		82	42	14.31	73	50.58	7/7/1987	13:21	0.3	23	9.5	234
1987	2	114	4		83	42	14.26	73	50.71	7/7/1987	13:31	0.3	23	9	226
1987	2	115	6		80	42	14.8	73	49.1	7/7/1987	13:06	0.3	22.5	9.8	229
1987	2	118	4		73	42	16.76	73	47.67	7/7/1987	12:37	0.3	23	9.7	226
1987	2	118	6		75	42	16.12	73	47.49	7/7/1987	12:48	0.3	22	9.5	228
1987	2	121	4		68	42	18.53	73	47.1	7/7/1987	12:20	0.3	23	8	228
1987	2	123	4		60	42	20.64	73	47.39	7/7/1987	11:59	0.3	22.5	7.8	231
1987	2	124	6		56	42	21.49	73	47.29	7/7/1987	11:44	0.3	22.5	8	241
1987	2	125	6		53	42	22.27	73	47.62	7/7/1987	11:24	0.3	22.5	7.1	262
1987	2	125	6		54	42	22.034	73	47.302	7/7/1987	11:34	0.3	22.5	7.8	236
1987	2	128	6		45					7/7/1987	10:55	0.3	23	7.4	291
1987	2	129	6		38	42	26.05	73	46.82	7/7/1987	10:31	0.3	22.5	6.5	252
1987	2	133	4		29	42	29.09	73	47.273	7/7/1987	10:12	0.3	22.5	7.6	257
1987	2	135	4		25	42	31.16	73	46.06	7/7/1987	9:55	0.3	23	7.7	254
1987	2	138	4		20	42	33.5	73	45.35	7/7/1987	9:36	0.3	23.3	7.9	242
1987	3	13	4		267					7/22/1987	14:34	0.3	29	11	14233
1987	3	14	4		265					7/22/1987	14:20	0.3	29.2	10.8	14632
1987	3	15	4		264	40	53.57	73	56.32	7/22/1987	14:07	0.3	29.5	9.5	14544
1987	3	18	4		260	40	56.889	73	55.1	7/22/1987	13:40	0.3	30	10.2	13408
1987	3	23	6		255	41	0.74	73	52.83	7/22/1987	15:12	0.3	29.5	11.5	11817
1987	3	24	6		252	41	2.057	73	52.505	7/22/1987	15:41	0.3	29.5	11	10635
1987	3	24	6		253	41	1.169	73	52.711	7/22/1987	15:27	0.3	29.4	11.8	10930
1987	3	25	4		250	41	2.86	73	55.07	7/22/1987	12:27	0.3	29.4	10.7	10110
1987	3	25	4		270	41	2.783	73	55.05	7/22/1987	12:40	0.3	30.1	13	9968
1987	3	25	4		284	41	2.57	73	54.94	7/22/1987	13:12	0.3	31.2	14	10101
1987	3	25	6		251	41	2.46	73	52.42	7/22/1987	15:54	0.3	29.8	11.8	10661
1987	3	26	4		271	41	3.77	73	55.22	7/22/1987	11:51	0.3	29.2	9	10060
1987	3	26	4		283	41	8.34	73	54.4	7/22/1987	12:07	0.3	29.9	10.2	10008
1987	3	26	6		249	41	2.67	73	52.3	7/22/1987	16:05	0.3	29.8	12.2	11294
1987	3	26	6		247	41	3.891	73	52.077	7/23/1987	12:27	0.3	28.5	9.4	10203
1987	3	26	6		248	41	3.273	73	52.221	7/23/1987	13:26	0.3	29.2	10	10243
1987	3	27	4		245	41	4.19	73	55.21	7/22/1987	11:35	0.3	28.8	9.4	9957
1987	3	27	4		272	41	4.49	73	55.14	7/22/1987	11:19	0.3	28.5	8.9	9368
1987	3	28	6		243	41	5.683	73	52.214	7/23/1987	11:55	0.3	29	9.1	8631
1987	3	28	6		244	41	5.33	73	52.33	7/23/1987	12:14	0.3	28.9	9.8	8649
1987	3	29	4		242	41	6.1	73	54.88	7/22/1987	11:03	0.3	28.5	8.5	9276
1987	3	30	4		241	41	7.14	73	54.77	7/22/1987	10:42	0.3	28.2	8.4	7279
1987	3	31	4		285	41	3.607	73	55.196	7/22/1987	10:27	0.3	28	8	7965
1987	3	32	4		239	41	8.81	73	54.6	7/22/1987	10:04	0.3	28	8.4	6091
1987	3	32	4		240	41	8.48	73	54.42	7/22/1987	10:16	0.3	28.1	8.2	8042
1987	3	32	6		237	41	9.274	73	52.181	7/23/1987	11:23	0.3	28.5	8.3	7699
1987	3	32	6		238	41	8.85	73	52.123	7/23/1987	11:35	0.3	28.6	8.6	7406
1987	3	32	6		269	41	9.445	73	52.243	7/23/1987	11:10	0.3	28.5	8.3	7421

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1987	3	33	6		236	41	9.79	73	52.202	7/23/1987	10:52	0.3	28	8.1	7965
1987	3	34	6		233	41	10.662	73	53.922	7/23/1987	10:30	0.3	28	8.5	7496
1987	3	35	4		229	41	10.59	73	56.41	7/22/1987	9:32	0.3	27.9	7.8	5915
1987	3	35	4		230	41	10.59	73	56.39	7/22/1987	9:45	0.3	28.2	8.3	5786
1987	3	35	4		277	41	10.95	73	57.06	7/22/1987	9:15	0.3	28.2	7.8	6346
1987	3	35	6		232	41	11.172	73	53.996	7/23/1987	10:11	0.3	28.4	8.9	6506
1987	3	35	6		275	41	11.31	73	53.54	7/23/1987	9:56	0.3	28	9	6559
1987	3	36	4		226	41	11.8	73	57.5	7/22/1987	8:49	0.3	27.1	6.9	5821
1987	3	36	4		227	41	11.02	73	57.41	7/22/1987	9:05	0.3	27.8	7.8	6115
1987	3	36	6		228	41	12.25	73	53.5	7/23/1987	9:43	0.3	28	8.8	6559
1987	3	37	4		225	41	12.096	73	57.458	7/22/1987	8:39	0.3	27.8	7.2	5645
1987	3	38	4		222	41	12.979	73	57.867	7/22/1987	8:03	0.3	27.4	7.6	5691
1987	3	38	4		278	41	12.96	73	57.828	7/22/1987	8:15	0.3	27.6	6.9	5762
1987	3	38	4		279	41	13.36	73	57.82	7/22/1987	7:50	0.3	27.1	7.5	5630
1987	3	38	4		280	41	13.4	73	57.81	7/22/1987	7:38	0.3	27	7.8	5738
1987	3	39	4		215	41	13.62	73	58.34	7/24/1987	8:35	0.3	27.5	7.5	5679
1987	3	39	4		218	41	14.02	73	56.4	7/24/1987	8:53	0.3	27.2	7	6667
1987	3	40	6		210	41	14.87	73	57.74	7/24/1987	9:33	0.3	27.8	7.3	5645
1987	3	40	6		213	41	14.64	73	57.15	7/24/1987	9:17	0.3	27.2	8.2	6667
1987	3	43	6		202	41	17.12	73	55.98	7/24/1987	9:50	0.3	28.2	11	3360
1987	3	49	4		196	41	21.16	73	57.74	7/22/1987	9:53	0.3	26	6.7	1074
1987	3	52	6		193	41	24.12	73	57.31	7/22/1987	9:10	0.3	26.2	6.5	870
1987	3	53	4		192	41	24.19	73	57.95	7/22/1987	9:23	0.3	26.2	7	768
1987	3	54	6		190	41	24.961	73	57.702	7/22/1987	9:37	0.3	26.2	6.2	729
1987	3	55	6		189	41	25.66	73	58.14	7/22/1987	9:49	0.3	26.4	7.1	503
1987	3	56	4		182	41	28.2	73	59.12	7/22/1987	10:22	0.3	27.5	9	432
1987	3	56	4		188	41	26.47	73	59.66	7/22/1987	10:04	0.3	27	8.7	373
1987	3	57	4		185	41	27.68	74	0.73	7/22/1987	11:02	0.3	28.5	8.2	416
1987	3	57	4		186	41	27.28	74	0.8	7/22/1987	11:14	0.3	28.6	8.2	417
1987	3	58	4		184	41	27.78	74	0.7	7/22/1987	11:28	0.3	28.4	8	464
1987	3	59	6		180	41	29.08	73	59.37	7/22/1987	11:42	0.3	28.1	7.7	461
1987	3	62	4		171	41	32.19	73	59.91	7/21/1987	16:05	0.3	29	7.6	257
1987	3	65	4		162	41	33.99	73	58.39	7/21/1987	15:42	0.3	29	7.2	249
1987	3	69	6		156	41	37.03	73	56.88	7/21/1987	15:25	0.3	25.8	6.3	246
1987	3	71	4		151	41	40.04	73	57.11	7/21/1987	15:03	0.3	26.9	7	241
1987	3	76	4		146	41	42.94	73	56.87	7/21/1987	14:41	0.3	27.5	8.1	257
1987	3	80	6		137	41	46.14	73	56.82	7/21/1987	14:20	0.3	27.9	8.1	234
1987	3	81	4		135	41	47.474	73	57.457	7/21/1987	13:48	0.3	27	7.4	230
1987	3	82	4		134	41	48.51	73	57.22	7/21/1987	13:29	0.3	27.8	7.5	228
1987	3	83	4		133	41	48.74	73	57.19	7/21/1987	13:17	0.3	27.4	7.5	230
1987	3	84	4		129	41	50.61	73	57.28	7/21/1987	12:53	0.3	27.9	8.9	226
1987	3	86	4		124	41	51.95	73	56.84	7/21/1987	12:37	0.3	26.7	9.1	232
1987	3	87	4		123	41	52.616	73	57.292	7/21/1987	12:10	0.3	27.6	9.7	230

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1987	3	89	6		121	41	53.84	73	57.04	7/21/1987	11:46	0.3	26.8	7.6	233
1987	3	91	6		119	41	55.847	73	56.774	7/21/1987	11:23	0.3	27	8.4	229
1987	3	92	4		118	41	56.32	73	58.1	7/21/1987	8:42	0.3	25.4	7.6	228
1987	3	94	4		115	41	57.78	73	57.47	7/21/1987	9:02	0.3	25.8	7.8	243
1987	3	95	4		111	41	59.083	73	57.079	7/21/1987	9:20	0.3	26.4	8.3	244
1987	3	95	6		112	41	58.238	73	56.123	7/21/1987	11:03	0.3	26.6	8.3	229
1987	3	96	4		105	42	0.22	73	56.65	7/21/1987	9:53	0.3	26.6	8.2	232
1987	3	96	4		110	41	59.4	73	56.94	7/21/1987	9:38	0.3	26.4	8.1	230
1987	3	96	6		107	41	59.89	73	55.93	7/21/1987	10:29	0.3	26.5	8.5	232
1987	3	96	6		109	41	59.43	73	56.012	7/21/1987	10:45	0.3	26.5	8.7	231
1987	3	98	4		100	42	1.67	73	56.54	7/20/1987	16:37	0.3	26.1	8.7	235
1987	3	98	4		101	42	1.426	73	56.456	7/21/1987	10:07	0.3	26.8	8.6	232
1987	3	112	4		88	42	12.69	73	51.26	7/20/1987	15:21	0.3	26.7	8.4	234
1987	3	113	4		86	42	13.12	73	51.33	7/20/1987	14:55	0.3	26.7	8.5	241
1987	3	113	6		87	42	13.32	73	50.85	7/20/1987	15:08	0.3	26.3	8.9	243
1987	3	114	4		81	42	14.39	73	50.549	7/20/1987	14:35	0.3	26.8	8.4	269
1987	3	116	4		78					7/20/1987	14:20	0.3	26.6	8.9	231
1987	3	118	4		75	42	16.12	73	47.49	7/20/1987	13:50	0.3	26.9	8.3	241
1987	3	119	6		71	42	17.16	73	46.8	7/20/1987	13:41	0.3	27	8.1	230
1987	3	122	6		62	42	20.105	73	46.848	7/20/1987	13:26	0.3	26.9	8.9	230
1987	3	124	4		58					7/20/1987	13:08	0.3	26	8	250
1987	3	124	6		57	42	21.28	73	47.32	7/20/1987	12:52	0.3	26.6	8.1	243
1987	3	126	4		48	42	23.65	73	47.38	7/20/1987	12:36	0.3	25.8	7.8	274
1987	3	128	4		44	42	25	73	46.99	7/20/1987	12:14	0.3	25.9	8.6	264
1987	3	129	6		38	42	26.05	73	46.82	7/20/1987	11:36	0.3	25.8	7.9	290
1987	3	130	4		37	42	26.76	73	47.22	7/20/1987	11:14	0.3	25.7	7.3	286
1987	3	133	4		29	42	29.09	73	47.273	7/20/1987	10:53	0.3	25.6	7.2	284
1987	3	135	4		25	42	31.16	73	46.06	7/20/1987	10:25	0.3	25.8	6.6	230
1987	3	139	4		18	42	34.14	73	45.24	7/20/1987	9:59	0.3	25.7	6.7	218
1987	4	14	4		265					8/4/1987	13:37	0.3	28.8	7.7	17425
1987	4	14	4		266	40	52.925	73	56.648	8/4/1987	13:50	0.3	28.2	8	17918
1987	4	18	4		260	40	56.889	73	55.1	8/4/1987	13:19	0.3	28	7.8	14243
1987	4	22	6		256	40	59.97	73	53.05	8/4/1987	14:18	0.3	28	8.7	13306
1987	4	23	6		255	41	0.74	73	52.83	8/4/1987	14:31	0.3	28.2	9.2	13065
1987	4	24	6		252	41	2.057	73	52.505	8/4/1987	14:58	0.3	28.8	9.7	12262
1987	4	24	6		253	41	1.169	73	52.711	8/4/1987	14:45	0.3	28.8	10.6	13092
1987	4	25	4		250	41	2.86	73	55.07	8/4/1987	11:58	0.3	28.2	10.2	13252
1987	4	25	4		270	41	2.783	73	55.05	8/4/1987	12:15	0.3	27.4	11.9	13374
1987	4	25	4		284	41	2.57	73	54.94	8/4/1987	12:31	0.3	28	12	13493
1987	4	25	6		251	41	2.46	73	52.42	8/4/1987	15:12	0.3	28.8	9.5	12723
1987	4	26	4		271	41	3.77	73	55.22	8/4/1987	11:21	0.3	27.5	9.3	13252
1987	4	26	4		283	41	8.34	73	54.4	8/4/1987	11:41	0.3	27.8	8.4	13360
1987	4	26	6		247	41	3.891	73	52.077	8/4/1987	16:18	0.3	29.5	12.6	10908

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1987	4	26	6		248	41	3.273	73	52.221	8/4/1987	15:40	0.3	28.5	9.2	13821
1987	4	26	6		249	41	2.67	73	52.3	8/4/1987	15:20	0.3	28.8	9.4	13368
1987	4	27	4		245	41	4.19	73	55.21	8/4/1987	11:08	0.3	27	8.6	12718
1987	4	27	4		272	41	4.49	73	55.14	8/4/1987	10:56	0.3	27	8.2	12431
1987	4	28	6		243	41	5.683	73	52.214	8/4/1987	16:08	0.3	29	9.7	11478
1987	4	28	6		244	41	5.33	73	52.33	8/4/1987	15:58	0.3	29	9.4	11937
1987	4	29	4		242	41	6.1	73	54.88	8/4/1987	10:38	0.3	27.3	11	10740
1987	4	30	4		241	41	7.14	73	54.77	8/4/1987	10:17	0.3	27.1	11.1	11356
1987	4	32	4		239	41	8.81	73	54.6	8/4/1987	9:38	0.3	27.2	9.1	9524
1987	4	32	4		240	41	8.48	73	54.42	8/4/1987	9:48	0.3	27	8.7	10041
1987	4	32	4		285	41	3.607	73	55.196	8/4/1987	10:02	0.3	27.2	9.6	10381
1987	4	32	6		237	41	9.274	73	52.181	8/4/1987	16:54	0.3	29.4	9.7	10201
1987	4	32	6		238	41	8.85	73	52.123	8/4/1987	16:38	0.3	28	9.1	10869
1987	4	32	6		269	41	9.445	73	52.243	8/4/1987	17:06	0.3	29.2	9.6	10517
1987	4	33	6		236	41	9.79	73	52.202	8/4/1987	17:16	0.3	30.8	12.8	10005
1987	4	35	4		229	41	10.59	73	56.41	8/5/1987	9:41	0.3	27.2	7.8	8571
1987	4	35	4		230	41	10.59	73	56.39	8/5/1987	9:25	0.3	27.4	7.9	8631
1987	4	35	4		277	41	10.95	73	57.06	8/5/1987	9:54	0.3	25.2	5.8	4365
1987	4	35	6		231	41	11.23	73	53.69	8/5/1987	8:51	0.3	27.2	8.5	9524
1987	4	35	6		274	41	11.17	73	53.71	8/5/1987	9:03	0.3	27.5	8.8	9466
1987	4	35	6		275	41	11.31	73	53.54	8/5/1987	8:40	0.3	27.8	9.3	9408
1987	4	36	4		226	41	11.8	73	57.5	8/5/1987	10:27	0.3	28	8.4	9558
1987	4	36	4		282	41	11.2	73	57.17	8/5/1987	10:12	0.3	27.3	8	9504
1987	4	36	6		228	41	12.25	73	53.5	8/5/1987	8:11	0.3	27.5	9.1	9466
1987	4	36	6		276	41	12.17	73	53.51	8/5/1987	8:28	0.3	27.8	8.5	9408
1987	4	37	4		225	41	12.096	73	57.458	8/5/1987	10:45	0.3	28	9.5	9370
1987	4	38	4		221	41	13.43	73	57.79	8/5/1987	11:32	0.3	27.8	7.8	8279
1987	4	38	4		279	41	13.36	73	57.82	8/5/1987	11:02	0.3	27.3	8.3	8459
1987	4	38	4		280	41	13.4	73	57.81	8/5/1987	11:17	0.3	27.5	7.7	8614
1987	4	39	6		217	41	14.098	73	56.682	8/6/1987	9:33	0.3	25.8	6.8	9309
1987	4	40	6		211	41	14.88	73	57.6	8/6/1987	10:14	0.3	26.8	6.9	9698
1987	4	40	6		212					8/6/1987	9:51	0.3	26.5	6.7	8984
1987	4	42	6		207	41	15.3	73	57.8	8/6/1987	10:29	0.3	30	6.9	7739
1987	4	46	4		198	41	19.7	73	59	8/5/1987	8:05	0.3	26.8	6.5	4301
1987	4	48	4		197	41	20.86	73	58.08	8/5/1987	8:22	0.3	26.5	6.7	3729
1987	4	51	6		195	41	22.87	73	50.61	8/5/1987	8:36	0.3	26.3	6.3	3570
1987	4	52	6		194	41	24.12	73	56.81	8/5/1987	8:56	0.3	26.8	6.7	2794
1987	4	53	4		192	41	24.19	73	57.95	8/5/1987	9:14	0.3	26.7	8.3	3175
1987	4	55	6		189	41	25.66	73	58.14	8/5/1987	9:36	0.3	26.4	7.4	1830
1987	4	56	4		187	41	26.83	74	0.5	8/5/1987	9:53	0.3	27	7.7	1291
1987	4	57	4		185	41	27.68	74	0.73	8/5/1987	10:17	0.3	26.5	7.7	1266
1987	4	57	4		186	41	27.28	74	0.8	8/5/1987	10:06	0.3	26.4	7.7	1258
1987	4	58	4		184	41	27.78	74	0.7	8/5/1987	10:34	0.3	26.8	8.4	1248

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1987	4	59	6		180	41	29.08	73	59.37	8/5/1987	11:15	0.3	26.5	7.2	1352
1987	4	59	6		181	41	29.04	73	59.33	8/5/1987	11:32	0.3	26.7	7.5	1222
1987	4	69	4		155	41	37.44	73	57.43	8/4/1987	15:07	0.3	27	8.3	238
1987	4	69	6		158	41	36.94	73	56.81	8/4/1987	15:25	0.3	27	6.7	248
1987	4	72	4		151	41	40.04	73	57.11	8/4/1987	14:47	0.3	27.6	8.3	237
1987	4	76	4		144					8/4/1987	13:59	0.3	27.1	7.5	238
1987	4	76	4		146	41	42.94	73	56.87	8/4/1987	14:24	0.3	27.5	7.4	233
1987	4	77	6		141	41	44.46	73	56.21	8/4/1987	13:20	0.3	28.1	9	236
1987	4	77	6		143	41	43.83	73	56.16	8/4/1987	13:35	0.3	28.2	10.9	233
1987	4	81	4		135	41	47.474	73	57.457	8/4/1987	13:01	0.3	26.3	7.5	232
1987	4	83	4		131	41	49.33	73	57.31	8/4/1987	12:21	0.3	27.5	10.1	227
1987	4	83	4		133	41	48.74	73	57.19	8/4/1987	12:37	0.3	26.6	7.8	230
1987	4	88	6		122	41	53.023	73	56.214	8/4/1987	11:56	0.3	27.1	8.9	232
1987	4	89	6		120	41	54.02	73	57.2	8/4/1987	11:45	0.3	26.5	9.2	231
1987	4	91	6		119	41	55.847	73	56.774	8/4/1987	11:29	0.3	26.3	9.2	231
1987	4	92	4		118	41	56.32	73	58.1	8/4/1987	8:35	0.3	25.5	9.1	238
1987	4	93	6		117	41	57.036	73	56.721	8/4/1987	11:14	0.3	26.5	8.8	231
1987	4	95	6		112	41	58.238	73	56.123	8/4/1987	10:53	0.3	26.2	9.8	229
1987	4	96	4		105	42	0.22	73	56.65	8/4/1987	9:22	0.3	25.8	9.5	230
1987	4	96	4		108	41	59.76	73	56.81	8/4/1987	9:07	0.3	25.9	9.5	231
1987	4	96	4		110	41	59.4	73	56.94	8/4/1987	8:55	0.3	25.7	8.9	231
1987	4	96	6		106	42	59.99	73	55.94	8/4/1987	10:36	0.3	26	9	230
1987	4	97	4		102	42	0.83	73	56.38	8/4/1987	9:34	0.3	25.9	9.5	231
1987	4	97	6		104	42	0.26	73	55.792	8/4/1987	10:21	0.3	25.8	9.1	228
1987	4	98	4		100	42	1.67	73	56.54	8/4/1987	10:04	0.3	26	9.4	230
1987	4	98	4		101	42	1.426	73	56.456	8/4/1987	9:51	0.3	25.9	9.6	230
1987	4	112	4		88	42	12.69	73	51.26	8/3/1987	16:07	0.3	27.5	11.1	224
1987	4	113	6		87	42	13.32	73	50.85	8/3/1987	15:52	0.3	26.5	8.8	237
1987	4	114	6		84	42	14.02	73	50.18	8/3/1987	15:40	0.3	26.2	8.7	232
1987	4	115	6		80	42	14.8	73	49.1	8/3/1987	15:21	0.3	26.5	8.6	238
1987	4	117	4		76	42	15.84	73	47.69	8/3/1987	14:52	0.3		8.7	
1987	4	119	6		72	42	16.82	73	47.28	8/3/1987	14:39	0.3	26.1	7.9	233
1987	4	121	4		68	42	18.53	73	47.1	8/3/1987	14:21	0.3	26.4	8.1	227
1987	4	122	6		64	42	19.9	73	46.8	8/3/1987	14:08	0.3	26.8	8	220
1987	4	123	4		60	42	20.64	73	47.39	8/3/1987	13:51	0.3	27.1	8.5	222
1987	4	124	4		58					8/3/1987	13:37	0.3	26.9	8	232
1987	4	127	6		47	42	23.853	73	46.901	8/3/1987	13:07	0.3	26.9	8.6	228
1987	4	129	6		39	42	25.879	73	46.76	8/3/1987	12:49	0.3	26.7	7.7	218
1987	4	133	4		28	42	30.027	73	46.913	8/3/1987	12:11	0.3	26.5	6.5	223
1987	4	133	4		29	42	29.09	73	47.273	8/3/1987	12:30	0.3	26.5	6.1	232
1987	4	145	6		5	42	39.19	73	44.41	8/3/1987	11:30	0.3	25.2	6.8	211
1987	4	148	6		3	42	41.41	73	42.584	8/3/1987	11:08	0.3	24.9	7.4	206
1987	4	151	4		1	42	44.51	73	41.196	8/3/1987	10:44	0.3	24.8	8.5	205

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1987	5	15	4		263	40	54.252	73	55.961	8/18/1987	11:11	0.3	27	7.6	14344
1987	5	15	4		264	40	53.57	73	56.32	8/18/1987	10:50	0.3	27.2	7.8	15428
1987	5	19	4		259	40	57.735	73	53.561	8/18/1987	10:30	0.3	26.3	8.6	13677
1987	5	20	4		258	40	57.73	73	53.661	8/18/1987	10:19	0.3	26.2	8.6	14191
1987	5	23	6		254	41	1.086	73	52.681	8/17/1987	13:31	0.3	27.8	11.2	14018
1987	5	24	6		252	41	2.057	73	52.505	8/17/1987	12:53	0.3	27.3	9.8	14257
1987	5	24	6		253	41	1.169	73	52.711	8/17/1987	13:16	0.3	27.2	9.8	14190
1987	5	24	6		252	41	2.057	73	52.505	8/19/1987	10:20	0.3	26.5	9.2	12558
1987	5	25	4		250	41	2.86	73	55.07	8/17/1987	14:25	0.3	28.8	11.2	14567
1987	5	25	4		270	41	2.783	73	55.05	8/17/1987	13:56	0.3	28.8	11.2	14106
1987	5	25	6		251	41	2.46	73	52.42	8/17/1987	12:30	0.3	27.8	8.8	14018
1987	5	25	6		251	41	2.46	73	52.42	8/19/1987	9:38	0.3	26.9	11.6	11498
1987	5	26	4		283	41	8.34	73	54.4	8/17/1987	14:44	0.3	28.4	12.2	14685
1987	5	26	4		271	41	3.77	73	55.22	8/18/1987	12:48	0.3	27.2	11.2	12381
1987	5	26	6		247	41	3.891	73	52.077	8/17/1987	10:56	0.3	26.2	9.4	13413
1987	5	26	6		248	41	3.273	73	52.221	8/17/1987	11:29	0.3	26.6	9.6	13401
1987	5	26	6		249	41	2.67	73	52.3	8/17/1987	12:00	0.3	26	10.8	13858
1987	5	26	6		248	41	3.273	73	52.221	8/19/1987	9:13	0.3	26.2	9	11858
1987	5	27	4		245	41	4.19	73	55.21	8/18/1987	13:20	0.3	27.5	11.4	10886
1987	5	27	4		272	41	4.49	73	55.14	8/18/1987	13:40	0.3	28.5	11.7	11131
1987	5	28	6		244	41	5.33	73	52.33	8/19/1987	10:52	0.3	27.2	12	9714
1987	5	30	4		241	41	7.14	73	54.77	8/18/1987	14:20	0.3	27.8	11.8	9879
1987	5	31	4		285	41	3.607	73	55.196	8/18/1987	14:40	0.3	28.2	9.6	9323
1987	5	32	4		239	41	8.81	73	54.6	8/18/1987	15:03	0.3	27.8	9.2	8279
1987	5	32	4		240	41	8.48	73	54.42	8/18/1987	14:52	0.3	28	9.2	8902
1987	5	32	6		238	41	8.85	73	52.123	8/19/1987	12:00	0.3	27.8	10.8	8938
1987	5	32	6		269	41	9.445	73	52.243	8/19/1987	13:24	0.3	28.1	12	8603
1987	5	32	6		237	41	9.274	73	52.181	8/21/1987	9:34	0.3	26.1	7.9	10616
1987	5	34	6		233	41	10.662	73	53.922	8/19/1987	13:46	0.3	28.1	11.6	8416
1987	5	35	4		230	41	10.59	73	56.39	8/18/1987	15:29	0.3	28.8	9.2	7376
1987	5	35	4		277	41	10.95	73	57.06	8/21/1987	9:15	0.3	26	7.9	8783
1987	5	35	6		231	41	11.23	73	53.69	8/19/1987	14:12	0.3	30	19.2	8639
1987	5	35	6		275	41	11.31	73	53.54	8/19/1987	14:49	0.3	31	20	8819
1987	5	35	6		232	41	11.172	73	53.996	8/21/1987	10:21	0.3	26.9	13.1	8624
1987	5	36	4		227	41	11.02	73	57.41	8/21/1987	8:59	0.3	25.7	7.2	8837
1987	5	36	4		281	41	11.13	73	57.16	8/21/1987	8:49	0.3	26.2	7.7	8748
1987	5	36	6		228	41	12.25	73	53.5	8/19/1987	15:20	0.3	31	18.8	8113
1987	5	38	4		221	41	13.43	73	57.79	8/20/1987	16:35	0.3	28.3	8.1	7823
1987	5	38	4		280	41	13.4	73	57.81	8/20/1987	16:53	0.3	28.3	8.8	7823
1987	5	38	4		222	41	12.979	73	57.867	8/21/1987	7:55	0.3	25.8	7.1	8525
1987	5	38	4		223	41	12.89	73	57.806	8/21/1987	8:10	0.3	26	6.9	7905
1987	5	38	4		279	41	13.36	73	57.82	8/21/1987	8:25	0.3	26	6.8	8295
1987	5	40	6		211	41	14.88	73	57.6	8/20/1987	15:51	0.3	28.2	8.8	9146

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1987	5	40	6		213	41	14.64	73	57.15	8/20/1987	16:10	0.3	28.9	13.1	8189
1987	5	42	4		206	41	16.412	73	58.1	8/20/1987	15:15	0.3	28	8.4	6559
1987	5	42	6		207	41	15.3	73	57.8	8/20/1987	15:33	0.3	31.2	8.4	6412
1987	5	46	6		199	41	19.42	73	58.77	8/20/1987	14:54	0.3	27.4	9	4486
1987	5	48	4		197	41	20.86	73	58.08	8/20/1987	14:30	0.3	29.1	8.4	3849
1987	5	49	4		196	41	21.16	73	57.74	8/20/1987	14:05	0.3	27.5	8	3786
1987	5	52	6		194	41	24.12	73	56.81	8/20/1987	13:41	0.3	27.5	7.4	3020
1987	5	53	4		192	41	24.19	73	57.95	8/20/1987	13:24	0.3	27	7.4	2438
1987	5	54	6		190	41	24.961	73	57.702	8/20/1987	13:10	0.3	26.5	6.5	3285
1987	5	56	4		187	41	26.83	74	0.5	8/20/1987	12:15	0.3	28	9	1274
1987	5	56	4		188	41	26.47	73	59.66	8/20/1987	12:35	0.3	28	9	1424
1987	5	58	4		183	41	28.02	74	0.87	8/20/1987	11:51	0.3	28.9	11.5	1242
1987	5	59	6		179	41	29.24	73	59.34	8/20/1987	11:05	0.3	26.5	7.3	1304
1987	5	59	6		180	41	29.08	73	59.37	8/20/1987	11:20	0.3	27	7.2	1339
1987	5	59	6		181	41	29.04	73	59.33	8/20/1987	11:32	0.3	27	7.4	1262
1987	5	62	4		171	41	32.19	73	59.91	8/20/1987	10:34	0.3	27.6	6.9	567
1987	5	69	4		155	41	37.44	73	57.43	8/19/1987	17:37	0.3	28.8	8.4	258
1987	5	69	6		156	41	37.03	73	56.88	8/20/1987	9:59	0.3	26.8	6.9	288
1987	5	69	6		158	41	36.94	73	56.81	8/20/1987	9:26	0.3	26.2	7.5	270
1987	5	76	6		145					8/19/1987	17:03	0.3	29	8.8	294
1987	5	77	6		140	41	44.56	73	56.17	8/19/1987	16:19	0.3	28.3	7.9	246
1987	5	78	4		139	41	44.786	73	56.758	8/19/1987	15:53	0.3	30.1	11.3	238
1987	5	82	4		134	41	48.51	73	57.22	8/19/1987	15:12	0.3	29.4	10.4	230
1987	5	83	4		133	41	48.74	73	57.19	8/19/1987	14:30	0.3	29.8	10	236
1987	5	84	4		129	41	50.61	73	57.28	8/19/1987	14:12	0.3	31	11.7	231
1987	5	86	4		126	41	51.44	73	56.97	8/19/1987	13:29	0.3	30.5	12.3	224
1987	5	88	6		122	41	53.023	73	56.214	8/19/1987	12:55	0.3	30.2	10.6	235
1987	5	90	6		120	41	54.02	73	57.2	8/19/1987	12:31	0.3	27.8	10.5	240
1987	5	92	4		118	41	56.32	73	58.1	8/19/1987	8:05	0.3	24.4	8.6	252
1987	5	93	4		116	41	57.05	73	57.77	8/19/1987	8:26	0.3	23.7	8.5	256
1987	5	94	4		115	41	57.78	73	57.47	8/19/1987	8:48	0.3	25	9.6	249
1987	5	95	4		111	41	59.083	73	57.079	8/19/1987	9:16	0.3	25.4	9.8	247
1987	5	96	4		110	41	59.4	73	56.94	8/19/1987	9:36	0.3	25.2	10	247
1987	5	96	6		107	41	59.89	73	55.93	8/19/1987	11:58	0.3	25.6	10.4	246
1987	5	97	4		102	42	0.83	73	56.38	8/19/1987	10:17	0.3	25.4	10.3	245
1987	5	97	4		103	42	0.5	73	56.51	8/19/1987	9:54	0.3	25.2	10.2	246
1987	5	98	4		100	42	1.67	73	56.54	8/19/1987	11:36	0.3	27	10.5	241
1987	5	98	4		101	42	1.426	73	56.456	8/19/1987	11:20	0.3	27	11	239
1987	5	105	4		98	42	7.33	73	55.3	8/18/1987	18:17	0.3	27.5	10.5	234
1987	5	107	4		95	42	8.94	73	54.32	8/18/1987	17:57	0.3	26.8	8.5	242
1987	5	109	6		92	42	10.27	73	52.32	8/18/1987	17:40	0.3	28.7	11.6	233
1987	5	112	4		88	42	12.69	73	51.26	8/18/1987	17:12	0.3	28.2	9.8	240
1987	5	113	6		87	42	13.32	73	50.85	8/18/1987	16:46	0.3	28.7	9.7	237

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1987	5	114	4		82	42	14.31	73	50.58	8/18/1987	15:57	0.3	27.8	9.9	240
1987	5	117	4		76	42	15.84	73	47.69	8/18/1987	15:26	0.3	31	10.4	234
1987	5	118	4		75	42	16.12	73	47.49	8/18/1987	14:56	0.3	29.5	8.7	236
1987	5	119	4		72	42	16.82	73	47.28	8/18/1987	14:42	0.3	28.2	8.3	233
1987	5	119	6		69	42	17.29	73	46.78	8/18/1987	14:23	0.3	30	8.6	236
1987	5	122	6		64	42	19.9	73	46.8	8/18/1987	14:03	0.3	28.5	8.5	204
1987	5	125	4		51	42	22.87	73	47.8	8/18/1987	13:35	0.3	28.3	10.4	231
1987	5	128	4		44	42	25	73	46.99	8/18/1987	13:11	0.3	27.5	9.5	227
1987	5	129	4		39	42	25.879	73	46.76	8/18/1987	12:54	0.3	27.7	9.6	231
1987	5	134	4		28	42	30.027	73	46.913	8/18/1987	12:21	0.3	27.5	8.6	232
1987	5	139	6		17	42	34.22	73	45.02	8/18/1987	11:48	0.3	27.2	7.5	255
1987	5	140	6		12					8/18/1987	11:10	0.3	27.2	7.7	238
1987	5	142	6		8	42	36.82	73	45.4	8/18/1987	10:41	0.3	26	8.3	210
1987	6	15	4		264	40	53.57	73	56.32	8/31/1987	14:26	0.3	23	6.1	20241
1987	6	18	4		260	40	56.889	73	55.1	8/31/1987	15:02	0.3	23	6.7	17127
1987	6	20	6		258	40	57.73	73	53.661	8/31/1987	15:33	0.3	23	6.7	17646
1987	6	23	6		254	41	1.086	73	52.681	8/31/1987	16:09	0.3	23.8	6.9	15417
1987	6	23	6		255	41	0.74	73	52.83	8/31/1987	15:49	0.3	23	6.6	16089
1987	6	24	6		252	41	2.057	73	52.505	9/2/1987	9:34	0.3	22	7.2	14625
1987	6	25	4		270	41	2.783	73	55.05	8/31/1987	13:13	0.3	22.8	9.5	12925
1987	6	25	4		250	41	2.86	73	55.07	9/1/1987	16:15	0.3	23.3	10.4	13514
1987	6	25	4		284	41	2.57	73	54.94	9/1/1987	16:43	0.3	23.1	9	13466
1987	6	25	6		251	41	2.46	73	52.42	9/1/1987	17:08	0.3	23.9	8.6	13347
1987	6	26	4		271	41	3.77	73	55.22	9/1/1987	15:23	0.3	23.3	9.5	13411
1987	6	26	4		283	41	8.34	73	54.4	9/1/1987	15:54	0.3	23.1	10.2	13570
1987	6	26	6		247	41	3.891	73	52.077	8/31/1987	17:00	0.3	23	7.5	14532
1987	6	26	6		248	41	3.273	73	52.221	8/31/1987	16:41	0.3	22.8	6.9	15635
1987	6	26	6		249	41	2.67	73	52.3	9/2/1987	10:02	0.3	21.8	9	13729
1987	6	27	4		245	41	4.19	73	55.21	8/31/1987	12:50	0.3	23	9	12560
1987	6	27	4		272	41	4.49	73	55.14	9/1/1987	14:54	0.3	23	8.6	13390
1987	6	28	6		243	41	5.683	73	52.214	9/1/1987	17:52	0.3	23.1	10.1	12430
1987	6	28	6		244	41	5.33	73	52.33	9/1/1987	17:37	0.3	23.2	8.8	12301
1987	6	29	4		242	41	6.1	73	54.88	9/2/1987	8:53	0.3	21.3	8.1	10754
1987	6	30	4		241	41	7.14	73	54.77	9/1/1987	14:19	0.3	24	10.8	11185
1987	6	31	4		285	41	3.607	73	55.196	8/31/1987	12:11	0.3	24.3	8.7	9600
1987	6	32	4		239	41	8.81	73	54.6	8/31/1987	11:44	0.3	24.1	9.1	9640
1987	6	32	4		240	41	8.48	73	54.42	8/31/1987	11:58	0.3	24.1	8.2	9437
1987	6	32	4		240	41	8.48	73	54.42	9/2/1987	8:34	0.3	22.3	8.3	10427
1987	6	32	6		238	41	8.85	73	52.123	9/1/1987	18:36	0.3	23.2	8.4	10337
1987	6	32	6		237	41	9.274	73	52.181	9/2/1987	10:48	0.3	23.1	7.8	10359
1987	6	32	6		269	41	9.445	73	52.243	9/2/1987	11:07	0.3	22.5	8.4	10279
1987	6	33	6		236	41	9.79	73	52.202	9/2/1987	11:38	0.3	23.2	9.3	10337
1987	6	34	6		233	41	10.662	73	53.922	9/2/1987	12:24	0.3	23.8	9.9	9393

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1987	6	34	6		234	41	10.19	73	53.93	9/2/1987	12:07	0.3	23.6	9.6	9432
1987	6	35	4		229	41	10.59	73	56.41	9/1/1987	13:56	0.3	24.9	7.5	8185
1987	6	35	6		231	41	11.23	73	53.69	9/2/1987	12:38	0.3	24	11.5	9660
1987	6	35	6		275	41	11.31	73	53.54	9/2/1987	13:16	0.3	23.8	9.7	9291
1987	6	36	4		226	41	11.8	73	57.5	9/1/1987	12:47	0.3	24.5	7.9	8957
1987	6	36	4		227	41	11.02	73	57.41	9/1/1987	13:34	0.3	24.2	11	9114
1987	6	36	4		281	41	11.13	73	57.16	9/1/1987	13:17	0.3	24.2	7.4	9114
1987	6	36	6		276	41	12.17	73	53.51	9/2/1987	13:32	0.3	23.3	8.9	9284
1987	6	37	4		225	41	12.096	73	57.458	9/1/1987	12:29	0.3	25	7.1	8168
1987	6	38	4		221	41	13.43	73	57.79	9/1/1987	10:17	0.3	24	13.8	7931
1987	6	38	4		222	41	12.979	73	57.867	9/1/1987	10:37	0.3	24	6.8	7524
1987	6	38	4		223	41	12.89	73	57.806	9/1/1987	11:04	0.3	24.7	8.8	7918
1987	6	38	4		278	41	12.96	73	57.828	9/1/1987	11:29	0.3	24.8	9.2	8002
1987	6	40	6		213	41	14.64	73	57.15	9/1/1987	9:49	0.3	23.8	7.9	8270
1987	6	43	6		202	41	17.12	73	55.98	9/1/1987	9:01	0.3	23	6.9	6124
1987	6	43	6		204	41	16.693	73	56.484	9/1/1987	9:21	0.3	23.8	7.5	6126
1987	6	44	6		201	41	17.74	73	56.87	9/1/1987	7:53	0.3	23.8		6228
1987	6	46	6		199	41	19.42	73	58.77	9/2/1987	14:16	0.3	23.5	6.7	4109
1987	6	49	4		196	41	21.16	73	57.74	9/2/1987	14:35	0.3	23.4	6.6	3346
1987	6	52	6		193	41	24.12	73	57.31	9/2/1987	15:27	0.3	23.2	6.9	2378
1987	6	52	6		194	41	24.12	73	56.81	9/2/1987	14:59	0.3	23	7.3	2751
1987	6	53	4		192	41	24.19	73	57.95	9/2/1987	15:51	0.3	21.5	6.4	1767
1987	6	54	6		190	41	24.961	73	57.702	9/2/1987	16:05	0.3	23	6.8	1972
1987	6	56	4		187	41	26.83	74	0.5	9/3/1987	13:38	0.3	25.5	9.8	1262
1987	6	58	4		183	41	28.02	74	0.87	9/3/1987	12:48	0.3	24.4	10.3	1099
1987	6	58	4		184	41	27.78	74	0.7	9/3/1987	13:10	0.3	25.2	11.9	1002
1987	6	59	6		180	41	29.08	73	59.37	9/3/1987	11:25	0.3	21.6	7.3	8763
1987	6	59	6		181	41	29.04	73	59.33	9/3/1987	11:03	0.3	21.2	7.3	8729
1987	6	59	6		181	41	29.04	73	59.33	9/3/1987	12:14	0.3	23.2	8.3	9407
1987	6	63	6		167	41	32.41	73	58.61	9/3/1987	10:02	0.3	20.5	8.7	591
1987	6	63	6		169	41	32.07	73	58.83	9/3/1987	10:30	0.3	21	6.7	530
1987	6	69	6		156	41	37.03	73	56.88	9/1/1987	18:44	0.3	23.8	6.5	277
1987	6	69	6		158	41	36.94	73	56.81	9/1/1987	18:34	0.3	23.3	6.7	263
1987	6	74	4		147	41	41.29	73	56.8	9/1/1987	18:05	0.3	23.4	5.8	289
1987	6	78	4		139	41	44.786	73	56.758	9/1/1987	17:35	0.3	23.4	7.5	265
1987	6	80	6		137	41	46.14	73	56.82	9/1/1987	17:11	0.3	23	6.4	244
1987	6	81	4		135	41	47.474	73	57.457	9/1/1987	16:43	0.3	23.3	8.4	233
1987	6	83	4		133	41	48.74	73	57.19	9/1/1987	16:29	0.3	22.5	7.5	246
1987	6	85	6		127	41	51.18	73	56.5	9/1/1987	16:08	0.3	22.3	7.8	258
1987	6	89	6		121	41	53.84	73	57.04	9/1/1987	15:46	0.3	23.1		290
1987	6	90	6		120	41	54.02	73	57.2	9/1/1987	15:29	0.3	22.8	8.1	302
1987	6	92	4		118	41	56.32	73	58.1	9/1/1987	15:06	0.3	23.5	10.2	296
1987	6	93	4		116	41	57.05	73	57.77	9/1/1987	14:13	0.3	23.6	10.5	266

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1987	6	93	6		117	41	57.036	73	56.721	9/1/1987	14:39	0.3	24.1	9.3	279
1987	6	95	4		111	41	59.083	73	57.079	9/1/1987	13:45	0.3	23.5	10	288
1987	6	96	4		105	42	0.22	73	56.65	9/1/1987	12:28	0.3	23.6	8.6	285
1987	6	96	4		108	41	59.76	73	56.81	9/1/1987	13:04	0.3	22.4	7.9	305
1987	6	96	4		110	41	59.4	73	56.94	9/1/1987	13:23	0.3	23.3	8.4	299
1987	6	97	4		102	42	0.83	73	56.38	9/1/1987	11:39	0.3	22.4	8.2	274
1987	6	97	4		103	42	0.5	73	56.51	9/1/1987	12:04	0.3	23.6	8.8	277
1987	6	98	4		100	42	1.67	73	56.54	9/1/1987	11:07	0.3	22.7	9.4	261
1987	6	105	4		98	42	7.33	73	55.3	9/1/1987	10:36	0.3	22.1	8	252
1987	6	106	4		96	42	8.147	73	54.796	9/1/1987	10:18	0.3	21.7	7.4	257
1987	6	111	6		89					9/1/1987	9:51	0.3	20.5	6.4	273
1987	6	112	4		88	42	12.69	73	51.26	8/31/1987	18:44	0.3	22.3	7.6	226
1987	6	113	6		87	42	13.32	73	50.85	8/31/1987	18:29	0.3	22.3	8	235
1987	6	114	4		83	42	14.26	73	50.71	8/31/1987	19:15	0.3	22.4	8.1	236
1987	6	115	6		79	42	14.8	73	49	8/31/1987	17:56	0.3	23.4	10.5	236
1987	6	119	6		72	42	16.82	73	47.28	8/31/1987	17:28	0.3	23	9	224
1987	6	121	6		66	42	19.33	73	46.85	8/31/1987	16:59	0.3	22.7	9.1	215
1987	6	122	4		61	42	20.29	73	47.24	8/31/1987	16:25	0.3	22.9	9.4	232
1987	6	122	4		63	42	19.84	73	47.18	8/31/1987	16:41	0.3	22.7	8.9	227
1987	6	124	4		55	42	21.64	73	47.62	8/31/1987	15:59	0.3	22.6	8.3	221
1987	6	127	4		46	42	24.35	73	47.08	8/31/1987	15:33	0.3	23	8.5	218
1987	6	129	6		39	42	25.879	73	46.76	8/31/1987	14:50	0.3	22.8	7.1	225
1987	6	133	4		29	42	29.09	73	47.273	8/31/1987	13:06	0.3	21.2	7	222
1987	6	137	6		24	42	32.262	73	45.288	8/31/1987	11:33	0.3	21.7	6.8	221
1987	6	139	4		15	42	34.32	73	45.25	8/31/1987	10:46	0.3	21.4	7.1	216
1987	6	139	6		14	42	34.34	73	45.02	8/31/1987	10:12	0.3	21.2	7	226
1987	6	139	6		17	42	34.22	73	45.02	8/31/1987	11:03	0.3	21.4	7.1	226
1987	7	12	4		268					9/15/1987	14:23	0.3	23.1	8.3	11395
1987	7	15	4		264	40	53.57	73	56.32	9/15/1987	15:19	0.3	23.2	8.1	9924
1987	7	18	6		261	40	56.27	73	54.17	9/15/1987	13:53	0.3	23.1	8.4	9219
1987	7	19	6		259	40	57.735	73	53.561	9/15/1987	13:36	0.3	23.4	9.2	8750
1987	7	21	6		257	40	59.13	73	53.13	9/15/1987	13:13	0.3	23.8	8.1	7964
1987	7	24	6		252	41	2.057	73	52.505	9/16/1987	15:31	0.3	24.8	9.4	6101
1987	7	25	4		270	41	2.783	73	55.05	9/14/1987	14:56	0.3	2.5	8.2	18696
1987	7	25	4		250	41	2.86	73	55.07	9/16/1987	15:03	0.3	25.1	12.2	7157
1987	7	25	6		251	41	2.46	73	52.42	9/16/1987	15:50	0.3	23.5	8.2	5137
1987	7	26	4		271	41	3.77	73	55.22	9/14/1987	15:08	0.3	24.5	8.2	9863
1987	7	26	4		271	41	3.77	73	55.22	9/16/1987	14:23	0.3	24.5	9.6	6240
1987	7	26	4		283	41	8.34	73	54.4	9/16/1987	14:45	0.3	24.6	10.4	7030
1987	7	26	6		247	41	3.891	73	52.077	9/14/1987	13:42	0.3	24	7.8	10168
1987	7	26	6		249	41	2.67	73	52.3	9/14/1987	13:57	0.3	23.2	7.2	9324
1987	7	26	6		249	41	2.67	73	52.3	9/14/1987	14:02	0.3	24	7.6	9355
1987	7	27	4		245	41	4.19	73	55.21	9/14/1987	15:33	0.3	23.5	8	9349

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1987	7	27	4		272	41	4.49	73	55.14	9/14/1987	16:08	0.3	23	7.4	10380
1987	7	28	6		243	41	5.683	73	52.214	9/14/1987	12:59	0.3	23.2	9.2	8270
1987	7	28	6		244	41	5.33	73	52.33	9/14/1987	13:27	0.3	24.2	7.4	7595
1987	7	28	6		243	41	5.683	73	52.214	9/16/1987	16:12	0.3	25	9.8	4801
1987	7	29	4		242	41	6.1	73	54.88	9/14/1987	16:24	0.3	24.2	8.1	7595
1987	7	30	4		241	41	7.14	73	54.77	9/15/1987	12:18	0.3	24.2	10	5266
1987	7	31	4		285	41	3.607	73	55.196	9/16/1987	14:01	0.3	24.8	9.6	3711
1987	7	32	4		240	41	8.48	73	54.42	9/15/1987	11:59	0.3	24.2	8.8	4476
1987	7	32	4		239	41	8.81	73	54.6	9/16/1987	13:45	0.3	24	7.7	3152
1987	7	32	6		236	41	9.79	73	52.202	9/16/1987	17:49	0.3	24.2	9.2	4567
1987	7	32	6		237	41	9.274	73	52.181	9/16/1987	17:06	0.3	24.2	8.6	3969
1987	7	32	6		238	41	8.85	73	52.123	9/16/1987	16:49	0.3	24	8.4	4271
1987	7	32	6		269	41	9.445	73	52.243	9/16/1987	17:23	0.3	24.1	8.3	4455
1987	7	34	6		233	41	10.662	73	53.922	9/15/1987	11:08	0.3	22.5	8	5244
1987	7	34	6		234	41	10.19	73	53.93	9/15/1987	11:38	0.3	23.1	9	5179
1987	7	35	4		229	41	10.59	73	56.41	9/16/1987	13:08	0.3	24.2	7.6	2592
1987	7	35	4		230	41	10.59	73	56.39	9/16/1987	13:22	0.3	23.8	7.6	2563
1987	7	35	6		231	41	11.23	73	53.69	9/15/1987	9:45	0.3	21	7.8	6493
1987	7	35	6		274	41	11.17	73	53.71	9/15/1987	10:30	0.3	22.2	8.4	6544
1987	7	35	6		275	41	11.31	73	53.54	9/15/1987	9:28	0.3	21	7.6	6472
1987	7	36	4		226	41	11.8	73	57.5	9/16/1987	12:33	0.3	24	8.4	2715
1987	7	36	4		281	41	11.13	73	57.16	9/16/1987	12:51	0.3	24.8	8	2911
1987	7	37	4		224					9/16/1987	11:52	0.3	24.2	8.4	2339
1987	7	37	4		225	41	12.096	73	57.458	9/16/1987	12:19	0.3	24.1	7.6	2638
1987	7	38	4		222	41	12.979	73	57.867	9/16/1987	11:14	0.3	24	9	2054
1987	7	38	4		223	41	12.89	73	57.806	9/16/1987	11:35	0.3	24.4	7.2	2330
1987	7	38	6		220					9/15/1987	9:00	0.3	21.7	6.7	3925
1987	7	39	4		216	41	13.48	73	57.84	9/14/1987	10:45	0.3	22	6.8	2660
1987	7	40	6		211	41	14.88	73	57.6	9/14/1987	11:06	0.3	25	7.6	4204
1987	7	43	5		205	41	16.413	73	56.551	9/14/1987	12:00	0.3	23.2	8.4	1054
1987	7	43	6		202	41	17.12	73	55.98	9/14/1987	10:09	0.3	23	6.8	3270
1987	7	43	6		204	41	16.693	73	56.484	9/14/1987	11:30	0.3	25	8.8	2839
1987	7	51	6		195	41	22.87	73	50.61	9/17/1987	9:36	0.3	22.5	6.1	369
1987	7	52	6		193	41	24.12	73	57.31	9/17/1987	10:33	0.3	22.9	5.8	297
1987	7	52	6		194	41	24.12	73	56.81	9/17/1987	10:09	0.3	22.8	6	336
1987	7	53	4		192	41	24.19	73	57.95	9/17/1987	10:50	0.3	22.3	6.8	295
1987	7	54	6		190	41	24.961	73	57.702	9/17/1987	11:24	0.3	22.9	6.6	282
1987	7	56	4		187	41	26.83	74	0.5	9/17/1987	11:51	0.3	22.9	8.1	286
1987	7	57	4		185	41	27.68	74	0.73	9/17/1987	13:17	0.3	23.1	8.3	282
1987	7	57	4		186	41	27.28	74	0.8	9/17/1987	12:57	0.3	22.9	9.3	282
1987	7	58	4		183	41	28.02	74	0.87	9/17/1987	14:30	0.3	23.3	11.5	314
1987	7	58	4		184	41	27.78	74	0.7	9/17/1987	14:05	0.3	23	8.9	282
1987	7	59	6		181	41	29.04	73	59.33	9/17/1987	15:00	0.3	23.4	7.9	362

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1987	7	62	4		173	41	31.59	74	0.28	9/17/1987	15:21	0.3	22.5	7.5	252
1987	7	71	4		153	41	39.06	73	57.257	9/16/1987	18:17	0.3	21.8	7.4	230
1987	7	72	4		151	41	40.04	73	57.11	9/16/1987	17:57	0.3	22	7.8	228
1987	7	73	6		150	41	40.28	73	56.49	9/16/1987	17:35	0.3	23.4	10	259
1987	7	78	4		139	41	44.786	73	56.758	9/16/1987	17:11	0.3	22.1	8.4	217
1987	7	80	6		137	41	46.14	73	56.82	9/16/1987	16:36	0.3	22.5	8.3	218
1987	7	82	4		134	41	48.51	73	57.22	9/16/1987	16:07	0.3	22.3	8.5	213
1987	7	83	4		131	41	49.33	73	57.31	9/16/1987	15:39	0.3	22.5	10.8	210
1987	7	84	4		129	41	50.61	73	57.28	9/16/1987	15:08	0.3	22.8	8.7	212
1987	7	89	6		121	41	53.84	73	57.04	9/16/1987	14:22	0.3	22.9	8.7	213
1987	7	90	6		120	41	54.02	73	57.2	9/16/1987	13:55	0.3	22.5	9.3	212
1987	7	91	6		119	41	55.847	73	56.774	9/16/1987	13:16	0.3	22.9	9.6	212
1987	7	92	4		118	41	56.32	73	58.1	9/16/1987	12:53	0.3	22.2	9.3	244
1987	7	93	4		116	41	57.05	73	57.77	9/16/1987	12:11	0.3	22	9.3	215
1987	7	96	4		108	41	59.76	73	56.81	9/16/1987	11:35	0.3	21.8	9.4	215
1987	7	96	4		110	41	59.4	73	56.94	9/16/1987	11:50	0.3	21.6	9.9	213
1987	7	97	4		102	42	0.83	73	56.38	9/16/1987	10:46	0.3	20.8	8.6	212
1987	7	97	4		103	42	0.5	73	56.51	9/16/1987	11:10	0.3	21.4	9.1	215
1987	7	98	4		100	42	1.67	73	56.54	9/16/1987	9:52	0.3	20.3	8.4	217
1987	7	98	4		101	42	1.426	73	56.456	9/16/1987	10:02	0.3	20.4	8.4	213
1987	7	99	6		99	42	2.02	73	55.73	9/16/1987	9:34	0.3	20	8	222
1987	7	105	4		97	42	7.68	73	55.13	9/16/1987	9:08	0.3	19.5	7.9	225
1987	7	106	4		96	42	8.147	73	54.796	9/16/1987	8:55	0.3	19.8	7.7	223
1987	7	115	6		79	42	14.8	73	49	9/16/1987	8:15	0.3	19.8	7.5	228
1987	7	116	4		78					9/16/1987	7:47	0.3	19.4	8	223
1987	7	116	6		77	42	15.02	73	48.31	9/15/1987	18:21	0.3	20.6	8	215
1987	7	119	6		71	42	17.16	73	46.8	9/15/1987	16:22	0.3	21.9	9.7	220
1987	7	119	6		72	42	16.82	73	47.28	9/15/1987	16:10	0.3	20.5	8.7	229
1987	7	121	4		65	42	19.307	73	47.217	9/15/1987	15:04	0.3	20.1	9.3	229
1987	7	121	4		68	42	18.53	73	47.1	9/15/1987	15:48	0.3	21.6	9.2	217
1987	7	121	6		66	42	19.33	73	46.85	9/15/1987	15:30	0.3	20.9	8.9	226
1987	7	123	4		59					9/15/1987	14:43	0.3	21.1	9.5	228
1987	7	124	6		57	42	21.28	73	47.32	9/15/1987	14:24	0.3	20.8	9.2	224
1987	7	133	4		29	42	29.09	73	47.273	9/15/1987	13:24	0.3	21	10.3	227
1987	7	134	4		27	42	30.17	73	46.88	9/15/1987	13:05	0.3	20.8	10.5	227
1987	7	138	4		22	42	33.36	73	45.42	9/15/1987	12:22	0.3	20.2	9.1	211
1987	7	139	4		15	42	34.32	73	45.25	9/15/1987	11:46	0.3	20.5	9.6	209
1987	7	139	4		19	42	34.03	73	45.26	9/15/1987	12:00	0.3	21.2	9.9	214
1987	7	142	6		8	42	36.82	73	45.4	9/15/1987	11:11	0.3	20	8.8	187
1987	7	145	6		4	42	39.51	73	44.09	9/15/1987	10:47	0.3	19.5	8.9	188
1987	8	14	4		266	40	52.925	73	56.648	9/29/1987	11:30	0.3	20.1	6	9375
1987	8	15	4		264	40	53.57	73	56.32	9/29/1987	10:58	0.3	20	4.8	9837
1987	8	22	6		256	40	59.97	73	53.05	9/29/1987	12:09	0.3	20	5.7	5637

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1987	8	23	6		255	41	0.74	73	52.83	9/30/1987	12:30	0.3	20	5.4	4974
1987	8	24	6		252	41	2.057	73	52.505	10/1/1987	10:52	0.3	19.3	8.1	7180
1987	8	25	4		250	41	2.86	73	55.07	9/29/1987	10:38	0.3	20.3	10.3	6260
1987	8	25	4		250	41	2.86	73	55.07	10/1/1987	10:01	0.3	18.4	9.5	6747
1987	8	25	4		270	41	2.783	73	55.05	10/1/1987	10:19	0.3	18.7	8.8	6704
1987	8	25	6		251	41	2.46	73	52.42	9/29/1987	11:01	0.3	19.9	8.9	5649
1987	8	26	4		271	41	3.77	73	55.22	9/29/1987	10:22	0.3	20.2	9.6	5723
1987	8	26	4		271	41	3.77	73	55.22	10/1/1987	9:08	0.3	18.1	6.5	6906
1987	8	26	4		283	41	8.34	73	54.4	10/1/1987	9:32	0.3	18.3	8.7	6647
1987	8	26	6		247	41	3.891	73	52.077	9/29/1987	11:31	0.3	20.8	8.2	5325
1987	8	26	6		248	41	3.273	73	52.221	9/29/1987	11:17	0.3	20.7	8.3	5445
1987	8	26	6		247	41	3.891	73	52.077	10/1/1987	11:41	0.3	18.6	9.2	4099
1987	8	26	6		249	41	2.67	73	52.3	10/1/1987	11:18	0.3	19	8.6	7000
1987	8	27	4		272	41	4.49	73	55.14	9/29/1987	10:04	0.3	20	7.7	5084
1987	8	27	4		245	41	4.19	73	55.21	10/1/1987	8:45	0.3	18.4	8.9	6404
1987	8	28	6		243	41	5.683	73	52.214	9/29/1987	11:52	0.3	21.3	8.3	4517
1987	8	29	4		242	41	6.1	73	54.88	9/29/1987	9:34	0.3	19.9	9	5538
1987	8	30	4		241	41	7.14	73	54.77	9/29/1987	9:07	0.3	18.8	9.1	4433
1987	8	31	4		285	41	3.607	73	55.196	9/29/1987	8:45	0.3	20.3	8.1	4163
1987	8	32	4		239	41	8.81	73	54.6	9/29/1987	8:21	0.3	20.2	7.9	3962
1987	8	32	4		240	41	8.48	73	54.42	9/29/1987	8:36	0.3	20.1	8.3	4246
1987	8	32	6		237	41	9.274	73	52.181	10/1/1987	13:03	0.3	19.2	8.8	3710
1987	8	32	6		238	41	8.85	73	52.123	10/1/1987	12:08	0.3	19.3	8.9	3478
1987	8	32	6		269	41	9.445	73	52.243	10/1/1987	12:46	0.3	19.1	8.8	3492
1987	8	33	6		236	41	9.79	73	52.202	10/1/1987	13:29	0.3	18.4	9.3	3660
1987	8	34	6		233	41	10.662	73	53.922	9/28/1987	13:44	0.3	21.2	8.9	3653
1987	8	34	6		234	41	10.19	73	53.93	9/28/1987	14:02	0.3	21.6	10.4	4114
1987	8	35	4		229	41	10.59	73	56.41	9/28/1987	14:32	0.3	21.8	7.2	2075
1987	8	35	4		277	41	10.95	73	57.06	9/28/1987	14:45	0.3	21.9	7.4	2294
1987	8	35	6		231	41	11.23	73	53.69	9/28/1987	12:35	0.3	21.2	8.2	3643
1987	8	35	6		274	41	11.17	73	53.71	9/28/1987	13:05	0.3	21	9.2	3701
1987	8	36	4		226	41	11.8	73	57.5	9/28/1987	15:20	0.3	22.5	7	1909
1987	8	36	4		282	41	11.2	73	57.17	9/28/1987	15:07	0.3	22.6	7.4	2198
1987	8	36	6		276	41	12.17	73	53.51	9/28/1987	12:09	0.3	21.1	9.5	3456
1987	8	37	4		224					9/29/1987	15:04	0.3	22.9	8.4	1727
1987	8	38	4		221	41	13.43	73	57.79	9/29/1987	14:19	0.3	23.1	8.2	1450
1987	8	38	4		222	41	12.979	73	57.867	9/29/1987	14:27	0.3	22.9	8.1	1352
1987	8	38	4		279	41	13.36	73	57.82	9/29/1987	14:44	0.3	22.9	8	1415
1987	8	40	4		209	41	14.97	73	58	9/29/1987	13:57	0.3	23	8.6	934
1987	8	40	5		210	41	14.87	73	57.74	9/29/1987	13:28	0.3	22.6	7.9	1361
1987	8	42	4		206	41	16.412	73	58.1	9/28/1987	8:32	0.3	19.8	6.2	988
1987	8	43	6		205	41	16.413	73	56.551	9/28/1987	10:10	0.3	18.8	8.7	964
1987	8	46	4		198	41	19.7	73	59	9/28/1987	9:16	0.3	19.9	6.9	434

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1987	8	48	4		197	41	20.86	73	58.08	10/2/1987	16:44	0.3	16.9	10.8	2540
1987	8	49	4		196	41	21.16	73	57.74	10/1/1987	8:47	0.3	19.2	8.4	226
1987	8	52	6		193	41	24.12	73	57.31	10/2/1987	17:03	0.3	18.8	9	2789
1987	8	52	6		194	41	24.12	73	56.81	10/2/1987	17:19	0.3	19.7	8.9	2892
1987	8	53	6		191	41	24.882	73	57.554	10/2/1987	16:19	0.3	19.2	10.5	1484
1987	8	56	4		187	41	26.83	74	0.5	10/2/1987	15:49	0.3	18.9	10.7	1007
1987	8	58	4		183	41	28.02	74	0.87	10/2/1987	14:59	0.3	19.8	11.8	533
1987	8	58	4		184	41	27.78	74	0.7	10/2/1987	15:23	0.3	18.5	10.7	742
1987	8	59	6		180	41	29.08	73	59.37	10/2/1987	14:12	0.3	18.4	9.8	314
1987	8	59	6		181	41	29.04	73	59.33	10/2/1987	14:28	0.3	18.4	10.5	412
1987	8	60	6		177	41	29.52	73	59.24	10/2/1987	13:51	0.3	17.9	10.1	277
1987	8	64	4		163	41	33.48	73	59.05	10/2/1987	12:33	0.3	18.7	8.7	216
1987	8	64	4		164	41	33.37	73	59.18	10/2/1987	12:54	0.3	19.1	8.5	214
1987	8	64	6		165	41	32.66	73	58.52	10/2/1987	13:20	0.3	17.5	10.3	255
1987	8	66	4		160	41	34.777	73	57.753	10/2/1987	12:10	0.3	18.8	8.7	221
1987	8	69	6		156	41	37.03	73	56.88	10/2/1987	11:40	0.3	18.2	8.2	207
1987	8	78	4		139	41	44.786	73	56.758	9/30/1987	17:28	0.3	17.9	8.2	221
1987	8	80	6		137	41	46.14	73	56.82	9/30/1987	17:15	0.3	17.8	8	222
1987	8	81	4		135	41	47.474	73	57.457	9/30/1987	16:32	0.3	17.5	8.9	220
1987	8	84	4		129	41	50.61	73	57.28	9/30/1987	16:07	0.3	17.5	8.6	224
1987	8	85	6		127	41	51.18	73	56.5	9/30/1987	15:51	0.3	17.2	8.7	223
1987	8	89	6		121	41	53.84	73	57.04	9/30/1987	15:07	0.3	17.4	8.7	223
1987	8	90	6		120	41	54.02	73	57.2	9/30/1987	14:37	0.3	17.4	9.4	222
1987	8	91	6		119	41	55.847	73	56.774	9/30/1987	13:40	0.3	17.5	8.6	223
1987	8	93	4		116	41	57.05	73	57.77	9/30/1987	12:35	0.3	17.1	9.4	269
1987	8	93	6		117	41	57.036	73	56.721	9/30/1987	13:06	0.3	17.3	9.4	220
1987	8	94	4		115	41	57.78	73	57.47	9/30/1987	12:21	0.3	17	9.2	389
1987	8	96	4		105	42	0.22	73	56.65	9/30/1987	11:47	0.3	16.9	9.1	240
1987	8	96	4		110	41	59.4	73	56.94	9/30/1987	12:00	0.3	17	9.9	259
1987	8	97	4		103	42	0.5	73	56.51	9/30/1987	11:33	0.3	16.8	10	226
1987	8	98	4		100	42	1.67	73	56.54	9/30/1987	10:56	0.3	16.8	9.5	204
1987	8	98	4		101	42	1.426	73	56.456	9/30/1987	11:18	0.3	16.8	9.6	214
1987	8	99	6		99	42	2.02	73	55.73	9/30/1987	10:37	0.3	16.8	8.9	204
1987	8	105	4		97	42	7.68	73	55.13	9/30/1987	10:07	0.3	16.4	9.7	201
1987	8	106	4		96	42	8.147	73	54.796	9/30/1987	9:52	0.3	16.4	9.2	214
1987	8	110	6		90	42	11.04	73	51.38	9/30/1987	9:17	0.3	16.4	9.2	204
1987	8	111	6		89					9/30/1987	9:00	0.3	16.4	9.2	190
1987	8	112	4		88	42	12.69	73	51.26	9/29/1987	17:29	0.3	16.9	9.8	190
1987	8	113	4		86	42	13.12	73	51.33	9/29/1987	17:14	0.3	16.8	10.2	191
1987	8	115	4		80	42	14.8	73	49.1	9/29/1987	16:38	0.3	19.8	12.4	208
1987	8	115	6		79	42	14.8	73	49	9/29/1987	16:20	0.3	17.4	10.3	201
1987	8	116	4		78					9/29/1987	15:39	0.3	19.5	12.7	193
1987	8	118	4		75	42	16.12	73	47.49	9/29/1987	15:14	0.3	20.8	11.3	189

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1987	8	121	4		68	42	18.53	73	47.1	9/29/1987	14:47	0.3	17.5	10	192
1987	8	121	6		67	42	18.82	73	46.89	9/29/1987	14:23	0.3	19.4	10.5	203
1987	8	127	6		47	42	23.853	73	46.901	9/29/1987	13:44	0.3	18.5	12	193
1987	8	128	6		45					9/29/1987	13:19	0.3	18.1	10.3	178
1987	8	130	4		37	42	26.76	73	47.22	9/29/1987	12:32	0.3	16.8	11.6	207
1987	8	130	6		36					9/29/1987	12:12	0.3	16.6	11.2	176
1987	8	133	4		29	42	29.09	73	47.273	9/29/1987	11:41	0.3	16.7	11.1	191
1987	8	135	4		25	42	31.16	73	46.06	9/29/1987	11:02	0.3	16.7	11.6	203
1987	8	139	4		18	42	34.14	73	45.24	9/29/1987	10:32	0.3	16.9	11.4	172
1987	9	14	4		265					10/15/1987	12:15	0.3	14.2	9.7	3387
1987	9	15	4		263	40	54.252	73	55.961	10/15/1987	11:57	0.3	14.8	10	3403
1987	9	16	4		262	40	54.9	73	55.7	10/15/1987	11:46	0.3	14.6	10.3	2884
1987	9	21	6		257	40	59.13	73	53.13	10/15/1987	12:45	0.3	15.6	9.7	3769
1987	9	23	6		254	41	1.086	73	52.681	10/15/1987	13:32	0.3	15.2	9.6	2073
1987	9	24	6		252	41	2.057	73	52.505	10/15/1987	13:45	0.3	15.5	9.8	1949
1987	9	25	4		250	41	2.86	73	55.07	10/15/1987	10:29	0.3	12.6	11.1	449
1987	9	25	4		270	41	2.783	73	55.05	10/15/1987	10:42	0.3	12.6	10.2	481
1987	9	25	4		284	41	2.57	73	54.94	10/15/1987	10:55	0.3	13	10.5	516
1987	9	25	6		251	41	2.46	73	52.42	10/15/1987	13:58	0.3	15.3	9.7	1713
1987	9	26	4		271	41	3.77	73	55.22	10/15/1987	10:01	0.3	12.7	10.5	435
1987	9	26	4		283	41	8.34	73	54.4	10/15/1987	10:14	0.3	12.6	10.8	442
1987	9	26	6		247	41	3.891	73	52.077	10/15/1987	14:38	0.3	15.5	10	1852
1987	9	26	6		248	41	3.273	73	52.221	10/15/1987	14:23	0.3	15.2	9.8	1840
1987	9	26	6		249	41	2.67	73	52.3	10/15/1987	14:11	0.3	15.2	9.5	1840
1987	9	27	4		245	41	4.19	73	55.21	10/15/1987	9:42	0.3	12.5	10.9	381
1987	9	27	4		272	41	4.49	73	55.14	10/15/1987	9:27	0.3	12.3	10	432
1987	9	28	6		243	41	5.683	73	52.214	10/15/1987	15:07	0.3	14.6	10.7	1517
1987	9	28	6		244	41	5.33	73	52.33	10/15/1987	14:53	0.3	14.9	10.5	1222
1987	9	29	4		242	41	6.1	73	54.88	10/15/1987	9:07	0.3	12.4	10.6	366
1987	9	30	4		241	41	7.14	73	54.77	10/15/1987	8:48	0.3	12	10	356
1987	9	30	4		241	41	7.14	73	54.77	10/16/1987	9:16	0.3	13.8	10.1	1241
1987	9	31	4		285	41	3.607	73	55.196	10/15/1987	8:24	0.3	13.4	9.9	1175
1987	9	32	4		239	41	8.81	73	54.6	10/15/1987	7:52	0.3	14.2	9.9	978
1987	9	32	4		240	41	8.48	73	54.42	10/15/1987	8:10	0.3	13.7	9.7	1205
1987	9	32	6		237	41	9.274	73	52.181	10/15/1987	15:56	0.3	15.5	10.4	828
1987	9	32	6		238	41	8.85	73	52.123	10/15/1987	15:35	0.3	15.2	10.6	883
1987	9	32	6		269	41	9.445	73	52.243	10/15/1987	16:13	0.3	14.4	10.1	862
1987	9	33	6		236	41	9.79	73	52.202	10/15/1987	16:24	0.3	14.9	10.9	766
1987	9	34	6		233	41	10.662	73	53.922	10/15/1987	16:48	0.3	15	11.3	400
1987	9	35	4		230	41	10.59	73	56.39	10/15/1987	16:26	0.3	15.5	10	1218
1987	9	35	4		277	41	10.95	73	57.06	10/15/1987	16:05	0.3	15.8	10.6	617
1987	9	35	6		231	41	11.23	73	53.69	10/15/1987	17:32	0.3	15.6	11.4	293
1987	9	35	6		274	41	11.17	73	53.71	10/15/1987	17:03	0.3	16.2	10.5	301

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1987	9	35	6		275	41	11.31	73	53.54	10/15/1987	17:38	0.3	15.5	11.3	292
1987	9	36	4		227	41	11.02	73	57.41	10/15/1987	15:43	0.3	16.4	10.9	896
1987	9	36	4		226	41	11.8	73	57.5	10/16/1987	8:34	0.3	15.2	9.3	1705
1987	9	36	6		228	41	12.25	73	53.5	10/16/1987	9:43	0.3	13	10.4	284
1987	9	38	4		221	41	13.43	73	57.79	10/15/1987	13:56	0.3	16.1	10.6	1202
1987	9	38	4		222	41	12.979	73	57.867	10/15/1987	14:44	0.3	16.3	10	1185
1987	9	38	4		223	41	12.89	73	57.806	10/15/1987	15:19	0.3	16.4	10.2	1170
1987	9	38	4		278	41	12.96	73	57.828	10/15/1987	15:05	0.3	16.1	10.2	1154
1987	9	38	4		280	41	13.4	73	57.81	10/15/1987	14:17	0.3	16.9	10.1	1134
1987	9	39	4		216	41	13.48	73	57.84	10/15/1987	13:25	0.3	14.5	10.4	1109
1987	9	40	4		209	41	14.97	73	58	10/15/1987	12:11	0.3	16.2	9.3	573
1987	9	40	6		213	41	14.64	73	57.15	10/15/1987	13:01	0.3	15.9	10.9	761
1987	9	41	6		208	41	15.72	73	50.84	10/15/1987	11:51	0.3	16.6	9	713
1987	9	43	6		203	41	16.91	73	56.26	10/15/1987	11:21	0.3	12.7	10.5	327
1987	9	49	4		196	41	21.16	73	57.74	10/15/1987	10:44	0.3	13.2	10.1	212
1987	9	52	6		194	41	24.12	73	56.81	10/15/1987	10:15	0.3	12.9	10.1	213
1987	9	53	6		191	41	24.882	73	57.554	10/15/1987	9:58	0.3	12.8	10.4	250
1987	9	54	6		190	41	24.961	73	57.702	10/15/1987	9:47	0.3	12.8	9.9	214
1987	9	55	6		189	41	25.66	73	58.14	10/15/1987	9:22	0.3	12	10.4	211
1987	9	56	4		187	41	26.83	74	0.5	10/15/1987	9:04	0.3	12.2	10	210
1987	9	57	4		185	41	27.68	74	0.73	10/15/1987	8:10	0.3	11	10.2	235
1987	9	57	4		186	41	27.28	74	0.8	10/15/1987	8:24	0.3	10.7	10.3	231
1987	9	58	4		184	41	27.78	74	0.7	10/15/1987	8:43	0.3	11.2	10.5	229
1987	9	59	6		181	41	29.04	73	59.33	10/14/1987	17:45	0.3	11.9	11.3	226
1987	9	60	6		178	41	29.25	73	59.32	10/14/1987	17:32	0.3	12.2	11.1	223
1987	9	63	6		169	41	32.07	73	58.83	10/14/1987	17:03	0.3	13.3	11.1	191
1987	9	69	6		156	41	37.03	73	56.88	10/14/1987	15:53	0.3	12.7	10	192
1987	9	69	6		157	41	36.97	73	56.85	10/14/1987	16:01	0.3	13.1	10.2	194
1987	9	71	4		153	41	39.06	73	57.257	10/14/1987	15:29	0.3	12.3	10.6	182
1987	9	72	4		151	41	40.04	73	57.11	10/14/1987	15:10	0.3	12	10.3	183
1987	9	81	4		135	41	47.474	73	57.457	10/14/1987	14:36	0.3	11.5	11	184
1987	9	83	4		133	41	48.74	73	57.19	10/14/1987	14:16	0.3	11.3	11.1	174
1987	9	84	4		129	41	50.61	73	57.28	10/14/1987	13:29	0.3	11.5	11.2	186
1987	9	84	6		130	41	50.19	73	56.63	10/14/1987	13:49	0.3	12.5	11.4	183
1987	9	85	6		127	41	51.18	73	56.5	10/14/1987	13:12	0.3	11.3	10.9	184
1987	9	88	6		122	41	53.023	73	56.214	10/14/1987	12:50	0.3	11.1	11.4	183
1987	9	89	6		121	41	53.84	73	57.04	10/14/1987	12:34	0.3	11	11.4	180
1987	9	90	6		120	41	54.02	73	57.2	10/14/1987	12:19	0.3	11.4	11.4	183
1987	9	92	4		118	41	56.32	73	58.1	10/14/1987	9:11	0.3	8.9	11.6	215
1987	9	93	4		116	41	57.05	73	57.77	10/14/1987	9:42	0.3	10.1	11.1	255
1987	9	95	4		111	41	59.083	73	57.079	10/14/1987	10:14	0.3	10.5	11.7	193
1987	9	96	4		105	42	0.22	73	56.65	10/14/1987	11:16	0.3	10.7	11.7	180
1987	9	96	4		108	41	59.76	73	56.81	10/14/1987	10:59	0.3	11	11.2	184

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1987	9	96	4		110	41	59.4	73	56.94	10/14/1987	10:43	0.3	10.4	11.3	181
1987	9	97	4		103	42	0.5	73	56.51	10/14/1987	11:29	0.3	11.1	11.3	183
1987	9	98	4		101	42	1.426	73	56.456	10/14/1987	11:41	0.3	10.7	12	177
1987	9	99	6		99	42	2.02	73	55.73	10/13/1987	17:40	0.3	11.1	11.7	191
1987	9	105	4		97	42	7.68	73	55.13	10/13/1987	17:00	0.3	11.3	11.1	189
1987	9	105	4		98	42	7.33	73	55.3	10/13/1987	17:16	0.3	10.7	11.2	188
1987	9	106	4		96	42	8.147	73	54.796	10/13/1987	16:36	0.3	10.7	11.6	207
1987	9	112	4		88	42	12.69	73	51.26	10/13/1987	16:04	0.3	12	11.7	187
1987	9	114	4		81	42	14.39	73	50.549	10/13/1987	14:55	0.3	12.5	11.2	183
1987	9	114	4		82	42	14.31	73	50.58	10/13/1987	15:21	0.3	13.2	11.3	181
1987	9	114	4		83	42	14.26	73	50.71	10/13/1987	15:45	0.3	11.4	11.2	187
1987	9	116	6		77	42	15.02	73	48.31	10/13/1987	14:36	0.3	11.2	11.5	192
1987	9	119	6		69	42	17.29	73	46.78	10/13/1987	14:00	0.3	11.8	11.6	187
1987	9	119	6		72	42	16.82	73	47.28	10/13/1987	14:19	0.3	11.5	11.5	179
1987	9	121	6		66	42	19.33	73	46.85	10/13/1987	13:42	0.3	11.8	11.3	183
1987	9	123	4		59					10/13/1987	13:21	0.3	11.8	11.4	184
1987	9	124	6		57	42	21.28	73	47.32	10/13/1987	13:07	0.3	11.3	11.6	182
1987	9	126	4		48	42	23.65	73	47.38	10/13/1987	12:15	0.3	11.1	11.5	183
1987	9	126	4		49	42	23.4	73	47.52	10/13/1987	12:38	0.3	11.2	11.4	184
1987	9	129	6		42	42	25.226	73	46.523	10/13/1987	11:59	0.3	10.6	11.7	180
1987	9	131	6		34					10/13/1987	11:28	0.3	11.2	11.6	202
1987	9	132	4		32	42	28.13	73	47.21	10/13/1987	11:11	0.3	10.2	11.9	194
1987	9	134	4		28	42	30.027	73	46.913	10/13/1987	10:16	0.3	10.4	11.7	189
1987	9	138	4		23	42	33.14	73	45.46	10/13/1987	10:42	0.3	10.9	11.9	179
1987	10	14	4		266	40	52.925	73	56.648	10/27/1987	13:05	0.3	13.9	8.3	15155
1987	10	15	4		263	40	54.252	73	55.961	10/27/1987	13:42	0.3	13.9	7.8	16418
1987	10	16	4		262	40	54.9	73	55.7	10/27/1987	14:24	0.3	13.7	8.8	15098
1987	10	18	4		260	40	56.889	73	55.1	10/27/1987	14:43	0.3	13.3	8.7	12932
1987	10	21	6		257	40	59.13	73	53.13	10/27/1987	12:24	0.3	13.8	9.3	11266
1987	10	24	6		252	41	2.057	73	52.505	10/27/1987	11:22	0.3	13.2	9.5	9753
1987	10	24	6		252	41	2.057	73	52.505	10/29/1987	11:23	0.3	13.1	9.8	6431
1987	10	25	4		250	41	2.86	73	55.07	10/28/1987	10:13	0.3	13.5	9.8	9176
1987	10	25	4		270	41	2.783	73	55.05	10/28/1987	9:53	0.3	13.3	10	9091
1987	10	25	6		251	41	2.46	73	52.42	10/29/1987	10:43	0.3	12.6	9.7	6636
1987	10	26	4		271	41	3.77	73	55.22	10/28/1987	10:31	0.3	13.2	9.8	9112
1987	10	26	4		283	41	8.34	73	54.4	10/29/1987	11:39	0.3	12.9	9.8	7753
1987	10	26	6		248	41	3.273	73	52.221	10/27/1987	10:37	0.3	12.2	9.3	9851
1987	10	26	6		249	41	2.67	73	52.3	10/27/1987	11:00	0.3	13	9.5	9282
1987	10	26	6		247	41	3.891	73	52.077	10/29/1987	10:28	0.3	12.8	9.6	6347
1987	10	27	4		245	41	4.19	73	55.21	10/28/1987	10:53	0.3	13.1	9.6	9004
1987	10	27	4		272	41	4.49	73	55.14	10/29/1987	11:56	0.3	13	9.6	7091
1987	10	28	6		243	41	5.683	73	52.214	10/27/1987	9:47	0.3	12.1	9.1	8557
1987	10	28	6		244	41	5.33	73	52.33	10/27/1987	10:19	0.3	12.1	9.8	8689

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1987	10	28	6		244	41	5.33	73	52.33	10/29/1987	10:09	0.3	12.8	9.5	5181
1987	10	29	4		242	41	6.1	73	54.88	10/29/1987	12:12	0.3	13.6	9.5	4959
1987	10	30	4		241	41	7.14	73	54.77	10/28/1987	11:17	0.3	13.9	9.8	7830
1987	10	31	4		285	41	3.607	73	55.196	10/29/1987	12:29	0.3	13.5	9.4	3377
1987	10	32	4		239	41	8.81	73	54.6	10/29/1987	14:10	0.3	13	9.5	2965
1987	10	32	4		240	41	8.48	73	54.42	10/29/1987	13:59	0.3	13.6	9.2	3777
1987	10	32	6		238	41	8.85	73	52.123	10/27/1987	9:30	0.3	12.5	9.8	7565
1987	10	32	6		269	41	9.445	73	52.243	10/27/1987	9:13	0.3	12.2	10.5	7749
1987	10	32	6		237	41	9.274	73	52.181	10/29/1987	9:43	0.3	12.1	10.4	4858
1987	10	33	6		236	41	9.79	73	52.202	10/29/1987	9:16	0.3	11.8	10	4839
1987	10	34	6		234	41	10.19	73	53.93	10/28/1987	12:52	0.3	13.6	10.5	6612
1987	10	35	4		277	41	10.95	73	57.06	10/26/1987	15:22	0.3	13.5	8.7	7520
1987	10	35	4		229	41	10.59	73	56.41	10/28/1987	12:31	0.3	14.1	9.4	5029
1987	10	35	4		230	41	10.59	73	56.39	10/28/1987	12:15	0.3	14.1	9.6	5305
1987	10	35	6		274	41	11.17	73	53.71	10/28/1987	13:08	0.3	13.4	10.2	6285
1987	10	35	6		275	41	11.31	73	53.54	10/29/1987	8:59	0.3	12.1	9.7	4805
1987	10	36	4		226	41	11.8	73	57.5	10/26/1987	14:37	0.3	13.8	8.7	5975
1987	10	36	4		282	41	11.2	73	57.17	10/26/1987	15:00	0.3	14.2	8.6	5795
1987	10	36	6		228	41	12.25	73	53.5	10/29/1987	8:44	0.3	12.5	9.7	4891
1987	10	37	4		224					10/26/1987	14:10	0.3	14.5	9.6	5108
1987	10	38	4		222	41	12.979	73	57.867	10/26/1987	13:30	0.3	14.7	9.2	5085
1987	10	38	4		279	41	13.36	73	57.82	10/26/1987	13:42	0.3	14.9	9.2	5186
1987	10	38	4		280	41	13.4	73	57.81	10/26/1987	13:55	0.3	15	9.2	5174
1987	10	38	6		220					10/26/1987	15:45	0.3	13.6	9.3	5913
1987	10	40	6		210	41	14.87	73	57.74	10/26/1987	12:35	0.3	14	9	5166
1987	10	40	6		212					10/26/1987	12:52	0.3	14.1	9	5155
1987	10	40	6		213	41	14.64	73	57.15	10/26/1987	13:12	0.3	14.5	9.7	4548
1987	10	42	6		207	41	15.3	73	57.8	10/26/1987	12:20	0.3	14.2	9	3261
1987	10	46	6		199	41	19.42	73	58.77	10/26/1987	11:45	0.3	13	9.3	1650
1987	10	49	4		196	41	21.16	73	57.74	10/29/1987	16:15	0.3	11.2	9.9	204
1987	10	52	6		193	41	24.12	73	57.31	10/29/1987	15:50	0.3	11.4	9.8	198
1987	10	53	4		192	41	24.19	73	57.95	10/29/1987	15:27	0.3	11.3	10.3	199
1987	10	53	6		191	41	24.882	73	57.554	10/29/1987	15:15	0.3	11.4	10	206
1987	10	55	6		189	41	25.66	73	58.14	10/29/1987	14:57	0.3	11.5	10	200
1987	10	57	4		186	41	27.28	74	0.8	10/29/1987	14:35	0.3	10.4	11.2	219
1987	10	58	6		182	41	28.2	73	59.12	10/29/1987	14:20	0.3	10.5	10.6	216
1987	10	59	6		180	41	29.08	73	59.37	10/29/1987	13:12	0.3	10.9	10.5	232
1987	10	59	6		181	41	29.04	73	59.33	10/29/1987	12:39	0.3	11.1	10.7	233
1987	10	60	6		177	41	29.52	73	59.24	10/29/1987	13:51	0.3	11.1	10.7	216
1987	10	60	6		178	41	29.25	73	59.32	10/29/1987	13:29	0.3	10.8	10.6	231
1987	10	66	4		160	41	34.777	73	57.753	10/29/1987	11:42	0.3	11.7	11	199
1987	10	66	6		161	41	34.88	73	56.84	10/29/1987	12:02	0.3	10.2	10.8	273
1987	10	69	4		155	41	37.44	73	57.43	10/29/1987	11:07	0.3	11.4	11.3	211

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1987	10	71	4		153	41	39.06	73	57.257	10/29/1987	10:40	0.3	10.7	10.4	201
1987	10	76	4		144					10/29/1987	10:08	0.3	8.9	11.1	229
1987	10	77	6		142	41	43.92	73	56.14	10/29/1987	9:48	0.3	10.7	11	204
1987	10	80	6		137	41	46.14	73	56.82	10/28/1987	13:55	0.3	11.2	10.4	199
1987	10	81	4		135	41	47.474	73	57.457	10/28/1987	13:23	0.3	11.4	10.3	201
1987	10	83	4		131	41	49.33	73	57.31	10/28/1987	12:45	0.3	11.6	10.4	210
1987	10	84	4		129	41	50.61	73	57.28	10/28/1987	11:50	0.3	11.2	10.2	202
1987	10	87	4		123	41	52.616	73	57.292	10/28/1987	11:25	0.3	11.5	11.1	198
1987	10	88	6		122	41	53.023	73	56.214	10/28/1987	10:52	0.3	11.1	10.5	205
1987	10	89	6		121	41	53.84	73	57.04	10/27/1987	14:51	0.3	11.1	10.5	213
1987	10	90	6		120	41	54.02	73	57.2	10/28/1987	10:33	0.3	11	11	208
1987	10	91	6		119	41	55.847	73	56.774	10/28/1987	10:08	0.3	11	10.5	203
1987	10	96	4		105	42	0.22	73	56.65	10/27/1987	13:03	0.3	12.5	11.1	218
1987	10	96	4		108	41	59.76	73	56.81	10/27/1987	13:20	0.3	11.6	11.8	213
1987	10	96	6		106	42	59.99	73	55.94	10/27/1987	14:12	0.3	11.1	10.9	213
1987	10	96	6		107	41	59.89	73	55.93	10/27/1987	13:47	0.3	11.1	12.2	243
1987	10	97	4		103	42	0.5	73	56.51	10/27/1987	12:47	0.3	11.7	11	215
1987	10	98	4		100	42	1.67	73	56.54	10/27/1987	12:28	0.3	11.6	11.3	213
1987	10	105	4		97	42	7.68	73	55.13	10/27/1987	11:17	0.3	10.2	11.8	264
1987	10	105	4		98	42	7.33	73	55.3	10/27/1987	11:41	0.3	11.1	11.2	210
1987	10	106	4		96	42	8.147	73	54.796	10/27/1987	10:49	0.3	11.1	11.3	264
1987	10	112	4		88	42	12.69	73	51.26	10/27/1987	10:04	0.3	10.8	11.8	206
1987	10	114	4		81	42	14.39	73	50.549	10/27/1987	8:53	0.3	9.8	11.1	193
1987	10	114	4		83	42	14.26	73	50.71	10/27/1987	8:35	0.3	10.1	11.4	193
1987	10	117	4		76	42	15.84	73	47.69	10/27/1987	9:17	0.3	9.4	11	195
1987	10	118	4		75	42	16.12	73	47.49	10/27/1987	9:31	0.3	9.5	10.8	196
1987	10	121	4		68	42	18.53	73	47.1	10/26/1987	14:20	0.3	14	10.8	183
1987	10	121	6		67	42	18.82	73	46.89	10/26/1987	14:07	0.3	11.8	10.7	200
1987	10	123	4		59					10/26/1987	13:39	0.3	12.7	11.2	196
1987	10	124	4		58					10/26/1987	13:11	0.3	11.5	10.9	194
1987	10	124	6		56	42	21.49	73	47.29	10/26/1987	12:59	0.3	12.4	11.4	182
1987	10	127	4		46	42	24.35	73	47.08	10/26/1987	12:29	0.3	11.6	12	189
1987	10	128	4		44	42	25	73	46.99	10/26/1987	12:03	0.3	11.6	10.7	186
1987	10	129	4		41	42	25.79	73	46.99	10/26/1987	11:04	0.3	11.2	10.9	198
1987	10	129	6		38	42	26.05	73	46.82	10/26/1987	10:50	0.3	11.7	11.1	206
1987	10	129	6		42	42	25.226	73	46.523	10/26/1987	11:33	0.3	11	11.4	205
1987	10	130	4		37	42	26.76	73	47.22	10/26/1987	10:21	0.3	11	11.3	219
1987	10	135	6		26	42	30.91	73	46.27	10/26/1987	10:07	0.3	10.5	11.3	191
1987	11	12	4		268					11/10/1987	13:17	0.3	10	10.6	5122
1987	11	13	4		267					11/10/1987	13:02	0.3	9.9	10.7	4441
1987	11	14	4		265					11/10/1987	12:44	0.3	9.8	10.8	3798
1987	11	16	4		262	40	54.9	73	55.7	11/10/1987	12:24	0.3	9.4	11.2	2964
1987	11	18	4		260	40	56.889	73	55.1	11/10/1987	11:58	0.3	9.5	11	2102

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1987	11	25	4		250	41	2.86	73	55.07	11/10/1987	10:55	0.3	8.4	11.5	490
1987	11	25	4		270	41	2.783	73	55.05	11/10/1987	11:12	0.3	8.3	11.6	506
1987	11	25	4		250	41	2.86	73	55.07	11/13/1987	9:40	0.3	7.9	11.2	3721
1987	11	25	6		251	41	2.46	73	52.42	11/13/1987	10:00	0.3	7.9	12	3531
1987	11	26	4		271	41	3.77	73	55.22	11/10/1987	10:15	0.3	8.5	11.4	348
1987	11	26	4		283	41	8.34	73	54.4	11/10/1987	10:32	0.3	8.6	11.7	460
1987	11	26	4		271	41	3.77	73	55.22	11/13/1987	9:16	0.3	7	12.2	2689
1987	11	26	4		283	41	8.34	73	54.4	11/13/1987	9:30	0.3	7.4	12	3119
1987	11	26	6		247	41	3.891	73	52.077	11/13/1987	10:12	0.3	7.2	12.8	3403
1987	11	27	4		245	41	4.19	73	55.21	11/10/1987	9:58	0.3	8.7	11.1	480
1987	11	27	4		272	41	4.49	73	55.14	11/13/1987	9:05	0.3	7.7	11.6	3608
1987	11	28	6		243	41	5.683	73	52.214	11/13/1987	10:35	0.3	8	12.1	2649
1987	11	28	6		244	41	5.33	73	52.33	11/13/1987	10:23	0.3	7.6	12	2779
1987	11	29	4		242	41	6.1	73	54.88	11/10/1987	9:27	0.3	8.6	11.7	1820
1987	11	30	4		241	41	7.14	73	54.77	11/10/1987	9:03	0.3	8.2	11.7	320
1987	11	31	4		285	41	3.607	73	55.196	11/10/1987	8:43	0.3	9.2	11.5	309
1987	11	32	4		239	41	8.81	73	54.6	11/10/1987	8:13	0.3	9.8	12.2	250
1987	11	32	4		240	41	8.48	73	54.42	11/10/1987	8:25	0.3	9.4	11.7	268
1987	11	32	4		239	41	8.81	73	54.6	11/12/1987	13:39	0.3	9.8	11.8	2226
1987	11	32	4		240	41	8.48	73	54.42	11/13/1987	8:37	0.3	8.2	12.6	3070
1987	11	32	6		237	41	9.274	73	52.181	11/13/1987	11:04	0.3	7.8	12	1639
1987	11	32	6		238	41	8.85	73	52.123	11/13/1987	10:53	0.3	7.4	12	1759
1987	11	32	6		269	41	9.445	73	52.243	11/13/1987	11:15	0.3	7.6	12.2	1632
1987	11	33	6		236	41	9.79	73	52.202	11/13/1987	11:26	0.3	7.7	12.3	1027
1987	11	34	6		234	41	10.19	73	53.93	11/13/1987	11:43	0.3	8.4	13.9	1455
1987	11	35	4		229	41	10.59	73	56.41	11/12/1987	13:14	0.3	8.5	12	1035
1987	11	35	4		230	41	10.59	73	56.39	11/12/1987	13:23	0.3	9	11.5	1419
1987	11	35	4		277	41	10.95	73	57.06	11/12/1987	13:04	0.3	9.2	11.1	1299
1987	11	35	6		275	41	11.31	73	53.54	11/13/1987	11:56	0.3	8.2	12.4	811
1987	11	36	4		226	41	11.8	73	57.5	11/12/1987	12:41	0.3	9.2	11.3	1398
1987	11	36	4		281	41	11.13	73	57.16	11/12/1987	12:54	0.3	9.2	11.3	1313
1987	11	37	4		224					11/12/1987	11:53	0.3	9	12	851
1987	11	37	4		225	41	12.096	73	57.458	11/12/1987	12:02	0.3	10	11.9	1121
1987	11	38	4		220					11/12/1987	11:12	0.3	9.5	11.2	981
1987	11	38	4		221	41	13.43	73	57.79	11/12/1987	10:46	0.3	9.5	11	981
1987	11	38	4		223	41	12.89	73	57.806	11/12/1987	11:41	0.3	9.8	12.2	1238
1987	11	38	4		278	41	12.96	73	57.828	11/12/1987	11:30	0.3	9.8	11.2	1544
1987	11	38	4		280	41	13.4	73	57.81	11/12/1987	11:02	0.3	9.5	11	981
1987	11	39	6		217	41	14.098	73	56.682	11/12/1987	14:33	0.3	8.8	11.9	2139
1987	11	40	4		214	41	14.31	73	58.5	11/12/1987	14:12	0.3	6.5	12	1938
1987	11	40	6		213	41	14.64	73	57.15	11/12/1987	14:46	0.3	9.5	11.8	1822
1987	11	43	6		203	41	16.91	73	56.26	11/12/1987	15:20	0.3	7.2	12.4	587
1987	11	43	6		204	41	16.693	73	56.484	11/12/1987	15:03	0.3	7.8	12	541

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1987	11	49	4		196	41	21.16	73	57.74	11/12/1987	16:10	0.3	8.4	11	226
1987	11	53	6		191	41	24.882	73	57.554	11/12/1987	15:42	0.3	7.9	12	225
1987	11	54	6		190	41	24.961	73	57.702	11/12/1987	15:30	0.3	7.7	12	377
1987	11	55	6		189	41	25.66	73	58.14	11/12/1987	15:18	0.3	6.9	12.7	229
1987	11	56	4		188	41	26.47	73	59.66	11/12/1987	15:04	0.3	6.8	11.9	252
1987	11	57	4		185	41	27.68	74	0.73	11/12/1987	14:46	0.3	7.8	12.2	234
1987	11	57	4		186	41	27.28	74	0.8	11/12/1987	14:53	0.3	7.4	12.1	239
1987	11	58	4		184	41	27.78	74	0.7	11/12/1987	14:40	0.3	6.9	12	228
1987	11	59	6		178	41	29.25	73	59.32	11/12/1987	13:56	0.3	6.8	12.8	228
1987	11	59	6		179	41	29.24	73	59.34	11/12/1987	14:25	0.3	5.8	12.8	233
1987	11	62	4		173	41	31.59	74	0.28	11/12/1987	13:37	0.3	7	12	241
1987	11	62	6		172	41	31.54	73	58.97	11/12/1987	13:26	0.3	7.7	12	246
1987	11	69	4		155	41	37.44	73	57.43	11/12/1987	13:03	0.3	8	11.3	220
1987	11	71	4		153	41	39.06	73	57.257	11/12/1987	12:48	0.3	8.2	12.3	219
1987	11	72	4		151	41	40.04	73	57.11	11/12/1987	12:37	0.3	4	14.2	468
1987	11	82	4		134	41	48.51	73	57.22	11/12/1987	12:06	0.3	7	12.2	193
1987	11	83	4		131	41	49.33	73	57.31	11/12/1987	11:52	0.3	6.6	12.3	186
1987	11	84	4		129	41	50.61	73	57.28	11/12/1987	11:37	0.3	7.3	12.5	193
1987	11	85	4		128					11/12/1987	11:26	0.3	6.7	12.8	185
1987	11	85	6		127	41	51.18	73	56.5	11/12/1987	11:17	0.3	5.6	12.9	188
1987	11	89	6		121	41	53.84	73	57.04	11/12/1987	11:03	0.3	6.6	12.7	186
1987	11	90	6		120	41	54.02	73	57.2	11/12/1987	10:51	0.3	6.2	13	191
1987	11	92	4		118	41	56.32	73	58.1	11/12/1987	8:16	0.3	5	12.8	341
1987	11	93	4		116	41	57.05	73	57.77	11/12/1987	8:36	0.3	5.9	12.7	292
1987	11	93	6		117	41	57.036	73	56.721	11/12/1987	10:36	0.3	6	12.9	198
1987	11	94	4		113	41	58.38	73	57.25	11/12/1987	9:01	0.3	5.4	12.4	247
1987	11	94	4		115	41	57.78	73	57.47	11/12/1987	8:16	0.3	5.4	12.7	261
1987	11	95	4		111	41	59.083	73	57.079	11/12/1987	9:40	0.3	5.9	12.7	232
1987	11	95	6		112	41	58.238	73	56.123	11/12/1987	9:29	0.3	5.9	13.1	234
1987	11	96	4		110	41	59.4	73	56.94	11/12/1987	9:52	0.3	5.5	13.1	215
1987	11	96	6		109	41	59.43	73	56.012	11/12/1987	10:13	0.3	6	13	207
1987	11	97	4		102	42	0.83	73	56.38	11/11/1987	16:05	0.3	5.6	12.6	180
1987	11	98	4		101	42	1.426	73	56.456	11/11/1987	15:48	0.3	5.9	12.9	199
1987	11	105	4		98	42	7.33	73	55.3	11/11/1987	15:20	0.3	5.9	12.8	183
1987	11	113	4		86	42	13.12	73	51.33	11/11/1987	14:43	0.3	5.4	12.9	179
1987	11	115	6		79	42	14.8	73	49	11/11/1987	13:53	0.3	5.5	13.1	185
1987	11	115	6		80	42	14.8	73	49.1	11/11/1987	14:21	0.3	4.8	13.1	192
1987	11	118	4		73	42	16.76	73	47.67	11/11/1987	13:25	0.3	5.8	13.1	176
1987	11	118	4		75	42	16.12	73	47.49	11/11/1987	13:37	0.3	3.5	13.5	181
1987	11	119	6		71	42	17.16	73	46.8	11/11/1987	13:15	0.3	2	15	192
1987	11	121	6		66	42	19.33	73	46.85	11/11/1987	13:03	0.3	5.8	13.1	176
1987	11	122	4		63	42	19.84	73	47.18	11/11/1987	12:54	0.3	5.8	13.1	179
1987	11	123	4		59					11/11/1987	12:17	0.3	6	12.9	176

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1987	11	123	4		60	42	20.64	73	47.39	11/11/1987	12:38	0.3	5.3	13.4	194
1987	11	126	4		48	42	23.65	73	47.38	11/11/1987	11:56	0.3	6	13.1	176
1987	11	127	4		46	42	24.35	73	47.08	11/11/1987	11:37	0.3	5.1	13.5	183
1987	11	129	6		42	42	25.226	73	46.523	11/11/1987	11:22	0.3	6	13.3	176
1987	11	130	6		36					11/11/1987	11:07	0.3	5.5	13.7	173
1987	11	131	4		33	42	28.06	73	47.13	11/11/1987	10:53	0.3	6	13.5	198
1987	11	135	4		25	42	31.16	73	46.06	11/11/1987	10:30	0.3	5.9	13.4	178
1987	11	137	6		24	42	32.262	73	45.288	11/11/1987	10:10	0.3	6	13.3	187
1988	1	14	4	4	265					6/14/1988	16:50	0.3	24.2	7.1	14379
1988	1	15	4	4	264	40	53.57	73	56.32	6/14/1988	16:14	0.3	23	8	14636
1988	1	23	6	4	256	40	59.97	73	53.05	6/14/1988	15:36	0.3	23.5	8.5	9451
1988	1	25	6	4	251	41	2.46	73	52.42	6/14/1988	17:31	0.3	23.2	8.3	10234
1988	1	26	4	4	271	41	3.77	73	55.22	6/14/1988	15:03	0.3	24.8	9.9	8002
1988	1	27	4	4	245	41	4.19	73	55.21	6/14/1988	14:48	0.3	24.6	11.1	7432
1988	1	28	6	4	243	41	5.683	73	52.214	6/14/1988	18:08	0.3	26.8	10.3	6241
1988	1	28	6	4	244	41	5.33	73	52.33	6/14/1988	17:53	0.3	23.5	9.4	7397
1988	1	30	4	4	241	41	7.14	73	54.77	6/14/1988	14:23	0.3	26.3	10.9	5917
1988	1	31	4	4	285	41	3.607	73	55.196	6/14/1988	14:00	0.3	26.5	9.9	5023
1988	1	32	4	2	239	41	8.81	73	54.6	6/14/1988	10:17	0.3	21.8	8.3	4747
1988	1	32	4	4	240	41	8.48	73	54.42	6/14/1988	13:37	0.3	23.8	8.4	5615
1988	1	32	6	2	237	41	9.274	73	52.181	6/14/1988	18:54	0.3	28.8	11.8	4886
1988	1	32	6	2	238	41	8.85	73	52.123	6/14/1988	18:37	0.3	27.8	11.6	4619
1988	1	34	6	4	234	41	10.19	73	53.93	6/17/1988	7:56	0.3	22.4	9.8	5118
1988	1	35	6	4	231	41	11.23	73	53.69	6/17/1988	8:29	0.3	23.8	8.3	4196
1988	1	35	6	4	232	41	11.172	73	53.996	6/17/1988	8:14	0.3	22.9	7.6	4462
1988	1	36	6	4	228	41	12.25	73	53.5	6/17/1988	8:43	0.3	22.8	8.4	4399
1988	1	38	4	4	222	41	12.979	73	57.867	6/17/1988	7:37	0.3	22.5	7.4	3451
1988	1	38	4	4	280	41	13.4	73	57.81	6/17/1988	7:27	0.3	22.6	7.8	3444
1988	1	38	6	4	220					6/17/1988	8:56	0.3	22.7	7.7	4450
1988	1	40	6	4	211	41	14.88	73	57.6	6/17/1988	9:45	0.3	23.1	7.4	4133
1988	1	43	6	4	202	41	17.12	73	55.98	6/17/1988	10:04	0.3	21.9	7.7	1529
1988	1	43	6	4	203	41	16.91	73	56.26	6/17/1988	10:20	0.3	22	7.8	1463
1988	1	49	4	4	196	41	21.16	73	57.74	6/17/1988	10:46	0.3	21.3	7.9	260
1988	1	53	4	4	191	41	24.882	73	57.554	6/17/1988	11:21	0.3	21.6	8	240
1988	1	53	4	4	192	41	24.19	73	57.95	6/17/1988	11:08	0.3	22.2	8.5	262
1988	1	56	4	4	188	41	26.47	73	59.66	6/17/1988	11:42	0.3	23.5	8.1	216
1988	1	57	4	4	185	41	27.68	74	0.73	6/17/1988	11:56	0.3	23.5	9	231
1988	1	58	4	4	183	41	28.02	74	0.87	6/17/1988	12:06	0.3	22.9	8.4	225
1988	1	62	4	4	171	41	32.19	73	59.91	6/17/1988	12:27	0.3	22.9	9.8	226
1988	1	62	6	4	170	41	31.8	73	58.98	6/17/1988	12:40	0.3	23.1	8.5	220
1988	1	63	4	4	166					6/17/1988	13:11	0.3	22.5	8.9	226
1988	1	63	6	4	168	41	32.3	73	58.633	6/17/1988	12:56	0.3	22.7	8.4	220
1988	1	64	4	2	163	41	33.48	73	59.05	6/17/1988	13:22	0.3	22.2	8.5	233

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1988	1	65	4	2	162	41	33.99	73	58.39	6/17/1988	13:36	0.3	22.5	8.7	230
1988	1	69	6	2	156	41	37.03	73	56.88	6/17/1988	14:20	0.3	21.3	8	232
1988	1	69	6	2	157	41	36.97	73	56.85	6/17/1988	14:31	0.3	21.5		229
1988	1	80	6	4	137	41	46.14	73	56.82	6/16/1988	19:17	0.3	21	7.8	208
1988	1	81	4	4	135	41	47.474	73	57.457	6/16/1988	18:57	0.3	21	8	205
1988	1	82	4	4	134	41	48.51	73	57.22	6/16/1988	18:44	0.3	21.1	8.1	204
1988	1	83	4	4	131	41	49.33	73	57.31	6/16/1988	18:20	0.3	21.5	8.3	203
1988	1	83	4	4	133	41	48.74	73	57.19	6/16/1988	18:33	0.3	21.1	8.1	204
1988	1	84	4	4	129	41	50.61	73	57.28	6/16/1988	17:57	0.3	21.9	8.5	205
1988	1	84	6	4	130	41	50.19	73	56.63	6/16/1988	18:08	0.3	22	8.4	203
1988	1	85	6	4	127	41	51.18	73	56.5	6/16/1988	17:48	0.3	21.3	8.1	206
1988	1	86	6	4	125	41	51.75	73	55.89	6/16/1988	17:38	0.3	21.3	8.4	204
1988	1	88	6	4	122	41	53.023	73	56.214	6/16/1988	17:24	0.3	22.5	8.4	205
1988	1	89	6	4	121	41	53.84	73	57.04	6/16/1988	17:17	0.3	22.2	8.4	206
1988	1	90	6	4	120	41	54.02	73	57.2	6/16/1988	17:09	0.3	23.8	8.9	203
1988	1	91	6	2	119	41	55.847	73	56.774	6/16/1988	16:26	0.3	24	8.6	203
1988	1	92	4	2	118	41	56.32	73	58.1	6/16/1988	15:46	0.3	23	9.2	210
1988	1	93	4	2	116	41	57.05	73	57.77	6/16/1988	15:29	0.3	22.5	8.7	208
1988	1	93	6	2	117	41	57.036	73	56.721	6/16/1988	16:10	0.3	23.4	8.7	206
1988	1	94	4	2	113	41	58.38	73	57.25	6/16/1988	14:40	0.3	22.3	8.7	203
1988	1	94	4	2	115	41	57.78	73	57.47	6/16/1988	15:07	0.3	23	9.1	207
1988	1	94	6	2	114	41	58.085	73	56.467	6/16/1988	14:24	0.3	22.9	8.9	207
1988	1	95	4	2	111	41	59.083	73	57.079	6/16/1988	13:58	0.3	23.2	8.8	206
1988	1	95	6	2	112	41	58.238	73	56.123	6/16/1988	14:12	0.3	23	8.7	208
1988	1	96	4	4	105	42	0.22	73	56.65	6/16/1988	13:11	0.3	25.4	9.3	206
1988	1	96	4	2	108	41	59.76	73	56.81	6/16/1988	13:20	0.3	24.1	9	208
1988	1	96	4	2	110	41	59.4	73	56.94	6/16/1988	13:35	0.3	23.6	9	206
1988	1	97	4	1	102	42	0.83	73	56.38	6/16/1988	12:42	0.3	22.9	8.7	230
1988	1	97	4	4	103	42	0.5	73	56.51	6/16/1988	12:56	0.3	25	8.8	203
1988	1	98	4	4	100	42	1.67	73	56.54	6/16/1988	11:59	0.3	23.7	8.7	207
1988	1	98	4	4	101	42	1.426	73	56.456	6/16/1988	12:13	0.3	23.3	8.8	211
1988	1	105	4	4	97	42	7.68	73	55.13	6/16/1988	10:56	0.3	23.5	9	208
1988	1	105	4	4	98	42	7.33	73	55.3	6/16/1988	11:28	0.3	23.4	8.5	211
1988	1	106	4	4	96	42	8.147	73	54.796	6/16/1988	10:40	0.3	23.9	8.5	235
1988	1	109	6	4	92	42	10.27	73	52.32	6/16/1988	10:20	0.3	23.1	9	219
1988	1	110	6	4	90	42	11.04	73	51.38	6/16/1988	9:31	0.3	22.6	8.3	212
1988	1	111	6	4	89					6/16/1988	9:56	0.3	22.9	9	210
1988	1	112	4	4	88	42	12.69	73	51.26	6/16/1988	7:45	0.3	21.8	8.7	209
1988	1	113	6	4	87	42	13.32	73	50.85	6/16/1988	8:01	0.3	22.1	8.5	214
1988	1	114	4	4	82	42	14.31	73	50.58	6/16/1988	8:39	0.3	22.3	8.7	217
1988	1	114	4	4	83	42	14.26	73	50.71	6/16/1988	8:14	0.3	22.2	8.8	217
1988	1	115	6	4	79	42	14.8	73	49	6/16/1988	9:06	0.3	22.6	8.9	216
1988	1	115	6	4	80	42	14.8	73	49.1	6/16/1988	8:52	0.3	22.4	8.9	222

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1988	1	116	4	4	78					6/15/1988	18:51	0.3	24.4	9.5	211
1988	1	116	6	4	77	42	15.02	73	48.31	6/15/1988	18:34	0.3	22.5	9.7	209
1988	1	117	4	4	76	42	15.84	73	47.69	6/15/1988	18:22	0.3	24	10	214
1988	1	119	6	2	69	42	17.29	73	46.78	6/15/1988	17:42	0.3	22.6	10.2	219
1988	1	119	6	4	71	42	17.16	73	46.8	6/15/1988	18:06	0.3	23.7	10.4	218
1988	1	121	4	2	65	42	19.307	73	47.217	6/15/1988	17:16	0.3	22.6	10.3	220
1988	1	121	4	2	68	42	18.53	73	47.1	6/15/1988	17:28	0.3	23.4	10.8	218
1988	1	122	4	2	63	42	19.84	73	47.18	6/15/1988	17:04	0.3	22.6	10.4	220
1988	1	122	6	2	62	42	20.105	73	46.848	6/15/1988	16:51	0.3	23.8	10.3	220
1988	1	123	4	2	59					6/15/1988	16:36	0.3	24.2	10.8	223
1988	1	126	4	2	49	42	23.4	73	47.52	6/15/1988	16:18	0.3	24	11.5	220
1988	1	127	4	2	46	42	24.35	73	47.08	6/15/1988	15:34	0.3	27	12	232
1988	1	127	6	2	47	42	23.853	73	46.901	6/15/1988	16:05	0.3	22.9	11.2	240
1988	1	129	4	2	41	42	25.79	73	46.99	6/15/1988	15:17	0.3	24.2	11.5	241
1988	1	129	6	2	42	42	25.226	73	46.523	6/15/1988	15:29	0.3	23.1	10.8	242
1988	1	131	4	2	35	42	27.8	73	47.1	6/15/1988	14:45	0.3	23.5	10.6	237
1988	1	132	5	2	31	42	28.65	73	47.09	6/15/1988	14:26	0.3	23.8	9.5	230
1988	1	137	6	2	24	42	32.262	73	45.288	6/14/1988	13:58	0.3	26.7	8.4	247
1988	1	138	4	4	21	42	33.51	73	45.33	6/15/1988	13:22	0.3	25.5	7.7	248
1988	1	145	6	4	5	42	39.19	73	44.41	6/15/1988	12:01	0.3	23.3	8.3	248
1988	1	148	6	4	3	42	41.41	73	42.584	6/15/1988	11:40	0.3	23.9	8.4	245
1988	1	149	6	4	2	42	42	73	42.07	6/15/1988	11:27	0.3	23.6	8.4	202
1988	2	16	4	1	262	40	54.9	73	55.7	6/27/1988	15:39	0.3	26.5	7.2	15263
1988	2	18	4	1	260	40	56.889	73	55.1	6/27/1988	15:06	0.3	25.1	8	13122
1988	2	23	6	2	255	41	0.74	73	52.83	6/27/1988	16:02	0.3	22.8	10.2	11466
1988	2	24	6	2	252	41	2.057	73	52.505	6/27/1988	16:38	0.3	24.2	9.7	11240
1988	2	25	4	4	250	41	2.86	73	55.07	6/27/1988	14:06	0.3	24.5	9.4	10466
1988	2	25	4	4	270	41	2.783	73	55.05	6/27/1988	14:34	0.3	24.8	9.5	10102
1988	2	25	6	2	251	41	2.46	73	52.42	6/27/1988	16:51	0.3	23.8	9.9	11231
1988	2	26	4	4	271	41	3.77	73	55.22	6/27/1988	13:50	0.3	24.1	10	10248
1988	2	26	6	2	248	41	3.273	73	52.221	6/27/1988	17:06	0.3	24.5	10.3	10466
1988	2	27	4	4	245	41	4.19	73	55.21	6/27/1988	13:32	0.3	24.2	11.9	10126
1988	2	28	6	2	244	41	5.33	73	52.33	6/27/1988	17:21	0.3	24.2	10.2	9215
1988	2	30	4	4	241	41	7.14	73	54.77	6/27/1988	13:05	0.3	24.5	11	8051
1988	2	32	4	4	239	41	8.81	73	54.6	6/27/1988	12:49	0.3	23	8.7	7785
1988	2	32	6	2	237	41	9.274	73	52.181	6/27/1988	17:43	0.3	23.8	9.4	7657
1988	2	35	4	4	229	41	10.59	73	56.41	6/27/1988	12:29	0.3	24	8.4	6507
1988	2	35	6	2	231	41	11.23	73	53.69	6/27/1988	18:11	0.3	26	9.4	5270
1988	2	35	6	2	274	41	11.17	73	53.71	6/27/1988	18:01	0.3	25.2	8.9	5456
1988	2	36	4	4	226	41	11.8	73	57.5	6/27/1988	11:57	0.3	24	8.2	6813
1988	2	36	4	4	281	41	11.13	73	57.16	6/27/1988	12:09	0.3	23.8	9.6	6636
1988	2	38	4	4	279	41	13.36	73	57.82	6/27/1988	11:36	0.3	24	7.8	6101
1988	2	38	4	4	280	41	13.4	73	57.81	6/27/1988	11:24	0.3	24	7.8	5999

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1988	2	39	4	4	216	41	13.48	73	57.84	6/27/1988	11:15	0.3	24	8	5389
1988	2	43	6	4	202	41	17.12	73	55.98	6/28/1988	6:54	0.3	22.1	8.5	4051
1988	2	43	6	4	203	41	16.91	73	56.26	6/28/1988	6:30	0.3	22.1	9.3	4125
1988	2	49	4	4	196	41	21.16	73	57.74	6/28/1988	7:26	0.3	22.8	6.8	2439
1988	2	51	6	4	195	41	22.87	73	50.61	6/28/1988	7:45	0.3	22.3	6.6	2370
1988	2	53	6	4	191	41	24.882	73	57.554	6/28/1988	8:10	0.3	22.5	7.2	1311
1988	2	57	4	4	186	41	27.28	74	0.8	6/28/1988	9:08	0.3	23.4	7.8	8133
1988	2	59	6	4	179	41	29.24	73	59.34	6/28/1988	8:52	0.3	21.6	5.4	4617
1988	2	59	6	4	180	41	29.08	73	59.37	6/28/1988	8:35	0.3	21.5	5.3	3909
1988	2	62	4	4	171	41	32.19	73	59.91	6/30/1988	16:38	0.3	24	7.9	264
1988	2	62	6	4	172	41	31.54	73	58.97	6/30/1988	16:21	0.3	23	8.5	265
1988	2	64	4	3	164	41	33.37	73	59.18	6/30/1988	15:54	0.3	24	8.1	300
1988	2	64	6	4	165	41	32.66	73	58.52	6/30/1988	16:08	0.3	23.1	8.5	284
1988	2	65	4	3	162	41	33.99	73	58.39	6/30/1988	15:37	0.3	23.8	7.1	276
1988	2	66	4	2	160	41	34.777	73	57.753	6/30/1988	15:14	0.3	24	8.7	214
1988	2	68	4	2	159	41	36.49	73	57.64	6/30/1988	14:45	0.3	23.3	8.7	204
1988	2	69	6	2	157	41	36.97	73	56.85	6/30/1988	14:29	0.3	23.9	7.5	208
1988	2	77	6	2	143	41	43.83	73	56.16	6/30/1988	13:53	0.3	22.9	7.5	200
1988	2	80	6	2	137	41	46.14	73	56.82	6/30/1988	13:28	0.3	22.8	7.4	204
1988	2	81	4	2	135	41	47.474	73	57.457	6/30/1988	12:56	0.3	22.8	7.5	214
1988	2	82	4	2	134	41	48.51	73	57.22	6/30/1988	12:28	0.3	22.5	7.6	211
1988	2	83	4	2	131	41	49.33	73	57.31	6/30/1988	11:49	0.3	23	8	216
1988	2	83	4	2	133	41	48.74	73	57.19	6/30/1988	12:09	0.3	22.8	7.4	203
1988	2	84	4	2	129	41	50.61	73	57.28	6/30/1988	11:29	0.3	23.1	8.6	218
1988	2	85	4	2	128					6/30/1988	11:13	0.3	22.5	9.9	214
1988	2	86	6	2	126	41	51.44	73	56.97	6/30/1988	10:59	0.3	22.3	8	213
1988	2	87	6	2	123	41	52.616	73	57.292	6/30/1988	10:40	0.3	22.5	10.1	201
1988	2	89	6	2	121	41	53.84	73	57.04	6/30/1988	10:17	0.3	22.8	8.6	216
1988	2	90	6	2	120	41	54.02	73	57.2	6/30/1988	9:51	0.3	22.2	8.3	211
1988	2	91	6	2	119	41	55.847	73	56.774	6/30/1988	9:34	0.3	22.1	8.5	214
1988	2	92	4	4	118	41	56.32	73	58.1	6/29/1988	6:41	0.3	21.4	8.9	245
1988	2	93	4	4	116	41	57.05	73	57.77	6/30/1988	6:57	0.3	22.1	8.2	235
1988	2	93	6	1	117	41	57.036	73	56.721	6/30/1988	9:11	0.3	21.8	8.2	214
1988	2	94	4	4	115	41	57.78	73	57.47	6/29/1988	7:09	0.3	22	8.5	247
1988	2	94	4	4	113	41	58.38	73	57.25	6/30/1988	7:24	0.3	22.1	8.5	247
1988	2	94	6	1	114	41	58.085	73	56.467	6/30/1988	8:55	0.3	22	8.4	210
1988	2	95	4	4	111	41	59.083	73	57.079	6/30/1988	7:36	0.3	21.8	8.3	249
1988	2	95	6	1	112	41	58.238	73	56.123	6/30/1988	8:34	0.3	22.5	8.1	209
1988	2	96	4	4	105	42	0.22	73	56.65	6/29/1988	19:14	0.3	22.5	9	219
1988	2	96	4	4	108	41	59.76	73	56.81	6/30/1988	7:59	0.3	22.2	8.3	232
1988	2	96	4	4	110	41	59.4	73	56.94	6/30/1988	7:47	0.3	22	8.8	250
1988	2	97	4	4	102	42	0.83	73	56.38	6/29/1988	18:52	0.3	22.5	8.6	234
1988	2	97	4	4	103	42	0.5	73	56.51	6/29/1988	19:04	0.3	22.8	9.8	229

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1988	2	97	6	1	104	42	0.26	73	55.792	6/30/1988	8:15	0.3	21.5	8.5	223
1988	2	98	4	4	100	42	1.67	73	56.54	6/29/1988	18:31	0.3	22	8.9	236
1988	2	98	4	4	101	42	1.426	73	56.456	6/29/1988	18:37	0.3	22	8.9	237
1988	2	105	4	4	98	42	7.33	73	55.3	6/29/1988	18:09	0.3	23	9.7	243
1988	2	106	4	4	96	42	8.147	73	54.796	6/29/1988	17:57	0.3	23	9.5	227
1988	2	107	4	4	95	42	8.94	73	54.32	6/29/1988	17:38	0.3	23.8	10.2	245
1988	2	108	6	3	94	42	9.56	73	53.18	6/29/1988	17:24	0.3	23.8	10.8	225
1988	2	110	6	3	90	42	11.04	73	51.38	6/29/1988	16:55	0.3	24.8	11.7	242
1988	2	110	6	3	91	42	10.9	73	51.53	6/29/1988	17:14	0.3	24	12.2	247
1988	2	111	6	3	89					6/29/1988	16:40	0.3	23.7	10.4	226
1988	2	112	4	3	88	42	12.69	73	51.26	6/29/1988	16:03	0.3	23.9	10.2	224
1988	2	113	4	2	86	42	13.12	73	51.33	6/29/1988	15:53	0.3	23.7	9.6	225
1988	2	114	4	2	81	42	14.39	73	50.549	6/29/1988	15:37	0.3	24	10.2	229
1988	2	114	4	2	83	42	14.26	73	50.71	6/29/1988	15:23	0.3	24.2	10.4	225
1988	2	115	4	2	79	42	14.8	73	49	6/29/1988	15:05	0.3	23.8	10.2	246
1988	2	116	6	2	77	42	15.02	73	48.31	6/29/1988	14:32	0.3	24.1	10.4	233
1988	2	118	4	2	73	42	16.76	73	47.67	6/29/1988	14:19	0.3	23.8	8.2	245
1988	2	119	4	2	72	42	16.82	73	47.28	6/29/1988	14:11	0.3	24.1	9	258
1988	2	121	6	2	66	42	19.33	73	46.85	6/29/1988	13:42	0.3	24.8	9.2	238
1988	2	121	6	2	67	42	18.82	73	46.89	6/29/1988	13:53	0.3	24	9	236
1988	2	122	6	2	64	42	19.9	73	46.8	6/29/1988	13:25	0.3	24	9.6	254
1988	2	123	4	2	59					6/29/1988	12:59	0.3	25	8.5	239
1988	2	124	6	3	57	42	21.28	73	47.32	6/29/1988	12:38	0.3	25.5	10	233
1988	2	128	6	1	45					6/29/1988	12:14	0.3	24.5	8.6	262
1988	2	129	6	4	40	42	25.67	73	46.67	6/29/1988	11:49	0.3	24.2	8.7	255
1988	2	131	4	4	35	42	27.8	73	47.1	6/29/1988	11:26	0.3	24.8	8.6	231
1988	2	131	6	4	34					6/29/1988	11:07	0.3	24.5	8.3	257
1988	2	132	4	4	30					6/29/1988	10:15	0.3	24	5.3	262
1988	2	132	4	4	32	42	28.13	73	47.21	6/29/1988	10:31	0.3	24.3	6.4	258
1988	2	134	4	4	27	42	30.17	73	46.88	6/29/1988	9:36	0.3	23.7	6.7	270
1988	2	134	4	4	28	42	30.027	73	46.913	6/29/1988	9:53	0.3	23.8	7.1	276
1988	2	135	4	4	25	42	31.16	73	46.06	6/29/1988	9:07	0.3	24	5.7	232
1988	2	139	4	4	19	42	34.03	73	45.26	6/29/1988	8:44	0.3	23.2	6.5	277
1988	2	140	4	4	10					6/29/1988	8:19	0.3	22.8	5.5	260
1988	2	145	6	4	5	42	39.19	73	44.41	6/29/1988	7:53	0.3	22	6.7	252
1988	3	14	4	4	266	40	52.925	73	56.648	7/12/1988	12:56	0.3	23.9	6	19563
1988	3	15	4	4	264	40	53.57	73	56.32	7/12/1988	12:39	0.3	24.2	7.3	18227
1988	3	16	4	4	262	40	54.9	73	55.7	7/12/1988	12:23	0.3	24	7.5	18099
1988	3	25	4	2	250	41	2.86	73	55.07	7/12/1988	11:41	0.3	26.1	6.1	13830
1988	3	26	4	2	283	41	8.34	73	54.4	7/12/1988	11:25	0.3	26	6.3	13761
1988	3	28	6	4	243	41	5.683	73	52.214	7/12/1988	15:07	0.3	26.2	8	10594
1988	3	28	6	4	244	41	5.33	73	52.33	7/12/1988	14:45	0.3	26.1	8.2	12564
1988	3	29	4	2	242	41	6.1	73	54.88	7/12/1988	11:01	0.3	25.4	6.3	12943

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1988	3	30	4	2	241	41	7.14	73	54.77	7/12/1988	10:40	0.3	25.5	6.2	11832
1988	3	31	4	2	285	41	3.607	73	55.196	7/12/1988	10:21	0.3	25.6	6.5	12299
1988	3	32	4	2	239	41	8.81	73	54.6	7/12/1988	9:49	0.3	25.7	6.4	10900
1988	3	32	4	2	240	41	8.48	73	54.42	7/12/1988	10:05	0.3	25.6	6.4	12398
1988	3	32	6	4	237	41	9.274	73	52.181	7/12/1988	15:29	0.3	27.4	9.8	10054
1988	3	33	6	4	236	41	9.79	73	52.202	7/12/1988	15:47	0.3	27.5	13.9	10412
1988	3	34	6	4	234	41	10.19	73	53.93	7/12/1988	16:16	0.3	27.2	11.2	10190
1988	3	35	6	4	232	41	11.172	73	53.996	7/12/1988	16:42	0.3	27.9	9	9671
1988	3	36	4	4	227	41	11.02	73	57.41	7/15/1988	9:26	0.3	26	8.5	9955
1988	3	37	4	4	225	41	12.096	73	57.458	7/15/1988	9:12	0.3	27.3	7.5	9599
1988	3	38	4	4	222	41	12.979	73	57.867	7/15/1988	8:28	0.3	26.9	6.9	8336
1988	3	38	4	4	278	41	12.96	73	57.828	7/15/1988	8:40	0.3	26.8	7.5	8545
1988	3	38	4	4	280	41	13.4	73	57.81	7/15/1988	8:08	0.3	26.3	8.2	8245
1988	3	39	4	4	215	41	13.62	73	58.34	7/15/1988	9:55	0.3	26.6	7.5	8195
1988	3	40	6	4	213	41	14.64	73	57.15	7/15/1988	10:12	0.3	25.2	7.7	9127
1988	3	46	6	4	199	41	19.42	73	58.77	7/15/1988	10:36	0.3	25.7	6	4213
1988	3	49	4	4	196	41	21.16	73	57.74	7/15/1988	11:02	0.3	25.4	6.6	3162
1988	3	52	6	4	194	41	24.12	73	56.81	7/15/1988	11:23	0.3	26.4	7.7	2730
1988	3	53	4	4	192	41	24.19	73	57.95	7/15/1988	11:38	0.3	25	7.6	1743
1988	3	56	4	4	187	41	26.83	74	0.5	7/15/1988	11:59	0.3	26.5	7.3	1439
1988	3	57	4	2	186	41	27.28	74	0.8	7/15/1988	12:14	0.3	26.5	7.4	1381
1988	3	58	4	2	184	41	27.78	74	0.7	7/15/1988	12:30	0.3	26.6	7	887
1988	3	62	4	4	171	41	32.19	73	59.91	7/14/1988	17:55	0.3	25.5	7.2	582
1988	3	63	6	2	166					7/14/1988	17:34	0.3	26.9	7.1	565
1988	3	64	4	3	163	41	33.48	73	59.05	7/14/1988	17:14	0.3	26.4	6.4	446
1988	3	69	6	2	156	41	37.03	73	56.88	7/14/1988	16:41	0.3	25.4	7.9	234
1988	3	69	6	2	158	41	36.94	73	56.81	7/14/1988	16:50	0.3	25.6	7.6	233
1988	3	71	4	2	153	41	39.06	73	57.257	7/14/1988	16:18	0.3	25.5	8.7	232
1988	3	74	4	2	147	41	41.29	73	56.8	7/14/1988	15:35	0.3	25.5	8.1	223
1988	3	74	6	2	149	41	41.064	73	56.289	7/14/1988	15:59	0.3	25.4	7.2	228
1988	3	81	4	2	135	41	47.474	73	57.457	7/14/1988	14:46	0.3	25.5	7.4	219
1988	3	81	6	2	136					7/14/1988	15:02	0.3	25.5	7.1	217
1988	3	82	4	2	134	41	48.51	73	57.22	7/14/1988	14:32	0.3	25.5	8.2	220
1988	3	83	4	2	131	41	49.33	73	57.31	7/14/1988	14:01	0.3	25	7.4	214
1988	3	83	4	2	133	41	48.74	73	57.19	7/14/1988	14:19	0.3	25.2	7.6	220
1988	3	84	4	2	129	41	50.61	73	57.28	7/14/1988	12:29	0.3	24.8	8.6	220
1988	3	84	6	2	130	41	50.19	73	56.63	7/14/1988	12:46	0.3	26.2	9.9	225
1988	3	85	4	2	128					7/14/1988	13:10	0.3	26.5	9.4	214
1988	3	86	6	2	125	41	51.75	73	55.89	7/14/1988	12:25	0.3	25.6	8.8	235
1988	3	89	6	2	121	41	53.84	73	57.04	7/14/1988	12:14	0.3	25.6	8.5	220
1988	3	90	6	2	120	41	54.02	73	57.2	7/14/1988	11:59	0.3	25.4	9.2	235
1988	3	91	6	1	119	41	55.847	73	56.774	7/14/1988	11:41	0.3	25.5	9.2	222
1988	3	92	4	4	118	41	56.32	73	58.1	7/14/1988	7:07	0.3	24.8	8.6	227

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	3	93	4	4	116	41	57.05	73	57.77	7/14/1988	7:33	0.3	25.3	9.1	246
1988	3	93	6	4	117	41	57.036	73	56.721	7/14/1988	11:30	0.3	25.8	8.8	233
1988	3	94	4	4	113	41	58.38	73	57.25	7/14/1988	7:58	0.3	25.2	8.6	227
1988	3	94	4	4	115	41	57.78	73	57.47	7/14/1988	7:47	0.3	25	8.2	228
1988	3	95	4	4	111	41	59.083	73	57.079	7/14/1988	8:17	0.3	25.2	8	229
1988	3	95	6	4	112	41	58.238	73	56.123	7/14/1988	11:13	0.3	26.2	9.1	227
1988	3	96	4	4	105	42	0.22	73	56.65	7/14/1988	8:59	0.3	25.3	8.5	232
1988	3	96	4	4	108	41	59.76	73	56.81	7/14/1988	8:47	0.3	25.1	8.2	240
1988	3	96	4	4	110	41	59.4	73	56.94	7/14/1988	8:31	0.3	25.1	8.6	242
1988	3	96	6	4	106	42	59.99	73	55.94	7/14/1988	10:44	0.3	25.6	8.4	234
1988	3	97	4	4	102	42	0.83	73	56.38	7/14/1988	9:29	0.3	25.4	8	236
1988	3	97	4	4	103	42	0.5	73	56.51	7/14/1988	9:13	0.3	25	8.1	231
1988	3	97	6	4	104	42	0.26	73	55.792	7/14/1988	10:31	0.3	25.5	8.7	234
1988	3	98	4	4	100	42	1.67	73	56.54	7/13/1988	9:58	0.3	25.9	8.1	233
1988	3	98	4	4	101	42	1.426	73	56.456	7/14/1988	9:45	0.3	26.4	8.7	229
1988	3	105	4	4	98	42	7.33	73	55.3	7/13/1988	18:26	0.3	26.6	9.4	239
1988	3	106	4	4	96	42	8.147	73	54.796	7/13/1988	18:12	0.3	26.4	8.9	250
1988	3	107	4	4	95	42	8.94	73	54.32	7/13/1988	17:56	0.3	27.8	8	252
1988	3	112	4	4	88	42	12.69	73	51.26	7/13/1988	17:34	0.3	27.5	9.5	241
1988	3	113	6	4	87	42	13.32	73	50.85	7/13/1988	17:15	0.3	28.1	7.8	236
1988	3	114	4	4	83	42	14.26	73	50.71	7/13/1988	17:01	0.3	28	8.5	231
1988	3	115	4	2	81	42	14.39	73	50.549	7/13/1988	16:47	0.3	27.5	9	232
1988	3	115	6	2	79	42	14.8	73	49	7/13/1988	16:34	0.3	28	9	253
1988	3	116	4	2	78					7/13/1988	16:25	0.3	27.9	9.3	254
1988	3	116	6	2	77	42	15.02	73	48.31	7/13/1988	16:12	0.3	28	9.1	246
1988	3	118	4	2	75	42	16.12	73	47.49	7/13/1988	16:00	0.3	27.4	9.8	233
1988	3	119	6	2	69	42	17.29	73	46.78	7/13/1988	15:46	0.3	28	9.5	251
1988	3	121	4	2	68	42	18.53	73	47.1	7/13/1988	15:19	0.3	26.9	8.5	239
1988	3	121	6	2	66	42	19.33	73	46.85	7/13/1988	15:06	0.3	28.9	9.1	230
1988	3	122	4	2	61	42	20.29	73	47.24	7/13/1988	14:27	0.3	26.9	8.2	258
1988	3	122	4	2	63	42	19.84	73	47.18	7/13/1988	14:43	0.3	27.6	7.9	250
1988	3	122	6	2	64	42	19.9	73	46.8	7/13/1988	14:56	0.3	28.5	9.2	228
1988	3	123	4	2	59					7/13/1988	13:55	0.3	28.9	8.6	257
1988	3	123	4	2	60	42	20.64	73	47.39	7/13/1988	14:11	0.3	28.3	8.2	252
1988	3	124	4	2	55	42	21.64	73	47.62	7/13/1988	13:22	0.3	27.6	9.2	250
1988	3	124	4	2	58					7/13/1988	13:42	0.3	28.8	8.5	250
1988	3	128	4	2	44	42	25	73	46.99	7/13/1988	12:58	0.3	30.3	8.2	243
1988	3	129	4	4	40	42	25.67	73	46.67	7/13/1988	12:06	0.3	27.3	9.8	248
1988	3	129	6	4	38	42	26.05	73	46.82	7/13/1988	11:50	0.3	27.2	7.1	218
1988	3	129	6	4	42	42	25.226	73	46.523	7/13/1988	12:28	0.3	28.2	10.7	239
1988	3	131	4	4	33	42	28.06	73	47.13	7/13/1988	11:33	0.3	26.9	5.5	241
1988	3	133	4	4	29	42	29.09	73	47.273	7/13/1988	11:13	0.3	27.8	7.2	235
1988	3	135	4	4	26	42	30.91	73	46.27	7/13/1988	10:41	0.3	28.1	7.8	241

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	3	138	4	4	20	42	33.5	73	45.35	7/13/1988	10:15	0.3	27.7	8	235
1988	3	139	4	4	18	42	34.14	73	45.24	7/13/1988	9:59	0.3	27.6	7.2	235
1988	3	140	4	4	12					7/13/1988	9:36	0.3	27.4	7	227
1988	3	148	6	4	3	42	41.41	73	42.584	7/13/1988	8:54	0.3	26.5	6	179
1988	3	149	6	4	2	42	42	73	42.07	7/13/1988	8:32	0.3	27.1	7.7	182
1988	4	15	4	2	263	40	54.252	73	55.961	7/26/1988	13:58	0.3	26.8	8	13634
1988	4	15	4	2	264	40	53.57	73	56.32	7/26/1988	13:48	0.3	26.9	9	13319
1988	4	16	4	2	262	40	54.9	73	55.7	7/26/1988	13:29	0.3	27	9.1	12814
1988	4	21	6	2	257	40	59.13	73	53.13	7/26/1988	15:16	0.3	26.2	8	13413
1988	4	22	6	2	256	40	59.97	73	53.05	7/26/1988	15:36	0.3	26.8	8.5	11522
1988	4	24	6	2	252	41	2.057	73	52.505	7/26/1988	15:52	0.3	26.8	8.1	10274
1988	4	25	4	4	250	41	2.86	73	55.07	7/26/1988	12:17	0.3	28.2	10.8	10266
1988	4	25	4	4	270	41	2.783	73	55.05	7/26/1988	12:33	0.3	27.9	10.8	10234
1988	4	25	4	4	284	41	2.57	73	54.94	7/26/1988	12:46	0.3	27.9	9.6	10140
1988	4	25	6	2	251	41	2.46	73	52.42	7/26/1988	16:06	0.3	26.8	8.4	10562
1988	4	26	4	4	271	41	3.77	73	55.22	7/26/1988	11:40	0.3	27.5	8.3	9655
1988	4	26	4	4	283	41	8.34	73	54.4	7/26/1988	11:51	0.3	28	8.5	9651
1988	4	26	6	2	247	41	3.891	73	52.077	7/26/1988	16:42	0.3	26.8	8.2	10754
1988	4	26	6	2	248	41	3.273	73	52.221	7/26/1988	16:28	0.3	26.8	8	10754
1988	4	26	6	2	249	41	2.67	73	52.3	7/26/1988	16:17	0.3	26.8	7.8	10562
1988	4	27	4	4	245	41	4.19	73	55.21	7/26/1988	11:28	0.3	27.8	8.5	9502
1988	4	27	4	4	272	41	4.49	73	55.14	7/26/1988	11:15	0.3	28	8.9	9370
1988	4	28	6	2	243	41	5.683	73	52.214	7/26/1988	17:04	0.3	26.5	8	9564
1988	4	28	6	2	244	41	5.33	73	52.33	7/26/1988	16:55	0.3	26.9	7.9	9678
1988	4	29	4	4	242	41	6.1	73	54.88	7/26/1988	10:58	0.3	27.2	2.7	9524
1988	4	30	4	4	241	41	7.14	73	54.77	7/26/1988	10:40	0.3	27.5	8.7	8993
1988	4	32	4	4	239	41	8.81	73	54.6	7/26/1988	9:56	0.3	27.8	7.8	8279
1988	4	32	4	4	240	41	8.48	73	54.42	7/26/1988	10:06	0.3	27.2	7.6	8571
1988	4	32	4	4	285	41	3.607	73	55.196	7/26/1988	10:21	0.3	27.2	8.7	9524
1988	4	32	4	2	240	41	8.48	73	54.42	7/29/1988	9:57	0.3	27.3	6.6	9599
1988	4	32	6	2	237	41	9.274	73	52.181	7/29/1988	10:24	0.3	27.3	8	10645
1988	4	32	6	2	238	41	8.85	73	52.123	7/29/1988	10:12	0.3	27.2	7.5	10667
1988	4	32	6	2	269	41	9.445	73	52.243	7/29/1988	10:33	0.3	27.4	8	10623
1988	4	33	6	2	236	41	9.79	73	52.202	7/29/1988	10:54	0.3	27.9	9.6	9859
1988	4	34	6	2	235	41	10.632	73	52.59	7/29/1988	11:06	0.3	28.5	9.6	8812
1988	4	35	4	2	229	41	10.59	73	56.41	7/29/1988	9:31	0.3	27.9	6.2	8075
1988	4	35	4	2	230	41	10.59	73	56.39	7/29/1988	9:39	0.3	28	6.8	8340
1988	4	35	6	2	231	41	11.23	73	53.69	7/29/1988	11:24	0.3	28	11.8	9183
1988	4	35	6	2	275	41	11.31	73	53.54	7/29/1988	11:36	0.3	28	11.6	8902
1988	4	36	4	2	226	41	11.8	73	57.5	7/29/1988	8:51	0.3	27.5	6.2	8709
1988	4	36	4	2	227	41	11.02	73	57.41	7/29/1988	9:22	0.3	27.2	7.6	8952
1988	4	36	4	2	279	41	13.36	73	57.82	7/29/1988	8:26	0.3	27.2	6.9	7809
1988	4	36	4	2	281	41	11.13	73	57.16	7/29/1988	9:10	0.3	27.1	6.8	8589

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	4	36	4	2	282	41	11.2	73	57.17	7/29/1988	9:01	0.3	27.3	7.3	9029
1988	4	37	4	2	225	41	12.096	73	57.458	7/29/1988	8:41	0.3	27.8	6.3	9032
1988	4	38	4	1	221	41	13.43	73	57.79	7/29/1988	7:59	0.3	27.5	6.6	7762
1988	4	38	4	2	222	41	12.979	73	57.867	7/29/1988	8:16	0.3	27.2	6.6	7905
1988	4	38	4	1	280	41	13.4	73	57.81	7/29/1988	8:07	0.3	27.2	6.6	7714
1988	4	40	6	4	210	41	14.87	73	57.74	7/28/1988	18:49	0.3	27.8	6	7527
1988	4	41	6	4	208	41	15.72	73	50.84	7/28/1988	18:39	0.3	27.9	5.8	5540
1988	4	42	6	4	202	41	17.12	73	55.98	7/28/1988	18:20	0.3	28	8.4	4591
1988	4	43	6	4	205	41	16.413	73	56.551	7/28/1988	19:15	0.3	28.1	9.7	4676
1988	4	46	6	4	199	41	19.42	73	58.77	7/28/1988	18:02	0.3	26.9	6.2	3402
1988	4	49	4	4	196	41	21.16	73	57.74	7/28/1988	17:39	0.3	26.8	6.8	2544
1988	4	52	6	4	193	41	24.12	73	57.31	7/28/1988	17:01	0.3	26.1	6	2523
1988	4	52	6	4	194	41	24.12	73	56.81	7/28/1988	17:19	0.3	26.7	4.4	1636
1988	4	53	6	4	191	41	24.882	73	57.554	7/28/1988	16:30	0.3	26.9	6.4	2108
1988	4	55	6	4	189	41	25.66	73	58.14	7/28/1988	16:13	0.3	26.9	6.4	1485
1988	4	56	4	4	187	41	26.83	74	0.5	7/28/1988	15:47	0.3	27.2	8.4	943
1988	4	58	4	4	183	41	28.02	74	0.87	7/28/1988	15:15	0.3	28.9	9.4	1058
1988	4	58	4	4	184	41	27.78	74	0.7	7/28/1988	15:32	0.3	27.1	9.2	1050
1988	4	59	6	3	179	41	29.24	73	59.34	7/28/1988	14:42	0.3	27.3	7.4	438
1988	4	59	6	4	180	41	29.08	73	59.37	7/28/1988	15:00	0.3	27.1	8	1059
1988	4	61	4	3	174	41	31.15	74	0.37	7/28/1988	14:19	0.3	27.9	9.1	255
1988	4	62	4	2	173	41	31.59	74	0.28	7/28/1988	14:08	0.3	28	8.2	255
1988	4	65	4	2	162	41	33.99	73	58.39	7/28/1988	13:14	0.3	27.8	6.7	237
1988	4	66	4	2	160	41	34.777	73	57.753	7/28/1988	12:10	0.3	26.9	8.8	229
1988	4	69	4	2	155	41	37.44	73	57.43	7/28/1988	11:32	0.3	26.4	6.9	231
1988	4	69	6	2	157	41	36.97	73	56.85	7/28/1988	11:48	0.3	26.5	7.2	251
1988	4	77	6	2	142	41	43.92	73	56.14	7/28/1988	10:57	0.3	26.3	7.2	233
1988	4	78	4	2	139	41	44.786	73	56.758	7/28/1988	10:32	0.3	26.3	7.2	235
1988	4	82	4	1	134	41	48.51	73	57.22	7/28/1988	10:03	0.3	26.2	7.9	264
1988	4	84	4	4	129	41	50.61	73	57.28	7/28/1988	9:35	0.3	26.2	7.4	247
1988	4	85	6	4	127	41	51.18	73	56.5	7/28/1988	8:55	0.3	26.2	7.4	248
1988	4	86	6	4	125	41	51.75	73	55.89	7/28/1988	9:18	0.3	26.2	7.4	253
1988	4	89	6	4	121	41	53.84	73	57.04	7/28/1988	8:35	0.3	26	6.8	254
1988	4	90	6	4	120	41	54.02	73	57.2	7/28/1988	8:23	0.3	26	6.9	259
1988	4	91	6	4	119	41	55.847	73	56.774	7/28/1988	8:07	0.3	25.5	10.6	246
1988	4	93	6	4	117	41	57.036	73	56.721	7/27/1988	17:28	0.3	27.1	8.6	268
1988	4	94	6	4	114	41	58.085	73	56.467	7/27/1988	16:55	0.3	28.1	9.7	257
1988	4	96	4	4	108	41	59.76	73	56.81	7/27/1988	16:19	0.3	26.5	8.2	270
1988	4	96	6	4	109	41	59.43	73	56.012	7/27/1988	16:33	0.3	28.1	9.4	263
1988	4	97	4	4	102	42	0.83	73	56.38	7/27/1988	15:57	0.3	26.5	8.2	271
1988	4	98	4	4	101	42	1.426	73	56.456	7/27/1988	15:41	0.3	27.1	8.7	260
1988	4	99	4	4	99	42	2.02	73	55.73	7/27/1988	15:24	0.3	27.9	8.8	264
1988	4	105	4	4	97	42	7.68	73	55.13	7/27/1988	14:44	0.3	27.4	8.5	255

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1988	4	105	4	4	98	42	7.33	73	55.3	7/27/1988	15:02	0.3	27.1	8.5	258
1988	4	106	4	4	96	42	8.147	73	54.796	7/27/1988	14:33	0.3	26.9	8.7	254
1988	4	108	6	2	94	42	9.56	73	53.18	7/27/1988	14:15	0.3	27.9	9.8	742
1988	4	110	6	2	91	42	10.9	73	51.53	7/27/1988	14:02	0.3	27.2	11.2	259
1988	4	114	4	2	83	42	14.26	73	50.71	7/27/1988	13:44	0.3	27	9.8	259
1988	4	115	6	2	79	42	14.8	73	49	7/27/1988	12:58	0.3	27	10	249
1988	4	116	6	2	77	42	15.02	73	48.31	7/27/1988	12:23	0.3	27	10.2	266
1988	4	119	6	2	71	42	17.16	73	46.8	7/27/1988	12:01	0.3	27.2	12	269
1988	4	121	6	2	66	42	19.33	73	46.85	7/27/1988	11:18	0.3	27.2	10.3	269
1988	4	121	6	2	67	42	18.82	73	46.89	7/27/1988	11:39	0.3	26.8	10.7	283
1988	4	123	4	2	60	42	20.64	73	47.39	7/27/1988	11:06	0.3	27.4	8.2	289
1988	4	124	6	2	57	42	21.28	73	47.32	7/27/1988	10:48	0.3	26	7.5	283
1988	4	125	4	4	51	42	22.87	73	47.8	7/27/1988	10:16	0.3	26.5	8.3	320
1988	4	125	4	1	52	42	22.39	73	47.45	7/27/1988	10:32	0.3	26.4	8.6	310
1988	4	126	4	4	49	42	23.4	73	47.52	7/27/1988	10:02	0.3	26.1	7	310
1988	4	129	6	4	38	42	26.05	73	46.82	7/27/1988	9:14	0.3	25.6	7.2	310
1988	4	129	6	4	40	42	25.67	73	46.67	7/27/1988	9:44	0.3	25.6	6.4	309
1988	4	129	6	4	42	42	25.226	73	46.523	7/27/1988	9:30	0.3	25.5	6.6	320
1988	4	131	6	4	34					7/27/1988	8:37	0.3	25.2	7.1	270
1988	5	15	4	4	264	40	53.57	73	56.32	8/9/1988	12:32	0.3	30	13.2	13138
1988	5	16	4	4	262	40	54.9	73	55.7	8/9/1988	12:11	0.3	29	12.4	13406
1988	5	20	6	4	258	40	57.73	73	53.661	8/9/1988	13:14	0.3	29	11.3	12855
1988	5	23	6	4	254	41	1.086	73	52.681	8/9/1988	13:48	0.3	29.8	12.9	11113
1988	5	23	6	4	255	41	0.74	73	52.83	8/9/1988	13:31	0.3	29.9	12.9	11271
1988	5	24	6	4	252	41	2.057	73	52.505	8/9/1988	14:03	0.3	29.9	11.5	11000
1988	5	25	4	4	250	41	2.86	73	55.07	8/9/1988	10:56	0.3	29.5	12.4	10181
1988	5	25	4	4	270	41	2.783	73	55.05	8/9/1988	11:14	0.3	30.4	12.7	9819
1988	5	25	4	4	284	41	2.57	73	54.94	8/9/1988	11:28	0.3	30.2	12.6	9410
1988	5	25	6	4	251	41	2.46	73	52.42	8/9/1988	14:21	0.3	30.2	11.5	10934
1988	5	26	4	2	271	41	3.77	73	55.22	8/9/1988	10:29	0.3	29.5	10.2	9999
1988	5	26	4	2	283	41	8.34	73	54.4	8/9/1988	10:42	0.3	29.5	12.5	10181
1988	5	26	6	1	247	41	3.891	73	52.077	8/9/1988	14:55	0.3	31	13.8	9877
1988	5	26	6	1	248	41	3.273	73	52.221	8/9/1988	14:48	0.3	30.5	12.4	10601
1988	5	26	6	4	249	41	2.67	73	52.3	8/9/1988	14:35	0.3	30.1	11.5	11225
1988	5	27	4	2	245	41	4.19	73	55.21	8/9/1988	10:10	0.3	28.8	10.4	10049
1988	5	27	4	2	272	41	4.49	73	55.14	8/9/1988	9:54	0.3	28.8	9.6	9957
1988	5	28	6	2	243	41	5.683	73	52.214	8/9/1988	15:30	0.3	33	17.3	8470
1988	5	28	6	2	244	41	5.33	73	52.33	8/9/1988	15:18	0.3	31.2	15.4	8959
1988	5	29	4	2	242	41	6.1	73	54.88	8/9/1988	9:35	0.3	28.5	7.8	9183
1988	5	30	4	2	241	41	7.14	73	54.77	8/9/1988	9:16	0.3	28	8.2	8527
1988	5	31	4	2	285	41	3.607	73	55.196	8/9/1988	9:07	0.3	29	6.7	9274
1988	5	31	4	4	285	41	3.607	73	55.196	8/10/1988	12:10	0.3	29.4	10.4	10019
1988	5	32	4	2	239	41	8.81	73	54.6	8/9/1988	8:31	0.3	29.1	8.4	7331

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1988	5	32	4	2	240	41	8.48	73	54.42	8/9/1988	8:48	0.3	29.2	8.4	7225
1988	5	32	6	2	237	41	9.274	73	52.181	8/9/1988	16:11	0.3	31.5	15.1	7159
1988	5	32	6	2	238	41	8.85	73	52.123	8/9/1988	16:00	0.3	31	16.2	7496
1988	5	32	6	2	269	41	9.445	73	52.243	8/9/1988	16:24	0.3	31	15.2	7143
1988	5	33	6	2	236	41	9.79	73	52.202	8/9/1988	16:35	0.3	32.2	15.1	7661
1988	5	34	6	2	233	41	10.662	73	53.922	8/9/1988	17:02	0.3	31.4	15.2	6648
1988	5	35	4	4	229	41	10.59	73	56.41	8/10/1988	11:56	0.3	30.1	10.6	6196
1988	5	35	4	4	277	41	10.95	73	57.06	8/10/1988	11:42	0.3	30.7	11	6477
1988	5	35	6	2	232	41	11.172	73	53.996	8/9/1988	17:18	0.3	30.2	13.1	6274
1988	5	35	6	4	231	41	11.23	73	53.69	8/10/1988	12:31	0.3	30.8	14.8	7172
1988	5	35	6	4	275	41	11.31	73	53.54	8/10/1988	12:45	0.3	31.3	15.5	11307
1988	5	36	4	4	227	41	11.02	73	57.41	8/10/1988	11:32	0.3	30.4	11	6605
1988	5	36	4	4	281	41	11.13	73	57.16	8/10/1988	11:23	0.3	30.7	10	6388
1988	5	36	6	4	276	41	12.17	73	53.51	8/10/1988	12:57	0.3	30.9	15.2	6981
1988	5	37	4	4	224					8/10/1988	10:54	0.3	31.2	9.5	6675
1988	5	37	4	4	226	41	11.8	73	57.5	8/10/1988	11:09	0.3	30.5	9.6	6681
1988	5	38	4	3	222	41	12.979	73	57.867	8/10/1988	10:26	0.3	30.4	9.1	5802
1988	5	38	4	4	223	41	12.89	73	57.806	8/10/1988	10:37	0.3	30.8	9.3	6198
1988	5	38	4	3	278	41	12.96	73	57.828	8/10/1988	10:13	0.3	30	8.6	6389
1988	5	39	4	2	215	41	13.62	73	58.34	8/10/1988	9:51	0.3	30.1	9.3	5837
1988	5	40	4	2	209	41	14.97	73	58	8/10/1988	9:33	0.3	30	9.6	4679
1988	5	42	4	1	206	41	16.412	73	58.1	8/11/1988	8:45	0.3	24.6	4.4	6026
1988	5	44	6	2	201	41	17.74	73	56.87	8/11/1988	9:40	0.3	28.1	6.6	2899
1988	5	46	6	2	199	41	19.42	73	58.77	8/11/1988	10:00	0.3	28	6.6	1874
1988	5	49	4	2	196	41	21.16	73	57.74	8/11/1988	10:25	0.3	28.1	7.2	1075
1988	5	52	6	2	193	41	24.12	73	57.31	8/11/1988	11:00	0.3	28.1	6.9	832
1988	5	52	6	2	194	41	24.12	73	56.81	8/11/1988	10:50	0.3	28	7.2	843
1988	5	53	6	2	191	41	24.882	73	57.554	8/11/1988	11:40	0.3	28.9	8.2	644
1988	5	55	6	2	189	41	25.66	73	58.14	8/11/1988	12:00	0.3	28.5	8	510
1988	5	56	4	2	188	41	26.47	73	59.66	8/11/1988	12:20	0.3	29.1	9.2	458
1988	5	57	4	2	186	41	27.28	74	0.8	8/11/1988	12:45	0.3	30.6	10	373
1988	5	58	4	2	183	41	28.02	74	0.87	8/11/1988	13:25	0.3	30.1	12.4	449
1988	5	58	4	2	184	41	27.78	74	0.7	8/11/1988	13:10	0.3	30.1	10.2	377
1988	5	59	6	3	178	41	29.25	73	59.32	8/11/1988	14:10	0.3	29.3	12	456
1988	5	59	6	3	180	41	29.08	73	59.37	8/11/1988	14:00	0.3	29.1	12.4	458
1988	5	63	6	4	168	41	32.3	73	58.633	8/11/1988	15:01	0.3	29.8	10	316
1988	5	63	6	3	170	41	31.8	73	58.98	8/11/1988	14:50	0.3	29.5	8.2	273
1988	5	64	4	4	163	41	33.48	73	59.05	8/11/1988	15:40	0.3	29	7.4	239
1988	5	64	4	4	165	41	32.66	73	58.52	8/11/1988	15:20	0.3	29	9.8	312
1988	5	69	6	4	157	41	36.97	73	56.85	8/11/1988	16:40	0.3	29	7	248
1988	5	80	6	4	137	41	46.14	73	56.82	8/9/1988	14:38	0.3	28.6	8.9	237
1988	5	81	4	4	135	41	47.474	73	57.457	8/9/1988	14:10	0.3	28.6	8.7	233
1988	5	82	4	4	134	41	48.51	73	57.22	8/9/1988	13:58	0.3	28.5	8.5	235

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1988	5	84	4	2	129	41	50.61	73	57.28	8/9/1988	13:35	0.3	29.4	10.6	233
1988	5	85	4	2	128					8/9/1988	12:58	0.3	28.7	10.3	232
1988	5	89	6	2	120	41	54.02	73	57.2	8/9/1988	12:16	0.3	28.4	10.1	232
1988	5	89	6	2	121	41	53.84	73	57.04	8/9/1988	12:27	0.3	28.5	9.7	229
1988	5	91	6	2	119	41	55.847	73	56.774	8/9/1988	11:51	0.3	28.5	10.4	236
1988	5	92	4	2	118	41	56.32	73	58.1	8/9/1988	8:58	0.3	27.2	8.3	233
1988	5	93	4	2	116	41	57.05	73	57.77	8/9/1988	9:23	0.3	27.2	8.2	230
1988	5	94	4	2	115	41	57.78	73	57.47	8/9/1988	9:41	0.3	27.8	9.2	237
1988	5	95	6	2	112	41	58.238	73	56.123	8/9/1988	11:33	0.3	28.5	10.3	234
1988	5	96	4	2	108	41	59.76	73	56.81	8/9/1988	10:06	0.3	28.3	9.1	224
1988	5	96	4	2	110	41	59.4	73	56.94	8/9/1988	9:58	0.3	28.1	9	238
1988	5	96	6	2	107	41	59.89	73	55.93	8/9/1988	11:05	0.3	26.8	9.5	240
1988	5	96	6	2	109	41	59.43	73	56.012	8/9/1988	11:16	0.3	27.8	9.9	238
1988	5	97	4	2	103	42	0.5	73	56.51	8/9/1988	10:17	0.3	28.2	9.8	214
1988	5	97	6	2	104	42	0.26	73	55.792	8/9/1988	10:47	0.3	27.8	9.1	241
1988	5	98	4	2	100	42	1.67	73	56.54	8/9/1988	10:29	0.3	28.4	9.6	241
1988	5	111	6	4	89					8/8/1988	16:51	0.3	29.8	10.6	282
1988	5	112	4	2	88	42	12.69	73	51.26	8/8/1988	16:26	0.3	28.9	8.5	277
1988	5	114	6	2	82	42	14.31	73	50.58	8/8/1988	15:34	0.3	29.1	9.1	270
1988	5	114	6	2	84	42	14.02	73	50.18	8/8/1988	13:57	0.3	29.9	8.9	254
1988	5	115	6	2	79	42	14.8	73	49	8/8/1988	15:12	0.3	28.9	8.5	281
1988	5	116	4	2	78					8/8/1988	14:37	0.3	29.6	9.8	238
1988	5	117	4	2	76	42	15.84	73	47.69	8/8/1988	14:20	0.3	30.2	10	271
1988	5	118	4	2	73	42	16.76	73	47.67	8/8/1988	13:53	0.3	29.2	8.5	221
1988	5	119	6	2	69	42	17.29	73	46.78	8/8/1988	13:33	0.3	28.3	9.3	273
1988	5	122	4	2	63	42	19.84	73	47.18	8/8/1988	13:05	0.3	28.1	8.4	256
1988	5	126	4	2	49	42	23.4	73	47.52	8/8/1988	12:21	0.3	30.8	11.3	179
1988	5	129	6	2	42	42	25.226	73	46.523	8/8/1988	12:00	0.3	29.2	7.6	175
1988	5	131	4	2	35	42	27.8	73	47.1	8/8/1988	11:27	0.3	29.4	7.2	250
1988	5	133	4	2	29	42	29.09	73	47.273	8/8/1988	11:06	0.3	29.5	6.7	237
1988	5	137	6	2	24	42	32.262	73	45.288	8/8/1988	10:37	0.3	29.8	7.5	268
1988	5	138	4	4	20	42	33.5	73	45.35	8/8/1988	9:45	0.3	28.8	7.2	237
1988	5	138	4	2	21	42	33.51	73	45.33	8/8/1988	10:17	0.3	29.5	6.4	253
1988	6	14	4	4	265					8/24/1988	10:53	0.3	22	6.2	21196
1988	6	14	4	4	266	40	52.925	73	56.648	8/24/1988	11:20	0.3	22	6.4	21196
1988	6	15	4	4	263	40	54.252	73	55.961	8/24/1988	10:40	0.3	22	6.5	20030
1988	6	19	6	4	259	40	57.735	73	53.561	8/24/1988	11:47	0.3	23	6.2	18061
1988	6	20	6	4	258	40	57.73	73	53.661	8/24/1988	12:02	0.3	22.9	5.6	11130
1988	6	24	6	4	252	41	2.057	73	52.505	8/24/1988	12:34	0.3	22.8	6.4	15635
1988	6	24	6	4	253	41	1.169	73	52.711	8/24/1988	12:22	0.3	22.8	7.4	15531
1988	6	25	4	4	250	41	2.86	73	55.07	8/24/1988	9:43	0.3	22.3	7.2	10953
1988	6	25	4	4	270	41	2.783	73	55.05	8/24/1988	9:52	0.3	22.4	7.1	11666
1988	6	25	4	4	284	41	2.57	73	54.94	8/24/1988	10:08	0.3	22.8	6.3	11674

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1988	6	25	6	4	251	41	2.46	73	52.42	8/24/1988	12:51	0.3	23.2	6	17573
1988	6	26	4	4	271	41	3.77	73	55.22	8/24/1988	9:17	0.3	22.4	8	9669
1988	6	26	4	4	283	41	8.34	73	54.4	8/24/1988	9:28	0.3	22.3	6.6	11059
1988	6	26	6	4	247	41	3.891	73	52.077	8/24/1988	13:22	0.3	23.2	6.2	15403
1988	6	26	6	4	248	41	3.273	73	52.221	8/24/1988	13:12	0.3	23.1	7.2	12430
1988	6	26	6	4	249	41	2.67	73	52.3	8/24/1988	13:02	0.3	23.4	5.5	18427
1988	6	27	4	4	245	41	4.19	73	55.21	8/24/1988	9:05	0.3	22.2	7.3	1161
1988	6	27	4	4	272	41	4.49	73	55.14	8/24/1988	8:50	0.3	22.1	7.3	10365
1988	6	28	6	1	243	41	5.683	73	52.214	8/24/1988	13:53	0.3	23.2	7.5	11371
1988	6	28	6	1	244	41	5.33	73	52.33	8/24/1988	13:37	0.3	23.2	7.4	15506
1988	6	29	4	4	242	41	6.1	73	54.88	8/24/1988	8:27	0.3	23.2	7	11371
1988	6	30	4	3	241	41	7.14	73	54.77	8/24/1988	8:07	0.3	22	7.2	6359
1988	6	31	5	3	285	41	3.607	73	55.196	8/24/1988	7:49	0.3	23.8	7.2	11639
1988	6	32	4	2	239	41	8.81	73	54.6	8/24/1988	7:18	0.3	23.8	6.8	12252
1988	6	32	4	3	240	41	8.48	73	54.42	8/24/1988	7:35	0.3	23.5	6.7	11301
1988	6	32	6	1	237	41	9.274	73	52.181	8/24/1988	14:24	0.3	23.8	7.2	11231
1988	6	32	6	1	238	41	8.85	73	52.123	8/24/1988	14:12	0.3	24	6.6	11083
1988	6	32	6	2	269	41	9.445	73	52.243	8/24/1988	14:36	0.3	24.2	6.3	11341
1988	6	33	6	2	236	41	9.79	73	52.202	8/24/1988	14:53	0.3	23.5	7.2	10787
1988	6	35	4	4	229	41	10.59	73	56.41	8/25/1988	6:53	0.3	24.9	7.4	9083
1988	6	35	6	2	231	41	11.23	73	53.69	8/24/1988	15:50	0.3	22.9	8.3	8425
1988	6	35	6	2	232	41	11.172	73	53.996	8/24/1988	16:17	0.3	23.2	8.1	8787
1988	6	35	6	2	274	41	11.17	73	53.71	8/24/1988	15:39	0.3	23	8.2	8097
1988	6	35	6	2	275	41	11.31	73	53.54	8/24/1988	16:02	0.3	23	8.1	8616
1988	6	36	4	2	281	41	11.13	73	57.16	8/25/1988	7:06	0.3	23.9	6.4	9272
1988	6	36	4	2	281	41	11.13	73	57.16	8/25/1988	7:12	0.3	24	6.4	9151
1988	6	37	4	2	224					8/25/1988	7:40	0.3	24.3	5.2	9196
1988	6	37	4	2	225	41	12.096	73	57.458	8/25/1988	7:28	0.3	24.5	5.8	9158
1988	6	38	4	2	222	41	12.979	73	57.867	8/25/1988	7:59	0.3	24.9	5	8085
1988	6	38	4	2	278	41	12.96	73	57.828	8/25/1988	8:12	0.3	25	5.4	9862
1988	6	38	4	2	279	41	13.36	73	57.82	8/25/1988	8:20	0.3	24.2	5.8	9114
1988	6	38	4	2	280	41	13.4	73	57.81	8/25/1988	8:40	0.3	24.9	5.2	8983
1988	6	38	6	2	220					8/24/1988	16:23	0.3	24.1	6.4	9538
1988	6	39	6	2	218	41	14.02	73	56.4	8/24/1988	16:51	0.3	23	8.2	9550
1988	6	40	4	4	209	41	14.97	73	58	8/23/1988	13:17	0.3	27.8	6.1	9408
1988	6	41	6	4	208	41	15.72	73	50.84	8/23/1988	12:57	0.3	30.2	5.2	9769
1988	6	43	6	1	202	41	17.12	73	55.98	8/23/1988	12:17	0.3	25.7	11.7	5793
1988	6	46	6	4	199	41	19.42	73	58.77	8/23/1988	11:53	0.3	26.4	7.1	6002
1988	6	49	4	2	196	41	21.16	73	57.74	8/25/1988	9:00	0.3	25.5	5	6014
1988	6	51	6	2	195	41	22.87	73	50.61	8/25/1988	9:22	0.3	25.1	5.4	5070
1988	6	52	6	2	194	41	24.12	73	56.81	8/25/1988	9:44	0.3	25.5	5.2	4831
1988	6	53	4	2	191	41	24.882	73	57.554	8/25/1988	10:15	0.3	25.5	5.8	4042
1988	6	53	4	2	192	41	24.19	73	57.95	8/25/1988	9:56	0.3	25	6	4881

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1988	6	56	4	2	187	41	26.83	74	0.5	8/25/1988	10:38	0.3	25.9	6.2	1858
1988	6	57	4	2	186	41	27.28	74	0.8	8/25/1988	10:55	0.3	25	7	1893
1988	6	58	4	2	183	41	28.02	74	0.87	8/25/1988	11:21	0.3	25.1	6.8	1889
1988	6	58	4	2	184	41	27.78	74	0.7	8/25/1988	11:09	0.3	24.9	6.4	1896
1988	6	59	6	2	178	41	29.25	73	59.32	8/25/1988	11:41	0.3	24.1	6.4	1928
1988	6	59	6	2	181	41	29.04	73	59.33	8/25/1988	11:55	0.3	25	6	1803
1988	6	65	4	2	162	41	33.99	73	58.39	8/23/1988	17:51	0.3	28		225
1988	6	69	6	1	156	41	37.03	73	56.88	8/23/1988	16:54	0.3	26		232
1988	6	69	6	1	158	41	36.94	73	56.81	8/23/1988	17:05	0.3	26.2		233
1988	6	74	4	4	147	41	41.29	73	56.8	8/23/1988	16:13	0.3	25.9		226
1988	6	77	6	4	143	41	43.83	73	56.16	8/23/1988	15:28	0.3	26.1		231
1988	6	78	6	4	138	41	45.18	73	56.22	8/23/1988	14:47	0.3	26.1		229
1988	6	81	4	4	135	41	47.474	73	57.457	8/23/1988	14:18	0.3	26		225
1988	6	83	4	4	133	41	48.74	73	57.19	8/23/1988	13:42	0.3	26.1		228
1988	6	86	6	4	125	41	51.75	73	55.89	8/23/1988	12:57	0.3	26	9.1	227
1988	6	88	6	4	122	41	53.023	73	56.214	8/23/1988	12:30	0.3	26.5	9.9	225
1988	6	89	6	3	121	41	53.84	73	57.04	8/23/1988	12:10	0.3	25.8	9.7	228
1988	6	90	6	3	120	41	54.02	73	57.2	8/23/1988	11:58	0.3	25.7	9.2	229
1988	6	93	6	3	117	41	57.036	73	56.721	8/23/1988	11:10	0.3	25.1	8.9	235
1988	6	94	5	2	113	41	58.38	73	57.25	8/23/1988	8:40	0.3	25.1	9.3	239
1988	6	96	4	2	105	42	0.22	73	56.65	8/23/1988	9:17	0.3	24.7	10.2	229
1988	6	96	5	2	110	41	59.4	73	56.94	8/23/1988	9:06	0.3	25	9.1	232
1988	6	96	6	3	109	41	59.43	73	56.012	8/23/1988	10:45	0.3	25	9.4	271
1988	6	97	4	2	103	42	0.5	73	56.51	8/23/1988	9:31	0.3	24.1	10.2	233
1988	6	98	4	2	100	42	1.67	73	56.54	8/23/1988	10:19	0.3	25.1	10	236
1988	6	98	4	2	101	42	1.426	73	56.456	8/23/1988	9:58	0.3	25.1	9.8	267
1988	6	99	6	1	99	42	2.02	73	55.73	8/22/1988	17:24	0.3	27	9.8	227
1988	6	105	4	1	97	42	7.68	73	55.13	8/22/1988	17:00	0.3	26.9	10.2	230
1988	6	109	6	4	93	42	9.91	73	52.81	8/22/1988	16:39	0.3	25	9.9	264
1988	6	113	4	4	86	42	13.12	73	51.33	8/22/1988	15:40	0.3	25.2	9.6	240
1988	6	117	6	4	76	42	15.84	73	47.69	8/22/1988	15:15	0.3	26.7	9.8	232
1988	6	118	6	4	75	42	16.12	73	47.49	8/22/1988	14:46	0.3	26.6	9.4	242
1988	6	119	6	4	71	42	17.16	73	46.8	8/22/1988	14:34	0.3	26.9	9.4	259
1988	6	121	4	4	65	42	19.307	73	47.217	8/22/1988	14:15	0.3	26	8.8	264
1988	6	122	4	4	63	42	19.84	73	47.18	8/22/1988	13:53	0.3	26	9.6	227
1988	6	123	4	4	59					8/22/1988	13:35	0.3	26.5	9.6	225
1988	6	124	4	4	55	42	21.64	73	47.62	8/22/1988	13:09	0.3	26.5	9.9	222
1988	6	129	6	4	38	42	26.05	73	46.82	8/22/1988	12:22	0.3	26.1	9	236
1988	6	129	6	4	42	42	25.226	73	46.523	8/22/1988	12:45	0.3	26.9	9.8	191
1988	6	131	4	4	33	42	28.06	73	47.13	8/22/1988	12:05	0.3	26.3	7.5	238
1988	6	134	4	2	27	42	30.17	73	46.88	8/22/1988	11:37	0.3	26.1	8.7	239
1988	6	138	4	2	21	42	33.51	73	45.33	8/22/1988	10:33	0.3	25.2	7.2	228
1988	6	139	4	2	15	42	34.32	73	45.25	8/22/1988	9:40	0.3	25	8.1	227

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	7	16	4	1	262	40	54.9	73	55.7	9/6/1988	16:02	0.3	23	7.8	13390
1988	7	18	4	1	260	40	56.889	73	55.1	9/6/1988	15:48	0.3	23.2	7	14265
1988	7	18	6	1	261	40	56.27	73	54.17	9/6/1988	16:20	0.3	23	8.1	14221
1988	7	19	6	2	259	40	57.735	73	53.561	9/6/1988	16:36	0.3	23.1	8.1	14088
1988	7	20	6	2	258	40	57.73	73	53.661	9/6/1988	16:50	0.3	23.2	8	13749
1988	7	24	6	2	252	41	2.057	73	52.505	9/6/1988	17:05	0.3	23.5	8.6	11506
1988	7	24	6	2	253	41	1.169	73	52.711	9/6/1988	17:26	0.3	23.2	8.3	11371
1988	7	25	4	4	250	41	2.86	73	55.07	9/6/1988	14:43	0.3	23.5	10.2	13253
1988	7	25	4	4	270	41	2.783	73	55.05	9/6/1988	14:56	0.3	23.4	10.6	13177
1988	7	25	4	1	284	41	2.57	73	54.94	9/6/1988	15:11	0.3	23.1	9.1	12430
1988	7	25	6	2	251	41	2.46	73	52.42	9/6/1988	17:17	0.3	23.1	8.4	11395
1988	7	26	4	4	271	41	3.77	73	55.22	9/6/1988	14:11	0.3	22.8	8.9	13446
1988	7	26	4	4	283	41	8.34	73	54.4	9/6/1988	14:29	0.3	22.4	10	13138
1988	7	26	6	2	247	41	3.891	73	52.077	9/6/1988	18:00	0.3	22.2	8.8	10132
1988	7	26	6	2	248	41	3.273	73	52.221	9/6/1988	17:45	0.3	22.9	8.3	11338
1988	7	26	6	2	249	41	2.67	73	52.3	9/6/1988	17:36	0.3	23	8	11626
1988	7	27	4	4	245	41	4.19	73	55.21	9/6/1988	13:55	0.3	22.5	8.8	12167
1988	7	27	4	4	272	41	4.49	73	55.14	9/6/1988	13:19	0.3	23	9.5	12975
1988	7	28	6	2	243	41	5.683	73	52.214	9/6/1988	18:21	0.3	23.2	12.1	9510
1988	7	28	6	2	244	41	5.33	73	52.33	9/6/1988	18:11	0.3	22.3	8.7	8636
1988	7	29	4	4	242	41	6.1	73	54.88	9/6/1988	13:10	0.3	24.2	9.9	11139
1988	7	30	4	4	241	41	7.14	73	54.77	9/6/1988	12:46	0.3	24.2	10.6	10936
1988	7	31	4	4	285	41	3.607	73	55.196	9/6/1988	12:32	0.3	23.8	8.2	9393
1988	7	32	4	4	239	41	8.81	73	54.6	9/6/1988	12:00	0.3	24	9.4	9151
1988	7	32	4	4	240	41	8.48	73	54.42	9/6/1988	12:16	0.3	24.2	9.5	9012
1988	7	32	6	2	237	41	9.274	73	52.181	9/9/1988	9:24	0.3	23	7.8	9654
1988	7	32	6	2	238	41	8.85	73	52.123	9/9/1988	9:11	0.3	23	8	9550
1988	7	32	6	2	269	41	9.445	73	52.243	9/9/1988	9:33	0.3	23.2	7.8	9510
1988	7	33	6	2	236	41	9.79	73	52.202	9/9/1988	9:41	0.3	23	7.9	9342
1988	7	34	6	2	233	41	10.662	73	53.922	9/9/1988	10:07	0.3	23.1	9.8	8080
1988	7	34	6	2	234	41	10.19	73	53.93	9/9/1988	9:55	0.3	22.3	9.7	8531
1988	7	35	4	2	229	41	10.59	73	56.41	9/9/1988	8:53	0.3	24.4	7	7563
1988	7	35	6	2	232	41	11.172	73	53.996	9/9/1988	10:22	0.3	23.2	9.2	8063
1988	7	36	4	2	226	41	11.8	73	57.5	9/9/1988	8:17	0.3	24	6.9	7931
1988	7	36	4	2	227	41	11.02	73	57.41	9/9/1988	8:36	0.3	23.5	6.7	8013
1988	7	36	4	2	282	41	11.2	73	57.17	9/9/1988	8:28	0.3	23.8	7	8168
1988	7	36	6	2	228	41	12.25	73	53.5	9/9/1988	10:54	0.3	23.8	8.4	8066
1988	7	36	6	2	276	41	12.17	73	53.51	9/9/1988	10:45	0.3	23.8	9	7657
1988	7	37	4	2	224					9/9/1988	7:54	0.3	24.2	6.5	7190
1988	7	37	4	2	225	41	12.096	73	57.458	9/9/1988	8:08	0.3	24	7.3	7931
1988	7	38	4	2	222	41	12.979	73	57.867	9/8/1988	17:39	0.3	26	8.2	6051
1988	7	38	4	2	279	41	13.36	73	57.82	9/8/1988	17:29	0.3	25	8.2	5977
1988	7	38	4	2	221	41	13.43	73	57.79	9/9/1988	7:40	0.3	24.2	7	6886

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1988	7	39	6	2	219					9/8/1988	17:09	0.3	25.8	8.6	6860
1988	7	40	6	2	213	41	14.64	73	57.15	9/8/1988	16:48	0.3	26	10.2	6344
1988	7	42	4	1	206	41	16.412	73	58.1	9/8/1988	16:19	0.3	26.5	9.4	5023
1988	7	46	4	1	198	41	19.7	73	59	9/8/1988	15:44	0.3	25	6.8	3596
1988	7	46	6	1	199	41	19.42	73	58.77	9/8/1988	16:00	0.3	25	7.8	3636
1988	7	49	4	1	196	41	21.16	73	57.74	9/8/1988	15:21	0.3	24.8	7.4	3101
1988	7	52	6	1	193	41	24.12	73	57.31	9/8/1988	14:58	0.3	26.2	8.5	1963
1988	7	53	4	1	192	41	24.19	73	57.95	9/8/1988	14:43	0.3	24	7	1881
1988	7	54	6	4	190	41	24.961	73	57.702	9/8/1988	14:30	0.3	24.2	7.5	1519
1988	7	55	6	4	189	41	25.66	73	58.14	9/8/1988	14:14	0.3	24.7	8	1002
1988	7	56	6	4	187	41	26.83	74	0.5	9/8/1988	13:55	0.3	25.2	9.4	429
1988	7	57	4	4	185	41	27.68	74	0.73	9/8/1988	12:45	0.3	24.7	8.4	371
1988	7	57	4	4	186	41	27.28	74	0.8	9/8/1988	13:02	0.3	24.9	8.3	381
1988	7	58	4	4	184	41	27.78	74	0.7	9/8/1988	12:35	0.3	24.5	9.4	372
1988	7	60	6	3	176	41	29.57	73	59.06	9/8/1988	12:09	0.3	22.7	7.6	465
1988	7	60	6	3	177	41	29.52	73	59.24	9/8/1988	12:22	0.3	23.8	7.2	449
1988	7	63	4	3	166					9/8/1988	11:51	0.3	24.1	6.5	274
1988	7	65	4	2	162	41	33.99	73	58.39	9/8/1988	11:32	0.3	24.3	6.2	273
1988	7	69	4	2	155	41	37.44	73	57.43	9/8/1988	11:01	0.3	23	6.5	268
1988	7	69	6	2	157	41	36.97	73	56.85	9/8/1988	11:13	0.3	23.5	6.2	269
1988	7	74	6	2	148	41	41.15	73	56.31	9/8/1988	10:25	0.3	22.8	5.9	266
1988	7	77	6	2	140	41	44.56	73	56.17	9/8/1988	10:02	0.3	22.5	6.3	267
1988	7	80	6	2	137	41	46.14	73	56.82	9/8/1988	9:43	0.3	22	6.9	265
1988	7	82	4	1	134	41	48.51	73	57.22	9/8/1988	9:24	0.3	21.3	7.9	262
1988	7	83	4	1	133	41	48.74	73	57.19	9/8/1988	9:08	0.3	21	8	262
1988	7	84	4	1	129	41	50.61	73	57.28	9/8/1988	8:35	0.3	21.2	7.7	267
1988	7	89	6	4	121	41	53.84	73	57.04	9/7/1988	17:42	0.3	22	8.2	263
1988	7	90	6	4	120	41	54.02	73	57.2	9/7/1988	17:04	0.3	22.3	9.3	255
1988	7	91	6	4	119	41	55.847	73	56.774	9/7/1988	16:56	0.3	22.4	9.3	254
1988	7	92	4	4	118	41	56.32	73	58.1	9/7/1988	16:35	0.3	22.5	9.2	315
1988	7	93	4	4	116	41	57.05	73	57.77	9/7/1988	16:20	0.3	22.4	9.4	254
1988	7	96	4	3	105	42	0.22	73	56.65	9/7/1988	15:06	0.3	23.2	9.5	252
1988	7	96	4	2	108	41	59.76	73	56.81	9/7/1988	15:16	0.3	22.8	8.6	248
1988	7	96	4	4	110	41	59.4	73	56.94	9/7/1988	15:26	0.3	22.2	8.4	251
1988	7	96	6	4	109	41	59.43	73	56.012	9/7/1988	15:59	0.3	23.5	10.2	249
1988	7	97	4	2	103	42	0.5	73	56.51	9/7/1988	14:58	0.3	23.4	9.1	252
1988	7	99	6	2	99	42	2.02	73	55.73	9/7/1988	14:39	0.3	22.9	9.6	252
1988	7	105	4	2	97	42	7.68	73	55.13	9/7/1988	14:10	0.3	23	9.6	250
1988	7	105	4	2	98	42	7.33	73	55.3	9/7/1988	14:18	0.3	23	9.8	250
1988	7	106	4	2	96	42	8.147	73	54.796	9/7/1988	13:58	0.3	22	9	254
1988	7	109	6	2	93	42	9.91	73	52.81	9/7/1988	13:43	0.3	22.2	10	246
1988	7	110	6	2	91	42	10.9	73	51.53	9/7/1988	13:30	0.3	22.2	11.4	242
1988	7	113	4	2	86	42	13.12	73	51.33	9/7/1988	12:58	0.3	21.6	9.8	239

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1988	7	114	4	2	83	42	14.26	73	50.71	9/7/1988	12:45	0.3	21.8	9.8	247
1988	7	115	6	2	79	42	14.8	73	49	9/7/1988	12:31	0.3	21.2	9.3	237
1988	7	117	4	2	76	42	15.84	73	47.69	9/7/1988	12:17	0.3	22	11	233
1988	7	121	4	2	65	42	19.307	73	47.217	9/7/1988	11:26	0.3	21.4	8.4	238
1988	7	121	4	2	68	42	18.53	73	47.1	9/7/1988	11:41	0.3	22.1	9.1	222
1988	7	121	6	2	67	42	18.82	73	46.89	9/7/1988	11:56	0.3	22	8	225
1988	7	124	6	2	56	42	21.49	73	47.29	9/7/1988	10:54	0.3	21.2	8.2	237
1988	7	127	6	2	47	42	23.853	73	46.901	9/7/1988	10:25	0.3	20.8	7.4	237
1988	7	129	6	2	42	42	25.226	73	46.523	9/7/1988	10:06	0.3	20.8	6.8	236
1988	7	130	6	2	36					9/7/1988	9:37	0.3	20.4	7.8	236
1988	7	132	6	1	31	42	28.65	73	47.09	9/7/1988	9:15	0.3	20.1	7.8	225
1988	7	133	4	1	29	42	29.09	73	47.273	9/7/1988	9:00	0.3	20.5	7	240
1988	7	134	4	1	27	42	30.17	73	46.88	9/7/1988	8:37	0.3	20.2	6.8	229
1988	7	139	4	1	18	42	34.14	73	45.24	9/7/1988	7:52	0.3	19.5	6.8	218
1988	8	16	4	4	262	40	54.9	73	55.7	9/22/1988	13:09	0.3	22.7	8.5	14310
1988	8	18	4	4	260	40	56.889	73	55.1	9/22/1988	11:50	0.3	22.2	9.2	12981
1988	8	19	6	1	259	40	57.735	73	53.561	9/22/1988	14:33	0.3	21.3	8.6	12905
1988	8	22	6	4	256	40	59.97	73	53.05	9/22/1988	11:15	0.3	21.3	8.6	12367
1988	8	23	6	4	254	41	1.086	73	52.681	9/22/1988	10:50	0.3	20.4	8	11288
1988	8	25	4	1	270	41	2.783	73	55.05	9/22/1988	15:14	0.3	24	8.4	10981
1988	8	25	6	4	251	41	2.46	73	52.42	9/23/1988	11:31	0.3	21.2	7	14118
1988	8	26	4	1	271	41	3.77	73	55.22	9/22/1988	16:02	0.3	23.1	8.6	10462
1988	8	26	4	1	283	41	8.34	73	54.4	9/22/1988	15:41	0.3	23.5	8.6	11301
1988	8	26	4	3	250	41	2.86	73	55.07	9/23/1988	10:59	0.3	21.3	8	11830
1988	8	26	6	4	247	41	3.891	73	52.077	9/22/1988	9:50	0.3	21	8	10822
1988	8	26	6	4	248	41	3.273	73	52.221	9/22/1988	10:11	0.3	21	7.6	10822
1988	8	26	6	4	249	41	2.67	73	52.3	9/22/1988	10:22	0.3	21.1	7.6	10907
1988	8	26	6	4	249	41	2.67	73	52.3	9/23/1988	12:18	0.3	21.4	7	13951
1988	8	27	4	2	245	41	4.19	73	55.21	9/23/1988	10:32	0.3	21.1	8.8	10799
1988	8	28	6	4	244	41	5.33	73	52.33	9/22/1988	9:30	0.3	21	7.8	9740
1988	8	28	6	4	243	41	5.683	73	52.214	9/23/1988	13:15	0.3	22.1	8.1	11528
1988	8	28	6	4	244	41	5.33	73	52.33	9/23/1988	12:51	0.3	22	7.3	11764
1988	8	29	4	2	242	41	6.1	73	54.88	9/22/1988	16:30	0.3	22.9	8.3	9466
1988	8	29	4	2	242	41	6.1	73	54.88	9/23/1988	9:58	0.3	21.5	9	10602
1988	8	30	4	2	241	41	7.14	73	54.77	9/23/1988	9:34	0.3	21.3	8	5700
1988	8	31	4	2	285	41	3.607	73	55.196	9/22/1988	16:59	0.3	22.3	8.3	9374
1988	8	31	4	2	285	41	3.607	73	55.196	9/23/1988	9:13	0.3	21.9	8.2	10620
1988	8	32	6	4	237	41	9.274	73	52.181	9/22/1988	8:56	0.3	21.1	8.3	8424
1988	8	32	6	3	269	41	9.445	73	52.243	9/22/1988	8:38	0.3	21	8.5	8658
1988	8	32	6	4	237	41	9.274	73	52.181	9/23/1988	14:10	0.3	22.1	8.2	9413
1988	8	32	6	4	238	41	8.85	73	52.123	9/23/1988	13:53	0.3	22	8	9538
1988	8	32	6	4	269	41	9.445	73	52.243	9/23/1988	14:24	0.3	22.5	8	9335
1988	8	33	6	3	236	41	9.79	73	52.202	9/22/1988	8:17	0.3	20.2	8.8	6604

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1988	8	34	6	1	234	41	10.19	73	53.93	9/21/1988	13:06	0.3	23.3	7.8	7221
1988	8	35	4	4	229	41	10.59	73	56.41	9/21/1988	14:00	0.3	24	7.9	6813
1988	8	35	4	4	230	41	10.59	73	56.39	9/21/1988	13:30	0.3	24.3	8.7	6771
1988	8	35	6	4	274	41	11.17	73	53.71	9/21/1988	12:40	0.3	23.5	9	6472
1988	8	36	4	1	226	41	11.8	73	57.5	9/21/1988	15:22	0.3	24.3	7.3	6973
1988	8	36	4	4	227	41	11.02	73	57.41	9/21/1988	14:14	0.3	24	8.6	6304
1988	8	36	4	4	281	41	11.13	73	57.16	9/21/1988	14:32	0.3	23.7	8	6855
1988	8	36	4	4	282	41	11.2	73	57.17	9/21/1988	14:48	0.3	24	8.1	6914
1988	8	36	6	4	276	41	12.17	73	53.51	9/21/1988	11:56	0.3	24.2	9.4	6076
1988	8	37	4	1	224					9/21/1988	15:44	0.3	24	8	7118
1988	8	38	4	1	222	41	12.979	73	57.867	9/21/1988	16:18	0.3	24	8	7016
1988	8	38	4	1	223	41	12.89	73	57.806	9/21/1988	16:08	0.3	23.9	7.4	7132
1988	8	38	4	2	280	41	13.4	73	57.81	9/21/1988	16:31	0.3	24.1	7.5	6900
1988	8	39	6	2	219					9/21/1988	16:53	0.3	24	9.5	7016
1988	8	40	4	2	209	41	14.97	73	58	9/21/1988	17:59	0.3	23.6	6.2	5229
1988	8	40	4	2	214	41	14.31	73	58.5	9/21/1988	17:20	0.3	23.9	9.4	6113
1988	8	40	6	2	211	41	14.88	73	57.6	9/21/1988	17:32	0.3	23.5	7.2	6267
1988	8	43	6	2	205	41	16.413	73	56.551	9/21/1988	18:26	0.3	23.8	8	4288
1988	8	49	4	2	196	41	21.16	73	57.74	9/23/1988	9:42	0.3	22.1	6.6	3289
1988	8	51	6	2	195	41	22.87	73	50.61	9/23/1988	9:58	0.3	21.5	6.9	2292
1988	8	52	6	2	194	41	24.12	73	56.81	9/23/1988	10:28	0.3	21.6	7	1699
1988	8	53	4	2	192	41	24.19	73	57.95	9/23/1988	11:05	0.3	22.4	7.5	2554
1988	8	53	6	2	191	41	24.882	73	57.554	9/23/1988	10:42	0.3	21.8	6.9	1596
1988	8	56	4	4	187	41	26.83	74	0.5	9/22/1988	14:33	0.3	23.8	9.9	653
1988	8	58	4	4	184	41	27.78	74	0.7	9/22/1988	14:09	0.3	23.7	11.3	451
1988	8	59	6	4	179	41	29.24	73	59.34	9/22/1988	13:05	0.3	21.7	7.9	373
1988	8	59	6	4	180	41	29.08	73	59.37	9/22/1988	13:26	0.3	21.6	7.3	376
1988	8	59	6	4	181	41	29.04	73	59.33	9/22/1988	13:45	0.3	21.8	7.4	378
1988	8	61	4	4	174	41	31.15	74	0.37	9/22/1988	12:35	0.3	20.8	9.1	325
1988	8	66	4	4	160	41	34.777	73	57.753	9/22/1988	12:15	0.3	21.1	7.3	271
1988	8	69	6	3	157	41	36.97	73	56.85	9/22/1988	11:28	0.3	21	7.3	268
1988	8	71	4	2	154	41	38.88	73	57.23	9/22/1988	11:03	0.3	21.5	7.3	259
1988	8	72	4	2	151	41	40.04	73	57.11	9/22/1988	10:35	0.3	21	7.7	267
1988	8	74	4	2	147	41	41.29	73	56.8	9/22/1988	9:58	0.3	21.4	7.4	258
1988	8	80	6	2	137	41	46.14	73	56.82	9/22/1988	9:22	0.3	20	7.9	258
1988	8	82	4	2	134	41	48.51	73	57.22	9/22/1988	8:59	0.3	20.1	7.7	254
1988	8	83	4	2	131	41	49.33	73	57.31	9/21/1988	8:41	0.3	20.1	7.6	253
1988	8	84	4	2	129	41	50.61	73	57.28	9/22/1988	8:14	0.3	20	7.8	248
1988	8	85	4	2	128					9/22/1988	7:58	0.3	20.1	7.7	248
1988	8	88	6	4	122	41	53.023	73	56.214	9/21/1988	16:37	0.3	20.1	9.1	283
1988	8	89	6	4	121	41	53.84	73	57.04	9/21/1988	16:05	0.3	20.1	9.3	280
1988	8	90	6	4	120	41	54.02	73	57.2	9/21/1988	15:41	0.3	20	9.1	279
1988	8	92	4	4	118	41	56.32	73	58.1	9/21/1988	15:14	0.3	21.1	9.7	284

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1988	8	93	4	4	116	41	57.05	73	57.77	9/21/1988	14:42	0.3	21	9.3	280
1988	8	96	4	4	105	42	0.22	73	56.65	9/21/1988	13:49	0.3	20.2	8.4	298
1988	8	96	4	4	108	41	59.76	73	56.81	9/21/1988	14:05	0.3	20.2	8.7	307
1988	8	97	4	4	103	42	0.5	73	56.51	9/21/1988	13:30	0.3	20.4	8.8	300
1988	8	98	4	2	100	42	1.67	73	56.54	9/21/1988	12:24	0.3	20.3	8.9	298
1988	8	98	4	2	101	42	1.426	73	56.456	9/21/1988	13:03	0.3	20.7	9.2	286
1988	8	99	6	2	99	42	2.02	73	55.73	9/21/1988	12:10	0.3	20.2	8.9	291
1988	8	105	4	2	97	42	7.68	73	55.13	9/21/1988	11:29	0.3	20.4	8.8	301
1988	8	105	5	2	98	42	7.33	73	55.3	9/21/1988	11:41	0.3	20.9	9.1	292
1988	8	106	4	2	96	42	8.147	73	54.796	9/21/1988	11:17	0.3	20.3	9.1	290
1988	8	112	4	2	88	42	12.69	73	51.26	9/21/1988	10:51	0.3	20.4	9.9	301
1988	8	113	6	2	87	42	13.32	73	50.85	9/21/1988	10:29	0.3	20.1	8.9	296
1988	8	114	4	2	81	42	14.39	73	50.549	9/20/1988	17:19	0.3	20.9	8.1	259
1988	8	114	4	2	83	42	14.26	73	50.71	9/21/1988	10:16	0.3	20	9	301
1988	8	117	4	2	76	42	15.84	73	47.69	9/20/1988	16:53	0.3	20.8	7.9	254
1988	8	119	6	2	72	42	16.82	73	47.28	9/20/1988	16:26	0.3	20.5	7.7	261
1988	8	121	6	4	66	42	19.33	73	46.85	9/20/1988	15:37	0.3	20.7	7.8	252
1988	8	121	6	4	67	42	18.82	73	46.89	9/20/1988	15:56	0.3	20.7	7.9	256
1988	8	122	6	4	64	42	19.9	73	46.8	9/20/1988	15:12	0.3	20.7	7.8	252
1988	8	123	4	4	59					9/20/1988	14:53	0.3	19.9	8.1	255
1988	8	125	4	4	53	42	22.27	73	47.62	9/20/1988	14:17	0.3	19.7	7.9	254
1988	8	128	4	4	44	42	25	73	46.99	9/20/1988	13:30	0.3	19.8	7.9	258
1988	8	129	4	3	41	42	25.79	73	46.99	9/20/1988	13:09	0.3	19.8	7.9	255
1988	8	129	6	2	38	42	26.05	73	46.82	9/20/1988	12:29	0.3	19.8	7.8	253
1988	8	132	4	2	30					9/20/1988	11:55	0.3	19.8	7.9	254
1988	8	134	4	2	29	42	29.09	73	47.273	9/20/1988	11:33	0.3	19.8	8	253
1988	8	135	4	2	26	42	30.91	73	46.27	9/20/1988	10:53	0.3	19.6	7.9	243
1988	9	14	4	2	265					10/3/1988	15:06	0.3	20	7.4	16911
1988	9	14	4	2	266	40	52.925	73	56.648	10/3/1988	14:46	0.3	20	7.2	16800
1988	9	15	4	2	264	40	53.57	73	56.32	10/3/1988	15:19	0.3	19.9	7.1	16725
1988	9	18	4	2	260	40	56.889	73	55.1	10/3/1988	14:19	0.3	19.8	7.4	14541
1988	9	22	6	1	256	40	59.97	73	53.05	10/3/1988	13:51	0.3	20	7.9	13263
1988	9	24	6	1	252	41	2.057	73	52.505	10/3/1988	13:30	0.3	20	8.4	12932
1988	9	25	4	2	250	41	2.86	73	55.07	10/3/1988	16:10	0.3	19.9	7.3	13291
1988	9	25	6	4	251	41	2.46	73	52.42	10/3/1988	13:18	0.3	20.1	7.6	13125
1988	9	26	4	2	283	41	8.34	73	54.4	10/3/1988	16:28	0.3	20	7.5	13153
1988	9	26	6	4	247	41	3.891	73	52.077	10/3/1988	12:03	0.3	20	8	12379
1988	9	26	6	4	248	41	3.273	73	52.221	10/3/1988	12:23	0.3	20	7.7	12269
1988	9	26	6	4	249	41	2.67	73	52.3	10/3/1988	12:34	0.3	20	7.6	12269
1988	9	26	6	2	271	41	3.77	73	55.22	10/3/1988	16:43	0.3	19.7	7.7	13125
1988	9	27	4	2	245	41	4.19	73	55.21	10/3/1988	16:59	0.3	19.8	7.8	12987
1988	9	27	4	4	245	41	4.19	73	55.21	10/4/1988	14:09	0.3	18.2	8.9	11141
1988	9	27	4	4	272	41	4.49	73	55.14	10/4/1988	14:28	0.3	18.1	8.4	10820

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1988	9	28	6	4	243	41	5.683	73	52.214	10/3/1988	11:20	0.3	19.8	8	10323
1988	9	28	6	4	244	41	5.33	73	52.33	10/3/1988	11:40	0.3	20	8.8	10721
1988	9	28	6	4	244	41	5.33	73	52.33	10/4/1988	13:51	0.3	19.2	8.4	11579
1988	9	29	4	1	242	41	6.1	73	54.88	10/4/1988	14:50	0.3	18	8.8	10382
1988	9	30	4	1	241	41	7.14	73	54.77	10/4/1988	15:12	0.3	19.3	8.7	9199
1988	9	31	4	2	285	41	3.607	73	55.196	10/4/1988	15:35	0.3	19.9	8.4	8196
1988	9	32	4	2	239	41	8.81	73	54.6	10/4/1988	16:07	0.3	20	8.4	7737
1988	9	32	4	2	240	41	8.48	73	54.42	10/4/1988	15:50	0.3	19.9	8.7	8086
1988	9	32	6	4	237	41	9.274	73	52.181	10/3/1988	10:43	0.3	19.9	8.8	9858
1988	9	32	6	4	238	41	8.85	73	52.123	10/3/1988	10:59	0.3	21.1	9.2	9612
1988	9	32	6	4	269	41	9.445	73	52.243	10/3/1988	10:20	0.3	20	8	9947
1988	9	32	6	4	237	41	9.274	73	52.181	10/4/1988	13:20	0.3	19.8	8.7	9657
1988	9	33	6	4	236	41	9.79	73	52.202	10/3/1988	9:44	0.3	19.6	8.8	9475
1988	9	34	6	4	233	41	10.662	73	53.922	10/4/1988	12:44	0.3	19.9	9.5	7975
1988	9	34	6	4	234	41	10.19	73	53.93	10/4/1988	13:02	0.3	20.2	9.9	8585
1988	9	35	4	2	229	41	10.59	73	56.41	10/4/1988	16:37	0.3	20.4	7.9	7014
1988	9	35	4	2	230	41	10.59	73	56.39	10/4/1988	16:26	0.3	20.5	8.3	6781
1988	9	35	4	2	277	41	10.95	73	57.06	10/4/1988	16:53	0.3	20	7.9	6742
1988	9	35	6	4	231	41	11.23	73	53.69	10/4/1988	11:10	0.3	19	9.1	8242
1988	9	35	6	4	232	41	11.172	73	53.996	10/4/1988	11:34	0.3	19.3	8.8	8189
1988	9	35	6	4	274	41	11.17	73	53.71	10/4/1988	10:45	0.3	19	8.9	8129
1988	9	35	6	4	275	41	11.31	73	53.54	10/4/1988	10:18	0.3	18.9	9.5	14030
1988	9	36	6	2	227	41	11.02	73	57.41	10/4/1988	17:03	0.3	20.1	8.4	6728
1988	9	36	6	4	276	41	12.17	73	53.51	10/4/1988	9:56	0.3	19.2	9.2	7869
1988	9	38	4	2	223	41	12.89	73	57.806	10/4/1988	17:20	0.3	20.5	7.8	6562
1988	9	38	4	2	278	41	12.96	73	57.828	10/4/1988	17:35	0.3	20.4	6.8	6685
1988	9	38	4	2	280	41	13.4	73	57.81	10/4/1988	17:45	0.3	20.3	7.8	6590
1988	9	40	4	2	214	41	14.31	73	58.5	10/7/1988	10:56	0.3	17.1	11.5	8116
1988	9	40	6	2	210	41	14.87	73	57.74	10/7/1988	10:22	0.3	19.5	8	9048
1988	9	40	6	2	212					10/7/1988	10:37	0.3	19.4	8.4	9179
1988	9	43	6	2	203	41	16.91	73	56.26	10/6/1988	9:51	0.3	18.9	8.5	5216
1988	9	44	6	2	201	41	17.74	73	56.87	10/7/1988	9:36	0.3	19.8	8.6	6771
1988	9	49	4	2	196	41	21.16	73	57.74	10/4/1988	15:52	0.3	20.7	7	2363
1988	9	51	6	2	195	41	22.87	73	50.61	10/4/1988	15:28	0.3	19.9	9.5	2237
1988	9	52	6	1	193	41	24.12	73	57.31	10/4/1988	15:04	0.3	20.7	7.1	2015
1988	9	53	4	4	192	41	24.19	73	57.95	10/4/1988	14:41	0.3	20.3	7.2	1406
1988	9	55	6	4	189	41	25.66	73	58.14	10/4/1988	13:33	0.3	20	7.2	1304
1988	9	56	4	4	187	41	26.83	74	0.5	10/4/1988	12:54	0.3	18.5	9.4	799
1988	9	57	4	4	185	41	27.68	74	0.73	10/4/1988	12:26	0.3	19.2	8.7	538
1988	9	58	4	4	184	41	27.78	74	0.7	10/4/1988	12:00	0.3	18.4	9.5	629
1988	9	59	6	4	179	41	29.24	73	59.34	10/4/1988	10:52	0.3	18.7	8.6	682
1988	9	59	6	4	180	41	29.08	73	59.37	10/4/1988	11:14	0.3	18.7	8.4	648
1988	9	59	6	4	181	41	29.04	73	59.33	10/4/1988	11:35	0.3	18.7	8.4	670

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1988	9	69	4	4	155	41	37.44	73	57.43	10/6/1988	14:48	0.3	19.3	7.9	285
1988	9	69	6	4	158	41	36.94	73	56.81	10/6/1988	15:07	0.3	19.8	7.4	275
1988	9	72	6	4	152	41	39.77	73	56.55	10/6/1988	14:25	0.3	19.5	7.6	266
1988	9	73	6	4	150	41	40.28	73	56.49	10/6/1988	14:07	0.3	19.3	8.1	266
1988	9	74	6	4	148	41	41.15	73	56.31	10/6/1988	13:45	0.3	19.5	8.6	265
1988	9	78	4	4	139	41	44.786	73	56.758	10/6/1988	13:19	0.3	18.9	7.9	255
1988	9	82	4	3	135	41	47.474	73	57.457	10/6/1988	12:59	0.3	19.1	8.6	255
1988	9	83	4	2	131	41	49.33	73	57.31	10/6/1988	12:47	0.3	18.9	8.5	255
1988	9	84	4	2	129	41	50.61	73	57.28	10/6/1988	12:20	0.3	18.6	8.9	256
1988	9	85	6	2	127	41	51.18	73	56.5	10/6/1988	12:05	0.3	18	8.3	255
1988	9	89	6	2	121	41	53.84	73	57.04	10/6/1988	11:33	0.3	17.1	8.5	260
1988	9	90	4	2	120	41	54.02	73	57.2	10/6/1988	11:17	0.3	17.5	8.8	257
1988	9	92	4	2	118	41	56.32	73	58.1	10/6/1988	8:18	0.3	16.3	8.9	267
1988	9	93	4	2	116	41	57.05	73	57.77	10/6/1988	8:38	0.3	15.8	8.4	259
1988	9	93	6	2	117	41	57.036	73	56.721	10/6/1988	10:43	0.3	17.3	8.7	254
1988	9	94	4	2	113	41	58.38	73	57.25	10/6/1988	9:06	0.3	17.2	8.7	257
1988	9	94	4	2	115	41	57.78	73	57.47	10/6/1988	8:55	0.3	16.2	9.1	259
1988	9	96	4	2	105	42	0.22	73	56.65	10/6/1988	9:45	0.3	17	8.9	255
1988	9	96	4	2	110	41	59.4	73	56.94	10/6/1988	9:25	0.3	16.8	9.1	256
1988	9	97	4	2	102	42	0.83	73	56.38	10/6/1988	10:19	0.3	16.6	9.2	254
1988	9	98	4	2	101	42	1.426	73	56.456	10/6/1988	9:59	0.3	17.4	8.9	255
1988	9	105	4	4	97	42	7.68	73	55.13	10/5/1988	15:22	0.3	18.1	8.7	253
1988	9	105	4	4	98	42	7.33	73	55.3	10/5/1988	15:34	0.3	18.3	9.1	256
1988	9	106	4	4	96	42	8.147	73	54.796	10/5/1988	15:10	0.3	17.9	9	260
1988	9	114	4	4	82	42	14.31	73	50.58	10/5/1988	16:05	0.3	18.3	8.3	243
1988	9	114	6	4	84	42	14.02	73	50.18	10/5/1988	16:40	0.3	18.6	9.6	245
1988	9	114	6	4	85	42	13.54	73	50.75	10/5/1988	16:30	0.3	18.2	8.9	245
1988	9	115	6	4	80	42	14.8	73	49.1	10/5/1988	15:28	0.3	18.5	8.2	242
1988	9	116	6	2	77	42	15.02	73	48.31	10/5/1988	14:12	0.3	18.3	8.7	243
1988	9	118	4	2	75	42	16.12	73	47.49	10/5/1988	13:59	0.3	18.6	9.3	245
1988	9	119	6	2	72	42	16.82	73	47.28	10/5/1988	13:42	0.3	18.2	9.7	245
1988	9	121	4	2	65	42	19.307	73	47.217	10/5/1988	13:10	0.3	18.3	9.4	254
1988	9	121	6	2	67	42	18.82	73	46.89	10/5/1988	13:23	0.3	18.7	9.4	249
1988	9	122	4	2	63	42	19.84	73	47.18	10/5/1988	12:54	0.3	18.2	9.4	255
1988	9	128	6	2	43	42	25.02	73	46.62	10/5/1988	12:20	0.3	18.3	8.6	242
1988	9	129	4	2	40	42	25.67	73	46.67	10/5/1988	11:42	0.3	18.1	8	264
1988	9	129	4	2	41	42	25.79	73	46.99	10/5/1988	12:06	0.3	18.1	8.3	246
1988	9	129	6	2	39	42	25.879	73	46.76	10/5/1988	11:19	0.3	17.7	8.2	259
1988	9	130	4	2	37	42	26.76	73	47.22	10/5/1988	10:54	0.3	17.9	7.9	267
1988	9	131	4	2	35	42	27.8	73	47.1	10/5/1988	10:29	0.3	17.7	8	261
1988	9	135	4	2	26	42	30.91	73	46.27	10/5/1988	9:55	0.3	17.9	7.7	250
1988	10	14	4	2	265					10/18/1988	14:47	0.3	15.1	8.7	23479
1988	10	15	4	2	263	40	54.252	73	55.961	10/18/1988	14:24	0.3	15	9	20821

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	10	18	4	2	260	40	56.889	73	55.1	10/18/1988	14:00	0.3	15	9.3	18603
1988	10	20	6	2	258	40	57.73	73	53.661	10/18/1988	13:32	0.3	15.2	10.8	16803
1988	10	22	6	2	256	40	59.97	73	53.05	10/18/1988	13:03	0.3	15.1	10.2	17332
1988	10	24	6	3	252	41	2.057	73	52.505	10/21/1988	11:47	0.3	13.9	9.6	18060
1988	10	25	4	3	250	41	2.86	73	55.07	10/21/1988	12:09	0.3	12.8	10.6	14247
1988	10	25	6	3	251	41	2.46	73	52.42	10/21/1988	11:31	0.3	14	9	17641
1988	10	26	4	2	283	41	8.34	73	54.4	10/18/1988	12:27	0.3	14.9	11.3	14817
1988	10	26	4	3	271	41	3.77	73	55.22	10/21/1988	12:24	0.3	12.7	10.5	14280
1988	10	26	6	3	247	41	3.891	73	52.077	10/21/1988	10:56	0.3	14.2	9.1	16934
1988	10	26	6	3	248	41	3.273	73	52.221	10/21/1988	11:08	0.3	13.9	9	17934
1988	10	26	6	3	249	41	2.67	73	52.3	10/21/1988	11:17	0.3	14.1	9.1	17727
1988	10	27	4	2	272	41	4.49	73	55.14	10/18/1988	11:57	0.3	14.6	11.2	14544
1988	10	27	4	3	245	41	4.19	73	55.21	10/21/1988	12:41	0.3	13	10.5	14182
1988	10	27	4	3	272	41	4.49	73	55.14	10/21/1988	13:07	0.3	12.7	10.3	14150
1988	10	28	6	3	243	41	5.683	73	52.214	10/21/1988	10:10	0.3	13.7	9.7	15224
1988	10	28	6	4	244	41	5.33	73	52.33	10/21/1988	10:29	0.3	13.8	9.7	15316
1988	10	29	4	2	242	41	6.1	73	54.88	10/18/1988	11:35	0.3	15.3	10.5	13094
1988	10	30	4	2	241	41	7.14	73	54.77	10/18/1988	11:15	0.3	15.1	10.1	13153
1988	10	30	4	3	241	41	7.14	73	54.77	10/21/1988	13:30	0.3	13.8	10.6	12658
1988	10	31	4	2	285	41	3.607	73	55.196	10/18/1988	10:53	0.3	15.5	10.2	12793
1988	10	32	4	4	239	41	8.81	73	54.6	10/18/1988	10:02	0.3	15.8	9.6	12224
1988	10	32	4	4	240	41	8.48	73	54.42	10/18/1988	10:35	0.3	15.4	10.3	12943
1988	10	32	4	3	239	41	8.81	73	54.6	10/21/1988	13:56	0.3	14.1	9.5	12446
1988	10	32	6	2	269	41	9.445	73	52.243	10/20/1988	9:25	0.3	14.3	9	12265
1988	10	32	6	2	237	41	9.274	73	52.181	10/21/1988	9:40	0.3	14	9.4	12349
1988	10	32	6	2	238	41	8.85	73	52.123	10/21/1988	9:51	0.3	14	9.5	12475
1988	10	33	6	2	236	41	9.79	73	52.202	10/21/1988	9:07	0.3	14.1	9.5	11944
1988	10	34	6	2	233	41	10.662	73	53.922	10/17/1988	10:52	0.3	15.7	12	12130
1988	10	34	6	2	234	41	10.19	73	53.93	10/17/1988	11:12	0.3	15.6	11.1	12144
1988	10	35	4	2	229	41	10.59	73	56.41	10/17/1988	11:58	0.3	17.4	9	10400
1988	10	35	4	2	230	41	10.59	73	56.39	10/17/1988	11:45	0.3	17.1	9.2	10586
1988	10	35	4	2	277	41	10.95	73	57.06	10/17/1988	12:43	0.3	17.3	8.7	10657
1988	10	35	6	1	231	41	11.23	73	53.69	10/17/1988	10:09	0.3	15.1	11.5	12170
1988	10	35	6	2	274	41	11.17	73	53.71	10/17/1988	10:27	0.3	15.1	11.9	12280
1988	10	35	6	1	275	41	11.31	73	53.54	10/17/1988	9:49	0.3	15.1	10.6	12415
1988	10	36	4	2	226	41	11.8	73	57.5	10/17/1988	13:04	0.3	17.6	8.8	10355
1988	10	36	6	1	228	41	12.25	73	53.5	10/17/1988	9:19	0.3	14.9	9.3	11113
1988	10	38	4	2	223	41	12.89	73	57.806	10/17/1988	13:22	0.3	18.9	8.8	9617
1988	10	38	4	2	278	41	12.96	73	57.828	10/17/1988	13:38	0.3	18.6	8.6	9394
1988	10	38	4	2	279	41	13.36	73	57.82	10/17/1988	13:48	0.3	18.7	9.1	9658
1988	10	38	4	2	280	41	13.4	73	57.81	10/17/1988	14:05	0.3	18.3	8.7	9742
1988	10	40	4	2	214	41	14.31	73	58.5	10/17/1988	14:31	0.3	17.4	10.3	9349
1988	10	40	6	2	212					10/17/1988	14:58	0.3	17.7	9	9288

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1988	10	42	4	3	206	41	16.412	73	58.1	10/21/1988	14:45	0.3	14.8	10.6	8663
1988	10	42	6	3	207	41	15.3	73	57.8	10/17/1988	15:48	0.3	18.5	9.1	8559
1988	10	43	6	3	205	41	16.413	73	56.551	10/17/1988	16:17	0.3	17.8	9.2	8110
1988	10	49	4	3	196	41	21.16	73	57.74	10/21/1988	15:25	0.3	15.5	8.6	4995
1988	10	52	6	3	193	41	24.12	73	57.31	10/21/1988	16:00	0.3	15.2	8.6	4661
1988	10	53	4	3	192	41	24.19	73	57.95	10/21/1988	16:30	0.3	15.2	8.4	3680
1988	10	54	6	2	190	41	24.961	73	57.702	10/20/1988	17:40	0.3	15.8	8.5	3147
1988	10	55	6	2	189	41	25.66	73	58.14	10/20/1988	17:20	0.3	16	8.6	2892
1988	10	57	4	2	185	41	27.68	74	0.73	10/20/1988	17:05	0.3	16.1	10.2	2092
1988	10	58	4	1	184	41	27.78	74	0.7	10/20/1988	16:50	0.3	15.8	8.8	1912
1988	10	59	6	4	179	41	29.24	73	59.34	10/20/1988	16:06	0.3	16.1	9.5	1719
1988	10	59	6	4	180	41	29.08	73	59.37	10/20/1988	15:51	0.3	16.1	9.5	1719
1988	10	59	6	4	181	41	29.04	73	59.33	10/20/1988	15:35	0.3	16	8.9	1747
1988	10	60	6	1	178	41	29.25	73	59.32	10/20/1988	16:24	0.3	16.1	9.5	1671
1988	10	69	4	4	155	41	37.44	73	57.43	10/20/1988	14:22	0.3	17	9.6	369
1988	10	69	6	4	156	41	37.03	73	56.88	10/20/1988	14:52	0.3	16.1	8	355
1988	10	69	6	4	158	41	36.94	73	56.81	10/20/1988	15:04	0.3	16.3	8.1	364
1988	10	71	4	4	153	41	39.06	73	57.257	10/20/1988	14:06	0.3	16	8.9	289
1988	10	72	4	4	152	41	39.77	73	56.55	10/20/1988	13:42	0.3	16	9	311
1988	10	77	4	4	140	41	44.56	73	56.17	10/20/1988	13:12	0.3	15.1	8.6	283
1988	10	81	4	4	135	41	47.474	73	57.457	10/20/1988	12:43	0.3	14	9.5	328
1988	10	83	4	3	133	41	48.74	73	57.19	10/20/1988	12:14	0.3	15	9.3	270
1988	10	84	4	3	129	41	50.61	73	57.28	10/20/1988	11:55	0.3	14	9.3	278
1988	10	85	6	2	127	41	51.18	73	56.5	10/20/1988	11:33	0.3	13.4	8.9	281
1988	10	86	6	2	125	41	51.75	73	55.89	10/20/1988	11:16	0.3	12.9	9.2	279
1988	10	91	4	2	119	41	55.847	73	56.774	10/20/1988	10:50	0.3	13	9.5	278
1988	10	92	4	2	118	41	56.32	73	58.1	10/20/1988	9:25	0.3	12.5	9.5	284
1988	10	93	4	2	116	41	57.05	73	57.77	10/20/1988	9:41	0.3	11.5	9.5	294
1988	10	93	6	2	117	41	57.036	73	56.721	10/20/1988	10:33	0.3	12.2	9	282
1988	10	94	4	2	115	41	57.78	73	57.47	10/20/1988	10:00	0.3	12.2	9.4	289
1988	10	95	6	4	112	41	58.238	73	56.123	10/19/1988	18:04	0.3	13.2	9.5	278
1988	10	96	4	2	110	41	59.4	73	56.94	10/20/1988	10:13	0.3	12.8		285
1988	10	96	6	4	107	41	59.89	73	55.93	10/19/1988	17:40	0.3	14	10.8	280
1988	10	97	4	4	102	42	0.83	73	56.38	10/19/1988	17:25	0.3	14	9.5	315
1988	10	98	4	4	101	42	1.426	73	56.456	10/19/1988	17:00	0.3	13.5	9.1	278
1988	10	99	6	4	99	42	2.02	73	55.73	10/19/1988	16:44	0.3	13.5	9.8	277
1988	10	105	4	4	98	42	7.33	73	55.3	10/19/1988	16:20	0.3	13.9	9.5	328
1988	10	106	4	4	96	42	8.147	73	54.796	10/19/1988	16:00	0.3	13.9	10	328
1988	10	113	6	4	87	42	13.32	73	50.85	10/19/1988	15:20	0.3	14	10	273
1988	10	116	4	4	78					10/19/1988	14:39	0.3	14.3	10.8	313
1988	10	116	6	4	77	42	15.02	73	48.31	10/19/1988	14:15	0.3	14	9.8	276
1988	10	117	4	4	76	42	15.84	73	47.69	10/19/1988	14:00	0.3	14.8	10.7	307
1988	10	118	6	4	75	42	16.12	73	47.49	10/19/1988	13:42	0.3	14.5	11.2	270

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1988	10	119	6	4	69	42	17.29	73	46.78	10/19/1988	13:30	0.3	12.5	11.5	283
1988	10	121	4	4	68	42	18.53	73	47.1	10/19/1988	13:15	0.3	14.8	10.8	285
1988	10	121	6	4	66	42	19.33	73	46.85	10/19/1988	13:02	0.3	14	10	316
1988	10	122	4	4	63	42	19.84	73	47.18	10/19/1988	12:47	0.3	14.1	9.8	304
1988	10	123	4	4	61	42	20.29	73	47.24	10/19/1988	12:40	0.3	13.9	9.9	270
1988	10	129	6	4	40	42	25.67	73	46.67	10/19/1988	12:10	0.3	14	9.9	257
1988	10	130	4	4	37	42	26.76	73	47.22	10/19/1988	11:39	0.3	13.5	9	268
1988	10	131	6	4	34					10/19/1988	11:54	0.3	13.7		255
1988	10	134	4	3	28	42	30.027	73	46.913	10/19/1988	9:15	0.3	13	10.2	271
1988	10	138	4	3	20	42	33.5	73	45.35	10/19/1988	10:03	0.3	12.9	9.3	233
1988	10	139	4	3	19	42	34.03	73	45.26	10/19/1988	9:47	0.3	13	9.3	258
1988	10	140	4	3	10					10/19/1988	10:17	0.3	13.2	9	261
1988	11	18	4	2	260	40	56.889	73	55.1	10/31/1988	14:23	0.3	11.8	10	14319
1988	11	18	6	2	261	40	56.27	73	54.17	10/31/1988	14:42	0.3	12.1	9.4	16851
1988	11	20	6	2	258	40	57.73	73	53.661	10/31/1988	13:48	0.3	11.9	9.6	15608
1988	11	21	6	2	257	40	59.13	73	53.13	10/31/1988	13:21	0.3	12.1	10.2	13560
1988	11	23	6	2	254	41	1.086	73	52.681	10/31/1988	13:00	0.3	12.1	10.5	12375
1988	11	25	4	2	250	41	2.86	73	55.07	10/31/1988	12:35	0.3	10.7	10.3	11977
1988	11	25	4	2	250	41	2.86	73	55.07	11/3/1988	13:44	0.3	10.9	11.3	10565
1988	11	25	6	2	251	41	2.46	73	52.42	10/31/1988	15:20	0.3	11.8	10.2	13125
1988	11	26	4	2	283	41	8.34	73	54.4	10/31/1988	12:21	0.3	10.9	11	11784
1988	11	26	4	1	271	41	3.77	73	55.22	11/3/1988	13:30	0.3	11.2	12	10489
1988	11	26	6	2	247	41	3.891	73	52.077	10/31/1988	15:35	0.3	11.5	10.3	12284
1988	11	27	4	2	272	41	4.49	73	55.14	10/31/1988	12:05	0.3	10.8	10.8	11677
1988	11	27	4	1	245	41	4.19	73	55.21	11/3/1988	13:15	0.3	10.6	12.3	10096
1988	11	27	4	4	272	41	4.49	73	55.14	11/3/1988	12:53	0.3	10.2	10.7	9919
1988	11	28	6	2	243	41	5.683	73	52.214	10/31/1988	16:02	0.3	11.6	10.5	10923
1988	11	28	6	2	244	41	5.33	73	52.33	10/31/1988	15:50	0.3	11.5	11	11884
1988	11	28	6	2	243	41	5.683	73	52.214	11/3/1988	14:28	0.3	12	10.3	7654
1988	11	28	6	2	244	41	5.33	73	52.33	11/3/1988	14:10	0.3	11.3	11.2	7513
1988	11	29	4	2	242	41	6.1	73	54.88	10/31/1988	11:45	0.3	12.4	10.8	9805
1988	11	30	4	2	241	41	7.14	73	54.77	10/31/1988	11:22	0.3	12.3	10.7	9566
1988	11	30	4	4	241	41	7.14	73	54.77	11/3/1988	12:33	0.3	11.8	11.1	9148
1988	11	31	4	2	285	41	3.607	73	55.196	10/31/1988	10:56	0.3	13	11.2	7864
1988	11	32	4	4	239	41	8.81	73	54.6	11/3/1988	11:42	0.3	11.8	10.8	6496
1988	11	32	4	4	240	41	8.48	73	54.42	11/3/1988	12:09	0.3	11.8	10	7292
1988	11	32	6	3	269	41	9.445	73	52.243	10/31/1988	16:25	0.3	11.2	11.1	9279
1988	11	32	6	2	237	41	9.274	73	52.181	11/3/1988	15:10	0.3	10.7	10.7	7486
1988	11	32	6	2	238	41	8.85	73	52.123	11/3/1988	14:54	0.3	10.1	12	8148
1988	11	32	6	2	269	41	9.445	73	52.243	11/3/1988	15:20	0.3	9.6	12	7130
1988	11	33	6	2	236	41	9.79	73	52.202	11/3/1988	15:31	0.3	8.8	11.3	7273
1988	11	34	6	2	233	41	10.662	73	53.922	11/3/1988	16:11	0.3	10.4	11.7	7266
1988	11	34	6	2	234	41	10.19	73	53.93	11/3/1988	16:00	0.3	11	11.1	6621

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1988	11	34	6	2	235	41	10.632	73	52.59	11/3/1988	15:41	0.3	10.5	12.1	8753
1988	11	35	4	4	229	41	10.59	73	56.41	11/3/1988	11:15	0.3	12.2	10.7	6042
1988	11	35	4	4	277	41	10.95	73	57.06	11/3/1988	10:59	0.3	12.1	10	5661
1988	11	36	4	4	226	41	11.8	73	57.5	11/3/1988	9:51	0.3	12.1	10.3	6319
1988	11	36	4	4	227	41	11.02	73	57.41	11/3/1988	10:40	0.3	11.7	10.4	5980
1988	11	36	4	4	281	41	11.13	73	57.16	11/3/1988	10:28	0.3	12.1	10.1	5661
1988	11	36	4	4	282	41	11.2	73	57.17	11/3/1988	10:15	0.3	11.8	10.2	6099
1988	11	37	4	4	225	41	12.096	73	57.458	11/3/1988	9:32	0.3	12	9.8	6862
1988	11	38	4	4	221	41	13.43	73	57.79	11/3/1988	8:40	0.3	12.2	10.2	5635
1988	11	38	4	4	222	41	12.979	73	57.867	11/3/1988	8:50	0.3	12.3	10	5648
1988	11	38	4	4	278	41	12.96	73	57.828	11/3/1988	9:14	0.3	12.1	10.4	5845
1988	11	38	4	4	279	41	13.36	73	57.82	11/3/1988	9:03	0.3	12.2	10.6	5779
1988	11	39	4	4	215	41	13.62	73	58.34	11/3/1988	8:04	0.3	11.2	9.9	4949
1988	11	39	4	4	216	41	13.48	73	57.84	11/3/1988	8:21	0.3	11.7	9.4	5395
1988	11	40	6	4	211	41	14.88	73	57.6	11/3/1988	7:23	0.3	11.8	10.1	4892
1988	11	40	6	4	213	41	14.64	73	57.15	11/3/1988	7:44	0.3	11.3	10.7	4977
1988	11	42	6	2	207	41	15.3	73	57.8	11/3/1988	16:30	0.3	13.5	10	4091
1988	11	49	4	2	196	41	21.16	73	57.74	11/2/1988	16:25	0.3	12.3	9.8	2254
1988	11	51	6	2	195	41	22.87	73	50.61	11/2/1988	16:15	0.3	11.6	9.9	2011
1988	11	52	6	2	193	41	24.12	73	57.31	11/2/1988	16:03	0.3	11.7	10.8	1728
1988	11	53	4	2	192	41	24.19	73	57.95	11/2/1988	15:40	0.3	11	10.7	1095
1988	11	55	6	2	189	41	25.66	73	58.14	11/2/1988	15:15	0.3	11.1	10.5	1281
1988	11	56	4	2	187	41	26.83	74	0.5	11/2/1988	14:59	0.3	10.3	10.1	647
1988	11	57	4	2	185	41	27.68	74	0.73	11/2/1988	14:40	0.3	10.8	10.3	653
1988	11	58	4	2	184	41	27.78	74	0.7	11/2/1988	14:29	0.3	10.6	10.6	640
1988	11	59	6	1	177	41	29.52	73	59.24	11/2/1988	13:53	0.3	10	10.9	574
1988	11	59	6	2	180	41	29.08	73	59.37	11/2/1988	14:10	0.3	9.6	11.3	601
1988	11	61	4	4	174	41	31.15	74	0.37	11/2/1988	13:29	0.3	12.3	9.8	352
1988	11	62	4	4	171	41	32.19	73	59.91	11/2/1988	13:07	0.3	11.7	10.2	330
1988	11	64	4	4	164	41	33.37	73	59.18	11/2/1988	12:49	0.3	12.3	10	326
1988	11	69	6	4	157	41	36.97	73	56.85	11/2/1988	12:22	0.3	11.4	9.8	288
1988	11	71	4	4	154	41	38.88	73	57.23	11/2/1988	11:58	0.3	10.9	10.2	282
1988	11	74	4	4	147	41	41.29	73	56.8	11/2/1988	11:33	0.3	10.5	10.4	274
1988	11	81	4	4	135	41	47.474	73	57.457	11/2/1988	11:00	0.3	9.8	10.5	274
1988	11	83	4	4	131	41	49.33	73	57.31	11/2/1988	10:15	0.3	9.6	10.5	267
1988	11	83	4	4	133	41	48.74	73	57.19	11/2/1988	10:32	0.3	9.6	10.5	271
1988	11	84	4	4	129	41	50.61	73	57.28	11/2/1988	9:54	0.3	9.4	10.6	270
1988	11	85	6	4	127	41	51.18	73	56.5	11/2/1988	9:42	0.3	9.6	10.5	271
1988	11	89	6	4	121	41	53.84	73	57.04	11/2/1988	9:26	0.3	9.3	10.8	269
1988	11	90	6	3	120	41	54.02	73	57.2	11/2/1988	8:59	0.3	9.2	10.8	270
1988	11	91	6	2	119	41	55.847	73	56.774	11/2/1988	8:37	0.3	9.1	10.8	268
1988	11	93	4	2	116	41	57.05	73	57.77	11/2/1988	8:06	0.3	9.2	10.8	265
1988	11	93	6	2	117	41	57.036	73	56.721	11/2/1988	8:21	0.3	8.7	10.7	269

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1988	11	95	4	4	111	41	59.083	73	57.079	11/1/1988	16:20	0.3	9.3	10.8	280
1988	11	96	4	4	105	42	0.22	73	56.65	11/1/1988	16:05	0.3	9.2	10.9	268
1988	11	97	4	4	102	42	0.83	73	56.38	11/1/1988	15:33	0.3	9.1	11.2	241
1988	11	97	4	4	103	42	0.5	73	56.51	11/1/1988	15:50	0.3	9	11.3	270
1988	11	98	4	4	100	42	1.67	73	56.54	11/1/1988	14:35	0.3	8.5	11.2	246
1988	11	98	4	4	101	42	1.426	73	56.456	11/1/1988	15:07	0.3	9.1	11.1	272
1988	11	99	6	4	99	42	2.02	73	55.73	11/1/1988	14:16	0.3	8.5	11.1	286
1988	11	105	4	4	97	42	7.68	73	55.13	11/1/1988	13:48	0.3	8.7	11.1	236
1988	11	106	4	4	96	42	8.147	73	54.796	11/1/1988	13:29	0.3	8.6	11.7	304
1988	11	112	4	4	88	42	12.69	73	51.26	11/1/1988	12:59	0.3	8.3	11.5	253
1988	11	113	4	4	87	42	13.32	73	50.85	11/1/1988	11:47	0.3	8.4	12	248
1988	11	114	4	4	81	42	14.39	73	50.549	11/1/1988	12:28	0.3	8.1	12.1	273
1988	11	115	6	4	79	42	14.8	73	49	11/1/1988	12:10	0.3	8.1	11.3	295
1988	11	116	6	4	77	42	15.02	73	48.31	11/1/1988	11:40	0.3	8	11.6	284
1988	11	119	6	4	72	42	16.82	73	47.28	11/1/1988	11:22	0.3	8.2	11.6	253
1988	11	122	4	2	61	42	20.29	73	47.24	11/1/1988	10:45	0.3	8	11.6	247
1988	11	122	4	2	63	42	19.84	73	47.18	11/1/1988	10:57	0.3	7.9	11.4	286
1988	11	123	4	2	59					11/1/1988	10:31	0.3	7.7	11.5	277
1988	11	124	4	2	55	42	21.64	73	47.62	11/1/1988	10:15	0.3	7.5	11.7	265
1988	11	127	4	2	46	42	24.35	73	47.08	11/1/1988	9:35	0.3	7.5	11.6	252
1988	11	127	6	2	47	42	23.853	73	46.901	11/1/1988	9:54	0.3	7.4	11.7	281
1988	11	129	6	2	39	42	25.879	73	46.76	11/1/1988	9:14	0.3	7.9	11.5	255
1988	11	129	6	2	42	42	25.226	73	46.523	11/1/1988	9:27	0.3	11.8	7.8	236
1988	11	130	4	2	37	42	26.76	73	47.22	11/1/1988	8:50	0.3	7.5	11.5	248
1988	11	130	6	2	36					11/1/1988	8:40	0.3	7.6	11.6	257
1988	11	133	4	2	29	42	29.09	73	47.273	11/1/1988	8:20	0.3	7.6	12.1	215
1989	1	16	4	4	262	40	54.9	73	55.7	6/16/1989	12:35	0.3	20.9	8.2	6073
1989	1	21	6	4	257	40	59.13	73	53.13	6/16/1989	12:48	0.3	20.6	7.7	3711
1989	1	22	6	4	256	40	59.97	73	53.05	6/16/1989	13:00	0.3	20.2	7.7	3302
1989	1	25	4	4	250	41	2.86	73	55.07	6/16/1989	12:04	0.3	18.8	8.4	1281
1989	1	26	4	4	283	41	8.34	73	54.4	6/16/1989	11:48	0.3	18.8	8.4	1474
1989	1	27	4	4	245	41	4.19	73	55.21	6/16/1989	11:33	0.3	18.6	8.3	1503
1989	1	27	4	2	272	41	4.49	73	55.14	6/16/1989	11:20	0.3	18.5	8.2	1426
1989	1	28	6	4	243	41	5.683	73	52.214	6/16/1989	13:24	0.3	21.1	8.1	1620
1989	1	28	6	4	244	41	5.33	73	52.33	6/16/1989	13:16	0.3	20.2	8.3	1651
1989	1	29	4	2	242	41	6.1	73	54.88	6/16/1989	11:03	0.3	18.9	7.9	1607
1989	1	30	4	2	241	41	7.14	73	54.77	6/16/1989	10:48	0.3	19.2	7.6	1776
1989	1	31	4	2	285	41	3.607	73	55.196	6/16/1989	10:31	0.3	19.7	7.5	1757
1989	1	32	4	2	239	41	8.81	73	54.6	6/16/1989	10:14	0.3	19.6	7.5	1449
1989	1	32	4	2	240	41	8.48	73	54.42	6/16/1989	10:23	0.3	19.5	7.8	1463
1989	1	35	4	2	277	41	10.95	73	57.06	6/15/1989	9:35	0.3	19.5	7.4	1039
1989	1	35	4	2	229	41	10.59	73	56.41	6/16/1989	9:49	0.3	19.8	7.7	1232
1989	1	35	4	2	230	41	10.59	73	56.39	6/16/1989	9:58	0.3	20	7.4	1216

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1989	1	36	6	4	276	41	12.17	73	53.51	6/16/1989	13:50	0.3	21	11.2	1299
1989	1	38	4	4	222	41	12.979	73	57.867	6/16/1989	14:30	0.3	21	9	758
1989	1	38	4	2	278	41	12.96	73	57.828	6/16/1989	9:03	0.3	19.5	7.5	1028
1989	1	38	6	4	220					6/16/1989	14:12	0.3	20.6	10.2	1091
1989	1	39	6	2	217	41	14.098	73	56.682	6/16/1989	8:28	0.3	19	7.3	790
1989	1	40	4	2	214	41	14.31	73	58.5	6/16/1989	8:14	0.3	19.9	7.8	428
1989	1	40	6	2	211	41	14.88	73	57.6	6/16/1989	7:54	0.3	19.9	8.1	255
1989	1	52	6	4	193	41	24.12	73	57.31	6/15/1989	14:52	0.3	19.3	8.2	179
1989	1	52	6	4	194	41	24.12	73	56.81	6/15/1989	15:03	0.3	19.3	8.1	182
1989	1	53	4	4	192	41	24.19	73	57.95	6/15/1989	14:34	0.3	16.3	9.1	206
1989	1	56	4	4	188	41	26.47	73	59.66	6/15/1989	14:15	0.3	17.8	8.7	199
1989	1	57	4	4	186	41	27.28	74	0.8	6/15/1989	13:58	0.3	19.2	8.3	189
1989	1	58	4	4	184	41	27.78	74	0.7	6/15/1989	13:48	0.3	19.1	8.2	190
1989	1	62	4	4	173	41	31.59	74	0.28	6/15/1989	13:32	0.3	19.5	8.3	190
1989	1	63	4	4	166					6/15/1989	13:21	0.3	20.1	8.9	189
1989	1	66	4	4	160	41	34.777	73	57.753	6/15/1989	13:09	0.3	19.4	7.7	177
1989	1	68	4	4	159	41	36.49	73	57.64	6/15/1989	12:53	0.3	19.4	7.8	178
1989	1	69	6	3	156	41	37.03	73	56.88	6/15/1989	12:33	0.3	19.3	8.1	178
1989	1	69	6	3	157	41	36.97	73	56.85	6/15/1989	12:42	0.3	19.5	8.2	176
1989	1	74	6	2	148	41	41.15	73	56.31	6/15/1989	12:10	0.3	19.6	7.9	178
1989	1	74	6	2	149	41	41.064	73	56.289	6/15/1989	12:22	0.3	19.6	7.7	179
1989	1	77	6	2	141	41	44.46	73	56.21	6/15/1989	11:56	0.3	19.4	7.8	179
1989	1	78	4	2	139	41	44.786	73	56.758	6/15/1989	11:41	0.3	19.4	8.1	177
1989	1	81	4	2	135	41	47.474	73	57.457	6/15/1989	11:19	0.3	19.5	7.9	179
1989	1	82	4	2	134	41	48.51	73	57.22	6/15/1989	11:08	0.3	19.5	7.7	179
1989	1	83	4	2	131	41	49.33	73	57.31	6/15/1989	10:43	0.3	19.5	8.2	179
1989	1	83	4	2	133	41	48.74	73	57.19	6/15/1989	10:53	0.3	19.5	8.1	176
1989	1	84	4	2	129	41	50.61	73	57.28	6/15/1989	10:28	0.3	19.4	8.3	180
1989	1	85	4	2	128					6/15/1989	10:15	0.3	19.4	7.5	178
1989	1	87	4	2	123	41	52.616	73	57.292	6/15/1989	10:00	0.3	18.9	8	182
1989	1	88	6	2	122	41	53.023	73	56.214	6/15/1989	9:49	0.3	18.9	7.8	187
1989	1	89	6	2	121	41	53.84	73	57.04	6/15/1989	9:38	0.3	19.1	7.9	180
1989	1	90	6	2	120	41	54.02	73	57.2	6/15/1989	9:20	0.3	19	7.9	182
1989	1	91	6	2	119	41	55.847	73	56.774	6/15/1989	8:59	0.3	18.9	7.3	183
1989	1	92	4	2	118	41	56.32	73	58.1	6/15/1989	8:17	0.3	18.8	7.3	193
1989	1	93	4	2	116	41	57.05	73	57.77	6/15/1989	8:28	0.3	18.9	7.4	181
1989	1	93	6	2	117	41	57.036	73	56.721	6/15/1989	8:47	0.3	18.8	7.7	185
1989	1	94	4	4	113	41	58.38	73	57.25	6/14/1989	18:53	0.3	19	8	181
1989	1	94	4	4	115	41	57.78	73	57.47	6/14/1989	19:09	0.3	19.3	7.8	179
1989	1	95	4	4	111	41	59.083	73	57.079	6/14/1989	18:42	0.3	19.1	8	178
1989	1	96	4	4	108	41	59.76	73	56.81	6/14/1989	18:22				
1989	1	96	4	4	105	42	0.22	73	56.65	6/14/1989	18:13	0.3	19.4	8.1	181
1989	1	96	4	4	110	41	59.4	73	56.94	6/14/1989	18:31	0.3	19.3	7.9	179

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1989	1	97	4	4	102	42	0.83	73	56.38	6/14/1989	17:27	0.3	19	8	184
1989	1	97	4	4	103	42	0.5	73	56.51	6/14/1989	17:41	0.3	19.3	8.1	183
1989	1	97	4	4	104	42	0.26	73	55.792	6/14/1989	18:00	0.3	19.2	8	178
1989	1	98	4	4	100	42	1.67	73	56.54	6/14/1989	17:04	0.3	19.5	7.8	190
1989	1	98	4	4	101	42	1.426	73	56.456	6/14/1989	17:16	0.3	19	7.9	184
1989	1	99	6	4	99	42	2.02	73	55.73	6/14/1989	16:48	0.3	19.5	7.8	178
1989	1	105	4	4	97	42	7.68	73	55.13	6/14/1989	16:02	0.3	18.9	7.7	184
1989	1	105	4	4	98	42	7.33	73	55.3	6/14/1989	16:20	0.3	19.4	7.8	177
1989	1	106	4	4	96	42	8.147	73	54.796	6/14/1989	15:50	0.3	18.9	8.2	181
1989	1	111	5	4	89					6/14/1989	15:20	0.3	19.4	7.7	182
1989	1	112	4	4	88	42	12.69	73	51.26	6/14/1989	10:50	0.3	18.9	8.6	192
1989	1	113	6	2	87	42	13.32	73	50.85	6/13/1989	11:05	0.3	18.5	8	192
1989	1	114	4	2	82	42	14.31	73	50.58	6/14/1989	11:19	0.3	18.5	8.1	184
1989	1	114	6	4	85	42	13.54	73	50.75	6/14/1989	14:48	0.3	19.2	7.7	192
1989	1	115	6	4	80	42	14.8	73	49.1	6/14/1989	14:20				
1989	1	116	4	2	78					6/14/1989	11:35	0.3	18.4	8.4	189
1989	1	116	6	4	77	42	15.02	73	48.31	6/14/1989	14:10	0.3	18.9	8.1	187
1989	1	117	4	2	76	42	15.84	73	47.69	6/14/1989	11:51	0.3	20.1	8.1	189
1989	1	118	4	2	75	42	16.12	73	47.49	6/14/1989	12:02	0.3	20.1	8.1	186
1989	1	119	6	2	69	42	17.29	73	46.78	6/14/1989	12:43	0.3	20.2	8.1	185
1989	1	119	6	2	71	42	17.16	73	46.8	6/14/1989	12:18	0.3	20.1	8.4	178
1989	1	121	6	2	67	42	18.82	73	46.89	6/14/1989	12:57	0.3	19.8	8	178
1989	1	122	4	4	61	42	20.29	73	47.24	6/14/1989	13:43	0.3	18.9	7.9	188
1989	1	122	4	4	63	42	19.84	73	47.18	6/14/1989	13:10	0.3	19.8	8.2	178
1989	1	122	6	4	62	42	20.105	73	46.848	6/14/1989	13:27	0.3	18.5	8.1	184
1989	1	123	4	4	59					6/13/1989	14:49	0.3	19	8	175
1989	1	124	4	4	55	42	21.64	73	47.62	6/13/1989	14:12	0.3	19.2	7.5	180
1989	1	124	6	4	57	42	21.28	73	47.32	6/13/1989	14:22	0.3	19.2	8.1	177
1989	1	126	4	4	49	42	23.4	73	47.52	6/13/1989	13:58	0.3	18.8	8	170
1989	1	127	4	4	46	42	24.35	73	47.08	6/13/1989	13:43	0.3	19.4	7.9	169
1989	1	128	6	4	43	42	25.02	73	46.62	6/13/1989	13:23	0.3	18.2	8.4	186
1989	1	129	6	4	39	42	25.879	73	46.76	6/13/1989	13:04	0.3	18.9	8.4	171
1989	1	131	6	4	34					6/13/1989	12:50	0.3	19	7.9	182
1989	1	132	4	4	30					6/13/1989	11:42	0.3	19	7.7	180
1989	1	134	4	4	28	42	30.027	73	46.913	6/13/1989	11:32	0.3	19	7.9	178
1989	1	135	4	4	25	42	31.16	73	46.06	6/13/1989	11:22	0.3	18.3	8.1	183
1989	1	138	4	4	21	42	33.51	73	45.33	6/13/1989	11:10	0.3	18.9	8.1	170
1989	1	139	4	4	19	42	34.03	73	45.26	6/13/1989	10:58	0.3	19.2	8.3	159
1989	1	140	4	4	12					6/13/1989	10:32	0.3	19.1	8.6	170
1989	1	146	6	4	4	42	39.51	73	44.09	6/13/1989	9:40	0.3	18.9	8.6	181
1989	2	18	4	4	260	40	56.889	73	55.1	6/28/1989	14:20	0.3	23.2	7.4	6099
1989	2	19	6	4	259	40	57.735	73	53.561	6/28/1989	13:55	0.3	22.3	7.4	4318
1989	2	23	6	4	255	41	0.74	73	52.83	6/28/1989	13:40	0.3	23.1	7.9	1968

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1989	2	27	4	4	245	41	4.19	73	55.21	6/28/1989	13:24	0.3	24.9	9	699
1989	2	27	4	4	272	41	4.49	73	55.14	6/28/1989	13:10	0.3	24.7	9.3	621
1989	2	28	6	4	243	41	5.683	73	52.214	6/28/1989	12:19	0.3	24.4	7.8	605
1989	2	30	4	2	241	41	7.14	73	54.77	6/28/1989	10:25	0.3	25.2	9.2	447
1989	2	31	4	2	285	41	3.607	73	55.196	6/28/1989	10:10	0.3	24.1	7.7	292
1989	2	32	4	2	239	41	8.81	73	54.6	6/28/1989	9:42	0.3	23.1	8.7	264
1989	2	32	4	2	240	41	8.48	73	54.42	6/28/1989	9:55	0.3	23.3	8.3	282
1989	2	32	6	2	237	41	9.274	73	52.181	6/28/1989	11:38	0.3	24.8	10.8	332
1989	2	32	6	4	238	41	8.85	73	52.123	6/28/1989	11:55	0.3	24.9	10.5	304
1989	2	32	6	2	269	41	9.445	73	52.243	6/28/1989	11:15	0.3	25.3	10.6	282
1989	2	33	6	2	236	41	9.79	73	52.202	6/28/1989	10:55	0.3	25.7	10.4	292
1989	2	36	4	2	281	41	11.13	73	57.16	6/28/1989	9:19	0.3	23.4	8.4	240
1989	2	36	4	2	282	41	11.2	73	57.17	6/28/1989	9:06	0.3	23.4	7.9	238
1989	2	37	4	2	225	41	12.096	73	57.458	6/28/1989	8:53	0.3	23.4	8.4	242
1989	2	38	4	2	221	41	13.43	73	57.79	6/28/1989	7:45	0.3	22.8	8.4	238
1989	2	38	4	2	222	41	12.979	73	57.867	6/28/1989	8:05	0.3	23.4	8.6	239
1989	2	38	4	2	279	41	13.36	73	57.82	6/28/1989	8:20	0.3	23.5	8.5	238
1989	2	38	4	2	280	41	13.4	73	57.81	6/28/1989	7:57	0.3	23.2	8.4	237
1989	2	40	6	2	211	41	14.88	73	57.6	6/28/1989	7:30	0.3	22.8	8.2	231
1989	2	42	4	4	206	41	16.412	73	58.1	6/28/1989	7:10	0.3	22.9	7.9	232
1989	2	43	6	2	204	41	16.693	73	56.484	6/28/1989	6:38	0.3	22.5	8.4	229
1989	2	49	4	2	196	41	21.16	73	57.74	6/29/1989	6:09	0.3	22.9	8.1	225
1989	2	51	6	2	195	41	22.87	73	50.61	6/29/1989	6:21	0.3	22.7	7.8	216
1989	2	52	6	2	193	41	24.12	73	57.31	6/29/1989	6:29	0.3	22.9	8	218
1989	2	58	4	2	183	41	28.02	74	0.87	6/29/1989	6:58	0.3	23.1	8	208
1989	2	59	6	2	181	41	29.04	73	59.33	6/29/1989	7:12	0.3	23.2	8	207
1989	2	60	6	2	177	41	29.52	73	59.24	6/29/1989	7:25	0.3	23.2	8.8	205
1989	2	62	6	4	170	41	31.8	73	58.98	6/29/1989	16:39	0.3	24.8	8.2	210
1989	2	63	6	4	168	41	32.3	73	58.633	6/29/1989	16:14	0.3	25.1	7.8	208
1989	2	64	6	4	165	41	32.66	73	58.52	6/29/1989	16:04	0.3	24.5	8.6	205
1989	2	66	6	4	161	41	34.88	73	56.84	6/29/1989	15:53	0.3	24.2	8.4	203
1989	2	67	4	4	160	41	34.777	73	57.753	6/29/1989	15:41	0.3	24.1	8.2	208
1989	2	69	6	4	157	41	36.97	73	56.85	6/29/1989	15:30	0.3	24	8	207
1989	2	72	4	2	151	41	40.04	73	57.11	6/29/1989	9:45	0.3	22.5	8.2	220
1989	2	73	6	2	150	41	40.28	73	56.49	6/29/1989	10:09	0.3	22.4	7.7	217
1989	2	81	5	4	135	41	47.474	73	57.457	6/29/1989	13:30	0.3	24.1	8.1	203
1989	2	82	4	4	134	41	48.51	73	57.22	6/29/1989	13:20	0.3	24.2	8.3	206
1989	2	83	4	4	131	41	49.33	73	57.31	6/29/1989	12:55	0.3	24	8.3	209
1989	2	83	4	4	133	41	48.74	73	57.19	6/29/1989	13:10	0.3	24	8	207
1989	2	84	4	4	129	41	50.61	73	57.28	6/29/1989	12:34	0.3	24.1	8.6	207
1989	2	84	6	4	130	41	50.19	73	56.63	6/29/1989	12:45	0.3	24	8.1	208
1989	2	85	4	4	128					6/29/1989	12:22	0.3	23.4	9.1	209
1989	2	85	6	2	127	41	51.18	73	56.5	6/29/1989	12:12	0.3	24.5	8.1	210

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1989	2	87	4	2	123	41	52.616	73	57.292	6/29/1989	11:56	0.3	24.5	8.4	202
1989	2	88	6	2	122	41	53.023	73	56.214	6/29/1989	11:45	0.3	24.4	8.3	203
1989	2	89	6	2	121	41	53.84	73	57.04	6/29/1989	11:33	0.3	24	8.2	208
1989	2	90	6	2	120	41	54.02	73	57.2	6/29/1989	11:23	0.3	23.9	8.1	204
1989	2	91	6	2	119	41	55.847	73	56.774	6/29/1989	11:10	0.3	23.9	8	203
1989	2	92	4	4	118	41	56.32	73	58.1	6/27/1989	15:50	0.3	24.8	8.4	199
1989	2	93	4	4	116	41	57.05	73	57.77	6/27/1989	14:58	0.3	24.7	8.2	190
1989	2	93	4	4	117	41	57.036	73	56.721	6/27/1989	15:23	0.3	24.8	8.3	191
1989	2	96	4	4	105	42	0.22	73	56.65	6/27/1989	13:24	0.3	24.8	8.4	190
1989	2	96	4	4	108	41	59.76	73	56.81	6/27/1989	14:32	0.3	24.8	8.5	189
1989	2	96	4	4	110	41	59.4	73	56.94	6/27/1989	14:44	0.3	24.7	8.4	192
1989	2	96	6	4	106	42	59.99	73	55.94	6/27/1989	13:51	0.3	24.7	8	190
1989	2	96	6	4	107	41	59.89	73	55.93	6/27/1989	14:04	0.3	25	8	189
1989	2	96	6	4	109	41	59.43	73	56.012	6/27/1989	14:16	0.3	25.1	7.9	190
1989	2	97	4	4	102	42	0.83	73	56.38	6/27/1989	13:02	0.3	25	8.6	191
1989	2	97	4	4	103	42	0.5	73	56.51	6/27/1989	13:12	0.3	24.9	8.8	193
1989	2	97	6	4	104	42	0.26	73	55.792	6/27/1989	13:40	0.3	24.8	8.1	193
1989	2	98	4	4	100	42	1.67	73	56.54	6/27/1989	12:41	0.3	25.1	8.9	198
1989	2	98	4	4	101	42	1.426	73	56.456	6/27/1989	12:53	0.3	24.6	9	191
1989	2	99	6	4	99	42	2.02	73	55.73	6/27/1989	12:20	0.3	25.1	9.6	201
1989	2	105	4	4	97	42	7.68	73	55.13	7/1/1989	6:34	0.3	22.1	7.2	201
1989	2	105	4	4	98	42	7.33	73	55.3	7/1/1989	6:25	0.3	22.3	7.4	200
1989	2	106	4	4	96	42	8.147	73	54.796	7/1/1989	6:45	0.3	22.2	7.5	198
1989	2	110	6	4	91	42	10.9	73	51.53	7/1/1989	7:15	0.3	21.9	8.4	207
1989	2	111	6	4	89					7/1/1989	7:34	0.3	21.9	8.3	202
1989	2	113	4	4	79	42	14.8	73	49	7/1/1989	7:45	0.3	22	8.1	203
1989	2	113	4	4	86	42	13.12	73	51.33	7/1/1989	7:55	0.3	22.4	7.5	206
1989	2	114	4	4	82	42	14.31	73	50.58	7/1/1989	8:16	0.3	22.6	7.8	201
1989	2	114	6	4	85	42	13.54	73	50.75	7/1/1989	8:06	0.3	22	7.8	205
1989	2	115	6	4	79	42	14.8	73	49	7/1/1989	8:39	0.3	22.7	7.5	204
1989	2	115	6	4	80	42	14.8	73	49.1	7/1/1989	8:27	0.3	22.5	7.4	202
1989	2	116	6	4	77	42	15.02	73	48.31	7/1/1989	8:49	0.3	22	7.6	202
1989	2	117	4	4	76	42	15.84	73	47.69	7/1/1989	8:58	0.3	22.6	7.6	201
1989	2	118	4	4	74	42	16.42	73	47.92	7/1/1989	9:25	0.3	23.1	7.6	198
1989	2	118	4	4	75	42	16.12	73	47.49	7/1/1989	9:10	0.3	23.2	7.9	200
1989	2	119	4	4	72	42	16.82	73	47.28	7/1/1989	9:35	0.3	24	7.3	192
1989	2	119	6	4	69	42	17.29	73	46.78	7/1/1989	10:10	0.3	23.1	7.5	196
1989	2	119	6	4	71	42	17.16	73	46.8	7/1/1989	9:50	0.3	23.3	7.4	198
1989	2	121	6	4	66	42	19.33	73	46.85	7/1/1989	10:38	0.3	23.7	7.5	195
1989	2	121	6	4	67	42	18.82	73	46.89	7/1/1989	10:25	0.3	23.4	7.6	196
1989	2	122	4	4	63	42	19.84	73	47.18	7/1/1989	10:50	0.3	24.5	7.3	189
1989	2	123	6	4	62	42	20.105	73	46.848	7/1/1989	11:10	0.3	24.2	7.3	190
1989	2	125	6	2	52	42	22.39	73	47.45	7/1/1989	11:25	0.3	24.1	7	193

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1989	2	129	4	2	40	42	25.67	73	46.67	7/1/1989	11:53	0.3	24.4	8.2	192
1989	2	129	6	2	38	42	26.05	73	46.82	7/1/1989	12:07	0.3	24.4	7.5	202
1989	2	130	6	2	36					7/1/1989	12:18	0.3	24.3	7.5	192
1989	2	131	4	2	35	42	27.8	73	47.1	7/1/1989	12:30	0.3	24.1	7.8	196
1989	2	131	6	2	34					7/1/1989	12:44	0.3	24.1	7.4	196
1989	2	132	4	2	30					7/1/1989	13:30	0.3	26.1	7.4	193
1989	2	132	4	2	32	42	28.13	73	47.21	7/1/1989	13:00	0.3	26.7	7.1	195
1989	2	132	6	2	31	42	28.65	73	47.09	7/1/1989	13:15	0.3	25.8	7.1	195
1989	2	133	4	2	29	42	29.09	73	47.273	7/1/1989	13:56	0.3	25.1	7.4	193
1989	2	134	4	2	27	42	30.17	73	46.88	7/1/1989	14:24	0.3	25.1	7.6	193
1989	2	134	4	2	28	42	30.027	73	46.913	7/1/1989	14:12	0.3	25.1	7.3	196
1989	3	18	4	2	261	40	56.27	73	54.17	7/12/1989	20:07	0.3	24.1	13.1	6190
1989	3	22	6	2	256	40	59.97	73	53.05	7/12/1989	19:50	0.3	24	13.5	5592
1989	3	23	6	2	254	41	1.086	73	52.681	7/12/1989	19:41	0.3	24.1	13.5	5276
1989	3	24	6	2	252	41	2.057	73	52.505	7/12/1989	19:30	0.3	24.6	13.5	4620
1989	3	25	4	2	250	41	2.86	73	55.07	7/12/1989	18:57	0.3	24.9	13.4	2795
1989	3	26	4	2	271	41	3.77	73	55.22	7/12/1989	18:50	0.3	25	14.1	2769
1989	3	26	6	2	247	41	3.891	73	52.077	7/12/1989	19:07	0.3	24.6	13.9	3415
1989	3	26	6	2	249	41	2.67	73	52.3	7/12/1989	19:19	0.3	24.5	13.5	4327
1989	3	27	4	2	245	41	4.19	73	55.21	7/12/1989	18:36	0.3	24.8	14	2641
1989	3	27	4	2	272	41	4.49	73	55.14	7/12/1989	18:25	0.3	25	14.9	2650
1989	3	29	4	2	242	41	6.1	73	54.88	7/12/1989	18:07	0.3	24.8	14.2	2200
1989	3	30	4	2	241	41	7.14	73	54.77	7/12/1989	17:54	0.3	24.9	16.4	1936
1989	3	31	4	2	285	41	3.607	73	55.196	7/12/1989	17:39	0.3	25.1	12.9	1431
1989	3	32	4	2	239	41	8.81	73	54.6	7/12/1989	17:25	0.3	25	12.8	1514
1989	3	34	6	4	233	41	10.662	73	53.922	7/10/1989	12:56	0.3	25.4	8.9	319
1989	3	35	4	4	231	41	11.23	73	53.69	7/10/1989	13:23	0.3	25.4	8.8	304
1989	3	35	4	4	277	41	10.95	73	57.06	7/10/1989	12:11	0.3	25.3	8.6	743
1989	3	38	4	4	221	41	13.43	73	57.79	7/10/1989	10:27	0.3	25.1	8	240
1989	3	38	4	4	222	41	12.979	73	57.867	7/10/1989	11:29	0.3	25.7	9.5	280
1989	3	38	4	4	279	41	13.36	73	57.82	7/10/1989	11:10	0.3	25.1	8	298
1989	3	38	4	4	280	41	13.4	73	57.81	7/10/1989	10:47	0.3	25.1	8	256
1989	3	40	6	4	213	41	14.64	73	57.15	7/10/1989	14:10	0.3	25.4	8.3	217
1989	3	43	6	2	202	41	17.12	73	55.98	7/10/1989	14:50	0.3	25.2	8.4	238
1989	3	43	6	4	205	41	16.413	73	56.551	7/10/1989	14:27	0.3	25.1	8.1	249
1989	3	52	6	2	193	41	24.12	73	57.31	7/13/1989	12:46	0.3	23.8	8.3	245
1989	3	53	6	2	191	41	24.882	73	57.554	7/13/1989	12:25	0.3	23.8	8.4	243
1989	3	54	6	2	190	41	24.961	73	57.702	7/13/1989	12:14	0.3	23.8	8.7	243
1989	3	56	4	2	188	41	26.47	73	59.66	7/13/1989	11:59	0.3	23.8	8.8	247
1989	3	57	4	2	185	41	27.68	74	0.73	7/13/1989	11:48	0.3	24	9.1	244
1989	3	60	6	2	177	41	29.52	73	59.24	7/13/1989	11:35	0.3	24	9.6	242
1989	3	68	4	2	159	41	36.49	73	57.64	7/13/1989	11:17	0.3	23.8	8.6	238
1989	3	69	4	2	155	41	37.44	73	57.43	7/13/1989	10:49	0.3	23.6	8.9	236

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1989	3	69	6	2	156	41	37.03	73	56.88	7/13/1989	11:00	0.3	23.9	8.9	236
1989	3	71	4	2	153	41	39.06	73	57.257	7/13/1989	10:11	0.3	23.3	8.9	206
1989	3	71	4	2	154	41	38.88	73	57.23	7/13/1989	10:34	0.3	23.3	10	234
1989	3	74	6	2	149	41	41.064	73	56.289	7/12/1989	15:50	0.3	24.4	11.7	222
1989	3	76	4	1	144					7/12/1989	15:26	0.3	24.3	8.9	209
1989	3	76	4	2	146	41	42.94	73	56.87	7/12/1989	15:36	0.3	24.1	9.4	214
1989	3	81	4	4	135	41	47.474	73	57.457	7/12/1989	14:47	0.3	24.5	10.5	206
1989	3	81	6	4	136					7/12/1989	15:02	0.3	24.6	12.3	207
1989	3	83	4	4	133	41	48.74	73	57.19	7/12/1989	14:35	0.3	24.5	10.5	205
1989	3	83	6	4	132					7/12/1989	14:20	0.3	24.9	11.3	199
1989	3	84	4	4	129	41	50.61	73	57.28	7/12/1989	13:52	0.3	25	12.4	200
1989	3	84	6	4	130	41	50.19	73	56.63	7/12/1989	14:09	0.3	25	11.4	205
1989	3	85	4	4	128					7/12/1989	13:39	0.3	24.5	12	203
1989	3	85	6	4	127	41	51.18	73	56.5	7/12/1989	13:31	0.3	24.6	10.9	202
1989	3	87	4	4	123	41	52.616	73	57.292	7/12/1989	13:10	0.3	25.1	12	202
1989	3	88	6	4	122	41	53.023	73	56.214	7/12/1989	12:58	0.3	24.4	10.2	202
1989	3	89	6	4	121	41	53.84	73	57.04	7/12/1989	12:49	0.3	24.3	10.3	203
1989	3	90	6	4	120	41	54.02	73	57.2	7/12/1989	12:32	0.3	24.7	10.9	200
1989	3	91	6	4	119	41	55.847	73	56.774	7/12/1989	12:17	0.3	24.9	11.3	201
1989	3	92	4	4	118	41	56.32	73	58.1	7/12/1989	7:18	0.3	23	8.9	217
1989	3	93	4	4	116	41	57.05	73	57.77	7/12/1989	7:35	0.3	23.6	8.8	204
1989	3	93	6	4	117	41	57.036	73	56.721	7/12/1989	11:56	0.3	24.7	10.3	200
1989	3	94	4	4	113	41	58.38	73	57.25	7/12/1989	8:12	0.3	23.8	9.2	204
1989	3	94	4	4	115	41	57.78	73	57.47	7/12/1989	7:55	0.3	23.2	8.8	204
1989	3	94	6	4	114	41	58.085	73	56.467	7/12/1989	11:37	0.3	24.9	11.4	201
1989	3	95	4	4	111	41	59.083	73	57.079	7/12/1989	8:27	0.3	23.9	9.4	206
1989	3	96	4	4	105	42	0.22	73	56.65	7/12/1989	9:15	0.3	24.1	9.2	209
1989	3	96	4	4	108	41	59.76	73	56.81	7/12/1989	9:00	0.3	23.9	9.2	206
1989	3	96	4	4	110	41	59.4	73	56.94	7/12/1989	8:45	0.3	23.9	9.2	208
1989	3	96	6	4	106	42	59.99	73	55.94	7/12/1989	10:36	0.3	24.1	10.2	204
1989	3	96	6	4	107	41	59.89	73	55.93	7/12/1989	10:55	0.3	23.8	10.3	206
1989	3	96	6	4	109	41	59.43	73	56.012	7/12/1989	11:12	0.3	24	9.4	206
1989	3	97	4	4	102	42	0.83	73	56.38	7/12/1989	9:38	0.3	24.1	9.3	208
1989	3	97	4	4	103	42	0.5	73	56.51	7/12/1989	9:28	0.3	24	9.6	206
1989	3	97	6	4	104	42	0.26	73	55.792	7/12/1989	10:23	0.3	23.8	9.6	209
1989	3	98	4	4	100	42	1.67	73	56.54	7/12/1989	10:07	0.3	24.3	10	211
1989	3	98	4	4	101	42	1.426	73	56.456	7/12/1989	9:56	0.3	24.1	9.3	209
1989	3	110	6	4	90	42	11.04	73	51.38	7/11/1989	18:07	0.3	25.4	9.1	228
1989	3	112	4	4	88	42	12.69	73	51.26	7/11/1989	17:45	0.3	25.5	9.3	227
1989	3	113	4	4	86	42	13.12	73	51.33	7/11/1989	17:20	0.3	25.2	8.5	243
1989	3	114	4	4	81	42	14.39	73	50.549	7/11/1989	16:24	0.3	25.5	8.3	239
1989	3	114	4	4	83	42	14.26	73	50.71	7/11/1989	16:37	0.3	25.2	8.3	237
1989	3	114	6	4	84	42	14.02	73	50.18	7/11/1989	16:50	0.3	25.2	9.5	249

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1989	3	114	6	4	85	42	13.54	73	50.75	7/11/1989	17:04	0.3	25.3	8.3	243
1989	3	115	6	4	80	42	14.8	73	49.1	7/11/1989	16:10	0.3	25.2	8.5	239
1989	3	116	6	4	77	42	15.02	73	48.31	7/11/1989	15:58	0.3	25	8.1	239
1989	3	118	4	4	73	42	16.76	73	47.67	7/11/1989	15:16	0.3	25.3	9.1	242
1989	3	118	4	4	74	42	16.42	73	47.92	7/11/1989	15:32	0.3	25.1	8.4	235
1989	3	118	4	4	75	42	16.12	73	47.49	7/11/1989	15:45	0.3	25.8	8.6	240
1989	3	119	6	4	71	42	17.16	73	46.8	7/11/1989	15:04	0.3	26.9	8.2	229
1989	3	121	4	4	65	42	19.307	73	47.217	7/11/1989	14:38	0.3	25.3	9.2	234
1989	3	121	4	4	67	42	18.82	73	46.89	7/11/1989	14:50	0.3	26.1	9	230
1989	3	122	6	4	62	42	20.105	73	46.848	7/11/1989	14:00	0.3	26.2	8.9	244
1989	3	122	6	4	64	42	19.9	73	46.8	7/11/1989	14:16	0.3	26	9.7	247
1989	3	123	4	4	59					7/11/1989	13:22	0.3	25.5	8.4	236
1989	3	123	4	4	60	42	20.64	73	47.39	7/11/1989	13:40	0.3	26.1	9.3	246
1989	3	129	4	4	40	42	25.67	73	46.67	7/11/1989	12:58	0.3	25.1	9.1	230
1989	3	129	6	4	38	42	26.05	73	46.82	7/11/1989	12:45	0.3	24.4	8.5	237
1989	3	132	4	4	30					7/11/1989	12:27	0.3	25.1	8.4	244
1989	3	134	4	4	29	42	29.09	73	47.273	7/11/1989	12:08	0.3	24.3	9.3	242
1989	3	135	4	4	26	42	30.91	73	46.27	7/11/1989	11:55	0.3	24.3	8.4	198
1989	3	138	4	4	21	42	33.51	73	45.33	7/11/1989	11:41	0.3	24.5	9	239
1989	3	139	4	4	15	42	34.32	73	45.25	7/11/1989	10:49	0.3	24.4	8.5	237
1989	3	139	4	4	19	42	34.03	73	45.26	7/11/1989	11:21	0.3	24	7.8	194
1989	3	139	6	4	14	42	34.34	73	45.02	7/11/1989	10:25	0.3	24.5	8.7	237
1989	3	140	4	4	13	42	34.59	73	45.25	7/11/1989	10:11	0.3	23.9	7.8	232
1989	3	140	6	4	11					7/11/1989	9:47	0.3	23.8	8.3	220
1989	3	149	6	4	2	42	42	73	42.07	7/11/1989	9:09	0.3	23.9	9.7	250
1989	4	13	4	3	267					7/24/1989	14:43	0.3	24.8	4.8	19804
1989	4	15	4	3	263	40	54.252	73	55.961	7/24/1989	14:28	0.3	24.5	5	18115
1989	4	16	4	3	262	40	54.9	73	55.7	7/24/1989	14:13	0.3	24	5	15455
1989	4	20	6	3	258	40	57.73	73	53.661	7/24/1989	15:14	0.3	24.5	5.8	14089
1989	4	23	6	4	254	41	1.086	73	52.681	7/24/1989	15:31	0.3	25	6.2	12949
1989	4	24	6	4	252	41	2.057	73	52.505	7/24/1989	15:46	0.3	25	5.9	12451
1989	4	25	4	2	250	41	2.86	73	55.07	7/24/1989	13:21	0.3	28.5	9.6	11595
1989	4	25	4	2	270	41	2.783	73	55.05	7/24/1989	13:36	0.3	28	8.2	11713
1989	4	25	6	4	251	41	2.46	73	52.42	7/24/1989	15:59	0.3	25	6.3	11953
1989	4	26	4	2	246	41	3.6	73	55.2	7/24/1989	12:53	0.3	26.5	7.3	11689
1989	4	26	4	2	271	41	3.77	73	55.22	7/24/1989	12:41	0.3	27	7.9	11475
1989	4	26	4	2	283	41	8.34	73	54.4	7/24/1989	13:06	0.3	27	8.6	11666
1989	4	26	6	4	247	41	3.891	73	52.077	7/24/1989	16:36	0.3	25.5	6.6	11733
1989	4	26	6	4	248	41	3.273	73	52.221	7/24/1989	16:23	0.3	25.2	6.5	11904
1989	4	26	6	4	249	41	2.67	73	52.3	7/24/1989	16:14	0.3	25	6	11953
1989	4	27	4	2	245	41	4.19	73	55.21	7/24/1989	12:28	0.3	27.5	8.2	11359
1989	4	28	6	4	243	41	5.683	73	52.214	7/27/1989	10:08	0.3	26	6.5	10247
1989	4	28	6	1	244	41	5.33	73	52.33	7/27/1989	10:26	0.3	26	7.5	9808

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1989	4	29	4	2	242	41	6.1	73	54.88	7/24/1989	12:09	0.3	27	8.2	10328
1989	4	29	4	1	242	41	6.1	73	54.88	7/27/1989	10:42	0.3	27.2	9.4	10476
1989	4	30	4	2	241	41	7.14	73	54.77	7/24/1989	11:54	0.3	28	10.4	9558
1989	4	30	4	1	241	41	7.14	73	54.77	7/27/1989	10:58	0.3	27.2	9.2	10286
1989	4	31	4	2	285	41	3.607	73	55.196	7/24/1989	11:37	0.3	27.5	7.7	8519
1989	4	32	4	4	239	41	8.81	73	54.6	7/24/1989	11:03	0.3	27.2	7.8	8571
1989	4	32	4	4	240	41	8.48	73	54.42	7/24/1989	11:20	0.3	27.2	7.8	9048
1989	4	32	6	4	237	41	9.274	73	52.181	7/27/1989	9:35	0.3	27	8.2	9371
1989	4	32	6	4	238	41	8.85	73	52.123	7/27/1989	9:50	0.3	26.5	7.2	8984
1989	4	32	6	4	269	41	9.445	73	52.243	7/27/1989	9:24	0.3	26.8	6.8	9410
1989	4	33	6	4	236	41	9.79	73	52.202	7/27/1989	9:07	0.3	27	6.7	9371
1989	4	34	6	4	234	41	10.19	73	53.93	7/27/1989	8:33	0.3	27	8.9	8893
1989	4	34	6	4	235	41	10.632	73	52.59	7/27/1989	8:50	0.3	28	6	9277
1989	4	35	6	4	232	41	11.172	73	53.996	7/27/1989	8:14	0.3	27	10.2	8224
1989	4	35	6	4	275	41	11.31	73	53.54	7/27/1989	8:04	0.3	26.8	10.2	7873
1989	4	36	4	2	226	41	11.8	73	57.5	7/26/1989	18:33	0.3	29	8.8	6611
1989	4	36	4	2	281	41	11.13	73	57.16	7/26/1989	18:17	0.3	29	10.8	6611
1989	4	36	4	2	282	41	11.2	73	57.17	7/26/1989	18:07	0.3	29.5	12.2	6817
1989	4	36	6	4	228	41	12.25	73	53.5	7/27/1989	7:36	0.3	27	8.8	7841
1989	4	36	6	4	276	41	12.17	73	53.51	7/27/1989	7:53	0.3	26.5	9.5	7922
1989	4	37	4	2	225	41	12.096	73	57.458	7/26/1989	17:53	0.3	28.5	8.6	6493
1989	4	38	4	2	221	41	13.43	73	57.79	7/26/1989	17:11	0.3	29	10.4	6336
1989	4	38	4	2	222	41	12.979	73	57.867	7/26/1989	17:28	0.3	29	9.4	6244
1989	4	38	4	2	278	41	12.96	73	57.828	7/26/1989	17:39	0.3	27.5	9	6153
1989	4	38	4	2	280	41	13.4	73	57.81	7/26/1989	17:18	0.3	29	10.6	6382
1989	4	40	6	2	210	41	14.87	73	57.74	7/26/1989	16:27	0.3	28	7.3	5622
1989	4	40	6	2	213	41	14.64	73	57.15	7/26/1989	16:43	0.3	29	9.3	5968
1989	4	42	6	2	207	41	15.3	73	57.8	7/26/1989	16:12	0.3	28	6.3	3561
1989	4	46	4	2	198	41	19.7	73	59	7/26/1989	15:40	0.3	25	5.9	1644
1989	4	46	6	2	199	41	19.42	73	58.77	7/26/1989	15:56	0.3	25.5	6	1854
1989	4	49	4	2	196	41	21.16	73	57.74	7/26/1989	15:24	0.3	26	6.8	1171
1989	4	51	6	2	195	41	22.87	73	50.61	7/26/1989	15:03	0.3	31	8.4	1411
1989	4	52	6	2	193	41	24.12	73	57.31	7/26/1989	14:28	0.3	25.5	7.8	828
1989	4	52	6	2	194	41	24.12	73	56.81	7/26/1989	14:42	0.3	27.2	6.1	1143
1989	4	54	6	2	190	41	24.961	73	57.702	7/26/1989	14:09	0.3	26	7.2	703
1989	4	56	4	1	188	41	26.47	73	59.66	7/26/1989	13:52	0.3	27.8	8	489
1989	4	57	4	4	185	41	27.68	74	0.73	7/26/1989	13:20	0.3	30.5	8.9	534
1989	4	58	4	4	183	41	28.02	74	0.87	7/26/1989	12:41	0.3	29	8.4	321
1989	4	58	4	4	184	41	27.78	74	0.7	7/26/1989	13:02	0.3	29	8.6	326
1989	4	59	6	4	178	41	29.25	73	59.32	7/26/1989	12:18	0.3	27	6.7	423
1989	4	60	6	4	177	41	29.52	73	59.24	7/26/1989	12:04	0.3	27	5.9	402
1989	4	64	4	4	163	41	33.48	73	59.05	7/26/1989	11:31	0.3	25.2	7.1	226
1989	4	71	4	4	153	41	39.06	73	57.257	7/26/1989	10:35	0.3	25	7.1	221

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1989	4	71	4	4	154	41	38.88	73	57.23	7/26/1989	10:50	0.3	25.2	6.6	219
1989	4	74	6	4	149	41	41.064	73	56.289	7/26/1989	10:12	0.3	25	6.8	227
1989	4	76	4	3	146	41	42.94	73	56.87	7/26/1989	9:55	0.3	26.5		214
1989	4	78	6	2	138	41	45.18	73	56.22	7/26/1989	9:28	0.3	24.2	6.2	228
1989	4	82	4	2	134	41	48.51	73	57.22	7/26/1989	9:04	0.3	24.5	6.7	231
1989	4	83	4	2	133	41	48.74	73	57.19	7/26/1989	8:46	0.3	24.5	6.8	233
1989	4	84	4	2	129	41	50.61	73	57.28	7/26/1989	8:31	0.3	24.2	7.2	238
1989	4	85	6	2	127	41	51.18	73	56.5	7/26/1989	8:17	0.3	24	7.2	224
1989	4	89	6	2	121	41	53.84	73	57.04	7/25/1989	17:50	0.3	25.2	8	230
1989	4	90	6	2	120	41	54.02	73	57.2	7/25/1989	17:27	0.3	26	7.5	226
1989	4	91	6	2	119	41	55.847	73	56.774	7/25/1989	17:08	0.3	26.5	9	232
1989	4	93	4	2	116	41	57.05	73	57.77	7/25/1989	16:45	0.3	27.2	11	233
1989	4	93	6	2	117	41	57.036	73	56.721	7/25/1989	16:27	0.3	28	9	234
1989	4	95	4	2	111	41	59.083	73	57.079	7/25/1989	15:15	0.3	25.5	9.2	232
1989	4	95	6	2	112	41	58.238	73	56.123	7/25/1989	16:12	0.3	26	8.7	232
1989	4	96	4	1	105	42	0.22	73	56.65	7/25/1989	14:31	0.3	27	10.3	234
1989	4	96	4	1	108	41	59.76	73	56.81	7/25/1989	14:44	0.3	26.2	8.6	233
1989	4	96	4	1	110	41	59.4	73	56.94	7/25/1989	14:59	0.3	27	10.3	230
1989	4	96	6	2	106	42	59.99	73	55.94	7/25/1989	15:36	0.3	25.5	8.3	237
1989	4	96	6	2	109	41	59.43	73	56.012	7/25/1989	15:53	0.3	30	12.1	227
1989	4	98	4	4	100	42	1.67	73	56.54	7/25/1989	13:50	0.3	26	8.5	232
1989	4	98	4	4	101	42	1.426	73	56.456	7/25/1989	14:12	0.3	25.5	9.3	233
1989	4	109	6	4	92	42	10.27	73	52.32	7/25/1989	13:13	0.3	26.2	11.5	228
1989	4	114	4	4	82	42	14.31	73	50.58	7/25/1989	12:33	0.3	26	9.9	224
1989	4	114	6	4	85	42	13.54	73	50.75	7/25/1989	12:49	0.3	25.5	9.4	225
1989	4	115	6	4	79	42	14.8	73	49	7/25/1989	12:06	0.3	25.3	8	229
1989	4	117	4	4	76	42	15.84	73	47.69	7/25/1989	11:51	0.3	26	9.6	234
1989	4	119	4	4	72	42	16.82	73	47.28	7/25/1989	11:38	0.3	24.8	7.3	220
1989	4	119	6	4	69	42	17.29	73	46.78	7/25/1989	11:19	0.3	24.8	8.9	238
1989	4	122	4	4	61	42	20.29	73	47.24	7/25/1989	10:37	0.3	25	7.9	239
1989	4	122	4	4	63	42	19.84	73	47.18	7/25/1989	10:49	0.3	25.2	8.3	240
1989	4	122	6	4	62	42	20.105	73	46.848	7/25/1989	11:03	0.3	25	7.8	237
1989	4	127	4	2	49	42	23.4	73	47.52	7/25/1989	10:19	0.3	25.2	7.4	249
1989	4	128	4	2	46	42	24.35	73	47.08	7/25/1989	10:07	0.3	24.8	6.7	250
1989	4	129	6	2	39	42	25.879	73	46.76	7/25/1989	9:35	0.3	24.4	6.6	254
1989	4	129	6	2	40	42	25.67	73	46.67	7/25/1989	9:50	0.3	25	6.7	253
1989	4	130	4	2	37	42	26.76	73	47.22	7/25/1989	9:20	0.3	24.5	6.5	252
1989	4	133	4	2	29	42	29.09	73	47.273	7/25/1989	9:05	0.3	24.4	6.5	247
1989	4	135	4	2	25	42	31.16	73	46.06	7/25/1989	8:46	0.3	24.5	6.6	231
1989	5	15	4	4	263	40	54.252	73	55.961	8/8/1989	14:04	0.3	25.6	8	18006
1989	5	18	4	4	260	40	56.889	73	55.1	8/8/1989	13:47	0.3	25.3	8.6	15840
1989	5	20	6	4	258	40	57.73	73	53.661	8/8/1989	13:30	0.3	25.9	8.9	14669
1989	5	22	6	4	256	40	59.97	73	53.05	8/8/1989	13:10	0.3	25.4	8.3	11856

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1989	5	23	6	4	255	41	0.74	73	52.83	8/8/1989	12:56	0.3	26.4	7.9	9680
1989	5	24	6	4	252	41	2.057	73	52.505	8/8/1989	12:42	0.3	26	8.9	10052
1989	5	25	4	2	250	41	2.86	73	55.07	8/7/1989	14:24	0.3	26.2	10	9720
1989	5	25	6	4	251	41	2.46	73	52.42	8/8/1989	12:21	0.3	25.1	7	9941
1989	5	26	4	2	283	41	8.34	73	54.4	8/8/1989	14:29	0.3	25	11.2	11156
1989	5	26	6	2	247	41	3.891	73	52.077	8/7/1989	14:42	0.3	26	9.6	9759
1989	5	26	6	4	248	41	3.273	73	52.221	8/8/1989	11:36	0.3	25.2	7.8	10020
1989	5	26	6	4	249	41	2.67	73	52.3	8/8/1989	12:04	0.3	25	7.7	9961
1989	5	27	4	2	272	41	4.49	73	55.14	8/7/1989	14:04	0.3	26.2	9.8	9720
1989	5	27	4	2	245	41	4.19	73	55.21	8/8/1989	14:46	0.3	25	10.9	10758
1989	5	27	4	2	272	41	4.49	73	55.14	8/8/1989	15:01	0.3	25.3	9.4	9702
1989	5	28	6	2	243	41	5.683	73	52.214	8/7/1989	15:17	0.3	25.8	9.2	8819
1989	5	28	6	2	244	41	5.33	73	52.33	8/7/1989	14:58	0.3	25.8	8.8	9309
1989	5	28	6	2	243	41	5.683	73	52.214	8/8/1989	15:19	0.3	25.8	10	9505
1989	5	29	4	4	242	41	6.1	73	54.88	8/7/1989	13:32	0.3	26.2	9.6	8067
1989	5	30	4	4	241	41	7.14	73	54.77	8/7/1989	13:05	0.3	26.2	11	7873
1989	5	31	4	4	285	41	3.607	73	55.196	8/7/1989	12:43	0.3	27.2	9.6	6952
1989	5	31	4	2	285	41	3.607	73	55.196	8/8/1989	15:37	0.3	26.3	10.5	9021
1989	5	32	4	4	239	41	8.81	73	54.6	8/7/1989	11:57	0.3	26.9	9.8	5749
1989	5	32	4	4	240	41	8.48	73	54.42	8/7/1989	12:23	0.3	26.9	9.3	5558
1989	5	32	4	2	239	41	8.81	73	54.6	8/8/1989	15:55	0.3	25.5	8.6	8676
1989	5	32	6	4	237	41	9.274	73	52.181	8/8/1989	10:36	0.3	24.8	7.2	7302
1989	5	32	6	4	238	41	8.85	73	52.123	8/8/1989	10:58	0.3	24.9	7.3	7486
1989	5	32	6	4	269	41	9.445	73	52.243	8/8/1989	10:12	0.3	24.9	7.8	7586
1989	5	33	6	4	236	41	9.79	73	52.202	8/8/1989	9:34	0.3	24	8.3	7423
1989	5	34	6	4	233	41	10.662	73	53.922	8/9/1989	11:56	0.3	25.4	15	6027
1989	5	35	4	4	229	41	10.59	73	56.41	8/9/1989	11:39	0.3	26.1	7	4860
1989	5	35	6	4	231	41	11.23	73	53.69	8/9/1989	12:43	0.3	25.3	12.9	5841
1989	5	35	6	4	232	41	11.172	73	53.996	8/9/1989	12:15	0.3	26.2	12	5929
1989	5	35	6	4	274	41	11.17	73	53.71	8/9/1989	12:29	0.3	26.1	10.3	5844
1989	5	36	4	4	226	41	11.8	73	57.5	8/9/1989	10:43	0.3	25.9	7.4	4987
1989	5	36	4	4	227	41	11.02	73	57.41	8/9/1989	11:20	0.3	26.3	12	5044
1989	5	36	4	4	282	41	11.2	73	57.17	8/9/1989	11:10	0.3	25.4	13.9	4930
1989	5	38	4	4	221	41	13.43	73	57.79	8/9/1989	8:30	0.3	25	7	4194
1989	5	38	4	4	222	41	12.979	73	57.867	8/9/1989	9:14	0.3	25.4	6.9	4308
1989	5	38	4	4	223	41	12.89	73	57.806	8/9/1989	10:05	0.3	25.3	8	4287
1989	5	38	4	4	278	41	12.96	73	57.828	8/9/1989	9:48	0.3	25.3	11.6	4277
1989	5	38	4	4	279	41	13.36	73	57.82	8/9/1989	9:30	0.3	25.3	8.4	4267
1989	5	38	4	4	280	41	13.4	73	57.81	8/9/1989	8:59	0.3	25.3	7	4297
1989	5	39	4	4	216	41	13.48	73	57.84	8/9/1989	13:09	0.3	26.6	7.2	3866
1989	5	40	4	2	214	41	14.31	73	58.5	8/9/1989	13:22	0.3	26.4	8.5	4656
1989	5	40	6	2	212					8/9/1989	13:38	0.3	27	8.5	4877
1989	5	42	4	2	206	41	16.412	73	58.1	8/9/1989	13:52	0.3	27	11.9	3337

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1989	5	43	6	2	203	41	16.91	73	56.26	8/9/1989	14:03	0.3	27	11.2	2486
1989	5	49	4	2	196	41	21.16	73	57.74	8/9/1989	18:04	0.3	26.2	6	1361
1989	5	51	6	2	195	41	22.87	73	50.61	8/9/1989	17:41	0.3	26.5	7.4	638
1989	5	52	6	2	193	41	24.12	73	57.31	8/9/1989	17:03	0.3	26.2	5.9	583
1989	5	52	6	2	194	41	24.12	73	56.81	8/9/1989	17:23	0.3	26.8	6.9	557
1989	5	55	6	2	189	41	25.66	73	58.14	8/9/1989	16:47	0.3	26.2	6.6	321
1989	5	56	4	2	188	41	26.47	73	59.66	8/9/1989	16:30	0.3	26.5	7.3	266
1989	5	57	4	2	185	41	27.68	74	0.73	8/9/1989	16:16	0.3	27.2	8.6	273
1989	5	58	4	2	184	41	27.78	74	0.7	8/9/1989	16:05	0.3	27.2	8.4	269
1989	5	59	6	2	179	41	29.24	73	59.34	8/9/1989	15:32	0.3	27	7.8	286
1989	5	59	6	2	180	41	29.08	73	59.37	8/9/1989	15:48	0.3	27.2	7.8	278
1989	5	60	6	2	177	41	29.52	73	59.24	8/9/1989	15:17	0.3	27	7.8	268
1989	5	69	4	2	155	41	37.44	73	57.43	8/9/1989	14:18	0.3	26.2	6.9	233
1989	5	69	6	2	157	41	36.97	73	56.85	8/9/1989	14:38	0.3	25.8	6.9	239
1989	5	69	6	2	158	41	36.94	73	56.81	8/9/1989	14:47	0.3	26	6.4	236
1989	5	71	4	2	153	41	39.06	73	57.257	8/9/1989	14:01	0.3	26.7	7.2	192
1989	5	74	6	2	148	41	41.15	73	56.31	8/9/1989	13:29	0.3	27	9.2	253
1989	5	77	6	2	140	41	44.56	73	56.17	8/9/1989	12:31	0.3	26	7.5	236
1989	5	77	6	2	143	41	43.83	73	56.16	8/9/1989	13:00	0.3	27.1	7.8	239
1989	5	78	4	1	139	41	44.786	73	56.758	8/9/1989	12:10	0.3	27.5	9.4	235
1989	5	82	4	1	134	41	48.51	73	57.22	8/9/1989	11:38	0.3	27	9.3	249
1989	5	83	4	4	131	41	49.33	73	57.31	8/9/1989	11:11	0.3	26.3	8.5	233
1989	5	89	6	4	121	41	53.84	73	57.04	8/9/1989	10:30	0.3	25.4	8.3	239
1989	5	90	6	4	120	41	54.02	73	57.2	8/9/1989	10:22	0.3	25.8	8.3	235
1989	5	92	4	4	118	41	56.32	73	58.1	8/9/1989	8:42	0.3	24	8	239
1989	5	93	4	4	116	41	57.05	73	57.77	8/9/1989	9:09	0.3	25.2	8.4	240
1989	5	93	6	4	117	41	57.036	73	56.721	8/9/1989	9:44	0.3	26.2	7.6	233
1989	5	95	4	2	111	41	59.083	73	57.079	8/8/1989	17:53	0.3	26.2	9.6	230
1989	5	95	6	2	112	41	58.238	73	56.123	8/8/1989	18:04	0.3	26.2	8.9	225
1989	5	96	4	2	105	42	0.22	73	56.65	8/8/1989	17:09	0.3	24.2	8.6	243
1989	5	96	4	2	108	41	59.76	73	56.81	8/8/1989	17:20	0.3	26.2	8.5	228
1989	5	96	4	2	110	41	59.4	73	56.94	8/8/1989	17:40	0.3	25.2	8.2	238
1989	5	98	4	2	101	42	1.426	73	56.456	8/8/1989	16:49	0.3	26	8.2	234
1989	5	99	6	1	99	42	2.02	73	55.73	8/8/1989	16:17	0.3	26.4	8.4	232
1989	5	105	4	4	98	42	7.33	73	55.3	8/8/1989	15:25	0.3	27	10.4	230
1989	5	106	4	1	96	42	8.147	73	54.796	8/8/1989	15:29	0.3	26.2	7.3	238
1989	5	108	6	4	94	42	9.56	73	53.18	8/8/1989	15:11	0.3	25.2	10.5	233
1989	5	109	6	4	93	42	9.91	73	52.81	8/8/1989	14:53	0.3	26	8.9	234
1989	5	114	4	4	81	42	14.39	73	50.549	8/8/1989	13:33	0.3	26.2	9.5	237
1989	5	114	4	4	82	42	14.31	73	50.58	8/8/1989	13:56	0.3	26.2	8.8	235
1989	5	114	6	4	85	42	13.54	73	50.75	8/8/1989	14:15	0.3	25.8	9.1	237
1989	5	117	4	4	76	42	15.84	73	47.69	8/8/1989	13:00	0.3	27.1	9.8	224
1989	5	121	4	4	65	42	19.307	73	47.217	8/8/1989	11:50	0.3	26.2	8.3	219

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1989	5	121	6	4	67	42	18.82	73	46.89	8/8/1989	12:26	0.3	26.5	8.8	217
1989	5	122	4	4	61	42	20.29	73	47.24	8/8/1989	11:35	0.3	26	7	229
1989	5	122	6	4	64	42	19.9	73	46.8	8/8/1989	12:04	0.3	26	8.3	215
1989	5	129	6	4	38	42	26.05	73	46.82	8/8/1989	11:14	0.3	26	7.1	224
1989	5	129	6	4	39	42	25.879	73	46.76	8/8/1989	11:03	0.3	26	6.9	224
1989	5	132	4	4	32	42	28.13	73	47.21	8/8/1989	10:48	0.3	26.1	7	234
1989	5	133	4	4	29	42	29.09	73	47.273	8/8/1989	10:24	0.3	26.2	7	243
1989	5	138	4	4	20	42	33.5	73	45.35	8/8/1989	9:59	0.3	26	6.8	259
1989	5	139	6	4	17	42	34.22	73	45.02	8/8/1989	9:30	0.3	25.4	7.2	239
1989	5	140	4	3	10					8/8/1989	9:11	0.3	26	6	226
1989	6	14	4	2	266	40	52.925	73	56.648	8/21/1989	14:42	0.3	25	4.4	20022
1989	6	15	4	2	263	40	54.252	73	55.961	8/21/1989	14:23	0.3	25.5	4.3	18142
1989	6	18	4	2	260	40	56.889	73	55.1	8/21/1989	14:05	0.3	25	5.5	15041
1989	6	20	6	2	258	40	57.73	73	53.661	8/21/1989	15:12	0.3	27	7.1	14153
1989	6	21	6	2	257	40	59.13	73	53.13	8/21/1989	15:26				
1989	6	25	4	2	250	41	2.86	73	55.07	8/21/1989	13:36	0.3	26	7.9	11906
1989	6	25	4	2	250	41	2.86	73	55.07	8/22/1989	12:55	0.3	25.8	8.3	13621
1989	6	25	6	2	251	41	2.46	73	52.42	8/21/1989	15:45	0.3	27	7.3	12718
1989	6	26	4	2	246	41	3.6	73	55.2	8/21/1989	13:05	0.3	26	7.5	11711
1989	6	26	4	2	283	41	8.34	73	54.4	8/21/1989	13:19	0.3	26	7.8	11906
1989	6	26	4	2	271	41	3.77	73	55.22	8/22/1989	13:42	0.3	25.5	8.7	13606
1989	6	26	4	2	283	41	8.34	73	54.4	8/22/1989	13:20	0.3	26	9.4	13663
1989	6	26	6	3	247	41	3.891	73	52.077	8/21/1989	15:58	0.3	27	8.4	12240
1989	6	26	6	4	248	41	3.273	73	52.221	8/22/1989	11:50	0.3	25.7	8	13256
1989	6	26	6	2	249	41	2.67	73	52.3	8/22/1989	12:11	0.3	25.7	8.3	13256
1989	6	27	4	2	245	41	4.19	73	55.21	8/21/1989	12:55	0.3	25.5	7.7	11832
1989	6	27	4	2	272	41	4.49	73	55.14	8/21/1989	12:39	0.3	25.1	7.4	11929
1989	6	27	4	2	245	41	4.19	73	55.21	8/22/1989	14:06	0.3	26	9.7	13468
1989	6	28	6	3	244	41	5.33	73	52.33	8/21/1989	16:13	0.3	27	8.8	10710
1989	6	28	6	4	243	41	5.683	73	52.214	8/22/1989	10:50	0.3	25.8	11.6	12543
1989	6	28	6	4	244	41	5.33	73	52.33	8/22/1989	11:21	0.3	25.5	8.7	11832
1989	6	29	4	4	242	41	6.1	73	54.88	8/21/1989	12:24	0.3	26	7.9	11711
1989	6	29	4	2	242	41	6.1	73	54.88	8/22/1989	14:26	0.3	26.1	10.6	12759
1989	6	30	4	4	241	41	7.14	73	54.77	8/21/1989	12:02	0.3	26	9.2	10735
1989	6	31	4	4	285	41	3.607	73	55.196	8/21/1989	11:41	0.3	26.4	6.8	10067
1989	6	32	4	4	240	41	8.48	73	54.42	8/21/1989	11:30	0.3	25.5	7.2	10353
1989	6	32	4	2	239	41	8.81	73	54.6	8/22/1989	14:54	0.3	26.1	7.8	11590
1989	6	32	6	4	237	41	9.274	73	52.181	8/22/1989	9:22	0.3	24.5	8.6	11775
1989	6	33	6	4	236	41	9.79	73	52.202	8/22/1989	10:04	0.3	25.3	10.4	11286
1989	6	34	6	2	235	41	10.632	73	52.59	8/22/1989	15:16	0.3	27.1	16.6	11356
1989	6	34	6	2	233	41	10.662	73	53.922	8/23/1989	10:30	0.3	26.8	9.6	10082
1989	6	34	6	2	234	41	10.19	73	53.93	8/23/1989	10:10	0.3	26.4	9.7	10551
1989	6	35	4	4	229	41	10.59	73	56.41	8/23/1989	9:34	0.3	26.5	6.8	9564

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1989	6	35	4	4	230	41	10.59	73	56.39	8/23/1989	9:48	0.3	26.9	8.3	9678
1989	6	35	6	2	231	41	11.23	73	53.69	8/23/1989	11:49	0.3	27.9	12.1	10328
1989	6	35	6	2	232	41	11.172	73	53.996	8/23/1989	10:47	0.3	27.2	11	10000
1989	6	35	6	2	275	41	11.31	73	53.54	8/23/1989	12:11	0.3	27.7	11.2	10182
1989	6	37	4	4	225	41	12.096	73	57.458	8/23/1989	9:10	0.3	26.9	6.4	9103
1989	6	38	4	4	221	41	13.43	73	57.79	8/23/1989	7:30	0.3	26.5	6.5	9177
1989	6	38	4	4	222	41	12.979	73	57.867	8/23/1989	8:07	0.3	25.8	6.4	8231
1989	6	38	4	4	223	41	12.89	73	57.806	8/23/1989	8:47	0.3	26.5	6.9	8694
1989	6	38	4	4	278	41	12.96	73	57.828	8/23/1989	8:29	0.3	26.8	6.7	7873
1989	6	38	4	4	280	41	13.4	73	57.81	8/23/1989	7:49	0.3	26.6	6.4	8195
1989	6	39	4	2	216	41	13.48	73	57.84	8/23/1989	12:39	0.3	28	6.7	7590
1989	6	40	4	2	209	41	14.97	73	58	8/23/1989	13:13	0.3	28.6	6.4	6850
1989	6	40	6	2	211	41	14.88	73	57.6	8/23/1989	13:02	0.3	27.5	8.7	8709
1989	6	42	6	2	203	41	16.91	73	56.26	8/23/1989	13:30	0.3	27.7	7.7	5751
1989	6	43	6	2	204	41	16.693	73	56.484	8/23/1989	14:10	0.3	27.9	8	5634
1989	6	48	4	3	197	41	20.86	73	58.08	8/23/1989	16:32	0.3	27.5	6.2	3143
1989	6	49	4	3	196	41	21.16	73	57.74	8/23/1989	16:21	0.3	27	5.6	3050
1989	6	51	6	3	195	41	22.87	73	50.61	8/23/1989	16:01	0.3	28	8.6	2436
1989	6	52	6	3	193	41	24.12	73	57.31	8/23/1989	15:46	0.3	27	5.8	2391
1989	6	55	6	3	189	41	25.66	73	58.14	8/23/1989	15:32	0.3	27	6.2	1760
1989	6	57	4	2	185	41	27.68	74	0.73	8/23/1989	15:02	0.3	28	9.2	1124
1989	6	57	4	2	186	41	27.28	74	0.8	8/23/1989	15:15	0.3	28	9.2	1124
1989	6	59	6	2	178	41	29.25	73	59.32	8/23/1989	14:28	0.3	27.8	7.7	931
1989	6	59	6	2	179	41	29.24	73	59.34	8/23/1989	14:41	0.3	28	8	881
1989	6	59	6	2	180	41	29.08	73	59.37	8/23/1989	14:47	0.3	28	8	984
1989	6	60	6	2	176	41	29.57	73	59.06	8/23/1989	14:12	0.3	27.2	7.6	952
1989	6	63	4	2	166					8/23/1989	13:27	0.3	27.5	6.7	262
1989	6	64	6	2	165	41	32.66	73	58.52	8/23/1989	13:47	0.3	28.5	8.5	492
1989	6	69	6	2	156	41	37.03	73	56.88	8/23/1989	12:59	0.3	27	6.3	237
1989	6	69	6	2	157	41	36.97	73	56.85	8/23/1989	13:06	0.3	27.5	7.2	273
1989	6	72	6	4	152	41	39.77	73	56.55	8/23/1989	12:21	0.3	27.8	7.2	237
1989	6	78	6	4	138	41	45.18	73	56.22	8/23/1989	11:48	0.3	26.1	7.1	242
1989	6	81	4	4	135	41	47.474	73	57.457	8/23/1989	11:15	0.3	26.2	7.7	244
1989	6	82	4	4	134	41	48.51	73	57.22	8/23/1989	10:51	0.3	26.7	8.6	241
1989	6	83	4	4	133	41	48.74	73	57.19	8/23/1989	10:36	0.3	26.2	7.8	243
1989	6	84	4	4	129	41	50.61	73	57.28	8/23/1989	10:10	0.3	26.5	8.7	241
1989	6	89	6	4	121	41	53.84	73	57.04	8/23/1989	9:50	0.3	25	7.4	249
1989	6	91	6	4	119	41	55.847	73	56.774	8/23/1989	9:32	0.3	24.9	7.5	248
1989	6	92	4	4	118	41	56.32	73	58.1	8/23/1989	8:03	0.3	25	7.7	251
1989	6	93	4	4	116	41	57.05	73	57.77	8/23/1989	8:25	0.3	25	8.1	244
1989	6	93	6	4	117	41	57.036	73	56.721	8/23/1989	9:09	0.3	25.1	7.7	247
1989	6	94	4	4	113	41	58.38	73	57.25	8/23/1989	8:45	0.3	25	8.2	241
1989	6	95	4	2	111	41	59.083	73	57.079	8/22/1989	17:54	0.3	26	8.2	226

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1989	6	96	4	2	108	41	59.76	73	56.81	8/22/1989	17:32	0.3	26	8.6	232
1989	6	96	4	2	110	41	59.4	73	56.94	8/22/1989	17:43	0.3	26	8.9	229
1989	6	97	4	2	103	42	0.5	73	56.51	8/22/1989	17:17	0.3	26.1	9.4	225
1989	6	98	4	2	101	42	1.426	73	56.456	8/22/1989	17:03	0.3	26.2	8.5	225
1989	6	105	4	2	97	42	7.68	73	55.13	8/22/1989	16:25	0.3	26.1	9	214
1989	6	105	4	2	98	42	7.33	73	55.3	8/22/1989	16:39	0.3	26.2	9.3	213
1989	6	106	4	2	96	42	8.147	73	54.796	8/22/1989	16:09	0.3	26.1	9.4	209
1989	6	112	4	2	88	42	12.69	73	51.26	8/22/1989	15:41	0.3	26	10.5	213
1989	6	114	4	4	81	42	14.39	73	50.549	8/22/1989	14:35	0.3	26	10.2	207
1989	6	114	4	4	82	42	14.31	73	50.58	8/22/1989	14:50	0.3	27.2	11.2	208
1989	6	114	4	2	83	42	14.26	73	50.71	8/22/1989	15:23	0.3	26.3	9.2	206
1989	6	115	6	4	80	42	14.8	73	49.1	8/22/1989	14:12	0.3	26.8	10.4	212
1989	6	118	4	4	75	42	16.12	73	47.49	8/22/1989	13:48	0.3	25	9.6	214
1989	6	119	6	4	70	42	17.317	73	47.373	8/22/1989	13:27	0.3	25.5	9	208
1989	6	121	6	4	67	42	18.82	73	46.89	8/22/1989	13:04	0.3	26	12.1	215
1989	6	124	4	4	55	42	21.64	73	47.62	8/22/1989	12:21	0.3	27	10.3	208
1989	6	124	6	4	56	42	21.49	73	47.29	8/22/1989	12:36	0.3	26.5	11.2	214
1989	6	127	4	4	46	42	24.35	73	47.08	8/22/1989	11:53	0.3	25.5	8.1	219
1989	6	129	6	4	40	42	25.67	73	46.67	8/22/1989	11:28	0.3	26	7.9	217
1989	6	134	4	4	27	42	30.17	73	46.88	8/22/1989	10:39	0.3	25	6.6	214
1989	6	135	4	4	25	42	31.16	73	46.06	8/22/1989	10:19	0.3	25.2	6.3	217
1989	6	145	6	4	5	42	39.19	73	44.41	8/22/1989	9:46	0.3	24	7.1	208
1989	6	148	6	4	3	42	41.41	73	42.584	8/22/1989	9:29	0.3	23.5	7.3	211
1989	6	149	6	4	2	42	42	73	42.07	8/22/1989	9:15	0.3	24	8	201
1989	7	18	4	2	260	40	56.889	73	55.1	9/5/1989	14:32	0.3	24	7.2	16879
1989	7	19	4	2	259	40	57.735	73	53.561	9/5/1989	14:10	0.3	23.2	6.5	17056
1989	7	22	6	4	256	40	59.97	73	53.05	9/5/1989	13:53	0.3	23.3	6.6	15680
1989	7	23	6	4	254	41	1.086	73	52.681	9/5/1989	13:22	0.3	23.3	7.1	14339
1989	7	23	6	4	255	41	0.74	73	52.83	9/5/1989	13:37	0.3	22.8	6.6	14905
1989	7	25	4	2	250	41	2.86	73	55.07	9/5/1989	12:17	0.3	22.1	9.3	12797
1989	7	25	4	2	270	41	2.783	73	55.05	9/5/1989	12:30	0.3	22	8.8	13778
1989	7	25	4	4	250	41	2.86	73	55.07	9/6/1989	11:10	0.3	21.5	7.6	12851
1989	7	25	6	2	251	41	2.46	73	52.42	9/5/1989	12:58	0.3	23.6	8	12815
1989	7	26	4	4	246	41	3.6	73	55.2	9/5/1989	11:40	0.3	21.8	9.3	12984
1989	7	26	4	4	271	41	3.77	73	55.22	9/5/1989	11:21	0.3	22.7	10.5	12325
1989	7	26	4	4	283	41	8.34	73	54.4	9/5/1989	11:55	0.3	21.1	8.7	13175
1989	7	26	4	2	246	41	3.6	73	55.2	9/6/1989	12:40	0.3	21.5	8.9	12744
1989	7	26	4	2	283	41	8.34	73	54.4	9/6/1989	12:26	0.3	21.9	8.4	12744
1989	7	26	6	4	248	41	3.273	73	52.221	9/5/1989	12:44	0.3	23.2	7.9	13542
1989	7	26	6	4	247	41	3.891	73	52.077	9/6/1989	10:19	0.3	22	6.8	13778
1989	7	26	6	4	248	41	3.273	73	52.221	9/6/1989	10:33	0.3	21.8	6.7	13303
1989	7	26	6	4	249	41	2.67	73	52.3	9/6/1989	10:49	0.3	22	7.8	13248
1989	7	27	4	4	245	41	4.19	73	55.21	9/5/1989	11:03	0.3	22.1	8.1	12374

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1989	7	27	4	2	245	41	4.19	73	55.21	9/7/1989	13:01	0.3	22	8.7	12188
1989	7	28	6	4	243	41	5.683	73	52.214	9/6/1989	9:45	0.3	20.5	7.4	11483
1989	7	28	6	4	244	41	5.33	73	52.33	9/6/1989	10:06	0.3	21.5	7.8	10816
1989	7	29	4	2	242	41	6.1	73	54.88	9/6/1989	13:31	0.3	22.5	9.6	10488
1989	7	30	4	4	241	41	7.14	73	54.77	9/5/1989	10:36	0.3	21		10822
1989	7	31	5	4	285	41	3.607	73	55.196	9/5/1989	10:20	0.3	23.6	8.5	9945
1989	7	32	4	4	239	41	8.81	73	54.6	9/5/1989	9:34	0.3	23.8	8.4	9291
1989	7	32	4	4	240	41	8.48	73	54.42	9/5/1989	9:58	0.3	24	8.3	9151
1989	7	32	4	2	240	41	8.48	73	54.42	9/6/1989	13:45	0.3	23	7.8	9342
1989	7	32	6	4	269	41	9.445	73	52.243	9/6/1989	9:18	0.3	21.9	8.6	9877
1989	7	34	6	2	233	41	10.662	73	53.922	9/5/1989	14:27	0.3	23.9	9.5	8661
1989	7	34	6	2	234	41	10.19	73	53.93	9/5/1989	14:02	0.3	23.1	10.2	9219
1989	7	34	6	2	235	41	10.632	73	52.59	9/5/1989	13:44	0.3	23	12.4	9446
1989	7	35	4	2	230	41	10.59	73	56.39	9/5/1989	13:20	0.3	25.1	8.4	7058
1989	7	35	6	2	231	41	11.23	73	53.69	9/5/1989	15:05	0.3	23.9	12.6	8762
1989	7	35	6	2	274	41	11.17	73	53.71	9/5/1989	14:44	0.3	23.2	13.2	8787
1989	7	36	6	4	228	41	12.25	73	53.5	9/5/1989	15:26	0.3	24	12.6	8236
1989	7	36	6	4	276	41	12.17	73	53.51	9/5/1989	16:07	0.3	24.1	12.4	8219
1989	7	38	4	2	221	41	13.43	73	57.79	9/5/1989	11:43	0.3	25	8.8	6973
1989	7	38	4	2	222	41	12.979	73	57.867	9/5/1989	12:10	0.3	25.5	7.7	6902
1989	7	38	4	2	223	41	12.89	73	57.806	9/5/1989	12:43	0.3	25.5	7.5	6705
1989	7	38	4	2	278	41	12.96	73	57.828	9/5/1989	12:57	0.3	25.4	7.6	6817
1989	7	38	4	2	279	41	13.36	73	57.82	9/5/1989	12:24	0.3	25.5	8.2	6902
1989	7	38	4	2	280	41	13.4	73	57.81	9/5/1989	12:00	0.3	25.5	7.9	6902
1989	7	39	6	2	218	41	14.02	73	56.4	9/6/1989	14:10	0.3	25.2	8	7043
1989	7	40	4	2	209	41	14.97	73	58	9/6/1989	14:43	0.3	25.5	6.9	5423
1989	7	40	6	2	211	41	14.88	73	57.6	9/6/1989	14:28	0.3	25.2	7.7	6051
1989	7	42	4	2	206	41	16.412	73	58.1	9/6/1989	15:03	0.3	25.8	7.3	4900
1989	7	43	6	2	205	41	16.413	73	56.551	9/6/1989	15:18	0.3	24.9	13.2	4791
1989	7	48	4	2	197	41	20.86	73	58.08	9/7/1989	17:56	0.3	25	7.2	2590
1989	7	49	4	2	196	41	21.16	73	57.74	9/7/1989	17:44	0.3	25	6.5	3486
1989	7	52	6	2	193	41	24.12	73	57.31	9/7/1989	17:12	0.3	24.5	6.2	3019
1989	7	54	6	2	190	41	24.961	73	57.702	9/7/1989	16:56	0.3	24.5	6.9	1510
1989	7	55	6	2	189	41	25.66	73	58.14	9/7/1989	16:41	0.3	24	6.7	1525
1989	7	58	4	2	184	41	27.78	74	0.7	9/7/1989	16:23	0.3	25	9.6	727
1989	7	59	6	2	179	41	29.24	73	59.34	9/7/1989	15:49	0.3	23.8	8.5	817
1989	7	59	6	2	180	41	29.08	73	59.37	9/7/1989	15:57	0.3	25	8.8	747
1989	7	59	6	2	181	41	29.04	73	59.33	9/7/1989	16:07	0.3	24.5	9.3	906
1989	7	60	6	2	177	41	29.52	73	59.24	9/7/1989	15:23	0.3	25	8.7	598
1989	7	60	6	2	178	41	29.25	73	59.32	9/7/1989	15:35	0.3	24.3	8.3	637
1989	7	65	4	2	162	41	33.99	73	58.39	9/7/1989	14:51	0.3	26	6.7	259
1989	7	69	4	2	155	41	37.44	73	57.43	9/7/1989	13:49	0.3	25.3	7.1	248
1989	7	69	6	2	158	41	36.94	73	56.81	9/7/1989	14:09	0.3	25	6.8	264

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1989	7	72	4	2	151	41	40.04	73	57.11	9/7/1989	13:25	0.3	24	6.8	244
1989	7	74	6	2	149	41	41.064	73	56.289	9/7/1989	13:08	0.3	25	8.2	239
1989	7	81	4	2	135	41	47.474	73	57.457	9/7/1989	12:32	0.3	25	9.8	227
1989	7	82	4	2	134	41	48.51	73	57.22	9/7/1989	12:11	0.3	24	8.4	234
1989	7	83	4	1	131	41	49.33	73	57.31	9/7/1989	11:21	0.3	24	8.8	229
1989	7	83	4	1	133	41	48.74	73	57.19	9/7/1989	11:47	0.3	24	8.5	232
1989	7	85	4	1	128					9/7/1989	10:35	0.3	23	9.4	228
1989	7	87	4	4	123	41	52.616	73	57.292	9/7/1989	9:36	0.3	23	10	223
1989	7	89	6	4	121	41	53.84	73	57.04	9/7/1989	9:21	0.3	22	8.4	228
1989	7	92	4	4	118	41	56.32	73	58.1	9/7/1989	7:33	0.3	21.5	8.8	225
1989	7	93	4	4	116	41	57.05	73	57.77	9/7/1989	8:03	0.3	22	7.7	228
1989	7	93	6	4	117	41	57.036	73	56.721	9/7/1989	8:53	0.3	22	7.5	223
1989	7	94	4	4	113	41	58.38	73	57.25	9/7/1989	8:19	0.3	22	8.1	223
1989	7	95	4	2	111	41	59.083	73	57.079	9/6/1989	18:30	0.3	22.7	9.2	219
1989	7	96	4	2	105	42	0.22	73	56.65	9/6/1989	18:15	0.3	23	9.2	218
1989	7	96	4	4	110	41	59.4	73	56.94	9/7/1989	8:31	0.3	22	8.5	220
1989	7	97	4	2	102	42	0.83	73	56.38	9/6/1989	17:50	0.3	23.4	9.7	221
1989	7	97	4	2	103	42	0.5	73	56.51	9/6/1989	18:05	0.3	23	9.4	218
1989	7	98	5	2	100	42	1.67	73	56.54	9/6/1989	17:35	0.3	22.7	9	219
1989	7	105	4	2	98	42	7.33	73	55.3	9/6/1989	17:05	0.3	23.2	8.8	229
1989	7	106	4	2	96	42	8.147	73	54.796	9/6/1989	16:50	0.3	23	9.3	226
1989	7	112	4	2	88	42	12.69	73	51.26	9/6/1989	16:18	0.3	23.2	8.7	227
1989	7	113	4	2	86	42	13.12	73	51.33	9/6/1989	16:05	0.3	23	9.3	228
1989	7	114	4	2	82	42	14.31	73	50.58	9/6/1989	15:40	0.3	24	9.8	219
1989	7	116	6	2	77	42	15.02	73	48.31	9/6/1989	15:30	0.3	24	9.7	224
1989	7	118	4	4	73	42	16.76	73	47.67	9/6/1989	14:25	0.3	23	9.5	236
1989	7	118	4	1	75	42	16.12	73	47.49	9/6/1989	14:55	0.3	24.3	9.9	222
1989	7	119	4	4	72	42	16.82	73	47.28	9/6/1989	14:05	0.3	23	9.3	239
1989	7	123	4	4	59					9/6/1989	13:02	0.3	24	10	224
1989	7	123	4	4	61	42	20.29	73	47.24	9/6/1989	13:40	0.3	24.5	11.3	221
1989	7	124	6	4	56	42	21.49	73	47.29	9/6/1989	12:25	0.3	24.2	11.2	221
1989	7	126	4	4	48	42	23.65	73	47.38	9/6/1989	11:50	0.3	23	8.1	223
1989	7	129	4	4	41	42	25.79	73	46.99	9/6/1989	11:35	0.3	23.5	8.3	226
1989	7	134	4	4	27	42	30.17	73	46.88	9/6/1989	10:50	0.3	22.3	7.8	196
1989	7	138	4	4	22	42	33.36	73	45.42	9/6/1989	10:20	0.3	22.7	7.2	196
1989	7	139	4	3	13	42	34.59	73	45.25	9/6/1989	9:02	0.3	22.5	7.5	202
1989	7	139	4	3	18	42	34.14	73	45.24	9/6/1989	10:00	0.3	22	7.5	205
1989	7	139	6	3	14	42	34.34	73	45.02	9/6/1989	9:35	0.3	22.5	7.4	210
1989	8	12	4	2	268					9/18/1989	10:23	0.3	22.6	5.6	23864
1989	8	13	4	2	267					9/18/1989	10:00	0.3	22.6	5.2	20724
1989	8	18	4	2	260	40	56.889	73	55.1	9/18/1989	10:50	0.3	22.4	5.7	19024
1989	8	20	6	2	258	40	57.73	73	53.661	9/18/1989	11:18	0.3	22.4	6.5	17342
1989	8	21	6	2	257	40	59.13	73	53.13	9/18/1989	11:53	0.3	23.1	6.6	17610

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1989	8	24	6	4	252	41	2.057	73	52.505	9/19/1989	13:45	0.3	22.5	5.9	16257
1989	8	25	4	3	250	41	2.86	73	55.07	9/18/1989	12:20	0.3	20.3	7.1	14717
1989	8	25	6	4	251	41	2.46	73	52.42	9/19/1989	14:24	0.3	22.2	5.9	16781
1989	8	26	4	3	271	41	3.77	73	55.22	9/19/1989	12:26	0.3	19.9	7.9	14288
1989	8	26	4	4	283	41	8.34	73	54.4	9/19/1989	13:00	0.3	19.9	8.1	14067
1989	8	26	6	3	247	41	3.891	73	52.077	9/18/1989	13:04	0.3	21.8	6.8	14899
1989	8	26	6	4	247	41	3.891	73	52.077	9/19/1989	15:25	0.3	21.2	6.1	16381
1989	8	26	6	3	249	41	2.67	73	52.3	9/19/1989	15:00	0.3	22.2	6	16253
1989	8	27	4	3	245	41	4.19	73	55.21	9/18/1989	11:35	0.3	20.4	6	14686
1989	8	27	4	3	245	41	4.19	73	55.21	9/18/1989	11:56	0.3	20.4	6.4	14357
1989	8	28	6	4	243	41	5.683	73	52.214	9/18/1989	14:16	0.3	22	6.6	14519
1989	8	28	6	4	244	41	5.33	73	52.33	9/18/1989	13:40	0.3	21.8	7.7	14154
1989	8	28	6	4	243	41	5.683	73	52.214	9/19/1989	15:55	0.3	22.1	6.1	14278
1989	8	28	6	4	244	41	5.33	73	52.33	9/19/1989	15:42	0.3	21.9	7.1	13806
1989	8	29	4	3	242	41	6.1	73	54.88	9/18/1989	10:59	0.3	21.3	7.5	13013
1989	8	30	4	3	241	41	7.14	73	54.77	9/18/1989	10:18	0.3	21.3	7.1	12260
1989	8	31	4	4	285	41	3.607	73	55.196	9/18/1989	15:10	0.3	21.7	7.5	14077
1989	8	32	4	4	239	41	8.81	73	54.6	9/18/1989	15:23	0.3	21.9	6.9	13700
1989	8	32	4	3	240	41	8.48	73	54.42	9/18/1989	9:40	0.3	22.1	7.1	12480
1989	8	32	4	2	238	41	8.85	73	52.123	9/20/1989	9:32	0.3	22.5	5.8	12691
1989	8	32	6	4	269	41	9.445	73	52.243	9/18/1989	13:50	0.3	21.8	8.1	12984
1989	8	32	6	2	237	41	9.274	73	52.181	9/20/1989	9:45	0.3	22.5	5.8	12586
1989	8	33	6	2	236	41	9.79	73	52.202	9/20/1989	10:22	0.3	23	5.8	12456
1989	8	33	6	2	269	41	9.445	73	52.243	9/20/1989	10:05	0.3	23	5.9	12249
1989	8	34	6	2	233	41	10.662	73	53.922	9/20/1989	11:29	0.3	24	7.1	11388
1989	8	34	6	2	235	41	10.632	73	52.59	9/20/1989	10:57	0.3	23.1	6	11291
1989	8	35	4	3	230	41	10.59	73	56.39	9/19/1989	11:43	0.3	23.7	6.7	11152
1989	8	35	6	2	274	41	11.17	73	53.71	9/20/1989	11:45	0.3	23.8	6.5	11231
1989	8	35	6	2	275	41	11.31	73	53.54	9/20/1989	12:40	0.3	24	6.7	11083
1989	8	36	4	3	227	41	11.02	73	57.41	9/19/1989	11:13	0.3	22.6	7.5	10676
1989	8	36	4	3	282	41	11.2	73	57.17	9/19/1989	11:29	0.3	22.2	7.2	11293
1989	8	37	4	4	224					9/19/1989	10:38	0.3	22.3	7.3	9479
1989	8	37	4	3	226	41	11.8	73	57.5	9/19/1989	10:57	0.3	21.9	6.8	11364
1989	8	38	4	2	278	41	12.96	73	57.828	9/19/1989	10:14	0.3	23.1	6.8	10152
1989	8	38	4	2	279	41	13.36	73	57.82	9/19/1989	9:55	0.3	23.8	6.5	9904
1989	8	38	4	2	280	41	13.4	73	57.81	9/19/1989	9:15	0.3	22.4	6	10195
1989	8	39	6	3	217	41	14.098	73	56.682	9/20/1989	13:25	0.3	25	6	9662
1989	8	40	4	3	209	41	14.97	73	58	9/20/1989	13:58	0.3	23.2	6	11888
1989	8	43	6	2	203	41	16.91	73	56.26	9/20/1989	14:45	0.3	19.2	5.2	9893
1989	8	44	6	3	201	41	17.74	73	56.87	9/20/1989	14:17	0.3	23	5.8	13183
1989	8	46	6	4	199	41	19.42	73	58.77	9/20/1989	15:11	0.3	20	5.5	8732
1989	8	52	6	2	193	41	24.12	73	57.31	9/20/1989	14:35	0.3	25.2	5.4	5555
1989	8	52	6	2	194	41	24.12	73	56.81	9/20/1989	15:48	0.3	25.5	6.2	5916

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1989	8	53	4	2	192	41	24.19	73	57.95	9/20/1989	15:19	0.3	24.1	7.8	4262
1989	8	53	6	2	191	41	24.882	73	57.554	9/20/1989	15:05	0.3	25.2	5.8	4663
1989	8	55	6	2	189	41	25.66	73	58.14	9/20/1989	14:47	0.3	25.7	6.3	4321
1989	8	56	4	2	187	41	26.83	74	0.5	9/20/1989	14:32	0.3	25.6	6.1	3503
1989	8	57	4	2	185	41	27.68	74	0.73	9/20/1989	14:15	0.3	21.5	7.9	2709
1989	8	58	4	2	184	41	27.78	74	0.7	9/20/1989	13:55	0.3	23.6	5.9	3281
1989	8	59	6	2	179	41	29.24	73	59.34	9/20/1989	13:15	0.3	24.9	6.5	3294
1989	8	59	6	2	180	41	29.08	73	59.37	9/20/1989	13:28	0.3	24.9	5.5	3444
1989	8	59	6	2	181	41	29.04	73	59.33	9/20/1989	13:40	0.3	24.9	6.3	3693
1989	8	62	4	2	171	41	32.19	73	59.91	9/20/1989	12:52	0.3	26.5	5.8	2222
1989	8	64	4	2	164	41	33.37	73	59.18	9/20/1989	12:21	0.3	25.5	5.8	1686
1989	8	68	4	4	159	41	36.49	73	57.64	9/20/1989	11:40	0.3	25.8	7.4	1078
1989	8	69	6	4	156	41	37.03	73	56.88	9/20/1989	11:12	0.3	24.9	5.8	619
1989	8	69	6	4	157	41	36.97	73	56.85	9/20/1989	11:26	0.3	25.2	6.3	863
1989	8	78	4	4	139	41	44.786	73	56.758	9/20/1989	10:36	0.3	24.3	7.7	505
1989	8	78	6	4	138	41	45.18	73	56.22	9/20/1989	10:06	0.3	24.1	7.3	436
1989	8	81	4	4	135	41	47.474	73	57.457	9/20/1989	9:52	0.3	24.2	7.5	402
1989	8	82	4	4	134	41	48.51	73	57.22	9/20/1989	9:23	0.3	23	7.4	397
1989	8	84	4	4	129	41	50.61	73	57.28	9/20/1989	9:02	0.3	23.6	7.5	405
1989	8	89	6	4	121	41	53.84	73	57.04	9/20/1989	8:41	0.3	23.9	8.5	418
1989	8	90	6	4	120	41	54.02	73	57.2	9/19/1989	8:15	0.3	19.8	8.8	434
1989	8	91	6	4	119	41	55.847	73	56.774	9/20/1989	7:50	0.3	20	8.6	422
1989	8	92	4	4	118	41	56.32	73	58.1	9/20/1989	7:10	0.3	20	8.4	430
1989	8	93	4	4	116	41	57.05	73	57.77	9/20/1989	7:30	0.3	20.1	8.1	430
1989	8	94	4	2	113	41	58.38	73	57.25	9/19/1989	18:10	0.3	21.5	7.5	418
1989	8	94	6	2	114	41	58.085	73	56.467	9/19/1989	18:29	0.3	21.4	7.5	416
1989	8	95	4	2	111	41	59.083	73	57.079	9/19/1989	17:51	0.3	21.4	7.4	409
1989	8	96	4	2	108	41	59.76	73	56.81	9/19/1989	17:24	0.3	21.5	7.3	408
1989	8	96	6	2	109	41	59.43	73	56.012	9/19/1989	17:39	0.3	21.4	7.8	409
1989	8	97	4	2	103	42	0.5	73	56.51	9/19/1989	17:10	0.3	21.8	7.1	415
1989	8	98	4	2	101	42	1.426	73	56.456	9/19/1989	16:56	0.3	22	7.1	408
1989	8	105	4	2	98	42	7.33	73	55.3	9/19/1989	16:30	0.3	21.4	8	407
1989	8	106	4	2	96	42	8.147	73	54.796	9/19/1989	16:14	0.3	21.1	8.1	400
1989	8	115	6	2	79	42	14.8	73	49	9/19/1989	15:41	0.3	21.3	8	409
1989	8	115	6	2	80	42	14.8	73	49.1	9/19/1989	15:57	0.3	21.7	7.4	405
1989	8	116	4	2	78					9/19/1989	15:29	0.3	21.8	7.4	403
1989	8	116	6	2	77	42	15.02	73	48.31	9/19/1989	15:15	0.3	21.8	7.1	399
1989	8	118	4	2	74	42	16.42	73	47.92	9/19/1989	15:01	0.3	21.5	8	402
1989	8	119	6	2	71	42	17.16	73	46.8	9/19/1989	14:22	0.3	21.9	7.2	404
1989	8	119	6	2	72	42	16.82	73	47.28	9/19/1989	14:45	0.3	21.7	8.3	405
1989	8	122	4	4	63	42	19.84	73	47.18	9/19/1989	13:15	0.3	21.5	7.2	412
1989	8	122	6	4	62	42	20.105	73	46.848	9/19/1989	12:49	0.3	21.2	7.4	401
1989	8	122	6	2	64	42	19.9	73	46.8	9/19/1989	13:44	0.3	21	8.1	411

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1989	8	128	4	4	44	42	25	73	46.99	9/19/1989	12:22	0.3	21.5	6	372
1989	8	132	4	4	30					9/19/1989	11:56	0.3	20.6	6.7	373
1989	8	138	4	4	20	42	33.5	73	45.35	9/19/1989	11:09	0.3	20.6	7.3	345
1989	8	139	4	4	19	42	34.03	73	45.26	9/19/1989	10:37	0.3	20.3	7.5	328
1989	8	145	6	4	5	42	39.19	73	44.41	9/19/1989	10:10	0.3	20.2	7.8	347
1989	8	148	6	4	3	42	41.41	73	42.584	9/19/1989	9:30	0.3	19.7	8.1	329
1989	8	151	4	4	1	42	44.51	73	41.196	9/19/1989	8:58	0.3	19.5	8	324
1989	9	19	6	2	259	40	57.735	73	53.561	10/5/1989	15:08	0.3	17.4	14.8	9349
1989	9	20	6	2	258	40	57.73	73	53.661	10/5/1989	14:51	0.3	17	13.3	9195
1989	9	21	6	2	257	40	59.13	73	53.13	10/5/1989	14:38	0.3	16.9	13.4	6970
1989	9	23	6	2	254	41	1.086	73	52.681	10/5/1989	14:11	0.3	16.2		5710
1989	9	23	6	2	255	41	0.74	73	52.83	10/5/1989	14:24	0.3	16.9	12.3	5222
1989	9	24	6	2	252	41	2.057	73	52.505	10/5/1989	13:56	0.3	16.6	11.3	5589
1989	9	25	4	2	250	41	2.86	73	55.07	10/5/1989	13:20	0.3	15.8	11.2	5458
1989	9	25	6	4	251	41	2.46	73	52.42	10/2/1989	12:06	0.3	18.2	8	7580
1989	9	25	6	2	251	41	2.46	73	52.42	10/5/1989	13:43	0.3	16.9	11.4	4950
1989	9	26	4	4	246	41	3.6	73	55.2	10/2/1989	11:49	0.3	18.1	8.1	6676
1989	9	26	4	4	271	41	3.77	73	55.22	10/2/1989	11:28	0.3	18.5	8	6733
1989	9	26	4	2	271	41	3.77	73	55.22	10/3/1989	12:50	0.3	15.9	9.7	5193
1989	9	26	4	2	246	41	3.6	73	55.2	10/5/1989	13:02	0.3	15.6	10.5	5288
1989	9	26	4	2	283	41	8.34	73	54.4	10/5/1989	13:12	0.3	15.6	11.1	5470
1989	9	26	6	4	247	41	3.891	73	52.077	10/2/1989	12:15	0.3	18	8	6460
1989	9	27	4	4	245	41	4.19	73	55.21	10/2/1989	11:15	0.3	18	7.9	6344
1989	9	27	4	4	272	41	4.49	73	55.14	10/2/1989	10:50	0.3	18.3	8.5	5845
1989	9	27	4	2	245	41	4.19	73	55.21	10/5/1989	12:36	0.3	15.2	9.7	5274
1989	9	28	6	4	243	41	5.683	73	52.214	10/2/1989	12:45	0.3	17.9	8	5896
1989	9	28	6	4	244	41	5.33	73	52.33	10/2/1989	12:30	0.3	18	8	6229
1989	9	28	6	2	243	41	5.683	73	52.214	10/5/1989	15:39	0.3	16.3	12	3256
1989	9	29	4	2	242	41	6.1	73	54.88	10/5/1989	12:05	0.3	17.1	10.6	4352
1989	9	30	4	4	241	41	7.14	73	54.77	10/2/1989	10:14	0.3	18.3	8.2	5295
1989	9	30	4	4	241	41	7.14	73	54.77	10/5/1989	11:40	0.3	15	10.1	3388
1989	9	31	4	4	285	41	3.607	73	55.196	10/2/1989	9:59	0.3	19.1	8.2	4405
1989	9	32	4	4	239	41	8.81	73	54.6	10/2/1989	9:43	0.3	19.1	8.2	4067
1989	9	32	4	4	239	41	8.81	73	54.6	10/5/1989	11:09	0.3	17.8	11.6	3082
1989	9	32	4	4	240	41	8.48	73	54.42	10/5/1989	11:26	0.3	17.6	10.4	3316
1989	9	32	6	2	237	41	9.274	73	52.181	10/2/1989	13:12	0.3	18	8	4603
1989	9	35	4	4	230	41	10.59	73	56.39	10/4/1989	11:19	0.3	19.8	6.5	2531
1989	9	35	6	4	232	41	11.172	73	53.996	10/4/1989	10:40	0.3	17	9.8	3100
1989	9	35	6	4	277	41	10.95	73	57.06	10/5/1989	10:47	0.3	16.4	12.9	2377
1989	9	36	4	4	226	41	11.8	73	57.5	10/5/1989	9:50	0.3	17.1	14.1	2235
1989	9	36	4	4	227	41	11.02	73	57.41	10/5/1989	10:38	0.3	16.6	12.8	2378
1989	9	36	4	4	281	41	11.13	73	57.16	10/5/1989	10:22	0.3	16.6	13.5	2372
1989	9	36	4	4	282	41	11.2	73	57.17	10/5/1989	10:13	0.3	16.5	13.4	2372

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1989	9	37	4	4	224					10/5/1989	9:16	0.3	17.5	15.7	1854
1989	9	37	4	4	225	41	12.096	73	57.458	10/5/1989	9:35	0.3	18.1	14.8	2406
1989	9	38	4	4	221	41	13.43	73	57.79	10/5/1989	8:03	0.3	18.7	12.1	1364
1989	9	38	4	4	222	41	12.979	73	57.867	10/5/1989	8:56	0.3	17	13.6	1391
1989	9	38	4	4	278	41	12.96	73	57.828	10/5/1989	8:37	0.3	17.2	13.4	1279
1989	9	38	4	4	279	41	13.36	73	57.82	10/5/1989	8:21	0.3	18.4	12.6	1384
1989	9	38	4	4	280	41	13.4	73	57.81	10/5/1989	7:41	0.3	16.8	9.7	1302
1989	9	42	4	4	206	41	16.412	73	58.1	10/4/1989	18:09	0.3	18.1	11.2	863
1989	9	43	6	4	202	41	17.12	73	55.98	10/4/1989	17:29	0.3	19.6	11.1	691
1989	9	43	6	4	205	41	16.413	73	56.551	10/4/1989	17:46	0.3	17.7	11.5	570
1989	9	46	4	2	198	41	19.7	73	59	10/4/1989	17:02	0.3	18.6	9.4	386
1989	9	46	6	2	199	41	19.42	73	58.77	10/4/1989	17:16	0.3	18.3	10	385
1989	9	48	4	2	197	41	20.86	73	58.08	10/4/1989	16:50	0.3	18.1	8.8	311
1989	9	49	4	2	196	41	21.16	73	57.74	10/4/1989	16:32	0.3	18.2	8.4	316
1989	9	51	6	2	195	41	22.87	73	50.61	10/4/1989	16:01	0.3	18.1	9.3	282
1989	9	52	6	2	193	41	24.12	73	57.31	10/4/1989	15:26	0.3	18.2	9.6	277
1989	9	52	6	2	194	41	24.12	73	56.81	10/4/1989	15:38	0.3	18.1	9.5	283
1989	9	56	4	2	187	41	26.83	74	0.5	10/4/1989	14:58	0.3	17.2	10.6	245
1989	9	57	4	4	186	41	27.28	74	0.8	10/4/1989	14:38	0.3	18.2	10.5	242
1989	9	58	4	2	183	41	28.02	74	0.87	10/4/1989	14:25	0.3	18	10.6	231
1989	9	59	6	2	179	41	29.24	73	59.34	10/4/1989	13:48	0.3	17.9	9.8	234
1989	9	60	6	2	177	41	29.52	73	59.24	10/4/1989	13:19	0.3	17.9	9.8	232
1989	9	61	4	2	174	41	31.15	74	0.37	10/4/1989	12:58	0.3	18.6	10.5	223
1989	9	63	4	4	166					10/4/1989	12:15	0.3	17.6	10.2	233
1989	9	63	6	2	169	41	32.07	73	58.83	10/4/1989	12:36	0.3	17.5	10.6	234
1989	9	69	6	4	157	41	36.97	73	56.85	10/4/1989	11:55	0.3	17.5	9.9	237
1989	9	71	4	4	153	41	39.06	73	57.257	10/4/1989	11:40	0.3	17.9	10.2	227
1989	9	74	6	4	148	41	41.15	73	56.31	10/4/1989	11:15	0.3	16.9	10.8	230
1989	9	81	4	4	135	41	47.474	73	57.457	10/4/1989	10:45	0.3	16.1	10.9	224
1989	9	82	4	4	134	41	48.51	73	57.22	10/4/1989	10:28	0.3	15.9	10.5	226
1989	9	83	4	4	131	41	49.33	73	57.31	10/4/1989	9:43	0.3	15.6	8.9	231
1989	9	83	4	4	133	41	48.74	73	57.19	10/4/1989	9:52	0.3	15.1	9.3	231
1989	9	84	4	4	129	41	50.61	73	57.28	10/4/1989	9:03	0.3	14.7	9.6	234
1989	9	89	6	4	121	41	53.84	73	57.04	10/4/1989	8:45	0.3	13.9	9.1	232
1989	9	90	6	4	120	41	54.02	73	57.2	10/4/1989	8:34	0.3	14.1	8.1	228
1989	9	91	6	4	119	41	55.847	73	56.774	10/4/1989	8:09	0.3	14.2	8.3	225
1989	9	93	4	4	116	41	57.05	73	57.77	10/4/1989	7:23	0.3	13.9	9.3	227
1989	9	93	6	4	117	41	57.036	73	56.721	10/3/1989	7:50	0.3	14	8.8	229
1989	9	94	4	4	113	41	58.38	73	57.25	10/3/1989	7:38	0.3	13.9	9.4	231
1989	9	96	4	2	105	42	0.22	73	56.65	10/3/1989	18:18	0.3	16	8.7	205
1989	9	96	4	2	110	41	59.4	73	56.94	10/3/1989	18:28	0.3	16.4	7.8	202
1989	9	97	4	2	102	42	0.83	73	56.38	10/3/1989	17:56	0.3	16.3	7.9	215
1989	9	97	4	2	103	42	0.5	73	56.51	10/3/1989	18:07	0.3	16.1	8.8	198

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1989	9	98	4	2	100	42	1.67	73	56.54	10/3/1989	17:46	0.3	16.1	7.8	214
1989	9	105	4	2	97	42	7.68	73	55.13	10/3/1989	17:01	0.3	15.5	8.5	194
1989	9	105	4	2	98	42	7.33	73	55.3	10/3/1989	17:16	0.3	15.4	8.5	190
1989	9	106	4	2	96	42	8.147	73	54.796	10/3/1989	16:45	0.3	15	8.4	198
1989	9	113	4	2	86	42	13.12	73	51.33	10/3/1989	16:17	0.3	16.5	7.9	188
1989	9	115	6	2	79	42	14.8	73	49	10/3/1989	15:42	0.3	17.8	8.6	180
1989	9	118	4	2	75	42	16.12	73	47.49	10/3/1989	15:25	0.3	16.9	8.1	180
1989	9	119	6	1	69	42	17.29	73	46.78	10/3/1989	14:46	0.3	17.4	9.2	192
1989	9	119	6	2	71	42	17.16	73	46.8	10/3/1989	15:06	0.3	16.3	8.7	180
1989	9	121	4	4	65	42	19.307	73	47.217	10/3/1989	14:01	0.3	17.3	9.7	189
1989	9	121	6	4	67	42	18.82	73	46.89	10/3/1989	14:20	0.3	17.4	9.3	192
1989	9	123	4	4	59					10/3/1989	13:25	0.3	15.9	10.3	181
1989	9	123	6	4	62	42	20.105	73	46.848	10/3/1989	13:42	0.3	17.5	8.4	189
1989	9	124	4	4	58					10/3/1989	12:48	0.3	16	7.9	180
1989	9	135	4	4	25	42	31.16	73	46.06	10/3/1989	12:02	0.3	14.9	9.9	163
1989	9	137	6	4	24	42	32.262	73	45.288	10/3/1989	11:38	0.3	14.6	8.3	163
1989	9	138	4	4	20	42	33.5	73	45.35	10/3/1989	10:59	0.3	14.9	11.8	162
1989	9	139	4	4	18	42	34.14	73	45.24	10/3/1989	10:30	0.3	14.6	10.1	165
1989	9	139	6	4	17	42	34.22	73	45.02	10/3/1989	9:58	0.3	14.8	9.5	168
1989	9	140	6	4	12					10/3/1989	9:22	0.3	14.2	10.3	173
1989	9	145	6	4	4	42	39.51	73	44.09	10/3/1989	8:58	0.3	14.8	9.6	172
1989	10	15	4	4	263	40	54.252	73	55.961	10/16/1989	15:12	0.3	16.9	7.1	23627
1989	10	18	4	4	260	40	56.889	73	55.1	10/16/1989	14:45	0.3	17	6.7	21100
1989	10	18	6	4	261	40	56.27	73	54.17	10/16/1989	14:56	0.3	17.3	7	21080
1989	10	20	6	4	258	40	57.73	73	53.661	10/16/1989	14:19	0.3	16.9	6.5	17366
1989	10	23	6	2	255	41	0.74	73	52.83	10/16/1989	14:02	0.3	16.4	6.7	16602
1989	10	24	6	2	252	41	2.057	73	52.505	10/16/1989	13:47	0.3	17.6	7.1	14311
1989	10	25	6	2	251	41	2.46	73	52.42	10/16/1989	13:33	0.3	17.3	7.3	13936
1989	10	26	4	2	246	41	3.6	73	55.2	10/16/1989	13:00	0.3	16.8	7.3	11011
1989	10	26	4	2	271	41	3.77	73	55.22	10/16/1989	12:47	0.3	17.4	7.1	10985
1989	10	26	4	2	283	41	8.34	73	54.4	10/16/1989	13:11	0.3	17.2	7.2	10446
1989	10	26	4	2	246	41	3.6	73	55.2	10/17/1989	13:25	0.3	16.9	7.8	11459
1989	10	26	6	2	247	41	3.891	73	52.077	10/17/1989	13:41	0.3	16.9	7.7	9333
1989	10	27	4	2	245	41	4.19	73	55.21	10/16/1989	12:24	0.3	17	7.8	10845
1989	10	27	4	2	272	41	4.49	73	55.14	10/16/1989	12:06	0.3	16.6	7.2	10702
1989	10	27	4	2	245	41	4.19	73	55.21	10/17/1989	13:15	0.3	16.8	7.5	9472
1989	10	27	4	2	272	41	4.49	73	55.14	10/17/1989	13:05	0.3	16.7	7.8	9255
1989	10	28	6	2	243	41	5.683	73	52.214	10/17/1989	14:10	0.3	16.4	7.5	8361
1989	10	28	6	2	244	41	5.33	73	52.33	10/17/1989	13:55	0.3	16.9	7.4	8624
1989	10	29	4	2	242	41	6.1	73	54.88	10/16/1989	11:36	0.3	16.5	7.8	10487
1989	10	29	4	2	242	41	6.1	73	54.88	10/17/1989	12:51	0.3	16.9	7.4	8860
1989	10	30	4	2	241	41	7.14	73	54.77	10/16/1989	11:15	0.3	17.9	7.8	9595
1989	10	30	4	2	241	41	7.14	73	54.77	10/17/1989	12:40	0.3	17	7.4	8369

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1989	10	31	4	2	285	41	3.607	73	55.196	10/16/1989	10:58	0.3	18.1	8	8748
1989	10	32	4	2	239	41	8.81	73	54.6	10/16/1989	10:15	0.3	18.1	8.1	8402
1989	10	32	4	2	240	41	8.48	73	54.42	10/16/1989	10:38	0.3	28.1	7.5	6920
1989	10	32	4	2	239	41	8.81	73	54.6	10/17/1989	12:18	0.3	18	8	6229
1989	10	32	4	2	240	41	8.48	73	54.42	10/17/1989	12:28	0.3	17	7.4	8016
1989	10	32	6	2	237	41	9.274	73	52.181	10/17/1989	14:30	0.3	16.2	6.9	6478
1989	10	32	6	2	269	41	9.445	73	52.243	10/17/1989	14:46	0.3	16.1	6.9	6492
1989	10	35	4	2	229	41	10.59	73	56.41	10/17/1989	11:38	0.3	17.5	8.1	6180
1989	10	35	4	2	230	41	10.59	73	56.39	10/17/1989	11:54	0.3	17.5	8	5947
1989	10	35	4	2	277	41	10.95	73	57.06	10/17/1989	11:28	0.3	17.7	8	6502
1989	10	36	4	2	226	41	11.8	73	57.5	10/17/1989	10:31	0.3	18	7.9	6344
1989	10	36	4	4	227	41	11.02	73	57.41	10/17/1989	11:15	0.3	17.8	7.5	6488
1989	10	36	4	2	281	41	11.13	73	57.16	10/17/1989	11:05	0.3	18.1	7.8	6446
1989	10	36	4	2	282	41	11.2	73	57.17	10/17/1989	10:46	0.3	18.2	7.6	6317
1989	10	37	4	4	224					10/17/1989	10:17	0.3	17.9	7.8	6358
1989	10	38	4	4	221	41	13.43	73	57.79	10/17/1989	8:30	0.3	18.1	8.7	4961
1989	10	38	4	4	222	41	12.979	73	57.867	10/17/1989	9:39	0.3	17.8	8.3	4877
1989	10	38	4	4	223	41	12.89	73	57.806	10/17/1989	9:55	0.3	18	7.9	5087
1989	10	38	4	4	278	41	12.96	73	57.828	10/17/1989	9:29	0.3	17.9	8.3	4855
1989	10	38	4	4	279	41	13.36	73	57.82	10/17/1989	9:15	0.3	18.1	8.1	4949
1989	10	38	4	4	280	41	13.4	73	57.81	10/17/1989	8:59	0.3	17.7	8.4	5341
1989	10	39	4	2	215	41	13.62	73	58.34	10/17/1989	15:24	0.3	17.4	7.5	4078
1989	10	40	6	4	211	41	14.88	73	57.6	10/17/1989	16:04	0.3	17.4	7.2	5165
1989	10	40	6	2	213	41	14.64	73	57.15	10/17/1989	15:51	0.3	17.6	6.9	5247
1989	10	42	6	4	207	41	15.3	73	57.8	10/17/1989	16:21	0.3	22	6.9	5172
1989	10	43	6	4	205	41	16.413	73	56.551	10/17/1989	16:37	0.3	16.9	6.9	2469
1989	10	52	6	2	193	41	24.12	73	57.31	10/19/1989	15:20	0.3	13.9	9.1	289
1989	10	52	6	2	194	41	24.12	73	56.81	10/19/1989	15:33	0.3	13.8	9.1	282
1989	10	53	4	2	192	41	24.19	73	57.95	10/19/1989	15:07	0.3	13.5	9.1	289
1989	10	53	6	2	191	41	24.882	73	57.554	10/19/1989	14:57	0.3	13.4	9.2	281
1989	10	55	6	2	189	41	25.66	73	58.14	10/19/1989	14:49	0.3	13.3	9.5	288
1989	10	57	4	2	186	41	27.28	74	0.8	10/19/1989	14:23	0.3	13.6	9.8	278
1989	10	58	4	2	184	41	27.78	74	0.7	10/19/1989	14:13	0.3	13.8	10	290
1989	10	59	6	2	178	41	29.25	73	59.32	10/19/1989	13:28	0.3	13.1	9.7	296
1989	10	59	6	2	180	41	29.08	73	59.37	10/19/1989	13:44	0.3	13.4	9.6	308
1989	10	59	6	2	181	41	29.04	73	59.33	10/19/1989	14:00	0.3	13.7	10.1	285
1989	10	61	4	2	174	41	31.15	74	0.37	10/18/1989	13:08	0.3	13	10	271
1989	10	66	4	2	160	41	34.777	73	57.753	10/19/1989	12:11	0.3	13.1	10.2	233
1989	10	72	6	2	152	41	39.77	73	56.55	10/19/1989	11:47	0.3	12.9	10	220
1989	10	74	6	4	148	41	41.15	73	56.31	10/19/1989	11:35	0.3	12.9	10.1	224
1989	10	76	4	4	146	41	42.94	73	56.87	10/19/1989	11:10	0.3	12.8	10	207
1989	10	78	6	4	138	41	45.18	73	56.22	10/19/1989	10:40	0.3	12.9	10.2	213
1989	10	81	4	4	135	41	47.474	73	57.457	10/19/1989	10:25	0.3	12.9	10	207

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1989	10	82	4	4	134	41	48.51	73	57.22	10/19/1989	10:10	0.3	12.8	10	211
1989	10	83	4	4	131	41	49.33	73	57.31	10/19/1989	9:50	0.3	13	10	215
1989	10	85	6	4	127	41	51.18	73	56.5	10/19/1989	9:39	0.3	13	10.1	218
1989	10	89	6	2	121	41	53.84	73	57.04	10/18/1989	17:12	0.3	12.9	9.8	205
1989	10	90	6	2	120	41	54.02	73	57.2	10/18/1989	17:00	0.3	13.1	10.1	215
1989	10	91	6	2	119	41	55.847	73	56.774	10/18/1989	16:49	0.3	12.9	9.8	207
1989	10	92	4	2	118	41	56.32	73	58.1	10/18/1989	16:37	0.3	13	9.1	209
1989	10	93	6	2	117	41	57.036	73	56.721	10/18/1989	16:26	0.3	12.8	10.5	203
1989	10	96	4	2	105	42	0.22	73	56.65	10/18/1989	16:03	0.3	12.3	11	200
1989	10	96	4	2	108	41	59.76	73	56.81	10/18/1989	16:13	0.3	12.8	10.1	203
1989	10	97	4	2	102	42	0.83	73	56.38	10/18/1989	15:52	0.3	12.9	9.3	202
1989	10	98	4	2	100	42	1.67	73	56.54	10/18/1989	15:32	0.3	12.4	9.8	203
1989	10	98	4	2	101	42	1.426	73	56.456	10/18/1989	15:42	0.3	13.1	9.1	201
1989	10	99	6	2	99	42	2.02	73	55.73	10/18/1989	15:14	0.3	12.5	9.9	203
1989	10	105	4	2	98	42	7.33	73	55.3	10/18/1989	14:51	0.3	13.1	9.3	199
1989	10	105	6	2	97	42	7.68	73	55.13	10/18/1989	14:41	0.3	13	9.5	200
1989	10	106	4	2	96	42	8.147	73	54.796	10/18/1989	14:26	0.3	13	9.3	200
1989	10	111	6	4	89					10/18/1989	14:06	0.3	12.6	10	199
1989	10	112	4	4	88	42	12.69	73	51.26	10/18/1989	13:55	0.3	12.4	10.1	201
1989	10	114	4	4	83	42	14.26	73	50.71	10/18/1989	13:35	0.3	12.2	10.1	204
1989	10	114	6	4	85	42	13.54	73	50.75	10/18/1989	13:45	0.3	12.4	10.1	200
1989	10	117	4	4	76	42	15.84	73	47.69	10/18/1989	13:23	0.3	12.5	9.9	196
1989	10	119	6	4	71	42	17.16	73	46.8	10/18/1989	13:10	0.3	12.3	10	204
1989	10	121	4	4	65	42	19.307	73	47.217	10/18/1989	12:56	0.3	12.6	9.9	199
1989	10	123	4	4	59					10/18/1989	12:40	0.3	12.6	9.8	195
1989	10	124	4	4	55	42	21.64	73	47.62	10/18/1989	12:10	0.3	12.4	10.1	196
1989	10	124	6	4	56	42	21.49	73	47.29	10/18/1989	12:23	0.3	12.5	10.2	197
1989	10	129	6	4	38	42	26.05	73	46.82	10/18/1989	11:49	0.3	12.5	10.1	205
1989	10	132	4	4	32	42	28.13	73	47.21	10/18/1989	11:30	0.3	12.7	10.1	201
1989	10	138	4	4	23	42	33.14	73	45.46	10/18/1989	11:11	0.3	12.6	10	203
1989	10	139	4	4	15	42	34.32	73	45.25	10/18/1989	10:27	0.3	12.9	9.5	202
1989	10	139	4	4	19	42	34.03	73	45.26	10/18/1989	10:44	0.3	12.9	9.1	202
1989	10	143	4	4	6	42	38.03	73	45.23	10/18/1989	10:01	0.3	12.2	10	197
1989	10	145	6	4	4	42	39.51	73	44.09	10/18/1989	9:43	0.3	12.2	10.1	197
1989	11	18	4	4	260	40	56.889	73	55.1	10/30/1989	16:39	0.3	15.5	7.6	9625
1989	11	20	6	4	258	40	57.73	73	53.661	10/30/1989	16:27	0.3	15.4	7.6	8914
1989	11	21	6	4	257	40	59.13	73	53.13	10/30/1989	16:16	0.3	15.5	7.9	8407
1989	11	23	6	4	254	41	1.086	73	52.681	10/30/1989	15:56	0.3	15.3	8.4	7465
1989	11	23	6	4	255	41	0.74	73	52.83	10/30/1989	16:05	0.3	15.4	7.9	7693
1989	11	25	4	4	250	41	2.86	73	55.07	10/30/1989	15:40	0.3	15.3	7.9	2484
1989	11	25	4	4	250	41	2.86	73	55.07	10/31/1989	13:55	0.3	15.3	8.8	857
1989	11	26	4	4	246	41	3.6	73	55.2	10/30/1989	15:20	0.3	15.5	7.9	2315
1989	11	26	4	4	271	41	3.77	73	55.22	10/30/1989	15:10	0.3	15.4	8	2308

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1989	11	26	4	4	283	41	8.34	73	54.4	10/30/1989	15:30	0.3	15.3	7.8	2337
1989	11	26	4	4	246	41	3.6	73	55.2	10/31/1989	14:07	0.3	15.3	8.6	795
1989	11	26	4	4	271	41	3.77	73	55.22	10/31/1989	14:17	0.3	15.2	8.7	797
1989	11	26	6	4	247	41	3.891	73	52.077	10/31/1989	13:20	0.3	14.3	7.9	1502
1989	11	26	6	4	248	41	3.273	73	52.221	10/31/1989	13:31	0.3	15.6	7.8	1471
1989	11	26	6	4	249	41	2.67	73	52.3	10/31/1989	13:41	0.3	15.4	8.2	1502
1989	11	27	4	4	245	41	4.19	73	55.21	10/30/1989	15:00	0.3	15.6	8.8	1738
1989	11	27	4	4	272	41	4.49	73	55.14	10/30/1989	14:49	0.3	15.9	8	1703
1989	11	27	4	4	245	41	4.19	73	55.21	10/31/1989	14:27	0.3	15	8.9	739
1989	11	28	6	4	243	41	5.683	73	52.214	10/31/1989	12:57	0.3	14.8	8.4	854
1989	11	28	6	4	244	41	5.33	73	52.33	10/31/1989	13:08	0.3	15	8.2	801
1989	11	29	4	4	242	41	6.1	73	54.88	10/30/1989	14:24	0.3	15.4	9	1575
1989	11	30	4	2	241	41	7.14	73	54.77	10/30/1989	14:05	0.3	15.6	9.1	1568
1989	11	31	4	2	285	41	3.607	73	55.196	10/30/1989	13:28	0.3	15.5	8.7	1608
1989	11	32	4	4	240	41	8.48	73	54.42	10/31/1989	14:50	0.3	14.9	8.9	370
1989	11	32	6	2	237	41	9.274	73	52.181	10/31/1989	12:30	0.3	14.8	9.1	606
1989	11	32	6	2	238	41	8.85	73	52.123	10/31/1989	12:40	0.3	14.9	8.8	605
1989	11	32	6	4	239	41	8.81	73	54.6	10/31/1989	14:59	0.3	14.8	9	347
1989	11	32	6	2	269	41	9.445	73	52.243	10/31/1989	12:20	0.3	14.4	9	512
1989	11	33	6	2	236	41	9.79	73	52.202	10/31/1989	12:10	0.3	14	9.3	504
1989	11	34	6	2	233	41	10.662	73	53.922	10/31/1989	10:58	0.3	14.8	8.9	434
1989	11	34	6	2	234	41	10.19	73	53.93	10/31/1989	11:12	0.3	14.4	8.9	437
1989	11	34	6	2	235	41	10.632	73	52.59	10/31/1989	11:48	0.3	14.6	8.9	485
1989	11	35	6	2	231	41	11.23	73	53.69	10/31/1989	10:13	0.3	14.4	9	387
1989	11	35	6	2	232	41	11.172	73	53.996	10/31/1989	10:44	0.3	14.7	8.9	408
1989	11	35	6	2	274	41	11.17	73	53.71	10/31/1989	10:28	0.3	14.5	9	395
1989	11	35	6	2	275	41	11.31	73	53.54	10/31/1989	10:03	0.3	14.1	9.1	390
1989	11	36	6	2	228	41	12.25	73	53.5	10/31/1989	9:45	0.3	14.4	9.1	383
1989	11	38	4	2	221	41	13.43	73	57.79	10/30/1989	11:45	0.3	14.5	9.4	217
1989	11	38	4	2	222	41	12.979	73	57.867	10/30/1989	12:43	0.3	14.1	9.7	236
1989	11	38	4	2	223	41	12.89	73	57.806	10/30/1989	12:58	0.3	14.2	9.5	241
1989	11	38	4	2	278	41	12.96	73	57.828	10/30/1989	12:30	0.3	14.2	9.4	230
1989	11	38	4	2	279	41	13.36	73	57.82	10/30/1989	12:14	0.3	14.2	9.4	226
1989	11	38	4	2	280	41	13.4	73	57.81	10/30/1989	12:01	0.3	14.5	9.4	227
1989	11	40	6	4	211	41	14.88	73	57.6	10/31/1989	8:51	0.3	14.5	9	248
1989	11	40	6	2	213	41	14.64	73	57.15	10/31/1989	9:09	0.3	14.5	9.1	250
1989	11	41	6	2	208	41	15.72	73	50.84	10/30/1989	10:30	0.3	13.8	9.4	214
1989	11	42	4	2	206	41	16.412	73	58.1	10/31/1989	8:15	0.3	13.8	8.4	278
1989	11	42	6	2	205	41	16.413	73	56.551	10/30/1989	10:08	0.3	11.1	9.8	218
1989	11	48	4	4	197	41	20.86	73	58.08	10/31/1989	15:36	0.3	13.1	10.2	193
1989	11	49	4	4	196	41	21.16	73	57.74	10/31/1989	15:49	0.3	13.3	10.1	189
1989	11	53	4	2	192	41	24.19	73	57.95	11/2/1989	14:16	0.3	12.1	9.7	192
1989	11	53	6	2	191	41	24.882	73	57.554	11/2/1989	13:54	0.3	12.2	9.1	187

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1989	11	55	6	2	189	41	25.66	73	58.14	11/2/1989	13:44	0.3	12.1	9.1	187
1989	11	57	4	2	185	41	27.68	74	0.73	11/2/1989	13:16	0.3	11.9	10.1	224
1989	11	57	4	2	186	41	27.28	74	0.8	11/2/1989	13:23	0.3	11.9	9.9	226
1989	11	59	6	2	179	41	29.24	73	59.34	11/2/1989	12:30	0.3	11.9	9.6	291
1989	11	59	6	2	180	41	29.08	73	59.37	11/2/1989	12:44	0.3	11.9	9.6	295
1989	11	59	6	2	181	41	29.04	73	59.33	11/2/1989	12:55	0.3	11.8	9.4	292
1989	11	61	4	2	174	41	31.15	74	0.37	11/2/1989	12:06	0.3	11.8	9.2	200
1989	11	62	4	2	171	41	32.19	73	59.91	11/2/1989	11:58	0.3	11.9	9.4	205
1989	11	63	6	2	169	41	32.07	73	58.83	11/2/1989	11:32	0.3	11.2	9.3	208
1989	11	64	4	2	163	41	33.48	73	59.05	11/2/1989	11:15	0.3	12.5	9.6	192
1989	11	69	6	1	158	41	36.94	73	56.81	11/2/1989	10:10	0.3	11.3	10	188
1989	11	76	4	4	146	41	42.94	73	56.87	11/2/1989	9:50	0.3	11.1	10	189
1989	11	78	4	4	139	41	44.786	73	56.758	11/2/1989	9:26	0.3	11.1	9.9	189
1989	11	81	4	4	135	41	47.474	73	57.457	11/2/1989	9:15	0.3	11	10	184
1989	11	82	4	4	134	41	48.51	73	57.22	11/2/1989	9:04	0.3	11	9.8	181
1989	11	85	4	4	128					11/2/1989	8:46	0.3	11.1	10.3	182
1989	11	85	6	4	127	41	51.18	73	56.5	11/2/1989	8:33	0.3	10.9	10.2	184
1989	11	87	4	4	123	41	52.616	73	57.292	11/2/1989	8:16	0.3	11.3	9.7	169
1989	11	89	6	4	121	41	53.84	73	57.04	11/2/1989	7:57	0.3	10.8	10.8	168
1989	11	92	4	2	118	41	56.32	73	58.1	11/1/1989	16:32	0.3	11.9	10.7	173
1989	11	93	4	2	116	41	57.05	73	57.77	11/1/1989	16:12	0.3	11.9	10.7	163
1989	11	93	6	2	117	41	57.036	73	56.721	11/1/1989	16:22	0.3	11.8	10.8	167
1989	11	94	4	2	113	41	58.38	73	57.25	11/1/1989	16:03	0.3	11.9	10.8	172
1989	11	96	4	2	105	42	0.22	73	56.65	11/1/1989	15:44	0.3	12	10.4	165
1989	11	96	4	2	110	41	59.4	73	56.94	11/1/1989	15:54	0.3	11.8	10.3	164
1989	11	97	4	2	103	42	0.5	73	56.51	11/1/1989	15:36	0.3	11.9	10.8	183
1989	11	98	4	2	101	42	1.426	73	56.456	11/1/1989	15:26	0.3	12.9	10	182
1989	11	99	6	2	99	42	2.02	73	55.73	11/1/1989	15:13	0.3	13.5	10.2	191
1989	11	105	4	2	97	42	7.68	73	55.13	11/1/1989	14:40	0.3	13.8	10.6	187
1989	11	105	4	2	98	42	7.33	73	55.3	11/1/1989	14:50	0.3	13.9	10.4	179
1989	11	106	4	4	96	42	8.147	73	54.796	11/1/1989	14:30	0.3	13.6	10.4	187
1989	11	114	4	4	87	42	13.32	73	50.85	11/1/1989	13:59	0.3	13.5	10.6	182
1989	11	116	4	4	78					11/1/1989	13:41	0.3	13.6	10.4	179
1989	11	118	4	4	73	42	16.76	73	47.67	11/1/1989	13:28	0.3	13.5	10.1	175
1989	11	121	4	4	65	42	19.307	73	47.217	11/1/1989	13:06	0.3	12.1	10.1	167
1989	11	121	4	4	68	42	18.53	73	47.1	11/1/1989	13:16	0.3	13.1	10.2	179
1989	11	122	4	4	61	42	20.29	73	47.24	11/1/1989	12:43	0.3	12.3	10	166
1989	11	122	6	4	62	42	20.105	73	46.848	11/1/1989	12:55	0.3	12	10	170
1989	11	123	4	4	59					11/1/1989	12:32	0.3	12	10.2	162
1989	11	124	4	4	55	42	21.64	73	47.62	11/1/1989	12:12	0.3	12.2	10.1	165
1989	11	124	6	4	56	42	21.49	73	47.29	11/1/1989	12:22	0.3	12.1	10	166
1989	11	142	6	4	8	42	36.82	73	45.4	11/1/1989	11:15	0.3	11.8	10.7	164
1989	11	143	6	4	7	42	37.48	73	45.14	11/1/1989	11:03	0.3	11.9	10.3	165

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1989	11	145	6	4	4	42	39.51	73	44.09	11/1/1989	10:28	0.3	11.8	10.3	164
1989	11	145	6	4	5	42	39.19	73	44.41	11/1/1989	10:55	0.3	11.9	10.6	165
1989	11	148	6	4	3	42	41.41	73	42.584	11/1/1989	10:20	0.3	11.9	10.8	155
1989	11	149	6	4	2	42	42	73	42.07	11/1/1989	10:05	0.3	11.9	10.8	151
1989	11	151	4	4	1	42	44.51	73	41.196	11/1/1989	9:40	0.3	11.8	11.1	200
1990	1	14	4	4	265					6/19/1990	8:00	0.3	20	9.9	15200
1990	1	15	4	4	263	40	54.252	73	55.961	6/19/1990	8:57	0.3	19.9	10.8	15000
1990	1	21	6	4	257	40	59.13	73	53.13	6/19/1990	9:53	0.3	21	13.1	12500
1990	1	24	6	4	253	41	1.169	73	52.711	6/19/1990	10:26	0.3	22.5	11.9	11500
1990	1	25	4	4	250	41	2.86	73	55.07	6/19/1990	11:15	0.3	22.6	13.1	9900
1990	1	25	4	4	284	41	2.57	73	54.94	6/19/1990	10:51	0.3	22.5	13.2	9900
1990	1	26	4	2	271	41	3.77	73	55.22	6/19/1990	11:53	0.3	23.9	8.4	9500
1990	1	28	6	2	244	41	5.33	73	52.33	6/19/1990	15:23	0.3	23	9.1	8500
1990	1	30	4	2	241	41	7.14	73	54.77	6/19/1990	12:58	0.3	25	8.2	7700
1990	1	31	4	2	285	41	3.607	73	55.196	6/19/1990	13:31	0.3	23.9	8.3	6200
1990	1	32	4	2	239	41	8.81	73	54.6	6/19/1990	14:03	0.3	25.5	8.1	6200
1990	1	32	4	2	240	41	8.48	73	54.42	6/19/1990	13:41	0.3	24	8.5	6800
1990	1	32	6	2	237	41	9.274	73	52.181	6/19/1990	14:28	0.3	26.2	8.2	6500
1990	1	33	6	2	236	41	9.79	73	52.202	6/19/1990	14:48	0.3	26.1	8.2	5900
1990	1	34	6	2	233	41	10.662	73	53.922	6/19/1990	15:26	0.3	23.5	8.5	5200
1990	1	34	6	2	234	41	10.19	73	53.93	6/19/1990	15:09	0.3	23.2	8.5	5500
1990	1	34	6	2	274	41	11.17	73	53.71	6/19/1990	16:41	0.3	22	8.4	5500
1990	1	35	4	2	230	41	10.59	73	56.39	6/19/1990	18:31	0.3	22.8	8.7	5500
1990	1	35	4	2	277	41	10.95	73	57.06	6/19/1990	18:52	0.3	22.9	8.6	5800
1990	1	36	4	2	282	41	11.2	73	57.17	6/19/1990	19:12	0.3	22.9	8.7	5700
1990	1	38	6	3	220					6/19/1990	19:38	0.3	22.1	8.7	5200
1990	1	40	6	3	211	41	14.88	73	57.6	6/19/1990	19:58	0.3	22	8.7	4900
1990	1	43	6	3	202	41	17.12	73	55.98	6/19/1990	20:27	0.3	21.5	8.8	2500
1990	1	43	6	1	203	41	16.91	73	56.26	6/19/1990	20:50	0.3	21.1	8.8	4400
1990	1	52	6	4	194	41	24.12	73	56.81	6/20/1990	9:55	0.3	21	8.3	450
1990	1	53	6	4	190	41	24.961	73	57.702	6/20/1990	10:23	0.3	21.3	8.8	310
1990	1	53	6	4	191	41	24.882	73	57.554	6/20/1990	10:31	0.3	21.3	8.8	310
1990	1	58	4	4	183	41	28.02	74	0.87	6/20/1990	11:17	0.3	22.5	8.6	192
1990	1	58	4	4	184	41	27.78	74	0.7	6/20/1990	11:01	0.3	21.9	8.5	180
1990	1	59	6	4	180	41	29.08	73	59.37	6/20/1990	11:47	0.3	23	8.4	268
1990	1	62	4	4	171	41	32.19	73	59.91	6/20/1990	12:37	0.3	22.9	8.6	179
1990	1	62	4	4	173	41	31.59	74	0.28	6/20/1990	12:14	0.3	23	8.4	160
1990	1	63	6	4	169	41	32.07	73	58.83	6/20/1990	12:56	0.3	23	10.1	168
1990	1	69	6	4	157	41	36.97	73	56.85	6/20/1990	13:48	0.3	23	8.6	155
1990	1	69	6	4	158	41	36.94	73	56.81	6/20/1990	13:33	0.3	23	8.6	155
1990	1	71	4	4	154	41	38.88	73	57.23	6/20/1990	14:12	0.3	22	8.4	149
1990	1	72	4	4	151	41	40.04	73	57.11	6/20/1990	14:38	0.3	22.5	8.4	160
1990	1	74	4	4	147	41	41.29	73	56.8	6/20/1990	15:01	0.3	22.5	8.5	150

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1990	1	77	6	4	140	41	44.56	73	56.17	6/20/1990	15:51	0.3	22.1	8.6	150
1990	1	77	6	4	142	41	43.92	73	56.14	6/20/1990	15:28	0.3	23.5	8.5	159
1990	1	78	4	4	139	41	44.786	73	56.758	6/20/1990	16:32	0.3	22.6	8.6	155
1990	1	78	6	4	138	41	45.18	73	56.22	6/20/1990	16:58	0.3	22	8.6	155
1990	1	81	4	4	135	41	47.474	73	57.457	6/20/1990	17:31	0.3	22.9	8.6	179
1990	1	82	4	4	134	41	48.51	73	57.22	6/20/1990	17:54	0.3	22.9	8.6	160
1990	1	83	4	4	131	41	49.33	73	57.31	6/20/1990	18:10	0.3	22.5	8.3	165
1990	1	84	4	2	129	41	50.61	73	57.28	6/20/1990	18:30	0.3	23.1	8.6	162
1990	1	86	4	3	124	41	51.95	73	56.84	6/20/1990	17:40	0.3	22.1	8.7	165
1990	1	86	4	3	126	41	51.44	73	56.97	6/20/1990	18:00	0.3	21.5	8.6	161
1990	1	86	6	3	125	41	51.75	73	55.89	6/20/1990	16:38	0.3	22.7	10	152
1990	1	88	6	3	122	41	53.023	73	56.214	6/20/1990	16:10	0.3	22	8.1	163
1990	1	89	6	3	121	41	53.84	73	57.04	6/20/1990	15:40	0.3	21.9	8.7	113
1990	1	91	6	3	119	41	55.847	73	56.774	6/20/1990	15:20	0.3	23.1	8.6	128
1990	1	93	4	2	116	41	57.05	73	57.77	6/20/1990	14:32	0.3	23	9.2	172
1990	1	93	6	2	117	41	57.036	73	56.721	6/20/1990	14:50	0.3	21.5	8.7	165
1990	1	94	4	2	115	41	57.78	73	57.47	6/20/1990	14:13	0.3	22.2	8.8	187
1990	1	94	6	2	114	41	58.085	73	56.467	6/20/1990	13:57	0.3	23.1	8.9	180
1990	1	95	4	2	111	41	59.083	73	57.079	6/20/1990	13:41	0.3	22.6	8.5	180
1990	1	96	4	2	105	42	0.22	73	56.65	6/20/1990	12:05	0.3	23.1	9	195
1990	1	96	4	2	108	41	59.76	73	56.81	6/20/1990	12:19	0.3	23.5	8.7	190
1990	1	96	6	2	106	42	59.99	73	55.94	6/20/1990	12:49	0.3	22.5	8.6	193
1990	1	96	6	2	107	41	59.89	73	55.93	6/20/1990	13:05	0.3	23	9	187
1990	1	96	6	2	109	41	59.43	73	56.012	6/20/1990	13:22	0.3	22.9	9	192
1990	1	97	4	2	102	42	0.83	73	56.38	6/20/1990	11:31	0.3	22.9	9.4	196
1990	1	97	4	2	103	42	0.5	73	56.51	6/20/1990	11:47	0.3	23	9.1	195
1990	1	97	6	2	104	42	0.26	73	55.792	6/20/1990	12:36	0.3	23	9.1	189
1990	1	98	4	2	101	42	1.426	73	56.456	6/20/1990	11:15	0.3	21.5	8.3	192
1990	1	105	4	2	97	42	7.68	73	55.13	6/20/1990	10:22	0.3	21.9	9	203
1990	1	105	4	2	98	42	7.33	73	55.3	6/20/1990	10:37	0.3	22.5	9	205
1990	1	106	4	2	96	42	8.147	73	54.796	6/20/1990	10:03	0.3	22.5	8.4	208
1990	1	108	6	1	94	42	9.56	73	53.18	6/20/1990	9:42	0.3	22	8.8	205
1990	1	109	6	1	92	42	10.27	73	52.32	6/20/1990	9:21	0.3	21.5	8.2	215
1990	1	110	6	4	91	42	10.9	73	51.53	6/19/1990	14:52	0.3	23.8	10.1	150
1990	1	112	4	4	88	42	12.69	73	51.26	6/19/1990	14:27	0.3	23	9.1	187
1990	1	113	4	4	86	42	13.12	73	51.33	6/19/1990	14:10	0.3	22.1	8.6	205
1990	1	114	4	4	81	42	14.39	73	50.549	6/19/1990	13:10	0.3	23	9.5	240
1990	1	114	4	4	82	42	14.31	73	50.58	6/19/1990	13:34	0.3	22.8	9.1	230
1990	1	114	4	4	83	42	14.26	73	50.71	6/19/1990	13:49	0.3	22.3	8.6	215
1990	1	116	4	3	78					6/19/1990	12:48	0.3	23	9.3	250
1990	1	117	4	2	76	42	15.84	73	47.69	6/19/1990	12:27	0.3	21.5	8.6	235
1990	1	118	4	2	75	42	16.12	73	47.49	6/19/1990	12:10	0.3	21.6	8.4	250
1990	1	119	4	2	72	42	16.82	73	47.28	6/19/1990	11:10	0.3	22.1	7.9	235

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1990	1	119	6	2	69	42	17.29	73	46.78	6/19/1990	11:53	0.3	22.1	8.4	240
1990	1	122	4	2	63	42	19.84	73	47.18	6/19/1990	10:42	0.3	22	7.9	241
1990	1	122	6	2	62	42	20.105	73	46.848	6/19/1990	10:20	0.3	22	7.5	225
1990	1	123	4	2	59					6/19/1990	9:52	0.3	21.3	8.2	235
1990	1	124	4	4	55	42	21.64	73	47.62	6/18/1990	15:10	0.3	21.9	7	210
1990	1	124	4	2	58					6/19/1990	9:28	0.3	21	7.8	232
1990	1	124	6	4	57	42	21.28	73	47.32	6/18/1990	15:30	0.3	22	6.9	209
1990	1	125	4	4	51	42	22.87	73	47.8	6/18/1990	14:35	0.3	22	7.5	215
1990	1	126	4	3	48	42	23.65	73	47.38	6/18/1990	14:10	0.3	22	6.7	218
1990	1	129	6	3	40	42	25.67	73	46.67	6/18/1990	13:50	0.3	22	6.6	225
1990	1	131	4	2	35	42	27.8	73	47.1	6/18/1990	13:30	0.3	22.2	6.7	235
1990	1	132	4	2	30					6/18/1990	13:04	0.3	21.5	6.7	234
1990	1	133	4	2	29	42	29.09	73	47.273	6/18/1990	12:42	0.3	22	6.7	243
1990	1	137	6	2	24	42	32.262	73	45.288	6/18/1990	12:17	0.3	22.1	6.5	218
1990	1	139	6	2	14	42	34.34	73	45.02	6/18/1990	11:48	0.3	22.5	6.4	231
1990	1	140	4	2	13	42	34.59	73	45.25	6/18/1990	11:27	0.3	21.9	7.9	205
1990	1	141	4	2	9					6/18/1990	11:10	0.3	22.5	6.8	225
1990	1	148	6	2	3	42	41.41	73	42.584	6/18/1990	10:25	0.3	22	6.5	215
1990	1	149	6	2	2	42	42	73	42.07	6/18/1990	9:38	0.3	22	6.9	215
1990	2	15	4	4	263	40	54.252	73	55.961	7/2/1990	9:22	0.3	23.9	7.9	10900
1990	2	22	6	4	256	40	59.97	73	53.05	7/2/1990	10:39	0.3	24.5	7.9	9900
1990	2	23	6	4	255	41	0.74	73	52.83	7/2/1990	11:00	0.3	24.5	8.1	8900
1990	2	24	6	4	253	41	1.169	73	52.711	7/2/1990	11:27	0.3	24.9	7.9	9000
1990	2	25	4	4	250	41	2.86	73	55.07	7/2/1990	12:38	0.3	24.5	7.9	7900
1990	2	25	4	4	284	41	2.57	73	54.94	7/2/1990	12:16	0.3	24.1	8.1	7300
1990	2	26	4	4	283	41	8.34	73	54.4	7/2/1990	13:19	0.3	25	8.1	7500
1990	2	26	6	4	248	41	3.273	73	52.221	7/2/1990	11:52	0.3	24.8	8	8200
1990	2	27	4	4	245	41	4.19	73	55.21	7/2/1990	13:43	0.3	25.2	8.5	6900
1990	2	29	4	4	242	41	6.1	73	54.88	7/2/1990	14:20	0.3	25.2	8	6100
1990	2	31	4	4	285	41	3.607	73	55.196	7/2/1990	14:45	0.3	25.2	7.5	4900
1990	2	32	4	4	239	41	8.81	73	54.6	7/2/1990	15:05	0.3	25.5	7.9	4800
1990	2	32	6	4	237	41	9.274	73	52.181	7/2/1990	15:24	0.3	25.1	8.1	6100
1990	2	33	6	4	236	41	9.79	73	52.202	7/2/1990	15:39	0.3	25.9	7.9	5900
1990	2	34	6	4	233	41	10.662	73	53.922	7/2/1990	16:19	0.3	25.2	8.2	4900
1990	2	34	6	4	235	41	10.632	73	52.59	7/2/1990	15:57	0.3	26	7.9	6000
1990	2	35	6	4	231	41	11.23	73	53.69	7/2/1990	16:36	0.3	26.9	8.1	4500
1990	2	36	4	2	282	41	11.2	73	57.17	7/2/1990	17:00	0.3	25.2	8.1	4100
1990	2	37	4	2	224					7/2/1990	17:30	0.3	26.1	8.2	4100
1990	2	37	4	2	225	41	12.096	73	57.458	7/2/1990	17:16	0.3	25.5	8.2	4100
1990	2	38	4	2	221	41	13.43	73	57.79	7/2/1990	17:45	0.3	25.1	8.2	4000
1990	2	39	4	2	215	41	13.62	73	58.34	7/2/1990	18:02	0.3	26	8	4100
1990	2	39	6	2	217	41	14.098	73	56.682	7/2/1990	18:20	0.3	26	8.2	5000
1990	2	41	6	2	208	41	15.72	73	50.84	7/2/1990	18:45	0.3	25.9	7.9	2000

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1990	2	52	6	2	194	41	24.12	73	56.81	7/3/1990	9:15	0.3	23.5	7.9	550
1990	2	53	4	2	192	41	24.19	73	57.95	7/3/1990	8:58	0.3	20.5	9.1	370
1990	2	53	6	2	190	41	24.961	73	57.702	7/3/1990	8:43	0.3	23.5	7.9	235
1990	2	57	4	2	186	41	27.28	74	0.8	7/3/1990	8:22	0.3	23	8.2	215
1990	2	59	6	2	178	41	29.25	73	59.32	7/3/1990	7:49	0.3	22	7.9	250
1990	2	59	6	2	181	41	29.04	73	59.33	7/3/1990	8:04	0.3	22.1	7.9	230
1990	2	62	4	2	171	41	32.19	73	59.91	7/3/1990	9:54	0.3	24.9	8.2	180
1990	2	64	4	2	164	41	33.37	73	59.18	7/3/1990	10:08	0.3	25	8	275
1990	2	65	4	2	162	41	33.99	73	58.39	7/3/1990	10:26	0.3	24.9	8	180
1990	2	66	4	2	160	41	34.777	73	57.753	7/3/1990	10:44	0.3	24.9	8	178
1990	2	69	6	2	156	41	37.03	73	56.88	7/3/1990	11:00	0.3	24.1	7.9	179
1990	2	72	6	2	152	41	39.77	73	56.55	7/3/1990	11:20	0.3	24.9	7.9	180
1990	2	74	6	2	148	41	41.15	73	56.31	7/3/1990	11:58	0.3	24	7.6	180
1990	2	74	6	2	149	41	41.064	73	56.289	7/3/1990	11:39	0.3	24.5	7.9	185
1990	2	77	6	2	143	41	43.83	73	56.16	7/3/1990	12:19	0.3	25	7.8	190
1990	2	78	4	2	139	41	44.786	73	56.758	7/3/1990	12:37	0.3	25	7.4	190
1990	2	80	6	2	137	41	46.14	73	56.82	7/3/1990	12:56	0.3	25.1	7.8	190
1990	2	81	4	2	135	41	47.474	73	57.457	7/3/1990	13:17	0.3	25	7.8	195
1990	2	82	4	2	134	41	48.51	73	57.22	7/3/1990	13:35	0.3	25.5	7.9	200
1990	2	83	4	4	131	41	49.33	73	57.31	7/3/1990	13:54	0.3	25	8.4	200
1990	2	84	4	4	129	41	50.61	73	57.28	7/3/1990	14:10	0.3	25	7.9	210
1990	2	85	4	4	128					7/3/1990	14:30	0.3	27	7.9	210
1990	2	86	4	4	124	41	51.95	73	56.84	7/3/1990	15:09	0.3	27	8	205
1990	2	86	4	4	126	41	51.44	73	56.97	7/3/1990	14:52	0.3	27	8	205
1990	2	86	6	4	125	41	51.75	73	55.89	7/3/1990	15:46	0.3	26	7.9	205
1990	2	87	4	4	123	41	52.616	73	57.292	7/3/1990	15:27	0.3	27	7.9	210
1990	2	88	6	2	122	41	53.023	73	56.214	7/3/1990	21:30	0.3	24	9.2	
1990	2	89	6	2	121	41	53.84	73	57.04	7/3/1990	21:00	0.3	24	9.4	
1990	2	90	6	2	120	41	54.02	73	57.2	7/3/1990	20:45	0.3	24	9.5	
1990	2	93	6	2	117	41	57.036	73	56.721	7/3/1990	20:25	0.3	25	9.2	
1990	2	94	4	4	113	41	58.38	73	57.25	7/3/1990	19:35	0.3	23.5	11	
1990	2	94	4	4	115	41	57.78	73	57.47	7/3/1990	19:50	0.3	24	9.9	
1990	2	94	6	2	114	41	58.085	73	56.467	7/3/1990	20:00	0.3	24	9.6	
1990	2	95	4	4	111	41	59.083	73	57.079	7/3/1990	19:20	0.3	23.5	13	
1990	2	96	4	1	105	42	0.22	73	56.65	7/3/1990	18:20	0.3	24	9.6	
1990	2	96	4	1	108	41	59.76	73	56.81	7/3/1990	18:40	0.3	24	10.1	
1990	2	96	4	4	110	41	59.4	73	56.94	7/3/1990	18:55	0.3	24	10.1	
1990	2	96	6	4	106	42	59.99	73	55.94	7/3/1990	17:20	0.3	25	10.8	230
1990	2	96	6	4	107	41	59.89	73	55.93	7/3/1990	17:55	0.3	24	9.5	225
1990	2	96	6	4	109	41	59.43	73	56.012	7/3/1990	18:00	0.3	24.5	10	225
1990	2	97	6	4	104	42	0.26	73	55.792	7/3/1990	16:50	0.3	25	11	230
1990	2	98	4	4	100	42	1.67	73	56.54	7/3/1990	15:55	0.3	24	10.6	230
1990	2	98	4	4	101	42	1.426	73	56.456	7/3/1990	16:20	0.3	24	10.8	230

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1990	2	99	6	4	99	42	2.02	73	55.73	7/3/1990	15:30	0.3	25.5	11.3	225
1990	2	105	4	4	98	42	7.33	73	55.3	7/3/1990	14:55	0.3	25	11.8	225
1990	2	107	4	4	95	42	8.94	73	54.32	7/3/1990	14:00	0.3	28	11	240
1990	2	108	6	3	94	42	9.56	73	53.18	7/3/1990	13:35	0.3	24	11.4	240
1990	2	109	6	2	92	42	10.27	73	52.32	7/3/1990	13:00	0.3	23.5	12	260
1990	2	109	6	3	93	42	9.91	73	52.81	7/3/1990	13:20	0.3	24	11.9	250
1990	2	110	6	2	90	42	11.04	73	51.38	7/3/1990	12:40	0.3	24	11.9	260
1990	2	111	6	1	89					7/3/1990	12:15	0.3	24	12.1	255
1990	2	112	4	2	88	42	12.69	73	51.26	7/3/1990	11:40	0.3	24	10.6	225
1990	2	114	4	2	81	42	14.39	73	50.549	7/3/1990	10:45	0.3	24	10.3	220
1990	2	114	4	2	83	42	14.26	73	50.71	7/3/1990	11:15	0.3	23.5	10.6	230
1990	2	115	6	2	79	42	14.8	73	49	7/3/1990	10:10	0.3	24	10	220
1990	2	119	4	4	70	42	17.317	73	47.373	7/2/1990	17:30	0.3	23.5	11.8	230
1990	2	119	4	4	72	42	16.82	73	47.28	7/2/1990	17:50	0.3	23	8.2	230
1990	2	121	4	4	68	42	18.53	73	47.1	7/2/1990	17:00	0.3	23.5	8.8	235
1990	2	121	6	4	66	42	19.33	73	46.85	7/2/1990	16:45	0.3	23	8.3	235
1990	2	122	4	4	63	42	19.84	73	47.18	7/2/1990	16:30	0.3	23.5	9	240
1990	2	123	4	3	59					7/2/1990	16:00	0.3	23.5	8.6	240
1990	2	123	4	3	60	42	20.64	73	47.39	7/2/1990	16:15	0.3	23.5	8.6	240
1990	2	124	6	3	57	42	21.28	73	47.32	7/2/1990	15:45	0.3	23	7.4	240
1990	2	125	6	3	54	42	22.034	73	47.302	7/2/1990	15:25	0.3	23.5	7.4	240
1990	2	126	4	2	48	42	23.65	73	47.38	7/2/1990	14:45	0.3	24	7.4	250
1990	2	126	4	2	50	42	23.21	73	47.62	7/2/1990	15:05	0.3	23	7	240
1990	2	127	6	2	47	42	23.853	73	46.901	7/2/1990	14:25	0.3	23	7.6	240
1990	2	128	6	2	43	42	25.02	73	46.62	7/2/1990	14:05	0.3	24	7.3	250
1990	2	129	6	2	40	42	25.67	73	46.67	7/2/1990	13:45	0.3	23.5	6.5	255
1990	2	133	4	2	29	42	29.09	73	47.273	7/2/1990	12:55	0.3	24	6.7	245
1990	2	135	4	2	25	42	31.16	73	46.06	7/2/1990	12:30	0.3	23	6.6	230
1990	2	137	6	2	24	42	32.262	73	45.288	7/2/1990	12:05	0.3	22	6.5	225
1990	2	139	4	2	18	42	34.14	73	45.24	7/2/1990	11:30	0.3	22	6.9	220
1990	2	139	4	2	19	42	34.03	73	45.26	7/2/1990	10:55	0.3	23	7.2	215
1990	2	140	4	4	10					7/2/1990	10:25	0.3	22	7.2	220
1990	2	145	6	4	5	42	39.19	73	44.41	7/2/1990	9:45	0.3	22	7.4	210
1990	3	14	4	2	265					7/18/1990	14:49	0.3	26.1	7.4	16900
1990	3	15	4	2	263	40	54.252	73	55.961	7/18/1990	14:38	0.3	26.5	7.2	14900
1990	3	22	6	4	256	40	59.97	73	53.05	7/18/1990	14:02	0.3	27.5	8	13500
1990	3	24	6	4	252	41	2.057	73	52.505	7/18/1990	13:23	0.3	27.2	8	11500
1990	3	24	6	4	253	41	1.169	73	52.711	7/18/1990	13:38	0.3	29	7.2	13300
1990	3	25	4	4	250	41	2.86	73	55.07	7/18/1990	12:23	0.3	28.1	9.9	11000
1990	3	25	4	4	270	41	2.783	73	55.05	7/18/1990	12:55	0.3	30	12.2	10900
1990	3	25	6	2	251	41	2.46	73	52.42	7/18/1990	15:25	0.3	27.5	7.6	12100
1990	3	26	4	4	271	41	3.77	73	55.22	7/18/1990	11:58	0.3	28	8.2	11600
1990	3	26	6	2	249	41	2.67	73	52.3	7/18/1990	15:40	0.3	27.1	7.6	12800

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1990	3	27	4	4	272	41	4.49	73	55.14	7/18/1990	11:33	0.3	27.9	12	11000
1990	3	31	4	4	285	41	3.607	73	55.196	7/18/1990	11:04	0.3	27.1	7.8	8900
1990	3	32	4	4	239	41	8.81	73	54.6	7/18/1990	10:48	0.3	27.1	7.2	9000
1990	3	32	6	2	238	41	8.85	73	52.123	7/18/1990	16:07	0.3	29	10.2	9300
1990	3	35	4	4	229	41	10.59	73	56.41	7/18/1990	10:23	0.3	27	7.4	7100
1990	3	35	4	4	277	41	10.95	73	57.06	7/18/1990	10:01	0.3	26.9	7.8	7600
1990	3	35	6	2	231	41	11.23	73	53.69	7/18/1990	16:35	0.3	31.2	12.2	8900
1990	3	35	6	2	275	41	11.31	73	53.54	7/18/1990	16:45	0.3	31.2	12.2	8900
1990	3	36	4	4	282	41	11.2	73	57.17	7/18/1990	9:48	0.3	26.9	7.2	7600
1990	3	36	6	2	276	41	12.17	73	53.51	7/18/1990	17:04	0.3	30.1	10.1	8300
1990	3	37	4	4	225	41	12.096	73	57.458	7/18/1990	9:32	0.3	26.4	7.2	6200
1990	3	39	4	3	215	41	13.62	73	58.34	7/18/1990	9:14	0.3	25.9	6.7	5900
1990	3	41	6	3	208	41	15.72	73	50.84	7/18/1990	8:54	0.3	25.6	6.2	5400
1990	3	46	6	2	199	41	19.42	73	58.77	7/18/1990	8:33	0.3	24	7.4	2650
1990	3	51	6	2	195	41	22.87	73	50.61	7/17/1990	8:50	0.3	24.5	6.1	1395
1990	3	52	6	2	193	41	24.12	73	57.31	7/17/1990	8:21	0.3	25	5.6	1600
1990	3	55	6	2	189	41	25.66	73	58.14	7/17/1990	7:49	0.3	20.5	5.8	1050
1990	3	57	4	2	185	41	27.68	74	0.73	7/17/1990	7:24	0.3	19.2	6.4	430
1990	3	59	6	2	180	41	29.08	73	59.37	7/17/1990	7:04	0.3	23	6.4	445
1990	3	61	4	4	174	41	31.15	74	0.37	7/17/1990	9:32	0.3	26.5	6.6	260
1990	3	62	4	4	171	41	32.19	73	59.91	7/17/1990	9:55	0.3	26	6.9	250
1990	3	63	4	4	166					7/17/1990	10:23	0.3	25.9	6.6	260
1990	3	63	6	4	167	41	32.41	73	58.61	7/17/1990	10:47	0.3	25.5	6.8	285
1990	3	65	4	4	162	41	33.99	73	58.39	7/17/1990	11:05	0.3	25.5	6.6	210
1990	3	69	4	4	155	41	37.44	73	57.43	7/17/1990	11:47	0.3	25.1	7	215
1990	3	73	6	4	150	41	40.28	73	56.49	7/17/1990	12:21	0.3	27.1	6.6	220
1990	3	74	4	4	147	41	41.29	73	56.8	7/17/1990	12:46	0.3	25.5	6.8	210
1990	3	76	4	4	144					7/17/1990	13:23	0.3	25	5.1	230
1990	3	77	6	2	140	41	44.56	73	56.17	7/17/1990	18:51	0.3	24.5	6.4	228
1990	3	77	6	4	141	41	44.46	73	56.21	7/17/1990	14:13	0.3	25	6.8	225
1990	3	77	6	4	142	41	43.92	73	56.14	7/17/1990	13:48	0.3	25	6.4	225
1990	3	78	4	4	139	41	44.786	73	56.758	7/17/1990	14:45	0.3	26.9	7.4	230
1990	3	80	6	2	137	41	46.14	73	56.82	7/17/1990	15:13	0.3	26	7.4	230
1990	3	82	4	2	134	41	48.51	73	57.22	7/17/1990	15:47	0.3	25.5	7.4	235
1990	3	83	4	2	131	41	49.33	73	57.31	7/17/1990	16:13	0.3	25.5	7.4	239
1990	3	85	6	2	127	41	51.18	73	56.5	7/17/1990	16:38	0.3	24.5	7.6	240
1990	3	86	4	2	124	41	51.95	73	56.84	7/17/1990	17:41	0.3	28.8	10.1	250
1990	3	86	4	2	126	41	51.44	73	56.97	7/17/1990	17:21	0.3	27.4	9.8	250
1990	3	86	6	2	125	41	51.75	73	55.89	7/17/1990	17:01	0.3	25	7.8	243
1990	3	88	6	2	122	41	53.023	73	56.214	7/17/1990	18:09	0.3	27.8	7.6	269
1990	3	89	4	2	121	41	53.84	73	57.04	7/19/1990	12:00	0.3	24.8	6.3	259
1990	3	90	4	2	120	41	54.02	73	57.2	7/19/1990	12:27	0.3	25.4	6.9	259
1990	3	92	4	2	118	41	56.32	73	58.1	7/19/1990	7:49	0.3	23.9	6.3	269

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1990	3	93	6	2	117	41	57.036	73	56.721	7/19/1990	11:22	0.3	24.9	6.6	259
1990	3	94	4	2	115	41	57.78	73	57.47	7/19/1990	8:16	0.3	24.1	6.5	262
1990	3	94	6	2	114	41	58.085	73	56.467	7/19/1990	10:56	0.3	24.8	7	262
1990	3	95	4	2	111	41	59.083	73	57.079	7/19/1990	8:32	0.3	24.4	6.9	256
1990	3	95	6	4	112	41	58.238	73	56.123	7/18/1990	17:13	0.3	25	7.1	261
1990	3	96	4	2	105	42	0.22	73	56.65	7/19/1990	9:19	0.3	24.6	6.9	267
1990	3	96	4	2	108	41	59.76	73	56.81	7/19/1990	8:58	0.3	24.4	6.9	266
1990	3	96	4	2	110	41	59.4	73	56.94	7/19/1990	8:48	0.3	24.4	6.6	266
1990	3	96	6	2	106	42	59.99	73	55.94	7/19/1990	9:59	0.3	24.5	6.9	266
1990	3	96	6	2	107	41	59.89	73	55.93	7/19/1990	10:19	0.3	24.5	7.1	264
1990	3	96	6	2	109	41	59.43	73	56.012	7/19/1990	10:36	0.3	24.5	7.3	264
1990	3	97	4	4	102	42	0.83	73	56.38	7/18/1990	16:35	0.3	25.1	7.3	265
1990	3	97	4	2	103	42	0.5	73	56.51	7/19/1990	9:35	0.3	24.6	7.1	266
1990	3	98	4	4	100	42	1.67	73	56.54	7/18/1990	16:08	0.3	25.4	7.4	265
1990	3	105	4	4	98	42	7.33	73	55.3	7/18/1990	15:31	0.3	25.2	7.6	275
1990	3	106	4	4	96	42	8.147	73	54.796	7/18/1990	15:12	0.3	25.5	7.9	277
1990	3	108	6	4	94	42	9.56	73	53.18	7/18/1990	14:50	0.3	25.2	8	275
1990	3	109	6	4	92	42	10.27	73	52.32	7/18/1990	14:18	0.3	26.4	9.4	277
1990	3	109	6	4	93	42	9.91	73	52.81	7/18/1990	14:36	0.3	26.9	9	279
1990	3	110	6	4	90	42	11.04	73	51.38	7/18/1990	13:52	0.3	27.1	8.8	276
1990	3	111	6	4	89					7/18/1990	13:34	0.3	25.7	7.9	277
1990	3	114	4	2	82	42	14.31	73	50.58	7/18/1990	12:12	0.3	25.5	7	275
1990	3	114	4	3	83	42	14.26	73	50.71	7/18/1990	12:40	0.3	25.4	7.2	275
1990	3	115	6	2	79	42	14.8	73	49	7/18/1990	11:55	0.3	25.4	7.4	274
1990	3	116	6	2	77	42	15.02	73	48.31	7/18/1990	11:04	0.3	25.5	7.4	277
1990	3	117	4	2	76	42	15.84	73	47.69	7/18/1990	10:36	0.3	25.4	7.6	269
1990	3	118	4	2	74	42	16.42	73	47.92	7/18/1990	10:23	0.3	25.6	7.3	269
1990	3	118	4	2	75	42	16.12	73	47.49	7/18/1990	11:31	0.3	25.5	7.6	269
1990	3	119	4	2	72	42	16.82	73	47.28	7/18/1990	10:00	0.3	25.4	7.4	268
1990	3	122	4	2	61	42	20.29	73	47.24	7/18/1990	9:00	0.3	25.2	7.4	266
1990	3	122	4	2	63	42	19.84	73	47.18	7/18/1990	9:35	0.3	25.4	7.4	263
1990	3	122	6	4	62	42	20.105	73	46.848	7/17/1990	16:10	0.3	25.9	8.5	246
1990	3	122	6	2	64	42	19.9	73	46.8	7/18/1990	9:17	0.3	25.2	6.6	266
1990	3	123	4	4	59					7/17/1990	15:55	0.3	25.7	9.1	237
1990	3	124	4	4	55	42	21.64	73	47.62	7/17/1990	15:30	0.3	25.4	8	253
1990	3	125	6	4	52	42	22.39	73	47.45	7/17/1990	15:00	0.3	25.7	8.6	248
1990	3	126	4	4	48	42	23.65	73	47.38	7/17/1990	14:35	0.3	25.6	8.3	246
1990	3	129	6	3	42	42	25.226	73	46.523	7/17/1990	14:08	0.3	25.8	8.4	245
1990	3	132	4	3	32	42	28.13	73	47.21	7/17/1990	13:40	0.3	25.3	6.3	253
1990	3	133	4	3	29	42	29.09	73	47.273	7/17/1990	13:18	0.3	25.1	5.9	249
1990	3	139	4	2	15	42	34.32	73	45.25	7/17/1990	12:05	0.3	25.8	6	241
1990	3	139	4	2	18	42	34.14	73	45.24	7/17/1990	12:30	0.3	25.5	6	247
1990	3	140	4	2	10					7/17/1990	11:25	0.3	25.4	6.2	248

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1990	3	140	4	2	13	42	34.59	73	45.25	7/17/1990	11:50	0.3	25.8	5.2	241
1990	3	141	4	2	9					7/17/1990	11:02	0.3	25.8	5.7	251
1990	3	142	6	2	8	42	36.82	73	45.4	7/17/1990	10:43	0.3	25.2	6.4	248
1990	3	149	6	2	2	42	42	73	42.07	7/17/1990	9:50	0.3	25.1	6.3	217
1990	4	12	4	2	268					7/31/1990	13:31	0.3	28.9	10.2	13900
1990	4	14	4	2	265					7/31/1990	12:57	0.3	29	9.4	12800
1990	4	14	4	2	266	40	52.925	73	56.648	7/31/1990	13:13	0.3	26.2	12.2	12100
1990	4	23	6	4	254	41	1.086	73	52.681	7/31/1990	12:05	0.3	28.9	9.1	10700
1990	4	23	6	4	255	41	0.74	73	52.83	7/31/1990	12:20	0.3	28.9	9.4	11000
1990	4	24	6	4	252	41	2.057	73	52.505	7/31/1990	11:31	0.3	28.7	9.8	10300
1990	4	24	6	4	253	41	1.169	73	52.711	7/31/1990	11:49	0.3	28.9	9.4	10200
1990	4	25	4	4	250	41	2.86	73	55.07	7/31/1990	10:00	0.3	27.4	10.2	9800
1990	4	25	4	4	270	41	2.783	73	55.05	7/31/1990	10:20	0.3	27.9	10.1	9900
1990	4	25	4	4	284	41	2.57	73	54.94	7/31/1990	10:50	0.3	29	9.4	10500
1990	4	25	6	4	251	41	2.46	73	52.42	7/31/1990	11:15	0.3	28.1	10	9200
1990	4	26	4	4	246	41	3.6	73	55.2	7/31/1990	9:26	0.3	27.1	9.2	9600
1990	4	26	4	4	271	41	3.77	73	55.22	7/31/1990	9:10	0.3	27.5	8.6	9200
1990	4	26	4	4	283	41	8.34	73	54.4	7/31/1990	9:42	0.3	27.5	9.1	9800
1990	4	26	6	2	247	41	3.891	73	52.077	7/31/1990	14:56	0.3	29.1	10.2	10100
1990	4	26	6	2	248	41	3.273	73	52.221	7/31/1990	14:44	0.3	30.5	10.2	8100
1990	4	26	6	2	249	41	2.67	73	52.3	7/31/1990	14:31	0.3	30.5	10.2	8100
1990	4	27	4	4	245	41	4.19	73	55.21	7/31/1990	8:55	0.3	26.9	10	9500
1990	4	27	4	4	272	41	4.49	73	55.14	7/31/1990	8:37	0.3	27	9.4	9500
1990	4	28	6	2	244	41	5.33	73	52.33	7/31/1990	15:17	0.3	28.9	9.1	8900
1990	4	29	4	4	242	41	6.1	73	54.88	8/1/1990	14:15	0.3	27	7.9	8100
1990	4	30	4	4	241	41	7.14	73	54.77	8/1/1990	13:45	0.3	28.8	8	8900
1990	4	31	4	4	285	41	3.607	73	55.196	8/1/1990	13:25	0.3	29	8.1	8000
1990	4	32	4	4	239	41	8.81	73	54.6	8/1/1990	12:45	0.3	27.5	8.5	8100
1990	4	32	4	4	240	41	8.48	73	54.42	8/1/1990	13:10	0.3	29	8	8000
1990	4	32	6	4	238	41	8.85	73	52.123	8/1/1990	14:55	0.3	27.9	7.6	8800
1990	4	32	6	4	269	41	9.445	73	52.243	8/1/1990	15:15	0.3	27	7.8	9100
1990	4	33	6	4	236	41	9.79	73	52.202	8/1/1990	15:45	0.3	27.5	7.5	8900
1990	4	34	6	2	233	41	10.662	73	53.922	8/1/1990	16:25	0.3	28	8.3	7500
1990	4	34	6	2	234	41	10.19	73	53.93	8/1/1990	16:10	0.3	27.5	7.9	8000
1990	4	34	6	4	274	41	11.17	73	53.71	8/2/1990	10:12	0.3	26	9	7200
1990	4	35	6	4	231	41	11.23	73	53.69	8/2/1990	10:28	0.3	26.5	8.7	8000
1990	4	35	6	4	232	41	11.172	73	53.996	8/2/1990	9:49	0.3	26.5	8.4	8100
1990	4	36	4	4	226	41	11.8	73	57.5	8/1/1990	11:50	0.3	27	8	7900
1990	4	36	4	4	282	41	11.2	73	57.17	8/1/1990	12:10	0.3	28.5	8.1	7200
1990	4	36	6	4	276	41	12.17	73	53.51	8/2/1990	10:50	0.3	27	8.6	7000
1990	4	37	4	4	224					8/1/1990	10:55	0.3	26	8.4	5900
1990	4	37	4	4	225	41	12.096	73	57.458	8/1/1990	11:20	0.3	27	8	8000
1990	4	38	4	4	222	41	12.979	73	57.867	8/1/1990	9:48	0.3	27.5	6.8	7000

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1990	4	38	4	4	223	41	12.89	73	57.806	8/1/1990	10:20	0.3	27.5	8.4	7000
1990	4	38	4	4	278	41	12.96	73	57.828	8/1/1990	10:03	0.3	27.5	8.4	7000
1990	4	38	4	4	279	41	13.36	73	57.82	8/1/1990	9:20	0.3	27	7.1	7250
1990	4	38	6	4	220					8/2/1990	11:18	0.3	27.5	7.8	8000
1990	4	39	6	4	218	41	14.02	73	56.4	8/2/1990	12:03	0.3	28.5	9.5	8500
1990	4	39	6	4	219					8/2/1990	11:41	0.3	28.8	8.6	8200
1990	4	40	6	4	210	41	14.87	73	57.74	8/2/1990	12:54	0.3	27	6	9700
1990	4	40	6	4	211	41	14.88	73	57.6	8/2/1990	12:34	0.3	28.7	6.9	8700
1990	4	43	6	4	202	41	17.12	73	55.98	8/2/1990	13:32	0.3	28	10	4700
1990	4	48	4	4	197	41	20.86	73	58.08	8/2/1990	14:08	0.3	30	8.4	4000
1990	4	52	6	4	193	41	24.12	73	57.31	8/2/1990	15:09	0.3	25	9	3000
1990	4	52	6	4	194	41	24.12	73	56.81	8/2/1990	14:42	0.3	25	9.1	3000
1990	4	53	6	4	190	41	24.961	73	57.702	8/2/1990	15:51	0.3	28.5	8	200
1990	4	53	6	4	191	41	24.882	73	57.554	8/2/1990	15:37	0.3	29	7.8	200
1990	4	57	4	2	186	41	27.28	74	0.8	8/3/1990	11:55	0.3	27.8	7.7	574
1990	4	58	4	2	184	41	27.78	74	0.7	8/3/1990	11:40	0.3	28.4	9.2	650
1990	4	58	6	2	182	41	28.2	73	59.12	8/3/1990	11:20	0.3	26.7	8.6	1194
1990	4	59	6	2	178	41	29.25	73	59.32	8/3/1990	10:30	0.3	26.8	7.6	454
1990	4	59	6	2	180	41	29.08	73	59.37	8/3/1990	10:41	0.3	26	7.5	510
1990	4	59	6	2	181	41	29.04	73	59.33	8/3/1990	11:00	0.3	26.2	7.8	485
1990	4	62	6	2	172	41	31.54	73	58.97	8/3/1990	10:07	0.3	27.5	7.6	264
1990	4	63	6	2	168	41	32.3	73	58.633	8/3/1990	9:45	0.3	26	7.4	274
1990	4	69	6	4	158	41	36.94	73	56.81	8/2/1990	16:30	0.3	28.7	10	268
1990	4	71	4	4	153	41	39.06	73	57.257	8/2/1990	16:11	0.3	26.6	8.2	268
1990	4	72	4	4	151	41	40.04	73	57.11	8/2/1990	15:55	0.3	26.8	8.2	268
1990	4	77	6	4	140	41	44.56	73	56.17	8/2/1990	15:14	0.3	26.9	8.2	262
1990	4	77	6	4	142	41	43.92	73	56.14	8/2/1990	15:26	0.3	26.8	7.9	263
1990	4	78	6	4	138	41	45.18	73	56.22	8/2/1990	15:02	0.3	27	8.4	263
1990	4	80	6	3	137	41	46.14	73	56.82	8/2/1990	14:47	0.3	27.8	8.9	263
1990	4	84	6	3	130	41	50.19	73	56.63	8/2/1990	14:26	0.3	28.6	10.5	242
1990	4	86	4	2	124	41	51.95	73	56.84	8/2/1990	14:02	0.3	27.7	12.8	237
1990	4	89	6	2	121	41	53.84	73	57.04	8/2/1990	13:42	0.3	27.5	10.3	268
1990	4	91	6	2	119	41	55.847	73	56.774	8/2/1990	12:07	0.3	27.2	10.7	258
1990	4	92	4	2	118	41	56.32	73	58.1	8/2/1990	11:47	0.3	26.9	11.6	268
1990	4	93	4	2	116	41	57.05	73	57.77	8/2/1990	11:31	0.3	27.1	11.4	267
1990	4	94	4	2	115	41	57.78	73	57.47	8/2/1990	11:14	0.3	27	10.5	265
1990	4	94	6	2	114	41	58.085	73	56.467	8/2/1990	10:51	0.3	26.6	11.4	267
1990	4	95	4	2	111	41	59.083	73	57.079	8/1/1990	8:30	0.3	26.4	9.2	263
1990	4	96	6	2	109	41	59.43	73	56.012	8/2/1990	10:40	0.3	26.1	11.2	243
1990	4	97	4	2	103	42	0.5	73	56.51	8/1/1990	8:55	0.3	26	8.6	268
1990	4	99	6	2	99	42	2.02	73	55.73	8/2/1990	10:16	0.3	26.2	10.3	236
1990	4	105	4	1	97	42	7.68	73	55.13	8/2/1990	9:23	0.3	26.3	10.2	233
1990	4	105	4	2	98	42	7.33	73	55.3	8/2/1990	9:45	0.3	26.4	9.6	234

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1990	4	106	4	1	96	42	8.147	73	54.796	8/2/1990	9:10	0.3	26.4	9	236
1990	4	107	4	1	95	42	8.94	73	54.32	8/2/1990	8:50	0.3	26.4	8.8	265
1990	4	112	4	4	88	42	12.69	73	51.26	7/31/1990	15:04	0.3	28.4	7.8	238
1990	4	114	4	4	82	42	14.31	73	50.58	7/31/1990	14:23	0.3	28.2	7.5	234
1990	4	114	4	4	83	42	14.26	73	50.71	7/31/1990	14:45	0.3	28.2	7.3	229
1990	4	119	6	4	71	42	17.16	73	46.8	7/31/1990	13:56	0.3	28.4	7.5	221
1990	4	121	6	4	66	42	19.33	73	46.85	7/31/1990	13:36	0.3	28.1	7.6	225
1990	4	122	6	4	62	42	20.105	73	46.848	7/31/1990	13:15	0.3	28.4	7.7	223
1990	4	124	4	3	55	42	21.64	73	47.62	7/31/1990	12:18	0.3	28.5	8.3	220
1990	4	124	4	3	58					7/31/1990	12:55	0.3	28.4	8.4	221
1990	4	124	6	3	57	42	21.28	73	47.32	7/31/1990	12:40	0.3	28.3	8.2	222
1990	4	127	6	2	47	42	23.853	73	46.901	7/31/1990	11:55	0.3	28	8.2	220
1990	4	129	6	2	38	42	26.05	73	46.82	7/31/1990	11:31	0.3	27.9	7.3	218
1990	4	132	4	2	32	42	28.13	73	47.21	7/31/1990	11:10	0.3	27.9	6.3	223
1990	4	134	4	2	28	42	30.027	73	46.913	7/31/1990	10:51	0.3	28.1	6.3	218
1990	4	137	6	2	24	42	32.262	73	45.288	7/31/1990	10:30	0.3	27.9	5.7	219
1990	4	139	4	2	18	42	34.14	73	45.24	7/31/1990	10:01	0.3	28.1	5.8	218
1990	4	140	6	2	11					7/31/1990	9:18	0.3	27.7	5.4	219
1990	5	14	4	2	265					8/15/1990	14:16	0.3	28	7.4	10000
1990	5	14	4	2	266	40	52.925	73	56.648	8/15/1990	14:28	0.3	29	7	9900
1990	5	18	6	2	261	40	56.27	73	54.17	8/15/1990	13:45	0.3	26	7.1	7200
1990	5	22	6	3	256	40	59.97	73	53.05	8/15/1990	13:08	0.3	27	7.3	7300
1990	5	23	6	4	254	41	1.086	73	52.681	8/15/1990	12:44	0.3	27.6	7.4	7100
1990	5	24	6	4	252	41	2.057	73	52.505	8/15/1990	12:10	0.3	28.2	6.8	7100
1990	5	24	6	4	253	41	1.169	73	52.711	8/15/1990	12:26	0.3	27.1	7.2	7100
1990	5	25	4	2	250	41	2.86	73	55.07	8/15/1990	16:00	0.3	28.9	11	6900
1990	5	25	4	2	270	41	2.783	73	55.05	8/15/1990	15:34	0.3	30	10.8	8100
1990	5	25	4	2	284	41	2.57	73	54.94	8/15/1990	15:18	0.3	29.9	13.4	8100
1990	5	25	6	4	251	41	2.46	73	52.42	8/15/1990	11:40	0.3	27	6.8	6500
1990	5	26	4	2	246	41	3.6	73	55.2	8/15/1990	16:43	0.3	29.1	10.4	7800
1990	5	26	4	2	271	41	3.77	73	55.22	8/15/1990	17:06	0.3	29.1	10.1	6500
1990	5	26	4	2	283	41	8.34	73	54.4	8/15/1990	16:21	0.3	29.1	9.8	8000
1990	5	26	6	4	247	41	3.891	73	52.077	8/15/1990	10:30	0.3	26.8	6.8	6900
1990	5	26	6	4	248	41	3.273	73	52.221	8/15/1990	10:52	0.3	25.9	6.8	6900
1990	5	26	6	4	249	41	2.67	73	52.3	8/15/1990	11:21	0.3	26.5	6.6	6500
1990	5	27	4	4	245	41	4.19	73	55.21	8/16/1990	8:29	0.3	27.1	7.6	7000
1990	5	27	4	4	272	41	4.49	73	55.14	8/16/1990	8:48	0.3	25	7.6	6700
1990	5	28	6	4	243	41	5.683	73	52.214	8/15/1990	9:37	0.3	25.3	6.8	5900
1990	5	28	6	4	244	41	5.33	73	52.33	8/15/1990	10:10	0.3	25.3	6.7	5900
1990	5	29	4	2	242	41	6.1	73	54.88	8/15/1990	17:42	0.3	29	10	6300
1990	5	30	4	4	241	41	7.14	73	54.77	8/16/1990	9:19	0.3	24.2	7.1	5100
1990	5	31	4	4	285	41	3.607	73	55.196	8/16/1990	9:43	0.3	28.5	6.8	4900
1990	5	32	4	4	239	41	8.81	73	54.6	8/16/1990	10:18	0.3	28.9	6.8	4100

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1990	5	32	4	4	240	41	8.48	73	54.42	8/16/1990	10:01	0.3	28.5	6.8	4900
1990	5	32	6	4	237	41	9.274	73	52.181	8/15/1990	9:02	0.3	21.6	6.4	4500
1990	5	32	6	4	238	41	8.85	73	52.123	8/15/1990	9:21	0.3	26.5	6.4	4650
1990	5	33	6	4	236	41	9.79	73	52.202	8/15/1990	8:34	0.3	25.3	6.8	4100
1990	5	34	6	4	234	41	10.19	73	53.93	8/16/1990	10:40	0.3	28.7	7.2	3000
1990	5	35	4	2	230	41	10.59	73	56.39	8/16/1990	12:50	0.3	31	7.4	2800
1990	5	35	6	4	232	41	11.172	73	53.996	8/16/1990	11:04	0.3	29.9	8.8	3200
1990	5	35	6	4	275	41	11.31	73	53.54	8/16/1990	11:30	0.3	30.8	8.6	3700
1990	5	36	4	2	226	41	11.8	73	57.5	8/16/1990	13:56	0.3	29.9	6.2	2100
1990	5	36	4	2	227	41	11.02	73	57.41	8/16/1990	13:07	0.3	30.2	12.8	2600
1990	5	36	4	2	281	41	11.13	73	57.16	8/16/1990	13:27	0.3	31.6	8.4	2700
1990	5	36	6	2	228	41	12.25	73	53.5	8/16/1990	12:15	0.3	31.1	8.6	3200
1990	5	36	6	2	276	41	12.17	73	53.51	8/16/1990	12:27	0.3	31	8.6	3300
1990	5	37	4	2	225	41	12.096	73	57.458	8/16/1990	14:06	0.3	31	6.4	2000
1990	5	38	4	2	223	41	12.89	73	57.806	8/16/1990	14:25	0.3	28.1	7.9	2000
1990	5	38	6	2	222	41	12.979	73	57.867	8/16/1990	15:00	0.3	28.2	7.9	2000
1990	5	38	6	2	278	41	12.96	73	57.828	8/16/1990	14:39	0.3	28.2	8	2000
1990	5	38	6	2	280	41	13.4	73	57.81	8/16/1990	15:16	0.3	28.2	7.9	2000
1990	5	39	4	2	216	41	13.48	73	57.84	8/16/1990	15:30	0.3	30.5	6	1200
1990	5	41	6	2	208	41	15.72	73	50.84	8/17/1990	9:55	0.3	27.9	6.8	1100
1990	5	42	6	2	207	41	15.3	73	57.8	8/17/1990	10:11	0.3	27.9	6.8	990
1990	5	43	6	2	202	41	17.12	73	55.98	8/17/1990	10:39	0.3	26.5	7.4	700
1990	5	44	6	2	201	41	17.74	73	56.87	8/17/1990	11:05	0.3	28.3	7.6	620
1990	5	48	4	4	197	41	20.86	73	58.08	8/17/1990	11:43	0.3	26.9	8.8	320
1990	5	49	4	4	196	41	21.16	73	57.74	8/17/1990	12:02	0.3	27	7.1	315
1990	5	52	6	4	193	41	24.12	73	57.31	8/16/1990	16:00	0.3	26.9	6.4	285
1990	5	53	4	4	192	41	24.19	73	57.95	8/16/1990	15:48	0.3	26.5	6.6	282
1990	5	53	6	4	190	41	24.961	73	57.702	8/16/1990	15:27	0.3	28.1	8.1	316
1990	5	56	4	4	188	41	26.47	73	59.66	8/16/1990	15:10	0.3	28.3	7.7	295
1990	5	57	4	4	186	41	27.28	74	0.8	8/16/1990	14:49	0.3	30.1	9.5	269
1990	5	58	6	4	182	41	28.2	73	59.12	8/16/1990	14:34	0.3	25.9	8.4	180
1990	5	59	6	4	178	41	29.25	73	59.32	8/16/1990	13:30	0.3	28.4	7.6	270
1990	5	59	6	4	179	41	29.24	73	59.34	8/16/1990	13:45	0.3	27.9	7.4	274
1990	5	59	6	4	180	41	29.08	73	59.37	8/16/1990	14:03	0.3	28.2	7.5	267
1990	5	62	4	4	173	41	31.59	74	0.28	8/16/1990	13:10	0.3	28.6	8.2	267
1990	5	64	6	4	165	41	32.66	73	58.52	8/16/1990	12:49	0.3	27.4	7.3	271
1990	5	65	4	4	162	41	33.99	73	58.39	8/16/1990	12:17	0.3	25.9	6.3	256
1990	5	69	6	4	158	41	36.94	73	56.81	8/16/1990	11:07	0.3	26.9	6.6	254
1990	5	74	4	3	147	41	41.29	73	56.8	8/16/1990	10:27	0.3	25.6	7.3	237
1990	5	77	6	2	142	41	43.92	73	56.14	8/16/1990	9:44	0.3	25.4	6.7	239
1990	5	77	6	2	143	41	43.83	73	56.16	8/16/1990	10:05	0.3	25.6	6.7	240
1990	5	78	4	2	139	41	44.786	73	56.758	8/16/1990	9:17	0.3	25.4	7.1	235
1990	5	84	4	2	129	41	50.61	73	57.28	8/16/1990	8:49	0.3	25.1	7	228

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1990	5	85	4	2	128					8/16/1990	8:35	0.3	24.6	7.4	249
1990	5	86	6	2	125	41	51.75	73	55.89	8/15/1990	8:23	0.3	24.8	7.1	239
1990	5	88	6	2	122	41	53.023	73	56.214	8/15/1990	17:07	0.3	28.1	9.8	237
1990	5	89	6	1	121	41	53.84	73	57.04	8/15/1990	16:50	0.3	26.8	7.5	225
1990	5	90	6	4	120	41	54.02	73	57.2	8/15/1990	16:30	0.3	26.2	7.8	235
1990	5	93	4	4	116	41	57.05	73	57.77	8/15/1990	16:07	0.3	28.1	9.7	231
1990	5	95	4	4	111	41	59.083	73	57.079	8/15/1990	15:32	0.3	25.2	10.2	238
1990	5	95	6	4	112	41	58.238	73	56.123	8/15/1990	15:51	0.3	27.2	8.6	225
1990	5	96	4	4	105	42	0.22	73	56.65	8/15/1990	13:04	0.3	27.8	8.9	229
1990	5	96	4	4	108	41	59.76	73	56.81	8/15/1990	14:42	0.3	27.2	8.5	235
1990	5	96	4	4	110	41	59.4	73	56.94	8/15/1990	15:09	0.3	26.6	8.2	229
1990	5	96	6	4	107	41	59.89	73	55.93	8/15/1990	14:14	0.3	26.4	7.8	225
1990	5	97	4	4	102	42	0.83	73	56.38	8/15/1990	11:46	0.3	25.8	8	210
1990	5	97	4	4	103	42	0.5	73	56.51	8/15/1990	12:44	0.3	27.7	8.8	215
1990	5	97	6	4	104	42	0.26	73	55.792	8/15/1990	13:30	0.3	26.4	7.7	233
1990	5	108	6	3	94	42	9.56	73	53.18	8/15/1990	11:02	0.3	24.8	8	262
1990	5	111	6	2	89					8/15/1990	10:41	0.3	23.1	7.4	268
1990	5	113	4	2	86	42	13.12	73	51.33	8/15/1990	10:12	0.3	24.4	7.5	262
1990	5	114	4	2	82	42	14.31	73	50.58	8/15/1990	9:45	0.3	24.1	7.4	268
1990	5	115	6	2	80	42	14.8	73	49.1	8/15/1990	9:22	0.3	23.7	7.1	238
1990	5	118	4	2	74	42	16.42	73	47.92	8/15/1990	8:43	0.3	24.1	6.5	225
1990	5	118	4	2	75	42	16.12	73	47.49	8/15/1990	8:59	0.3	23.8	7.7	271
1990	5	119	6	4	71	42	17.16	73	46.8	8/14/1990	15:08	0.3	27.3	9	219
1990	5	121	6	4	67	42	18.82	73	46.89	8/14/1990	15:43	0.3	25.6	8.5	215
1990	5	123	4	4	59					8/14/1990	14:05	0.3	25.5	7.5	211
1990	5	128	6	4	45					8/14/1990	13:25	0.3	25	7.3	232
1990	5	134	4	4	27	42	30.17	73	46.88	8/14/1990	12:35	0.3	26.1	7.3	222
1990	5	139	4	4	15	42	34.32	73	45.25	8/14/1990	10:55	0.3	25.2	6.8	220
1990	5	139	4	4	18	42	34.14	73	45.24	8/14/1990	11:36	0.3	25.8	7.1	229
1990	5	139	6	4	14	42	34.34	73	45.02	8/14/1990	10:31	0.3	24.5	7	220
1990	5	139	6	4	17	42	34.22	73	45.02	8/14/1990	11:20	0.3	24.5	7	235
1990	5	142	6	3	8	42	36.82	73	45.4	8/14/1990	10:05	0.3	24.3	7.1	215
1990	6	13	4	2	267					8/27/1990	13:30	0.3	29.9	8.8	6200
1990	6	15	4	2	264	40	53.57	73	56.32	8/27/1990	13:18	0.3	29.1	8.1	6200
1990	6	18	4	2	260	40	56.889	73	55.1	8/27/1990	12:57	0.3	33	8.2	4550
1990	6	19	6	2	259	40	57.735	73	53.561	8/27/1990	12:35	0.3	28.8	7.8	3700
1990	6	23	6	2	254	41	1.086	73	52.681	8/27/1990	12:05	0.3	29.9	8	3600
1990	6	24	6	1	252	41	2.057	73	52.505	8/27/1990	11:30	0.3	28.8	7.6	3700
1990	6	24	6	1	253	41	1.169	73	52.711	8/27/1990	11:50	0.3	28.8	7.8	3600
1990	6	25	4	2	284	41	2.57	73	54.94	8/27/1990	14:18	0.3	29.9	11.2	4200
1990	6	25	4	4	250	41	2.86	73	55.07	8/28/1990	9:20	0.3	23.5	7.1	3450
1990	6	25	6	1	251	41	2.46	73	52.42	8/27/1990	11:07	0.3	27.1	7.4	3900
1990	6	25	6	2	270	41	2.783	73	55.05	8/27/1990	15:20	0.3	27.8	10.4	4100

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1990	6	26	4	2	283	41	8.34	73	54.4	8/27/1990	15:36	0.3	28.2	10	3890
1990	6	26	4	4	246	41	3.6	73	55.2	8/28/1990	9:01	0.3	25.1	7.6	3390
1990	6	26	4	4	271	41	3.77	73	55.22	8/28/1990	8:43	0.3	24.8	7.4	3210
1990	6	26	6	4	247	41	3.891	73	52.077	8/27/1990	9:56	0.3	24	6.9	4150
1990	6	26	6	4	248	41	3.273	73	52.221	8/27/1990	10:28	0.3	26.5	6.9	3990
1990	6	26	6	4	249	41	2.67	73	52.3	8/27/1990	10:41	0.3	29.1	7.2	3900
1990	6	27	4	2	272	41	4.49	73	55.14	8/27/1990	16:00	0.3	28.7	9.8	3490
1990	6	27	4	4	245	41	4.19	73	55.21	8/28/1990	8:30	0.3	25.1	7.2	3280
1990	6	28	6	4	243	41	5.683	73	52.214	8/27/1990	9:03	0.3	24.9	7.1	2710
1990	6	28	6	4	244	41	5.33	73	52.33	8/27/1990	9:41	0.3	26.1	7.1	2600
1990	6	29	4	2	242	41	6.1	73	54.88	8/27/1990	16:24	0.3	27.9	10.1	2750
1990	6	30	4	2	241	41	7.14	73	54.77	8/27/1990	16:47	0.3	27.5	9	2550
1990	6	31	4	4	285	41	3.607	73	55.196	8/28/1990	9:58	0.3	25.2	6	1500
1990	6	32	4	4	239	41	8.81	73	54.6	8/28/1990	10:26	0.3	25.1	6.2	1520
1990	6	32	4	4	240	41	8.48	73	54.42	8/28/1990	10:13	0.3	25.2	6	1500
1990	6	32	6	1	237	41	9.274	73	52.181	8/28/1990	10:47	0.3	25.5	6	2110
1990	6	32	6	2	269	41	9.445	73	52.243	8/28/1990	11:07	0.3	25	6.6	2100
1990	6	33	6	2	236	41	9.79	73	52.202	8/28/1990	11:32	0.3	26.1	6.4	2120
1990	6	34	6	2	233	41	10.662	73	53.922	8/28/1990	14:10	0.3	28.9	8.6	1710
1990	6	34	6	2	234	41	10.19	73	53.93	8/28/1990	13:50	0.3	28.9	7.4	1700
1990	6	35	4	2	229	41	10.59	73	56.41	8/28/1990	12:24	0.3	27.1	6.3	1280
1990	6	35	4	2	230	41	10.59	73	56.39	8/28/1990	12:08	0.3	28.5	6.8	1295
1990	6	35	6	2	231	41	11.23	73	53.69	8/28/1990	15:03	0.3	29.8	9.8	172
1990	6	35	6	2	232	41	11.172	73	53.996	8/28/1990	14:40	0.3	28.5	8	1610
1990	6	36	4	2	226	41	11.8	73	57.5	8/28/1990	13:04	0.3	29.2	6.1	1200
1990	6	36	4	2	281	41	11.13	73	57.16	8/28/1990	12:43	0.3	29.3	6.1	1450
1990	6	37	4	2	225	41	12.096	73	57.458	8/28/1990	13:21	0.3	29.2	6.7	1210
1990	6	38	4	2	222	41	12.979	73	57.867	8/28/1990	15:30	0.3	28.9	6.8	550
1990	6	38	4	4	221	41	13.43	73	57.79	8/29/1990	9:01	0.3	26	6.1	1300
1990	6	38	4	4	279	41	13.36	73	57.82	8/29/1990	8:40	0.3	25	6	1320
1990	6	38	4	4	280	41	13.4	73	57.81	8/29/1990	8:50	0.3	25	6	1320
1990	6	38	6	2	278	41	12.96	73	57.828	8/28/1990	15:44	0.3	28	6.8	650
1990	6	39	4	4	216	41	13.48	73	57.84	8/29/1990	9:16	0.3	26.2	6.2	1395
1990	6	39	6	3	218	41	14.02	73	56.4	8/29/1990	8:12	0.3	24.8	6.8	1490
1990	6	40	6	4	211	41	14.88	73	57.6	8/29/1990	9:33	0.3	27	6.8	930
1990	6	42	4	4	206	41	16.412	73	58.1	8/29/1990	10:01	0.3	26.5	6.8	395
1990	6	46	4	4	198	41	19.7	73	59	8/29/1990	10:30	0.3	26.8	7.8	231
1990	6	48	4	2	197	41	20.86	73	58.08	8/29/1990	11:05	0.3	28.9	7.1	230
1990	6	49	4	2	196	41	21.16	73	57.74	8/29/1990	11:25	0.3	28	6	222
1990	6	51	6	4	195	41	22.87	73	50.61	8/27/1990	11:15	0.3	25.8	7.2	270
1990	6	52	6	4	194	41	24.12	73	56.81	8/27/1990	11:42	0.3	26	7.8	254
1990	6	55	6	4	189	41	25.66	73	58.14	8/27/1990	12:18	0.3	25.3	8	236
1990	6	57	4	4	186	41	27.28	74	0.8	8/27/1990	12:48	0.3	28.3	7.2	251

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1990	6	59	6	2	179	41	29.24	73	59.34	8/27/1990	13:40	0.3	26.3	7.8	255
1990	6	59	6	2	180	41	29.08	73	59.37	8/27/1990	13:18	0.3	26.3	7.7	255
1990	6	60	6	2	176	41	29.57	73	59.06	8/27/1990	14:30	0.3	25.4	7.8	250
1990	6	60	6	2	177	41	29.52	73	59.24	8/27/1990	14:10	0.3	25.4	7.8	250
1990	6	61	4	2	174	41	31.15	74	0.37	8/27/1990	15:05	0.3	26.5	7.8	224
1990	6	63	6	2	169	41	32.07	73	58.83	8/27/1990	15:24	0.3	26	7.6	220
1990	6	69	6	2	157	41	36.97	73	56.85	8/27/1990	15:52	0.3	25.2	7.1	193
1990	6	72	4	2	151	41	40.04	73	57.11	8/27/1990	16:53	0.3	24.2	8.4	170
1990	6	72	6	2	152	41	39.77	73	56.55	8/27/1990	16:20	0.3	24.8	7.8	220
1990	6	74	4	2	147	41	41.29	73	56.8	8/27/1990	17:10	0.3	24.2	7.2	182
1990	6	77	6	2	143	41	43.83	73	56.16	8/27/1990	17:45	0.3	24.6	7.1	180
1990	6	81	4	2	135	41	47.474	73	57.457	8/27/1990	18:15	0.3	23.8	7.9	171
1990	6	82	4	2	134	41	48.51	73	57.22	8/27/1990	18:28	0.3	23.8	7.6	169
1990	6	83	4	2	131	41	49.33	73	57.31	8/29/1990	15:25	0.3	24.3	8.9	217
1990	6	84	4	4	129	41	50.61	73	57.28	8/29/1990	14:49	0.3	25.3	9.8	218
1990	6	86	4	4	124	41	51.95	73	56.84	8/29/1990	13:10	0.3	27.2	9.8	219
1990	6	86	4	4	126	41	51.44	73	56.97	8/29/1990	13:34	0.3	26.8	10.4	217
1990	6	86	6	2	125	41	51.75	73	55.89	8/29/1990	16:00	0.3	25	9.9	196
1990	6	91	6	4	119	41	55.847	73	56.774	8/29/1990	12:33	0.3	25.1	8.7	200
1990	6	93	4	4	116	41	57.05	73	57.77	8/29/1990	12:03	0.3	24.3	9.5	207
1990	6	95	4	4	111	41	59.083	73	57.079	8/29/1990	10:40	0.3	24.1	9.7	178
1990	6	96	4	4	105	42	0.22	73	56.65	8/29/1990	10:06	0.3	23.7	9.3	196
1990	6	96	4	4	108	41	59.76	73	56.81	8/29/1990	10:20	0.3	23.8	9.1	200
1990	6	96	6	4	106	42	59.99	73	55.94	8/29/1990	11:19	0.3	23.9	9.7	204
1990	6	96	6	4	107	41	59.89	73	55.93	8/29/1990	11:28	0.3	24.5	10.5	203
1990	6	97	4	4	103	42	0.5	73	56.51	8/29/1990	9:51	0.3	23.5	9.1	198
1990	6	97	6	4	104	42	0.26	73	55.792	8/29/1990	11:01	0.3	24.2	9	204
1990	6	98	4	4	100	42	1.67	73	56.54	8/29/1990	9:32	0.3	23.3	8.1	193
1990	6	105	4	2	97	42	7.68	73	55.13	8/28/1990	18:47	0.3	23.1	7.6	235
1990	6	109	6	2	92	42	10.27	73	52.32	8/28/1990	18:03	0.3	23.3	7.9	195
1990	6	110	6	2	91	42	10.9	73	51.53	8/28/1990	17:36	0.3	24	8.6	212
1990	6	112	4	2	88	42	12.69	73	51.26	8/28/1990	17:16	0.3	23.4	8.1	197
1990	6	114	4	2	83	42	14.26	73	50.71	8/28/1990	16:59	0.3	23.6	8.1	202
1990	6	114	6	2	84	42	14.02	73	50.18	8/28/1990	16:30	0.3	24.3	8.3	198
1990	6	115	6	2	79	42	14.8	73	49	8/28/1990	15:59	0.3	24.5	8.1	227
1990	6	116	4	4	78					8/28/1990	15:32	0.3	27.2	9	208
1990	6	121	6	4	67	42	18.82	73	46.89	8/28/1990	14:50	0.3	25.1	8.1	226
1990	6	122	4	4	61	42	20.29	73	47.24	8/28/1990	14:01	0.3	24.9	8.2	239
1990	6	122	6	4	61	42	20.29	73	47.24	8/28/1990	14:20	0.3	24.6	8.1	234
1990	6	126	4	4	50	42	23.21	73	47.62	8/28/1990	13:32	0.3	24.2	8.3	338
1990	6	128	6	4	43	42	25.02	73	46.62	8/28/1990	13:00	0.3	24.5	8	253
1990	6	129	6	4	42	42	25.226	73	46.523	8/28/1990	12:30	0.3	25.6	8.4	254
1990	6	133	4	4	29	42	29.09	73	47.273	8/28/1990	11:55	0.3	23.8	7	243

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1990	6	134	4	4	27	42	30.17	73	46.88	8/28/1990	10:50	0.3	23.7	7.2	237
1990	6	134	4	4	28	42	30.027	73	46.913	8/28/1990	11:19	0.3	23.9	7.6	239
1990	6	139	4	4	18	42	34.14	73	45.24	8/28/1990	10:20	0.3	23.6	7.4	238
1990	7	13	4	2	267					9/11/1990	12:11	0.3	24.9	6.1	15000
1990	7	15	4	2	264	40	53.57	73	56.32	9/11/1990	11:57	0.3	25	6.2	14900
1990	7	18	4	1	260	40	56.889	73	55.1	9/11/1990	11:37	0.3	25	6.6	12500
1990	7	20	6	1	258	40	57.73	73	53.661	9/11/1990	11:21	0.3	24.1	6.2	13100
1990	7	21	6	4	257	40	59.13	73	53.13	9/11/1990	11:01	0.3	24.9	6.4	12100
1990	7	24	6	4	252	41	2.057	73	52.505	9/11/1990	10:28	0.3	24.9	6	12200
1990	7	24	6	4	253	41	1.169	73	52.711	9/11/1990	10:42	0.3	24.8	6.6	12200
1990	7	25	4	4	250	41	2.86	73	55.07	9/11/1990	9:29	0.3	23	7.7	11000
1990	7	25	4	4	270	41	2.783	73	55.05	9/11/1990	9:45	0.3	23.9	7.8	11100
1990	7	25	4	2	284	41	2.57	73	54.94	9/11/1990	12:51	0.3	27	11.1	11900
1990	7	25	6	4	251	41	2.46	73	52.42	9/11/1990	10:13	0.3	24.9	6	12300
1990	7	26	4	4	246	41	3.6	73	55.2	9/11/1990	8:56	0.3	21.2	7.1	11000
1990	7	26	4	4	271	41	3.77	73	55.22	9/11/1990	8:40	0.3	22	7	10100
1990	7	26	4	4	283	41	8.34	73	54.4	9/11/1990	9:11	0.3	22.9	7.2	11000
1990	7	26	6	2	247	41	3.891	73	52.077	9/11/1990	13:40	0.3	26	7.1	12000
1990	7	26	6	2	248	41	3.273	73	52.221	9/11/1990	13:23	0.3	26.4	7.4	11900
1990	7	26	6	2	249	41	2.67	73	52.3	9/11/1990	13:10	0.3	27	6.9	10900
1990	7	27	4	4	245	41	4.19	73	55.21	9/11/1990	8:30	0.3	21.5	7.2	10000
1990	7	28	6	2	243	41	5.683	73	52.214	9/11/1990	14:06	0.3	26.2	7.5	10200
1990	7	28	6	2	244	41	5.33	73	52.33	9/11/1990	13:56	0.3	26.1	7.8	10100
1990	7	29	4	2	242	41	6.1	73	54.88	9/11/1990	14:21	0.3	25.5	8.5	10100
1990	7	30	4	2	241	41	7.14	73	54.77	9/11/1990	14:55	0.3	27	11.5	10100
1990	7	31	4	2	285	41	3.607	73	55.196	9/11/1990	15:10	0.3	25.5	7.7	9900
1990	7	32	4	2	239	41	8.81	73	54.6	9/11/1990	15:31	0.3	25.1	7.4	11000
1990	7	32	4	2	240	41	8.48	73	54.42	9/11/1990	15:21	0.3	25.5	7.8	9900
1990	7	32	6	2	237	41	9.274	73	52.181	9/11/1990	16:09	0.3	26.9	8.3	9400
1990	7	32	6	2	238	41	8.85	73	52.123	9/11/1990	15:53	0.3	25.8	7.7	9500
1990	7	32	6	2	269	41	9.445	73	52.243	9/11/1990	16:32	0.3	27	9.9	8900
1990	7	33	6	2	236	41	9.79	73	52.202	9/11/1990	16:51	0.3	27	9.9	8900
1990	7	34	6	4	233	41	10.662	73	53.922	9/11/1990	9:45	0.3	24	7.1	8700
1990	7	34	6	4	274	41	11.17	73	53.71	9/12/1990	9:13	0.3	24.1	6.8	8100
1990	7	35	4	4	230	41	10.59	73	56.39	9/11/1990	10:06	0.3	24	7.1	8700
1990	7	35	4	1	229	41	10.59	73	56.41	9/12/1990	10:16	0.3	24.1	6.7	7900
1990	7	35	4	1	277	41	10.95	73	57.06	9/12/1990	10:36	0.3	25.1	7.9	7900
1990	7	35	6	4	232	41	11.172	73	53.996	9/12/1990	9:28	0.3	24.2	6.1	8200
1990	7	35	6	4	275	41	11.31	73	53.54	9/12/1990	8:57	0.3	24.8	6.2	7300
1990	7	36	4	1	227	41	11.02	73	57.41	9/12/1990	10:56	0.3	25	8.2	7700
1990	7	36	4	4	276	41	12.17	73	53.51	9/12/1990	8:43	0.3	24.3	5.8	7800
1990	7	37	4	2	224					9/12/1990	11:43	0.3	26	7	7200
1990	7	37	4	2	225	41	12.096	73	57.458	9/12/1990	11:19	0.3	25.1	7.8	7300

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1990	7	38	4	2	222	41	12.979	73	57.867	9/12/1990	12:18	0.3	25.9	8.4	7100
1990	7	38	4	2	223	41	12.89	73	57.806	9/12/1990	12:02	0.3	26.1	9.8	7200
1990	7	38	4	2	280	41	13.4	73	57.81	9/12/1990	12:35	0.3	26	8.7	7000
1990	7	39	6	4	218	41	14.02	73	56.4	9/12/1990	8:19	0.3	23.9	5.2	7100
1990	7	42	6	2	207	41	15.3	73	57.8	9/12/1990	13:00	0.3	26.5	6.3	5200
1990	7	44	6	2	201	41	17.74	73	56.87	9/12/1990	14:02	0.3	25.1	8	4400
1990	7	46	4	2	198	41	19.7	73	59	9/12/1990	14:54	0.3	25.1	6.6	2550
1990	7	46	6	2	200					9/12/1990	14:32	0.3	24.9	7.2	2900
1990	7	48	4	2	197	41	20.86	73	58.08	9/12/1990	15:22	0.3	26.2	8.6	2690
1990	7	49	4	2	196	41	21.16	73	57.74	9/12/1990	15:40	0.3	25.1	6.4	2000
1990	7	51	6	2	195	41	22.87	73	50.61	9/12/1990	15:17	0.3	26	10.8	2140
1990	7	52	4	2	194	41	24.12	73	56.81	9/12/1990	14:50	0.3	24.5	7.8	1566
1990	7	53	6	2	190	41	24.961	73	57.702	9/12/1990	15:50	0.3	24.8	7.3	1396
1990	7	56	6	4	187	41	26.83	74	0.5	9/12/1990	13:58	0.3	25	8.9	910
1990	7	56	6	4	188	41	26.47	73	59.66	9/12/1990	14:25	0.3	24.9	8.7	605
1990	7	57	6	4	186	41	27.28	74	0.8	9/12/1990	13:40	0.3	25	8	817
1990	7	58	6	4	184	41	27.78	74	0.7	9/12/1990	13:19	0.3	24.9	8.6	691
1990	7	59	6	4	179	41	29.24	73	59.34	9/12/1990	12:47	0.3	24.5	6.8	762
1990	7	60	6	4	176	41	29.57	73	59.06	9/12/1990	12:23	0.3	24.4	6.6	749
1990	7	64	6	4	165	41	32.66	73	58.52	9/12/1990	11:55	0.3	24.7	7.8	370
1990	7	69	4	4	155	41	37.44	73	57.43	9/12/1990	10:20	0.3	23.8	7.4	226
1990	7	69	6	4	156	41	37.03	73	56.88	9/12/1990	11:00	0.3	24	7.7	231
1990	7	71	4	4	153	41	39.06	73	57.257	9/12/1990	9:58	0.3	23.7	8.1	237
1990	7	74	4	2	147	41	41.29	73	56.8	9/12/1990	9:24	0.3	23.5	7	216
1990	7	77	6	2	141	41	44.46	73	56.21	9/11/1990	15:45	0.3	23.8	8.7	211
1990	7	77	6	2	142	41	43.92	73	56.14	9/11/1990	16:16	0.3	24.3	8.2	206
1990	7	78	4	2	139	41	44.786	73	56.758	9/11/1990	16:32	0.3	23.8	8.1	204
1990	7	80	6	2	137	41	46.14	73	56.82	9/11/1990	15:10	0.3	23.8	7.7	210
1990	7	85	4	2	128					9/11/1990	14:26	0.3	24.9	10.4	206
1990	7	86	4	2	126	41	51.44	73	56.97	9/11/1990	14:00	0.3	24.4	10.4	206
1990	7	86	6	4	125	41	51.75	73	55.89	9/10/1990	13:18	0.3	23.2	8.4	209
1990	7	89	6	4	121	41	53.84	73	57.04	9/11/1990	12:30	0.3	23.2	8.5	210
1990	7	90	6	4	120	41	54.02	73	57.2	9/11/1990	12:05	0.3	22.9	8.2	208
1990	7	93	4	4	116	41	57.05	73	57.77	9/11/1990	8:50	0.3	22	8.1	218
1990	7	94	4	4	115	41	57.78	73	57.47	9/11/1990	9:20	0.3	22.4	8.1	212
1990	7	94	6	4	113	41	58.38	73	57.25	9/11/1990	11:21	0.3	23.4	9.3	216
1990	7	95	6	4	112	41	58.238	73	56.123	9/11/1990	10:50	0.3	22.8	8.3	218
1990	7	96	4	4	110	41	59.4	73	56.94	9/11/1990	9:40	0.3	22.4	8.8	223
1990	7	96	6	4	106	42	59.99	73	55.94	9/11/1990	10:00	0.3	22.3	9	229
1990	7	96	6	4	107	41	59.89	73	55.93	9/11/1990	10:20	0.3	22.5	9.1	223
1990	7	98	4	2	100	42	1.67	73	56.54	9/10/1990	17:45	0.3	22.2	9.2	228
1990	7	105	4	2	97	42	7.68	73	55.13	9/10/1990	17:00	0.3	22.5	10	248
1990	7	105	4	2	98	42	7.33	73	55.3	9/10/1990	17:15	0.3	22.3	9.7	240

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1990	7	112	4	2	88	42	12.69	73	51.26	9/10/1990	16:32	0.3	22.6	10.3	256
1990	7	113	4	2	86	42	13.12	73	51.33	9/10/1990	16:15	0.3	22.8	10.3	256
1990	7	114	4	2	82	42	14.31	73	50.58	9/10/1990	15:58	0.3	23.5	11.6	256
1990	7	117	4	4	76	42	15.84	73	47.69	9/10/1990	15:30	0.3	23.6	11.6	262
1990	7	118	4	4	74	42	16.42	73	47.92	9/10/1990	14:50	0.3	22.9	9.9	264
1990	7	118	4	1	75	42	16.12	73	47.49	9/10/1990	15:17	0.3	23.1	10.8	264
1990	7	119	4	4	72	42	16.82	73	47.28	9/10/1990	14:40	0.3	22.8	9.2	265
1990	7	122	4	4	63	42	19.84	73	47.18	9/10/1990	13:48	0.3	23.3	10.1	263
1990	7	122	6	4	64	42	19.9	73	46.8	9/10/1990	14:15	0.3	23.3	10.9	264
1990	7	124	4	4	55	42	21.64	73	47.62	9/10/1990	13:27	0.3	23.1	8.1	261
1990	7	125	6	4	54	42	22.034	73	47.302	9/10/1990	12:40	0.3	23.4	10.8	263
1990	7	134	4	4	28	42	30.027	73	46.913	9/10/1990	12:02	0.3	22.8	7.5	259
1990	7	139	6	4	17	42	34.22	73	45.02	9/10/1990	11:30	0.3	22.8	7.5	255
1990	7	140	4	4	12					9/10/1990	10:45	0.3	22.7	8.1	260
1990	7	140	4	4	13	42	34.59	73	45.25	9/10/1990	11:05	0.3	22.8	6.7	260
1990	7	142	6	4	8	42	36.82	73	45.4	9/10/1990	10:20	0.3	21.8	9.6	262
1990	7	152	4	4	1	42	44.51	73	41.196	9/10/1990	9:38	0.3	20.6	8.9	222
1990	8	16	4	2	262	40	54.9	73	55.7	9/25/1990	14:10	0.3	21.9	7.9	13000
1990	8	19	6	2	259	40	57.735	73	53.561	9/25/1990	13:43	0.3	21.1	6.9	10500
1990	8	20	6	2	258	40	57.73	73	53.661	9/25/1990	13:15	0.3	21.1	6.8	9100
1990	8	23	6	2	254	41	1.086	73	52.681	9/25/1990	12:40	0.3	21	7.8	8100
1990	8	23	6	2	255	41	0.74	73	52.83	9/25/1990	12:55	0.3	21.5	6.8	8500
1990	8	24	6	2	252	41	2.057	73	52.505	9/25/1990	12:13	0.3	20.5	6.8	7900
1990	8	24	6	2	253	41	1.169	73	52.711	9/25/1990	12:30	0.3	20.2	6.7	7900
1990	8	25	4	4	250	41	2.86	73	55.07	9/24/1990	15:45	0.3	19.1	9.6	9000
1990	8	25	4	4	270	41	2.783	73	55.05	9/24/1990	16:00	0.3	19.5	10.2	9000
1990	8	25	4	4	284	41	2.57	73	54.94	9/24/1990	16:30	0.3	19.5	11.9	9000
1990	8	25	6	2	251	41	2.46	73	52.42	9/25/1990	11:55	0.3	19.9	7.6	7900
1990	8	26	4	4	246	41	3.6	73	55.2	9/24/1990	15:05	0.3	18.5	9.2	8500
1990	8	26	4	2	271	41	3.77	73	55.22	9/24/1990	14:45	0.3	18.9	9.4	8600
1990	8	26	4	4	283	41	8.34	73	54.4	9/24/1990	15:25	0.3	19.5	8.8	8800
1990	8	26	6	2	247	41	3.891	73	52.077	9/25/1990	11:15	0.3	19.1	7	7500
1990	8	26	6	2	248	41	3.273	73	52.221	9/25/1990	11:25	0.3	19.2	6.8	7500
1990	8	26	6	2	249	41	2.67	73	52.3	9/25/1990	11:40	0.3	20.1	7	7400
1990	8	27	4	2	245	41	4.19	73	55.21	9/24/1990	14:27	0.3	17.3	9.1	8800
1990	8	27	4	2	272	41	4.49	73	55.14	9/24/1990	14:05	0.3	19.5	8.8	8100
1990	8	28	6	2	243	41	5.683	73	52.214	9/25/1990	10:00	0.3	18	8.2	6000
1990	8	28	6	2	244	41	5.33	73	52.33	9/25/1990	10:55	0.3	19.8	6.1	7100
1990	8	29	4	2	242	41	6.1	73	54.88	9/24/1990	13:30	0.3	20	8	7800
1990	8	30	4	2	241	41	7.14	73	54.77	9/24/1990	12:55	0.3	19.2	8.4	7100
1990	8	31	4	2	285	41	3.607	73	55.196	9/24/1990	12:35	0.3	20	7.9	6590
1990	8	32	4	2	240	41	8.48	73	54.42	9/24/1990	12:15	0.3	20	7.9	6600
1990	8	32	6	2	237	41	9.274	73	52.181	9/25/1990	9:25	0.3	18.8	8.2	5800

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1990	8	32	6	2	238	41	8.85	73	52.123	9/25/1990	9:35	0.3	19	8	6000
1990	8	32	6	2	269	41	9.445	73	52.243	9/25/1990	9:10	0.3	18	8.1	5900
1990	8	33	6	2	236	41	9.79	73	52.202	9/25/1990	8:40	0.3	17.9	9.1	5500
1990	8	34	6	4	234	41	10.19	73	53.93	9/26/1990	9:45	0.3	20.1	8.2	5100
1990	8	34	6	4	274	41	11.17	73	53.71	9/26/1990	9:30	0.3	18.9	9.9	5200
1990	8	35	4	4	231	41	11.23	73	53.69	9/26/1990	9:15	0.3	18.8	10	5200
1990	8	35	6	4	275	41	11.31	73	53.54	9/26/1990	8:50	0.3	19.2	9	5100
1990	8	36	4	4	226	41	11.8	73	57.5	9/26/1990	10:40	0.3	22	9.1	4500
1990	8	36	4	4	281	41	11.13	73	57.16	9/26/1990	10:10	0.3	21.9	8.8	4900
1990	8	36	6	2	228	41	12.25	73	53.5	9/24/1990	11:10	0.3	18.5	8.2	5900
1990	8	36	6	2	276	41	12.17	73	53.51	9/24/1990	11:35	0.3	18.5	8.2	5900
1990	8	37	4	2	224					9/26/1990	11:10	0.3	23.9	7.2	4100
1990	8	37	4	4	225	41	12.096	73	57.458	9/26/1990	11:55	0.3	22.1	7	4100
1990	8	38	4	2	222	41	12.979	73	57.867	9/26/1990	12:05	0.3	23	6.1	4400
1990	8	38	4	2	223	41	12.89	73	57.806	9/26/1990	11:30	0.3	22.9	8.2	4100
1990	8	38	4	2	278	41	12.96	73	57.828	9/26/1990	11:35	0.3	21.9	9	4600
1990	8	38	4	2	280	41	13.4	73	57.81	9/26/1990	12:15	0.3	22.9	6.8	2100
1990	8	39	6	2	218	41	14.02	73	56.4	9/26/1990	14:30	0.3	22.8	7.2	4750
1990	8	40	4	2	214	41	14.31	73	58.5	9/26/1990	12:45	0.3	22.5	9.1	3700
1990	8	40	6	2	210	41	14.87	73	57.74	9/26/1990	13:05	0.3	23	7	4250
1990	8	46	4	2	200					9/26/1990	13:30	0.3	23	7.1	1750
1990	8	46	6	2	199	41	19.42	73	58.77	9/26/1990	14:00	0.3	22.9	7.3	1750
1990	8	51	6	2	195	41	22.87	73	50.61	9/26/1990	15:25	0.3	21.2	8.2	1117
1990	8	52	6	2	193	41	24.12	73	57.31	9/26/1990	14:50	0.3	21	6.4	931
1990	8	52	6	2	194	41	24.12	73	56.81	9/26/1990	15:00	0.3	21	6.3	1009
1990	8	53	4	2	192	41	24.19	73	57.95	9/26/1990	14:22	0.3	20.7	6.6	674
1990	8	53	6	2	190	41	24.961	73	57.702	9/26/1990	13:50	0.3	21.1	7.5	735
1990	8	57	4	4	185	41	27.68	74	0.73	9/26/1990	12:25	0.3	19.8	7.6	422
1990	8	57	4	4	186	41	27.28	74	0.8	9/26/1990	12:44	0.3	18.1	7.4	399
1990	8	58	4	4	183	41	28.02	74	0.87	9/26/1990	11:33	0.3	20.1	8.3	330
1990	8	58	4	4	184	41	27.78	74	0.7	9/26/1990	12:04	0.3	20.5	7.3	338
1990	8	58	6	2	182	41	28.2	73	59.12	9/26/1990	13:20	0.3	19.2	8.3	431
1990	8	61	4	4	174	41	31.15	74	0.37	9/26/1990	10:53	0.3	21.3	7.2	230
1990	8	62	4	4	173	41	31.59	74	0.28	9/26/1990	10:30	0.3	21.3	7.6	212
1990	8	64	4	4	164	41	33.37	73	59.18	9/26/1990	9:45	0.3	21.6	8.1	220
1990	8	66	6	2	161	41	34.88	73	56.84	9/25/1990	17:23	0.3	21.4	9.1	220
1990	8	72	4	2	151	41	40.04	73	57.11	9/25/1990	16:38	0.3	20.8	7.8	210
1990	8	74	4	2	147	41	41.29	73	56.8	9/25/1990	16:10	0.3	20.6	7.5	220
1990	8	77	6	2	141	41	44.46	73	56.21	9/25/1990	15:56	0.3	20.6	7.5	240
1990	8	78	4	2	139	41	44.786	73	56.758	9/25/1990	15:35	0.3	20.7	8.6	220
1990	8	80	6	2	137	41	46.14	73	56.82	9/25/1990	15:15	0.3	20.5	7.6	230
1990	8	81	4	2	135	41	47.474	73	57.457	9/25/1990	14:30	0.3	20.3	8.4	240
1990	8	85	4	2	128					9/25/1990	14:09	0.3	20.1	9.5	240

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1990	8	86	4	2	124	41	51.95	73	56.84	9/25/1990	13:30	0.3	19	11.1	240
1990	8	86	4	2	126	41	51.44	73	56.97	9/25/1990	13:50	0.3	19.9	10	240
1990	8	86	6	2	125	41	51.75	73	55.89	9/25/1990	13:18	0.3	19.3	8.6	250
1990	8	90	6	2	120	41	54.02	73	57.2	9/25/1990	12:53	0.3	19.2	8.9	250
1990	8	93	6	4	117	41	57.036	73	56.721	9/25/1990	11:50	0.3	18.7	9.3	260
1990	8	94	6	4	114	41	58.085	73	56.467	9/25/1990	11:15	0.3	18.7	8.5	250
1990	8	95	4	4	111	41	59.083	73	57.079	9/25/1990	9:09	0.3	18.2	9.2	260
1990	8	96	4	4	108	41	59.76	73	56.81	9/25/1990	9:48	0.3	18.3	9.3	260
1990	8	96	6	4	106	42	59.99	73	55.94	9/25/1990	10:30	0.3	18.2	8.7	260
1990	8	96	6	4	109	41	59.43	73	56.012	9/25/1990	10:48	0.3	18.3	9.9	260
1990	8	97	6	4	104	42	0.26	73	55.792	9/25/1990	10:03	0.3	17.9	8.9	260
1990	8	98	4	2	101	42	1.426	73	56.456	9/24/1990	16:18	0.3	18.6	9.6	260
1990	8	99	6	2	99	42	2.02	73	55.73	9/24/1990	18:03	0.3	18.7	9.6	260
1990	8	105	4	2	97	42	7.68	73	55.13	9/24/1990	17:30	0.3	18.4	9.2	260
1990	8	109	6	2	93	42	9.91	73	52.81	9/24/1990	17:05	0.3	19.3	9.8	270
1990	8	110	6	2	90	42	11.04	73	51.38	9/24/1990	16:32	0.3	18.9	10.8	260
1990	8	112	4	2	88	42	12.69	73	51.26	9/24/1990	16:15	0.3	18.5	9.6	260
1990	8	115	6	2	79	42	14.8	73	49	9/24/1990	15:52	0.3	18.8	9.7	250
1990	8	118	4	2	73	42	16.76	73	47.67	9/24/1990	15:35	0.3	18.7	9.7	250
1990	8	119	4	2	72	42	16.82	73	47.28	9/24/1990	15:20	0.3	18.9	10.1	250
1990	8	119	6	2	69	42	17.29	73	46.78	9/24/1990	14:50	0.3	18.5	10.9	250
1990	8	121	4	4	65	42	19.307	73	47.217	9/24/1990	14:05	0.3	18.9	9.9	250
1990	8	121	4	4	68	42	18.53	73	47.1	9/24/1990	14:25	0.3	18.8	9.5	250
1990	8	124	4	4	58					9/24/1990	13:35	0.3	18.6	9.3	250
1990	8	129	6	4	42	42	25.226	73	46.523	9/24/1990	12:40	0.3	17.9	9.7	250
1990	8	132	4	4	32	42	28.13	73	47.21	9/24/1990	12:10	0.3	18	8.2	250
1990	8	134	4	4	28	42	30.027	73	46.913	9/24/1990	11:40	0.3	17.7	9.5	240
1990	8	138	4	4	20	42	33.5	73	45.35	9/24/1990	10:50	0.3	17.8	9.8	230
1990	8	138	4	4	23	42	33.14	73	45.46	9/24/1990	11:10	0.3	17.9	8.8	230
1990	8	142	6	4	8	42	36.82	73	45.4	9/24/1990	10:19	0.3	17.4	8.8	230
1990	8	145	6	4	5	42	39.19	73	44.41	9/24/1990	9:49	0.3	16.9	9.4	210
1990	9	15	4	1	263	40	54.252	73	55.961	10/8/1990	13:50	0.3	19.5	7.3	17780
1990	9	18	4	2	260	40	56.889	73	55.1	10/8/1990	13:27	0.3	19.5	7.7	17700
1990	9	22	6	2	256	40	59.97	73	53.05	10/8/1990	13:15	0.3	19.3	7.7	15320
1990	9	23	6	2	254	41	1.086	73	52.681	10/8/1990	12:46	0.3	19.2	7.7	13300
1990	9	23	6	2	255	41	0.74	73	52.83	10/8/1990	13:00	0.3	19.4	7.9	14320
1990	9	24	6	2	252	41	2.057	73	52.505	10/9/1990	13:16	0.3	20.1	6.1	9200
1990	9	25	4	2	250	41	2.86	73	55.07	10/8/1990	12:01	0.3	19.1	7.7	12891
1990	9	25	4	2	270	41	2.783	73	55.05	10/8/1990	12:15	0.3	19.1	7.9	13040
1990	9	25	4	2	284	41	2.57	73	54.94	10/8/1990	12:30	0.3	19.2	7.9	13210
1990	9	25	6	2	251	41	2.46	73	52.42	10/9/1990	12:58	0.3	20.1	6.9	5000
1990	9	26	4	2	246	41	3.6	73	55.2	10/8/1990	11:35	0.3	19.1	7.9	12922
1990	9	26	4	2	271	41	3.77	73	55.22	10/8/1990	11:22	0.3	19.1	7.8	12840

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1990	9	26	4	2	283	41	8.34	73	54.4	10/8/1990	11:47	0.3	19.1	7.8	12880
1990	9	26	6	2	247	41	3.891	73	52.077	10/9/1990	12:15	0.3	21.1	7	10000
1990	9	26	6	2	248	41	3.273	73	52.221	10/9/1990	12:28	0.3	21.1	7	10000
1990	9	26	6	2	249	41	2.67	73	52.3	10/9/1990	12:41	0.3	21.6	7.1	8000
1990	9	27	4	2	245	41	4.19	73	55.21	10/8/1990	11:10	0.3	19	9.7	12370
1990	9	27	4	2	272	41	4.49	73	55.14	10/8/1990	11:00	0.3	19	10.3	12220
1990	9	28	6	2	243	41	5.683	73	52.214	10/8/1990	10:20	0.3	19.2	7.8	11770
1990	9	28	6	2	244	41	5.33	73	52.33	10/8/1990	10:35	0.3	19.3	7.7	11780
1990	9	29	4	2	242	41	6.1	73	54.88	10/8/1990	10:05	0.3	19.1	7.7	11630
1990	9	30	4	2	241	41	7.14	73	54.77	10/8/1990	9:50	0.3	18.8	7.6	11290
1990	9	31	4	4	285	41	3.607	73	55.196	10/8/1990	9:20	0.3	19.8	6.9	9640
1990	9	32	4	4	239	41	8.81	73	54.6	10/8/1990	8:59	0.3	20	6.8	9240
1990	9	32	4	4	240	41	8.48	73	54.42	10/8/1990	9:10	0.3	19.8	6.8	9640
1990	9	32	6	2	237	41	9.274	73	52.181	10/9/1990	11:24	0.3	22	8.1	7900
1990	9	32	6	2	238	41	8.85	73	52.123	10/9/1990	11:44	0.3	22	8.1	7900
1990	9	32	6	2	269	41	9.445	73	52.243	10/9/1990	14:00	0.3	22	8.1	6900
1990	9	33	6	2	236	41	9.79	73	52.202	10/9/1990	11:03	0.3	21.5	9.1	7900
1990	9	34	6	1	233	41	10.662	73	53.922	10/9/1990	10:20	0.3	21.5	8	7700
1990	9	34	6	1	234	41	10.19	73	53.93	10/9/1990	10:36	0.3	21.9	8.4	7800
1990	9	35	4	2	229	41	10.59	73	56.41	10/9/1990	14:48	0.3	21.9	6.8	6800
1990	9	35	4	2	230	41	10.59	73	56.39	10/9/1990	14:34	0.3	21.8	6.4	7000
1990	9	35	4	2	277	41	10.95	73	57.06	10/9/1990	15:06	0.3	22.1	7.4	6100
1990	9	35	6	1	231	41	11.23	73	53.69	10/9/1990	9:30	0.3	21	8.1	7500
1990	9	35	6	1	232	41	11.172	73	53.996	10/9/1990	9:50	0.3	21.1	7.1	7500
1990	9	35	6	4	275	41	11.31	73	53.54	10/9/1990	9:12	0.3	20.9	8.2	7500
1990	9	36	4	4	226	41	11.8	73	57.5	10/9/1990	15:54	0.3	22.1	7.8	6000
1990	9	36	4	2	227	41	11.02	73	57.41	10/9/1990	15:21	0.3	22.5	7.4	6100
1990	9	36	4	3	281	41	11.13	73	57.16	10/9/1990	15:38	0.3	22.2	7.7	6100
1990	9	36	6	4	276	41	12.17	73	53.51	10/9/1990	8:49	0.3	20.9	8.1	7300
1990	9	37	4	4	225	41	12.096	73	57.458	10/9/1990	16:13	0.3	22	7.1	6100
1990	9	38	4	4	221	41	13.43	73	57.79	10/9/1990	16:30	0.3	21.9	7	6500
1990	9	39	4	4	216	41	13.48	73	57.84	10/9/1990	16:43	0.3	22	6.8	6100
1990	9	39	6	4	218	41	14.02	73	56.4	10/9/1990	17:19	0.3	21.9	8.1	6800
1990	9	40	6	4	210	41	14.87	73	57.74	10/9/1990	17:02	0.3	22	8	6500
1990	9	42	6	4	207	41	15.3	73	57.8	10/10/1990	11:25	0.3	25	5.2	4100
1990	9	43	6	4	202	41	17.12	73	55.98	10/10/1990	10:55	0.3	21.8	6.4	3750
1990	9	49	4	4	196	41	21.16	73	57.74	10/10/1990	10:25	0.3	20.3	6.1	1790
1990	9	52	6	4	193	41	24.12	73	57.31	10/10/1990	9:30	0.3	20.2	6.8	1650
1990	9	52	6	4	194	41	24.12	73	56.81	10/10/1990	9:50	0.3	20.1	6.4	1550
1990	9	53	6	4	190	41	24.961	73	57.702	10/10/1990	12:15	0.3	20	7.9	1350
1990	9	55	6	4	189	41	25.66	73	58.14	10/10/1990	12:38	0.3	20.4	7.6	700
1990	9	56	4	4	188	41	26.47	73	59.66	10/10/1990	12:15	0.3	20.2	7	270
1990	9	58	6	4	182	41	28.2	73	59.12	10/10/1990	11:47	0.3	19	7.2	270

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1990	9	59	6	4	178	41	29.25	73	59.32	10/10/1990	11:14	0.3	19.9	7	280
1990	9	59	6	4	181	41	29.04	73	59.33	10/10/1990	11:30	0.3	19.9	7.1	275
1990	9	60	6	4	176	41	29.57	73	59.06	10/10/1990	10:54	0.3	19.9	6.9	235
1990	9	61	4	4	174	41	31.15	74	0.37	10/10/1990	10:25	0.3	20.1	7.1	227
1990	9	62	4	4	171	41	32.19	73	59.91	10/10/1990	10:05	0.3	19.8	7.4	200
1990	9	64	6	4	165	41	32.66	73	58.52	10/10/1990	9:36	0.3	19.8	7.5	210
1990	9	74	4	2	147	41	41.29	73	56.8	10/9/1990	16:04	0.3	18.9	7.3	256
1990	9	74	6	2	149	41	41.064	73	56.289	10/9/1990	16:17	0.3	19.3	7.5	253
1990	9	76	4	2	144					10/9/1990	15:40	0.3	18.7	8.6	260
1990	9	77	6	2	140	41	44.56	73	56.17	10/9/1990	15:18	0.3	18.7	7.6	260
1990	9	77	6	2	141	41	44.46	73	56.21	10/9/1990	15:28	0.3	18.7	7.5	259
1990	9	81	4	2	135	41	47.474	73	57.457	10/9/1990	14:40	0.3	18.5	8.2	263
1990	9	82	4	2	134	41	48.51	73	57.22	10/9/1990	14:25	0.3	18.4	8.3	262
1990	9	84	4	2	129	41	50.61	73	57.28	10/9/1990	14:10	0.3	18.2	8.4	263
1990	9	86	4	4	124	41	51.95	73	56.84	10/9/1990	12:17	0.3	17.8	8.2	267
1990	9	86	4	2	126	41	51.44	73	56.97	10/9/1990	13:15	0.3	18	9.1	263
1990	9	86	6	4	125	41	51.75	73	55.89	10/9/1990	11:50	0.3	17.9	8	265
1990	9	89	6	4	121	41	53.84	73	57.04	10/9/1990	11:18	0.3	17.8	8.3	264
1990	9	93	4	4	116	41	57.05	73	57.77	10/9/1990	9:24	0.3	17.5	8.4	262
1990	9	94	4	2	113	41	58.38	73	57.25	10/8/1990	17:43	0.3	18.2	9	245
1990	9	95	6	4	112	41	58.238	73	56.123	10/9/1990	10:45	0.3	17.5	8.3	261
1990	9	96	4	2	105	42	0.22	73	56.65	10/8/1990	17:10	0.3	18.1	8.7	239
1990	9	96	4	2	108	41	59.76	73	56.81	10/8/1990	17:25	0.3	18.2	9	226
1990	9	96	4	4	110	41	59.4	73	56.94	10/9/1990	9:48	0.3	17.6	8.4	257
1990	9	96	6	4	109	41	59.43	73	56.012	10/9/1990	10:20	0.3	17.6	8.4	260
1990	9	97	6	4	104	42	0.26	73	55.792	10/9/1990	10:04	0.3	17.6	7.9	258
1990	9	98	4	2	101	42	1.426	73	56.456	10/8/1990	16:54	0.3	18	8.6	231
1990	9	105	4	2	98	42	7.33	73	55.3	10/8/1990	16:20	0.3	18.1	8.8	247
1990	9	107	4	2	95	42	8.94	73	54.32	10/8/1990	16:01	0.3	17.9	8.6	248
1990	9	114	6	2	84	42	14.02	73	50.18	10/8/1990	15:25	0.3	18.4	8.8	240
1990	9	116	6	2	77	42	15.02	73	48.31	10/8/1990	15:03	0.3	18.6	9.1	234
1990	9	118	4	2	75	42	16.12	73	47.49	10/8/1990	14:40	0.3	18.7	9.3	251
1990	9	119	4	2	72	42	16.82	73	47.28	10/8/1990	14:20	0.3	18.5	8.8	257
1990	9	121	4	4	65	42	19.307	73	47.217	10/8/1990	13:44	0.3	18.6	9.3	266
1990	9	121	6	4	67	42	18.82	73	46.89	10/8/1990	14:01	0.3	18.8	9.6	257
1990	9	122	4	4	63	42	19.84	73	47.18	10/8/1990	13:13	0.3	18.7	9.4	262
1990	9	123	4	4	60	42	20.64	73	47.39	10/8/1990	12:50	0.3	18.9	9.4	264
1990	9	124	4	4	55	42	21.64	73	47.62	10/8/1990	12:33	0.3	18.1	8.1	224
1990	9	125	6	4	54	42	22.034	73	47.302	10/8/1990	12:10	0.3	19.1	10.5	260
1990	9	129	6	4	39	42	25.879	73	46.76	10/8/1990	11:27	0.3	17.9	7.8	180
1990	9	135	4	4	25	42	31.16	73	46.06	10/8/1990	11:17	0.3	18.3	7.7	180
1990	9	137	6	4	24	42	32.262	73	45.288	10/8/1990	10:54	0.3	18	9	180
1990	9	138	4	4	20	42	33.5	73	45.35	10/8/1990	10:35	0.3	17.5	8.5	170

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1990	9	142	6	4	8	42	36.82	73	45.4	10/8/1990	10:03	0.3	17.7	9.1	185
1990	9	145	6	4	4	42	39.51	73	44.09	10/8/1990	9:37	0.3	17.3	9.3	190
1990	10	14	4	4	265					10/24/1990	13:47	0.3	18.5	8.6	6200
1990	10	15	4	9	263	40	54.252	73	55.961	10/24/1990	13:24	0.3	17.9	8.2	5000
1990	10	15	4	4	264	40	53.57	73	56.32	10/24/1990	13:34	0.3	18.3	8.3	6200
1990	10	22	6	4	256	40	59.97	73	53.05	10/24/1990	12:46	0.3	18.9	8.6	4200
1990	10	23	6	4	255	41	0.74	73	52.83	10/24/1990	12:30	0.3	18.7	8.3	4000
1990	10	24	6	4	252	41	2.057	73	52.505	10/24/1990	14:41	0.3	19.1	8.2	4300
1990	10	24	6	4	253	41	1.169	73	52.711	10/24/1990	14:30	0.3	19.2	8.5	4400
1990	10	25	4	2	250	41	2.86	73	55.07	10/24/1990	11:28	0.3	17	7.8	4300
1990	10	25	4	2	270	41	2.783	73	55.05	10/24/1990	11:39	0.3	17	7.9	4700
1990	10	25	4	4	284	41	2.57	73	54.94	10/24/1990	11:53	0.3	18.1	7.2	4900
1990	10	25	6	4	251	41	2.46	73	52.42	10/24/1990	12:19	0.3	19	8.1	4000
1990	10	26	4	2	246	41	3.6	73	55.2	10/24/1990	11:08	0.3	22.1	8.1	3900
1990	10	26	4	2	271	41	3.77	73	55.22	10/24/1990	10:57	0.3	17.5	8.2	3100
1990	10	26	4	2	283	41	8.34	73	54.4	10/24/1990	11:14	0.3	17.9	7.8	4000
1990	10	26	6	2	247	41	3.891	73	52.077	10/24/1990	10:06	0.3	17.5	7.9	5000
1990	10	26	6	2	248	41	3.273	73	52.221	10/24/1990	10:14	0.3	17.9	7.9	4900
1990	10	26	6	4	249	41	2.67	73	52.3	10/24/1990	14:59	0.3	19	7.9	4300
1990	10	27	4	2	245	41	4.19	73	55.21	10/24/1990	10:49	0.3	18	7.6	3800
1990	10	27	4	2	272	41	4.49	73	55.14	10/24/1990	10:33	0.3	17.5	7.6	4000
1990	10	28	6	2	244	41	5.33	73	52.33	10/24/1990	9:47	0.3	17.5	7.6	2600
1990	10	29	4	2	242	41	6.1	73	54.88	10/22/1990	13:27	0.3	18	7.2	4450
1990	10	30	4	2	241	41	7.14	73	54.77	10/22/1990	13:05	0.3	18.1	7.8	3650
1990	10	31	4	2	285	41	3.607	73	55.196	10/22/1990	12:40	0.3	18	7.4	3700
1990	10	32	4	2	239	41	8.81	73	54.6	10/22/1990	11:58	0.3	18.9	7.4	2890
1990	10	32	4	2	240	41	8.48	73	54.42	10/22/1990	12:27	0.3	18	7.4	3700
1990	10	32	6	2	237	41	9.274	73	52.181	10/22/1990	14:31	0.3	18.5	7.9	2900
1990	10	32	6	2	238	41	8.85	73	52.123	10/22/1990	14:06	0.3	18.9	8	2750
1990	10	32	6	2	269	41	9.445	73	52.243	10/22/1990	14:41	0.3	18	8.2	2450
1990	10	33	6	2	236	41	9.79	73	52.202	10/22/1990	15:02	0.3	18.5	8.2	2880
1990	10	34	6	2	234	41	10.19	73	53.93	10/22/1990	15:36	0.3	18.5	8.1	2300
1990	10	34	6	2	274	41	11.17	73	53.71	10/22/1990	15:46	0.3	18	8.4	2300
1990	10	35	4	2	229	41	10.59	73	56.41	10/22/1990	11:41	0.3	19	7.6	1500
1990	10	35	4	2	277	41	10.95	73	57.06	10/22/1990	11:26	0.3	19	7.1	1650
1990	10	35	6	2	231	41	11.23	73	53.69	10/22/1990	16:20	0.3	18.1	8.4	2150
1990	10	35	6	1	232	41	11.172	73	53.996	10/24/1990	15:25	0.3	18.4	8	2350
1990	10	36	4	2	226	41	11.8	73	57.5	10/22/1990	10:29	0.3	18.8	7.8	1500
1990	10	36	4	2	227	41	11.02	73	57.41	10/22/1990	11:12	0.3	18.9	7.6	1700
1990	10	36	4	2	281	41	11.13	73	57.16	10/22/1990	10:57	0.3	18.7	8	1800
1990	10	36	4	2	282	41	11.2	73	57.17	10/22/1990	10:43	0.3	18.8	8	1790
1990	10	37	4	4	224					10/22/1990	9:53	0.3	18.1	7.5	1100
1990	10	37	4	2	225	41	12.096	73	57.458	10/22/1990	10:14	0.3	19	7.1	2600

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1990	10	38	4	4	279	41	13.36	73	57.82	10/22/1990	9:26	0.3	18	7.5	1100
1990	10	38	4	4	280	41	13.4	73	57.81	10/22/1990	9:10	0.3	18.5	7.9	1000
1990	10	39	6	2	217	41	14.098	73	56.682	10/23/1990	8:52	0.3	18.5	7.1	1390
1990	10	40	6	1	210	41	14.87	73	57.74	10/23/1990	9:35	0.3	19	7.8	510
1990	10	40	6	1	213	41	14.64	73	57.15	10/23/1990	9:12	0.3	19	7.4	500
1990	10	42	4	2	206	41	16.412	73	58.1	10/23/1990	10:01	0.3	18.9	7.8	320
1990	10	46	4	2	198	41	19.7	73	59	10/23/1990	10:33	0.3	18	7.9	255
1990	10	49	4	2	196	41	21.16	73	57.74	10/23/1990	10:58	0.3	18.1	8.1	220
1990	10	51	6	2	195	41	22.87	73	50.61	10/23/1990	11:15	0.3	17.9	7.9	225
1990	10	52	6	4	194	41	24.12	73	56.81	10/24/1990	12:46	0.3	18	8	215
1990	10	53	4	4	192	41	24.19	73	57.95	10/24/1990	12:30	0.3	17.5	7	210
1990	10	55	6	4	189	41	25.66	73	58.14	10/24/1990	12:07	0.3	17	7.9	212
1990	10	56	4	4	187	41	26.83	74	0.5	10/24/1990	11:22	0.3	15.8	8.1	185
1990	10	56	4	4	188	41	26.47	73	59.66	10/24/1990	11:40	0.3	17.5	7.8	212
1990	10	57	4	4	185	41	27.68	74	0.73	10/24/1990	10:50	0.3	16.7	8	229
1990	10	57	4	4	186	41	27.28	74	0.8	10/24/1990	11:07	0.3	16.5	7.8	221
1990	10	59	6	4	178	41	29.25	73	59.32	10/24/1990	10:16	0.3	17	8	235
1990	10	59	6	4	181	41	29.04	73	59.33	10/24/1990	10:31	0.3	17	7.9	230
1990	10	62	4	4	173	41	31.59	74	0.28	10/24/1990	10:00	0.3	17.2	7.7	240
1990	10	64	4	4	163	41	33.48	73	59.05	10/24/1990	9:38	0.3	17.5	7.9	240
1990	10	69	6	2	157	41	36.97	73	56.85	10/23/1990	16:24	0.3	17.2	8	240
1990	10	71	4	2	154	41	38.88	73	57.23	10/23/1990	16:09	0.3	17.1	7.8	232
1990	10	76	6	2	145					10/23/1990	15:40	0.3	16.6	7.9	220
1990	10	77	6	2	141	41	44.46	73	56.21	10/23/1990	15:05	0.3	16.5	7.9	240
1990	10	77	6	2	142	41	43.92	73	56.14	10/23/1990	15:19	0.3	16.3	7.8	242
1990	10	81	4	2	135	41	47.474	73	57.457	10/23/1990	14:23	0.3	16.1	8.4	240
1990	10	83	4	2	131	41	49.33	73	57.31	10/23/1990	13:56	0.3	15.9	8.1	220
1990	10	83	4	2	133	41	48.74	73	57.19	10/23/1990	14:06	0.3	15.8	8.1	240
1990	10	86	6	2	125	41	51.75	73	55.89	10/23/1990	13:40	0.3	15.6	8.5	220
1990	10	88	6	2	122	41	53.023	73	56.214	10/23/1990	13:22	0.3	15.8	8.6	233
1990	10	90	6	2	120	41	54.02	73	57.2	10/23/1990	12:55	0.3	15.5	8.6	230
1990	10	92	4	4	118	41	56.32	73	58.1	10/23/1990	8:52	0.3	15.3	9	210
1990	10	93	4	4	116	41	57.05	73	57.77	10/23/1990	9:14	0.3	15.1	8.7	230
1990	10	94	4	4	113	41	58.38	73	57.25	10/23/1990	10:00	0.3	15	8.8	190
1990	10	94	4	4	115	41	57.78	73	57.47	10/23/1990	9:40	0.3	15.1	8.8	190
1990	10	95	4	4	111	41	59.083	73	57.079	10/23/1990	10:35	0.3	14.9	8.9	180
1990	10	95	6	4	112	41	58.238	73	56.123	10/23/1990	11:40	0.3	14.9	8.7	227
1990	10	96	4	4	105	42	0.22	73	56.65	10/23/1990	10:50	0.3	14.7	8.7	227
1990	10	97	6	4	104	42	0.26	73	55.792	10/23/1990	11:07	0.3	14.9	8.7	227
1990	10	99	6	2	99	42	2.02	73	55.73	10/22/1990	17:14	0.3	14.9	9.8	190
1990	10	105	4	2	97	42	7.68	73	55.13	10/22/1990	16:43	0.3	14.4	9.3	180
1990	10	106	4	2	96	42	8.147	73	54.796	10/22/1990	16:30	0.3	14.3	9	160
1990	10	107	4	2	95	42	8.94	73	54.32	10/22/1990	16:12	0.3	14.2	9	170

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1990	10	109	6	2	93	42	9.91	73	52.81	10/22/1990	15:51	0.3	14.2	9	180
1990	10	110	6	2	90	42	11.04	73	51.38	10/22/1990	15:40	0.3	14.1	9	170
1990	10	112	4	2	88	42	12.69	73	51.26	10/22/1990	15:25	0.3	14	9.2	210
1990	10	114	4	2	82	42	14.31	73	50.58	10/22/1990	15:07	0.3	14.2	9.1	190
1990	10	117	4	2	76	42	15.84	73	47.69	10/22/1990	14:48	0.3	13.9	9.3	210
1990	10	118	4	2	75	42	16.12	73	47.49	10/22/1990	14:30	0.3	13.8	10.1	200
1990	10	121	4	2	65	42	19.307	73	47.217	10/22/1990	14:09	0.3	13.7	9.3	170
1990	10	122	4	2	61	42	20.29	73	47.24	10/22/1990	13:35	0.3	13.6	9.4	200
1990	10	122	6	2	64	42	19.9	73	46.8	10/22/1990	13:50	0.3	13.9	9.2	200
1990	10	126	4	4	48	42	23.65	73	47.38	10/22/1990	12:30	0.3	13.4	9.5	170
1990	10	128	6	4	45					10/22/1990	12:10	0.3	13.4	9.5	180
1990	10	130	4	4	37	42	26.76	73	47.22	10/22/1990	11:55	0.3	13.2	9.5	170
1990	10	133	4	4	29	42	29.09	73	47.273	10/22/1990	11:35	0.3	12.7	10	190
1990	10	139	4	4	19	42	34.03	73	45.26	10/22/1990	11:08	0.3	13.1	9.9	190
1990	10	139	6	4	17	42	34.22	73	45.02	10/22/1990	10:50	0.3	12.8	10	180
1990	10	149	6	4	2	42	42	73	42.07	10/22/1990	10:15	0.3	12.5	10.9	120
1991	1	18	4	4	260	40	56.889	73	55.1	6/28/1991	17:04	0.3	27	10.6	16256
1991	1	21	6	4	257	40	59.13	73	53.13	6/28/1991	17:30	0.3	27.5	13.2	16281
1991	1	23	6	4	254	41	1.086	73	52.681	6/28/1991	17:55	0.3	27	11.4	14344
1991	1	25	4	4	250	41	2.86	73	55.07	6/28/1991	15:50	0.3	28.5	18	13914
1991	1	25	4	4	270	41	2.783	73	55.05	6/28/1991	16:11	0.3	29	19.6	14508
1991	1	26	4	4	246	41	3.6	73	55.2	6/28/1991	15:11	0.3	28.5	15.8	14285
1991	1	26	4	4	271	41	3.77	73	55.22	6/28/1991	14:52	0.3	29	17.6	13590
1991	1	26	4	4	283	41	8.34	73	54.4	6/28/1991	15:30	0.3	29	14.2	14233
1991	1	27	4	4	245	41	4.19	73	55.21	6/28/1991	14:33	0.3	20.5	18.6	15311
1991	1	29	4	4	242	41	6.1	73	54.88	6/28/1991	13:58	0.3	29	13	12029
1991	1	30	4	4	241	41	7.14	73	54.77	6/28/1991	13:33	0.3	28	15	12275
1991	1	32	4	2	239	41	8.81	73	54.6	6/28/1991	12:55	0.3	27	11.2	12431
1991	1	32	4	2	240	41	8.48	73	54.42	6/28/1991	13:20	0.3	28	12	12181
1991	1	32	6	4	237	41	9.274	73	52.181	6/28/1991	18:45	0.3	28.5	15.2	11131
1991	1	34	4	2	229	41	10.59	73	56.41	6/28/1991	12:15	0.3	27	9.2	14344
1991	1	34	4	2	230	41	10.59	73	56.39	6/28/1991	12:35	0.3	28	12.2	9464
1991	1	38	4	4	221	41	13.43	73	57.79	6/24/1991	15:32	0.3	26.2	7.4	8845
1991	1	38	4	4	222	41	12.979	73	57.867	6/24/1991	15:50	0.3	27.1	8	8493
1991	1	38	4	2	223	41	12.89	73	57.806	6/24/1991	16:30	0.3	27.1	7.9	8684
1991	1	38	4	4	278	41	12.96	73	57.828	6/24/1991	14:15	0.3	26.9	8.5	8911
1991	1	38	4	4	280	41	13.4	73	57.81	6/24/1991	15:15	0.3	26.5	7.4	8694
1991	1	40	6	4	213	41	14.64	73	57.15	6/24/1991	14:40	0.3	27	9.5	8702
1991	1	43	6	4	202	41	17.12	73	55.98	6/24/1991	13:40	0.3	25.1	8.6	5964
1991	1	43	6	4	203	41	16.91	73	56.26	6/24/1991	14:05	0.3	25.5	9.1	4930
1991	1	49	4	4	196	41	21.16	73	57.74	6/24/1991	13:10	0.3	25	6.4	7969
1991	1	52	6	4	193	41	24.12	73	57.31	6/24/1991	12:50	0.3	24.2	5.8	3433
1991	1	54	6	4	190	41	24.961	73	57.702	6/24/1991	12:30	0.3	24.8	6.6	2601

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1991	1	57	4	4	186	41	27.28	74	0.8	6/24/1991	11:59	0.3	24.1	7.9	1065
1991	1	58	4	4	183	41	28.02	74	0.87	6/24/1991	11:20	0.3	25.1	7	1392
1991	1	58	4	4	184	41	27.78	74	0.7	6/24/1991	11:44	0.3	25.1	7.1	1302
1991	1	63	6	2	169	41	32.07	73	58.83	6/29/1991	8:45	0.3	25.5	8.3	838
1991	1	65	4	2	162	41	33.99	73	58.39	6/29/1991	8:15	0.3	25	6.6	488
1991	1	69	4	2	155	41	37.44	73	57.43	6/29/1991	10:10	0.3	27.5	7.5	330
1991	1	69	6	2	156	41	37.03	73	56.88	6/29/1991	9:50	0.3	27	7.6	335
1991	1	69	6	2	157	41	36.97	73	56.85	6/29/1991	9:30	0.3	26	9	303
1991	1	71	4	2	153	41	39.06	73	57.257	6/29/1991	10:55	0.3	27	7.6	210
1991	1	71	4	2	154	41	38.88	73	57.23	6/29/1991	10:40	0.3	26.5	7.8	213
1991	1	72	6	2	152	41	39.77	73	56.55	6/29/1991	11:10	0.3	27.5	7.8	208
1991	1	77	6	2	141	41	44.46	73	56.21	6/26/1991	20:05	0.3	25	7	200
1991	1	80	6	2	137	41	46.14	73	56.82	6/26/1991	19:50	0.3	25	8	200
1991	1	81	4	2	135	41	47.474	73	57.457	6/26/1991	19:23	0.3	25	7.2	204
1991	1	83	4	2	131	41	49.33	73	57.31	6/26/1991	18:35	0.3	25	8.4	208
1991	1	83	4	2	133	41	48.74	73	57.19	6/26/1991	18:58	0.3	24.5	7.4	211
1991	1	84	4	2	129	41	50.61	73	57.28	6/26/1991	18:10	0.3	24.5	8.2	209
1991	1	85	4	2	128					6/26/1991	17:48	0.3	25.5	8	207
1991	1	85	6	2	127	41	51.18	73	56.5	6/26/1991	17:15	0.3	25.5	6	204
1991	1	86	4	2	126	41	51.44	73	56.97	6/26/1991	17:30	0.3	25	7	208
1991	1	86	6	2	125	41	51.75	73	55.89	6/26/1991	16:48	0.3	27.5	8.4	200
1991	1	87	4	2	123	41	52.616	73	57.292	6/26/1991	16:20	0.3	25.1	9.6	210
1991	1	89	6	2	121	41	53.84	73	57.04	6/26/1991	15:15	0.3	25.5	9	209
1991	1	90	6	2	120	41	54.02	73	57.2	6/26/1991	14:45	0.3	25	8.5	210
1991	1	91	6	2	119	41	55.847	73	56.774	6/26/1991	14:20	0.3	25.5	9.8	208
1991	1	92	4	2	118	41	56.32	73	58.1	6/26/1991	14:00	0.3	26	12	206
1991	1	93	4	2	116	41	57.05	73	57.77	6/26/1991	13:25	0.3	25	11.5	210
1991	1	94	4	2	115	41	57.78	73	57.47	6/26/1991	13:10	0.3	25.5	12	209
1991	1	95	4	2	111	41	59.083	73	57.079	6/26/1991	12:40	0.3	25	12.5	211
1991	1	96	4	2	105	42	0.22	73	56.65	6/26/1991	11:45	0.3	27	10.8	296
1991	1	96	4	2	108	41	59.76	73	56.81	6/26/1991	12:08	0.3	25.5	11.2	306
1991	1	96	4	2	110	41	59.4	73	56.94	6/26/1991	12:25	0.3	25	12.2	211
1991	1	96	6	2	106	42	59.99	73	55.94	6/26/1991	11:24	0.3	24.5	14	221
1991	1	97	4	4	102	42	0.83	73	56.38	6/26/1991	9:50	0.3	24.5	11.8	211
1991	1	97	4	2	103	42	0.5	73	56.51	6/26/1991	10:15	0.3	25.5	12.5	207
1991	1	97	6	2	104	42	0.26	73	55.792	6/26/1991	10:38	0.3	24.5	12.8	221
1991	1	98	4	4	100	42	1.67	73	56.54	6/26/1991	9:10	0.3	24	10.6	203
1991	1	98	4	4	101	42	1.426	73	56.456	6/26/1991	9:28	0.3	24	11.2	203
1991	1	99	6	4	99	42	2.02	73	55.73	6/26/1991	8:45	0.3	23.5	11	216
1991	1	105	4	4	97	42	7.68	73	55.13	6/26/1991	7:38	0.3	27	10.8	263
1991	1	105	4	4	98	42	7.33	73	55.3	6/26/1991	8:07	0.3	24	11.5	269
1991	1	106	4	4	96	42	8.147	73	54.796	6/26/1991	7:18	0.3	26	9.2	244
1991	1	113	4	2	86	42	13.12	73	51.33	6/25/1991	18:55	0.3	24	10.4	234

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1991	1	113	6	2	87	42	13.32	73	50.85	6/25/1991	18:30	0.3	25.5	9.2	226
1991	1	114	4	2	81	42	14.39	73	50.549	6/25/1991	17:30	0.3	25.5	10.2	276
1991	1	114	6	2	84	42	14.02	73	50.18	6/25/1991	17:48	0.3	26.5	10.6	309
1991	1	114	6	2	85	42	13.54	73	50.75	6/25/1991	18:10	0.3	26	10	265
1991	1	115	6	1	80	42	14.8	73	49.1	6/24/1991	17:02	0.3	27	10.3	225
1991	1	115	6	2	79	42	14.8	73	49	6/25/1991	16:42	0.3	26	10.4	223
1991	1	116	6	2	77	42	15.02	73	48.31	6/25/1991	16:22	0.3	26	10.5	223
1991	1	119	6	2	69	42	17.29	73	46.78	6/25/1991	15:50	0.3	27.5	10.6	237
1991	1	119	6	2	71	42	17.16	73	46.8	6/25/1991	16:05	0.3	27.5	10.8	225
1991	1	121	4	2	65	42	19.307	73	47.217	6/25/1991	15:20	0.3	26	10.2	223
1991	1	121	6	2	66	42	19.33	73	46.85	6/25/1991	15:02	0.3	26.5	10.8	232
1991	1	121	6	2	67	42	18.82	73	46.89	6/25/1991	15:30	0.3	26.9	9.9	228
1991	1	122	4	2	61	42	20.29	73	47.24	6/25/1991	14:30	0.3	26	10.5	312
1991	1	123	4	2	59					6/25/1991	13:50	0.3	27.5	11.6	227
1991	1	124	4	2	55	42	21.64	73	47.62	6/25/1991	12:48	0.3	27	11.4	220
1991	1	124	4	2	58					6/25/1991	13:35	0.3	26.1	10.5	224
1991	1	124	6	2	56	42	21.49	73	47.29	6/25/1991	13:02	0.3	27.1	11	219
1991	1	124	6	2	57	42	21.28	73	47.32	6/25/1991	13:18	0.3	27.2	11.1	219
1991	1	126	4	2	50	42	23.21	73	47.62	6/25/1991	12:12	0.3	27	10.8	220
1991	1	128	6	2	45					6/25/1991	11:47	0.3	26.5	10.4	222
1991	1	129	6	4	40	42	25.67	73	46.67	6/24/1991	11:10	0.3	26.2	11	204
1991	1	129	6	4	42	42	25.226	73	46.523	6/25/1991	11:24	0.3	26.5	10.6	232
1991	1	131	4	4	35	42	27.8	73	47.1	6/25/1991	10:40	0.3	25.3	7.2	218
1991	1	132	4	4	32	42	28.13	73	47.21	6/25/1991	10:20	0.3	25	7	199
1991	1	133	4	4	29	42	29.09	73	47.273	6/25/1991	10:00	0.3	25.5	8.4	207
1991	1	135	4	4	26	42	30.91	73	46.27	6/25/1991	9:35	0.3	25.2	9.6	198
1991	1	137	6	4	24	42	32.262	73	45.288	6/25/1991	9:15	0.3	25	6.3	220
1991	1	138	4	4	20	42	33.5	73	45.35	6/25/1991	8:21	0.3	23.5	6.2	226
1991	1	139	4	4	18	42	34.14	73	45.24	6/25/1991	8:02	0.3	24.5	6.2	221
1991	1	139	6	4	14	42	34.34	73	45.02	6/25/1991	7:40	0.3	24	6.4	193
1991	2	18	6	4	261	40	56.27	73	54.17	7/11/1991	11:52	0.3	25	6.4	20121
1991	2	22	6	4	256	40	59.97	73	53.05	7/11/1991	12:23	0.3	25.6	7	19089
1991	2	23	6	4	254	41	1.086	73	52.681	7/11/1991	12:47	0.3	25.3	7.2	18810
1991	2	25	6	4	251	41	2.46	73	52.42	7/11/1991	13:06	0.3	25.9	7.4	17407
1991	2	26	4	4	246	41	3.6	73	55.2	7/11/1991	11:00	0.3	26.1	9.4	13635
1991	2	26	4	4	283	41	8.34	73	54.4	7/11/1991	11:16	0.3	26	9.6	13761
1991	2	26	6	4	247	41	3.891	73	52.077	7/11/1991	13:56	0.3	26.1	9.4	16460
1991	2	26	6	4	249	41	2.67	73	52.3	7/11/1991	13:30	0.3	25.8	7.5	17541
1991	2	27	4	4	245	41	4.19	73	55.21	7/11/1991	10:37	0.3	25.8	9.6	13131
1991	2	29	4	4	242	41	6.1	73	54.88	7/11/1991	10:13	0.3	25.3	8.8	12969
1991	2	30	4	4	241	41	7.14	73	54.77	7/11/1991	9:58	0.3	25	8	12850
1991	2	31	4	4	285	41	3.607	73	55.196	7/11/1991	9:43	0.3	25.3	7.2	12672
1991	2	32	6	4	237	41	9.274	73	52.181	7/11/1991	14:21	0.3	27.2	13.2	14000

Hudson River Beach Seine Water Quality Data, 1982-1992

YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1991	2	32	6	4	269	41	9.445	73	52.243	7/11/1991	14:34	0.3	27.5	12	14009
1991	2	35	4	4	229	41	10.59	73	56.41	7/11/1991	9:24	0.3	26.1	6.6	10713
1991	2	35	6	4	231	41	11.23	73	53.69	7/11/1991	14:58	0.3	28	15	12369
1991	2	36	4	2	227	41	11.02	73	57.41	7/8/1991	10:20	0.3	26	8.2	11223
1991	2	36	4	2	282	41	11.2	73	57.17	7/8/1991	10:02	0.3	28	6.6	1115
1991	2	37	4	2	225	41	12.096	73	57.458	7/8/1991	10:50	0.3	26.1	7.8	10908
1991	2	38	4	4	222	41	12.979	73	57.867	7/11/1991	9:06	0.3	25.8	7.6	10093
1991	2	38	4	4	279	41	13.36	73	57.82	7/11/1991	9:00	0.3	25.6	7.3	10135
1991	2	39	6	4	217	41	14.098	73	56.682	7/11/1991	15:24	0.3	27.2	12.6	12476
1991	2	40	4	4	214	41	14.31	73	58.5	7/11/1991	8:41	0.3	25.3	6	10494
1991	2	42	4	4	206	41	16.412	73	58.1	7/11/1991	7:50	0.3	25.9	5.8	10073
1991	2	53	6	4	191	41	24.882	73	57.554	7/12/1991	12:56	0.3	26.8	7.6	4330
1991	2	54	6	4	190	41	24.961	73	57.702	7/12/1991	12:40	0.3	26	6.3	4772
1991	2	55	6	4	189	41	25.66	73	58.14	7/12/1991	12:25	0.3	26.5	7.1	4193
1991	2	58	4	2	183	41	28.02	74	0.87	7/12/1991	11:54	0.3	26.2	7.9	2692
1991	2	58	4	2	184	41	27.78	74	0.7	7/12/1991	12:07	0.3	27.3	7.8	2642
1991	2	59	6	2	179	41	29.24	73	59.34	7/12/1991	11:41	0.3	26.8	7.4	2775
1991	2	62	4	2	171	41	32.19	73	59.91	7/12/1991	11:05	0.3	26.5	6.5	1014
1991	2	62	4	2	173	41	31.59	74	0.28	7/12/1991	11:19	0.3	26.8	7.1	1354
1991	2	63	6	2	169	41	32.07	73	58.83	7/12/1991	9:00	0.3	24.8	5.7	1780
1991	2	65	4	2	162	41	33.99	73	58.39	7/12/1991	10:48	0.3	26	7	586
1991	2	66	4	2	160	41	34.777	73	57.753	7/12/1991	10:33	0.3	26	9.3	927
1991	2	68	4	2	159	41	36.49	73	57.64	7/12/1991	10:11	0.3	25.3	7	408
1991	2	69	4	2	155	41	37.44	73	57.43	7/12/1991	9:51	0.3	25.7	7.4	319
1991	2	71	4	2	154	41	38.88	73	57.23	7/12/1991	9:38	0.3	25	6.9	269
1991	2	77	6	4	140	41	44.56	73	56.17	7/10/1991	18:00	0.3	24	7.8	264
1991	2	77	6	4	141	41	44.46	73	56.21	7/10/1991	18:20	0.3	24	7.9	263
1991	2	82	4	4	134	41	48.51	73	57.22	7/10/1991	17:30	0.3	23.5	9.2	266
1991	2	83	4	2	131	41	49.33	73	57.31	7/10/1991	16:55	0.3	24	10.2	260
1991	2	83	4	2	133	41	48.74	73	57.19	7/10/1991	17:18	0.3	23.9	8.8	265
1991	2	84	6	2	130	41	50.19	73	56.63	7/10/1991	16:20	0.3	24.5	9.2	262
1991	2	85	4	2	128					7/10/1991	16:00	0.3	25	11.2	259
1991	2	85	6	2	127	41	51.18	73	56.5	7/10/1991	13:45	0.3	24	10.2	259
1991	2	86	6	2	125	41	51.75	73	55.89	7/10/1991	15:25	0.3	25	12	259
1991	2	87	4	2	123	41	52.616	73	57.292	7/10/1991	15:04	0.3	24.1	11	260
1991	2	89	6	2	121	41	53.84	73	57.04	7/10/1991	14:50	0.3	24.9	10.2	255
1991	2	90	6	2	120	41	54.02	73	57.2	7/10/1991	14:33	0.3	25	10.2	258
1991	2	91	6	2	119	41	55.847	73	56.774	7/10/1991	14:10	0.3	24.5	11	257
1991	2	92	4	4	118	41	56.32	73	58.1	7/10/1991	8:00	0.3	24	9.8	346
1991	2	93	4	4	116	41	57.05	73	57.77	7/10/1991	9:00	0.3	24	9	259
1991	2	93	6	2	117	41	57.036	73	56.721	7/10/1991	13:45	0.3	25	11	249
1991	2	94	4	2	113	41	58.38	73	57.25	7/10/1991	9:42	0.3	23.5	10.2	401
1991	2	94	4	2	115	41	57.78	73	57.47	7/10/1991	9:25	0.3	23.5	10.2	259

Hudson River Beach Seine Water Quality Data, 1982-1992

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1991	2	94	6	2	114	41	58.085	73	56.467	7/10/1991	12:50	0.3	25	10	254
1991	2	95	4	2	111	41	59.083	73	57.079	7/10/1991	9:58	0.3	23.4	9.6	268
1991	2	96	4	2	105	42	0.22	73	56.65	7/10/1991	10:33	0.3	24.5	9.8	262
1991	2	96	4	2	108	41	59.76	73	56.81	7/10/1991	10:20	0.3	23.6	10.1	262
1991	2	96	4	2	110	41	59.4	73	56.94	7/10/1991	10:08	0.3	23.2	10.2	264
1991	2	96	6	2	109	41	59.43	73	56.012	7/10/1991	12:28	0.3	25.5	10.4	251
1991	2	97	4	2	102	42	0.83	73	56.38	7/10/1991	11:01	0.3	24.9	10.9	260
1991	2	97	4	2	103	42	0.5	73	56.51	7/10/1991	10:45	0.3	24.5	9.9	202
1991	2	97	6	2	104	42	0.26	73	55.792	7/10/1991	11:50	0.3	24.5	9.5	257
1991	2	98	4	2	100	42	1.67	73	56.54	7/10/1991	11:30	0.3	24.5	10	262
1991	2	99	6	2	99	42	2.02	73	55.73	7/9/1991	19:12	0.3	25.9	10.8	233
1991	2	105	4	2	98	42	7.33	73	55.3	7/9/1991	18:40	0.3	25.5	9.6	245
1991	2	106	4	2	96	42	8.147	73	54.796	7/9/1991	18:22	0.3	26	9.6	262
1991	2	108	6	2	94	42	9.56	73	53.18	7/9/1991	18:00	0.3	27	9.1	249
1991	2	109	6	2	93	42	9.91	73	52.81	7/9/1991	17:50	0.3	26.9	10	231
1991	2	111	6	2	89					7/9/1991	17:25	0.3	28	10	239
1991	2	113	4	2	86	42	13.12	73	51.33	7/9/1991	17:52	0.3	26	8.4	249
1991	2	114	6	2	84	42	14.02	73	50.18	7/9/1991	16:35	0.3	28.5	8.7	241
1991	2	114	6	2	85	42	13.54	73	50.75	7/9/1991	16:51	0.3	27	9.6	248
1991	2	116	4	2	78					7/9/1991	16:15	0.3	27.5	9.1	246
1991	2	116	6	2	77	42	15.02	73	48.31	7/9/1991	15:51	0.3	27.5	9.2	251
1991	2	117	4	2	76	42	15.84	73	47.69	7/9/1991	15:30	0.3	27	8.9	247
1991	2	119	6	2	69	42	17.29	73	46.78	7/9/1991	15:13	0.3	27.9	8.8	243
1991	2	121	4	2	65	42	19.307	73	47.217	7/9/1991	14:15	0.3	27.2	8.5	229
1991	2	121	4	2	68	42	18.53	73	47.1	7/9/1991	14:40	0.3	26.5	8.5	232
1991	2	121	6	2	66	42	19.33	73	46.85	7/9/1991	14:25	0.3	26.9	9.4	236
1991	2	122	4	2	61	42	20.29	73	47.24	7/9/1991	13:40	0.3	24.5	8.5	237
1991	2	122	4	2	63	42	19.84	73	47.18	7/9/1991	13:56	0.3	27.9	9	235
1991	2	123	4	2	60	42	20.64	73	47.39	7/9/1991	13:25	0.3	28.5	9.6	238
1991	2	124	4	2	55	42	21.64	73	47.62	7/9/1991	12:23	0.3	27.1	8.5	234
1991	2	124	6	2	56	42	21.49	73	47.29	7/9/1991	11:35	0.3	27.5	9.2	241
1991	2	124	6	2	57	42	21.28	73	47.32	7/9/1991	13:06	0.3	26.9	8.5	235
1991	2	126	4	2	49	42	23.4	73	47.52	7/9/1991	11:55	0.3	28.5	10.4	243
1991	2	128	6	2	43	42	25.02	73	46.62	7/9/1991	11:40	0.3	27	8.6	239
1991	2	129	6	2	40	42	25.67	73	46.67	7/9/1991	11:20	0.3	27	9	250
1991	2	130	4	4	37	42	26.76	73	47.22	7/9/1991	10:53	0.3	26.1	8.4	243
1991	2	131	4	4	33	42	28.06	73	47.13	7/9/1991	10:00	0.3	26	8	249
1991	2	131	4	4	35	42	27.8	73	47.1	7/9/1991	10:20	0.3	26.8	10	239
1991	2	132	6	4	31	42	28.65	73	47.09	7/9/1991	9:40	0.3	26	9.1	239
1991	2	133	4	4	29	42	29.09	73	47.273	7/9/1991	9:20	0.3	26.9	7.6	258
1991	2	134	4	4	27	42	30.17	73	46.88	7/9/1991	9:00	0.3	25.9	8.3	266
1991	2	135	4	4	26	42	30.91	73	46.27	7/9/1991	8:40	0.3	26	8	246
1991	2	138	4	4	21	42	33.51	73	45.33	7/9/1991	8:20	0.3	26	7.8	254

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1991	2	139	4	4	18	42	34.14	73	45.24	7/9/1991	8:00	0.3	25	8.5	249
1991	3	18	4	2	260	40	56.889	73	55.1	7/25/1991	12:44	0.3	25.6	7.6	19679
1991	3	22	6	2	254	41	1.086	73	52.681	7/25/1991	13:30	0.3	26.9	8.6	16289
1991	3	22	6	2	257	40	59.13	73	53.13	7/25/1991	13:09	0.3	26.3	8	18430
1991	3	24	6	2	252	41	2.057	73	52.505	7/25/1991	13:54	0.3	27	7.4	18073
1991	3	25	4	2	250	41	2.86	73	55.07	7/25/1991	12:06	0.3	26.5	8.9	14974
1991	3	25	6	2	251	41	2.46	73	52.42	7/25/1991	14:10	0.3	27	8.2	17213
1991	3	26	4	2	246	41	3.6	73	55.2	7/25/1991	11:30	0.3	26.5	7.2	14684
1991	3	26	4	2	283	41	8.34	73	54.4	7/25/1991	11:50	0.3	27	9.1	17978
1991	3	27	4	2	272	41	4.49	73	55.14	7/25/1991	11:15	0.3	26.1	7.4	14512
1991	3	28	6	2	243	41	5.683	73	52.214	7/25/1991	14:48	0.3	26.5	11	14491
1991	3	28	6	2	244	41	5.33	73	52.33	7/25/1991	14:31	0.3	27	9.8	13579
1991	3	30	4	2	241	41	7.14	73	54.77	7/25/1991	10:50	0.3	26.2	7.2	13608
1991	3	32	4	2	239	41	8.81	73	54.6	7/25/1991	10:10	0.3	27	6.1	14726
1991	3	32	4	2	240	41	8.48	73	54.42	7/25/1991	10:40	0.3	26.5	8	14297
1991	3	35	4	2	229	41	10.59	73	56.41	7/25/1991	9:50	0.3	26.5	6.8	11206
1991	3	35	4	2	277	41	10.95	73	57.06	7/25/1991	9:30	0.3	27	7.1	12623
1991	3	36	4	4	226	41	11.8	73	57.5	7/25/1991	9:15	0.3	28	6.9	11900
1991	3	37	4	4	224					7/25/1991	8:45	0.3	28	7	11432
1991	3	38	4	4	223	41	12.89	73	57.806	7/24/1991	8:20	0.3	27.4	6.8	10528
1991	3	38	4	4	280	41	13.4	73	57.81	7/24/1991	7:55	0.3	27.8	6.9	10349
1991	3	38	4	4	221	41	13.43	73	57.79	7/25/1991	8:05	0.3	27.9	7	10328
1991	3	41	6	4	208	41	15.72	73	50.84	7/24/1991	7:30	0.3	28.5	12.4	9368
1991	3	42	6	4	207	41	15.3	73	57.8	7/25/1991	7:08	0.3	28.5	6.8	9368
1991	3	46	4	4	198	41	19.7	73	59	7/24/1991	19:50	0.3	27.2	7.1	5619
1991	3	49	4	4	196	41	21.16	73	57.74	7/24/1991	19:35	0.3	27.9	7	4507
1991	3	52	6	2	193	41	24.12	73	57.31	7/24/1991	19:00	0.3	28.5	7.8	3812
1991	3	52	6	4	194	41	24.12	73	56.81	7/24/1991	19:14	0.3	28	8.2	3645
1991	3	56	4	4	187	41	26.83	74	0.5	7/24/1991	18:30	0.3	28.5	12.2	2783
1991	3	57	4	4	185	41	27.68	74	0.73	7/24/1991	18:15	0.3	28.5	11.9	2968
1991	3	58	4	4	183	41	28.02	74	0.87	7/24/1991	18:00	0.3	29	12	2892
1991	3	63	6	4	167	41	32.41	73	58.61	7/24/1991	17:20	0.3	28	11	1546
1991	3	63	6	4	169	41	32.07	73	58.83	7/24/1991	17:35	0.3	28.5	11	6029
1991	3	64	4	4	163	41	33.48	73	59.05	7/24/1991	17:00	0.3	27.4	6.8	759
1991	3	69	4	4	155	41	37.44	73	57.43	7/24/1991	16:15	0.3	28.5	11.9	370
1991	3	69	6	4	157	41	36.97	73	56.85	7/24/1991	16:30	0.3	28	7	440
1991	3	69	6	4	158	41	36.94	73	56.81	7/24/1991	16:40	0.3	29	6.8	551
1991	3	72	4	4	151	41	40.04	73	57.11	7/24/1991	15:45	0.3	29	7.8	275
1991	3	76	4	4	146	41	42.94	73	56.87	7/24/1991	15:20	0.3	27.8	8.4	292
1991	3	78	4	4	139	41	44.786	73	56.758	7/24/1991	14:58	0.3	28	8.2	225
1991	3	80	6	4	137	41	46.14	73	56.82	7/24/1991	14:40	0.3	27.9	9.2	224
1991	3	81	4	4	135	41	47.474	73	57.457	7/24/1991	14:20	0.3	27.5	8.4	218
1991	3	82	4	2	134	41	48.51	73	57.22	7/24/1991	14:00	0.3	27.5	9	222

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1991	3	83	4	2	131	41	49.33	73	57.31	7/24/1991	13:20	0.3	28	9.9	233
1991	3	83	4	2	133	41	48.74	73	57.19	7/24/1991	13:40	0.3	28	9.2	225
1991	3	84	4	2	129	41	50.61	73	57.28	7/24/1991	13:00	0.3	28	9.4	224
1991	3	85	6	2	127	41	51.18	73	56.5	7/24/1991	12:43	0.3	27	8	222
1991	3	86	6	2	125	41	51.75	73	55.89	7/24/1991	12:28	0.3	27.9	9.6	221
1991	3	87	4	2	123	41	52.616	73	57.292	7/24/1991	12:04	0.3	27.5	10.8	232
1991	3	89	6	2	121	41	53.84	73	57.04	7/24/1991	11:47	0.3	27	9.1	222
1991	3	90	6	2	120	41	54.02	73	57.2	7/24/1991	11:34	0.3	27	9.5	225
1991	3	91	6	2	119	41	55.847	73	56.774	7/24/1991	11:15	0.3	28.5	10.8	223
1991	3	92	4	4	118	41	56.32	73	58.1	7/24/1991	8:00	0.3	24	9.8	346
1991	3	93	4	4	116	41	57.05	73	57.77	7/24/1991	8:20	0.3	28.1	8.5	257
1991	3	93	6	2	117	41	57.036	73	56.721	7/24/1991	10:50	0.3	28.5	10	237
1991	3	94	4	4	113	41	58.38	73	57.25	7/24/1991	9:04	0.3	27.2	9.7	239
1991	3	94	4	4	115	41	57.78	73	57.47	7/24/1991	8:45	0.3	27.8	9.4	226
1991	3	94	6	2	114	41	58.085	73	56.467	7/24/1991	10:40	0.3	27.5	10.2	225
1991	3	95	4	4	111	41	59.083	73	57.079	7/24/1991	9:20	0.3	27	9.5	238
1991	3	95	6	2	112	41	58.238	73	56.123	7/24/1991	10:25	0.3	28	9.9	225
1991	3	96	4	4	105	42	0.22	73	56.65	7/24/1991	9:54	0.3	28.5	10	234
1991	3	96	4	4	108	41	59.76	73	56.81	7/24/1991	9:40	0.3	28	9.7	236
1991	3	96	4	4	110	41	59.4	73	56.94	7/24/1991	9:30	0.3	27.5	9.8	237
1991	3	97	4	4	102	42	0.83	73	56.38	7/23/1991	19:14	0.3	26.9	9.1	241
1991	3	97	4	2	103	42	0.5	73	56.51	7/24/1991	10:04	0.3	28.4	9.9	224
1991	3	98	4	4	99	42	2.02	73	55.73	7/23/1991	18:45	0.3	27	8.6	215
1991	3	98	4	4	101	42	1.426	73	56.456	7/23/1991	17:00	0.3	26.9	9.1	241
1991	3	105	4	4	97	42	7.68	73	55.13	7/23/1991	18:04	0.3	27.2	9.8	238
1991	3	105	4	4	98	42	7.33	73	55.3	7/23/1991	18:16	0.3	27.1	9.1	215
1991	3	106	4	4	96	42	8.147	73	54.796	7/23/1991	17:51	0.3	27.1	9.1	234
1991	3	113	4	4	86	42	13.12	73	51.33	7/23/1991	17:20	0.3	27.5	8.4	218
1991	3	115	6	4	79	42	14.8	73	49	7/23/1991	16:40	0.3	27.2	8.9	276
1991	3	116	4	4	78					7/23/1991	16:55	0.3	28.5	10.2	255
1991	3	116	6	4	77	42	15.02	73	48.31	7/23/1991	16:17	0.3	27.4	9.6	255
1991	3	117	4	4	76	42	15.84	73	47.69	7/23/1991	15:55	0.3	28.5	9.2	260
1991	3	118	4	4	73	42	16.76	73	47.67	7/23/1991	15:24	0.3	28	9.6	247
1991	3	118	4	4	75	42	16.12	73	47.49	7/23/1991	15:40	0.3	28.5	10.1	251
1991	3	119	6	4	69	42	17.29	73	46.78	7/23/1991	15:05	0.3	29	10.4	242
1991	3	121	4	2	65	42	19.307	73	47.217	7/23/1991	14:10	0.3	28.8	9.2	240
1991	3	121	4	4	68	42	18.53	73	47.1	7/23/1991	14:50	0.3	27.9	9	245
1991	3	121	6	4	66	42	19.33	73	46.85	7/23/1991	14:22	0.3	29	9.6	243
1991	3	121	6	4	67	42	18.82	73	46.89	7/23/1991	14:35	0.3	28.5	9.4	246
1991	3	122	4	2	61	42	20.29	73	47.24	7/23/1991	13:15	0.3	28.6	8.4	236
1991	3	122	4	2	63	42	19.84	73	47.18	7/23/1991	13:55	0.3	28.5	9.4	237
1991	3	122	6	2	62	42	20.105	73	46.848	7/23/1991	13:28	0.3	28.8	8.8	243
1991	3	122	6	2	64	42	19.9	73	46.8	7/23/1991	13:40	0.3	28.6	8.6	244

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1991	3	123	4	2	59					7/23/1991	12:55	0.3	28.5	10.2	255
1991	3	124	4	2	55	42	21.64	73	47.62	7/23/1991	12:15	0.3	28.1	8.9	271
1991	3	124	6	2	57	42	21.28	73	47.32	7/23/1991	12:30	0.3	28.1	9.4	238
1991	3	126	4	2	48	42	23.65	73	47.38	7/23/1991	11:35	0.3	28.3	8.4	243
1991	3	126	4	2	50	42	23.21	73	47.62	7/23/1991	11:53	0.3	29	9.1	257
1991	3	128	6	2	43	42	25.02	73	46.62	7/23/1991	11:12	0.3	28.1	10	252
1991	3	129	4	2	40	42	25.67	73	46.67	7/23/1991	10:58	0.3	28	8.2	247
1991	3	129	6	2	38	42	26.05	73	46.82	7/23/1991	10:38	0.3	28.1	8.2	254
1991	3	131	4	2	33	42	28.06	73	47.13	7/23/1991	10:00	0.3	28	7	248
1991	3	132	4	2	32	42	28.13	73	47.21	7/23/1991	9:40	0.3	27	8	268
1991	3	133	4	2	29	42	29.09	73	47.273	7/23/1991	9:23	0.3	28	8.4	255
1991	3	134	4	2	27	42	30.17	73	46.88	7/23/1991	9:05	0.3	28.1	7.8	276
1991	3	135	4	2	25	42	31.16	73	46.06	7/23/1991	8:45	0.3	28	8	319
1991	3	138	4	2	20	42	33.5	73	45.35	7/23/1991	8:04	0.3	28	6.7	220
1991	3	138	4	2	21	42	33.51	73	45.33	7/23/1991	8:20	0.3	28.1	6.5	271
1991	4	18	6	2	261	40	56.27	73	54.17	8/5/1991	15:38	0.3	26.5	10.6	18838
1991	4	19	6	2	259	40	57.735	73	53.561	8/5/1991	16:00	0.3	26.4	10.7	18489
1991	4	22	6	2	256	40	59.97	73	53.05	8/5/1991	16:20	0.3	26.2	10.3	18467
1991	4	23	6	2	254	41	1.086	73	52.681	8/5/1991	16:53	0.3	26.4	10.1	16263
1991	4	23	6	2	255	41	0.74	73	52.83	8/5/1991	16:40	0.3	26.4	10.9	16456
1991	4	25	4	4	250	41	2.86	73	55.07	8/8/1991	13:25	0.3	27.3	12	16348
1991	4	25	5	4	250	41	2.86	73	55.07	8/5/1991	14:50	0.3	27.4	12.7	16125
1991	4	26	4	4	246	41	3.6	73	55.2	8/5/1991	14:15	0.3	27.4	13	16314
1991	4	26	4	4	271	41	3.77	73	55.22	8/5/1991	13:50	0.3	27.2	12.9	16381
1991	4	26	4	4	283	41	8.34	73	54.4	8/5/1991	14:35	0.3	27.6	13.5	16248
1991	4	26	4	4	246	41	3.6	73	55.2	8/8/1991	12:37	0.3	26.6	11	16486
1991	4	26	4	4	271	41	3.77	73	55.22	8/8/1991	12:12	0.3	26.6	10.4	16389
1991	4	26	4	4	283	41	8.34	73	54.4	8/8/1991	13:00	0.3	27.2	11.6	16476
1991	4	26	6	4	247	41	3.891	73	52.077	8/8/1991	14:08	0.3	27.1	9.7	17368
1991	4	26	6	4	248	41	3.273	73	52.221	8/8/1991	13:50	0.3	26.9	8.3	18397
1991	4	27	4	4	245	41	4.19	73	55.21	8/5/1991	13:28	0.3	27.1	11.9	16223
1991	4	27	4	4	245	41	4.19	73	55.21	8/8/1991	11:50	0.3	26.4	10.4	16359
1991	4	28	6	4	244	41	5.33	73	52.33	8/8/1991	14:25	0.3	28	10	16960
1991	4	29	4	4	242	41	6.1	73	54.88	8/5/1991	12:55	0.3	27.1	13	15746
1991	4	29	4	4	242	41	6.1	73	54.88	8/8/1991	11:25	0.3	26.5	9.4	15843
1991	4	30	4	4	241	41	7.14	73	54.77	8/8/1991	11:00	0.3	26.3	8.9	15617
1991	4	31	4	4	285	41	3.607	73	55.196	8/5/1991	12:24	0.3	27.3	14.9	14447
1991	4	31	4	4	285	41	3.607	73	55.196	8/8/1991	10:40	0.3	26	8.7	16103
1991	4	32	4	4	239	41	8.81	73	54.6	8/5/1991	11:50	0.3	27.3	9.1	13401
1991	4	32	4	4	240	41	8.48	73	54.42	8/5/1991	12:05	0.3	27.1	9.9	13456
1991	4	32	4	4	239	41	8.81	73	54.6	8/8/1991	10:09	0.3	26.4	8.7	14714
1991	4	32	4	4	240	41	8.48	73	54.42	8/8/1991	10:27	0.3	26.1	8.7	16070
1991	4	32	6	4	238	41	8.85	73	52.123	8/8/1991	14:56	0.3	28	10.4	14524

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1991	4	32	6	4	269	41	9.445	73	52.243	8/8/1991	15:05	0.3	28.1	10.1	14401
1991	4	35	4	4	229	41	10.59	73	56.41	8/8/1991	9:40	0.3	27.1	7.6	12597
1991	4	35	4	4	230	41	10.59	73	56.39	8/8/1991	9:50	0.3	27.2	7.4	12952
1991	4	35	4	4	277	41	10.95	73	57.06	8/8/1991	9:27	0.3	27	7.6	12814
1991	4	35	6	4	231	41	11.23	73	53.69	8/8/1991	15:40	0.3	29.1	15	12829
1991	4	36	4	4	226	41	11.8	73	57.5	8/5/1991	11:20	0.3	27.5	9.3	12495
1991	4	36	4	4	227	41	11.02	73	57.41	8/8/1991	9:19	0.3	27.1	7.7	12788
1991	4	36	4	4	281	41	11.13	73	57.16	8/8/1991	9:10	0.3	26.1	6.5	13148
1991	4	36	4	4	282	41	11.2	73	57.17	8/8/1991	9:00	0.3	26	8.1	13273
1991	4	36	6	4	228	41	12.25	73	53.5	8/8/1991	16:02	0.3	29.5	12.7	11817
1991	4	37	4	4	225	41	12.096	73	57.458	8/5/1991	11:00	0.3	28	9.8	12556
1991	4	38	4	4	221	41	13.43	73	57.79	8/5/1991	9:35	0.3	27	7.8	11953
1991	4	38	4	4	222	41	12.979	73	57.867	8/5/1991	10:35	0.3	27.4	9.6	11951
1991	4	38	4	4	278	41	12.96	73	57.828	8/5/1991	10:20	0.3	27.5	9.6	11832
1991	4	38	4	4	280	41	13.4	73	57.81	8/5/1991	9:50	0.3	27.1	7.8	11929
1991	4	41	6	2	208	41	15.72	73	50.84	8/8/1991	8:27	0.3	27.1	6.3	10879
1991	4	42	4	2	206	41	16.412	73	58.1	8/8/1991	8:10	0.3	26.3	6.6	10767
1991	4	43	6	2	203	41	16.91	73	56.26	8/8/1991	7:44	0.3	25	8.5	8965
1991	4	46	4	2	198	41	19.7	73	59	8/7/1991	19:00	0.3	26.6	7.5	7520
1991	4	46	6	2	199	41	19.42	73	58.77	8/7/1991	19:15	0.3	26	7.5	7710
1991	4	52	4	2	194	41	24.12	73	56.81	8/7/1991	18:25	0.3	26.9	8	4504
1991	4	53	4	2	192	41	24.19	73	57.95	8/7/1991	18:00	0.3	26.6	9.8	3962
1991	4	53	6	2	191	41	24.882	73	57.554	8/7/1991	17:40	0.3	26.6	7.4	4203
1991	4	54	6	2	190	41	24.961	73	57.702	8/7/1991	17:20	0.3	26.7	7.4	4233
1991	4	55	6	4	189	41	25.66	73	58.14	8/7/1991	16:55	0.3	28	9	3654
1991	4	56	4	2	187	41	26.83	74	0.5	8/7/1991	16:28	0.3	29	10	3287
1991	4	57	4	2	185	41	27.68	74	0.73	8/7/1991	16:04	0.3	29	11.5	3535
1991	4	58	4	2	184	41	27.78	74	0.7	8/7/1991	15:50	0.3	28.6	10	3073
1991	4	59	6	4	178	41	29.25	73	59.32	8/7/1991	14:54	0.3	27.6	8.1	2740
1991	4	59	6	4	180	41	29.08	73	59.37	8/7/1991	15:15	0.3	27.2	7.8	3429
1991	4	59	6	4	181	41	29.04	73	59.33	8/7/1991	15:30	0.3	26.9	7.6	3450
1991	4	69	6	2	157	41	36.97	73	56.85	8/7/1991	7:51	0.3	25.5	5.7	651
1991	4	69	6	2	158	41	36.94	73	56.81	8/7/1991	8:20	0.3	24.8	6.6	610
1991	4	72	6	2	152	41	39.77	73	56.55	8/7/1991	8:54	0.3	25.1	5.3	309
1991	4	76	4	2	144					8/7/1991	9:50	0.3	25.4	5	259
1991	4	76	4	2	146	41	42.94	73	56.87	8/7/1991	9:25	0.3	25.2	5.2	267
1991	4	77	6	2	142	41	43.92	73	56.14	8/7/1991	10:03	0.3	25.4	4.6	268
1991	4	78	4	2	139	41	44.786	73	56.758	8/7/1991	10:25	0.3	25.3	4.9	238
1991	4	81	4	2	135	41	47.474	73	57.457	8/7/1991	11:33	0.3	25.4	5.1	257
1991	4	81	6	2	136					8/7/1991	11:00	0.3	25	5.6	256
1991	4	82	4	2	134	41	48.51	73	57.22	8/7/1991	11:55	0.3	25.5	5	255
1991	4	86	4	2	126	41	51.44	73	56.97	8/7/1991	12:40	0.3	25.7	5.2	252
1991	4	89	6	4	121	41	53.84	73	57.04	8/7/1991	13:10	0.3	26.2	5.1	251

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1991	4	90	6	4	120	41	54.02	73	57.2	8/7/1991	13:24	0.3	26.3	5.5	252
1991	4	91	6	2	119	41	55.847	73	56.774	8/7/1991	13:37	0.3	26.2	5	251
1991	4	93	4	4	116	41	57.05	73	57.77	8/6/1991	19:25	0.3	24.9		265
1991	4	94	4	4	113	41	58.38	73	57.25	8/6/1991	18:55	0.3	25	5.7	264
1991	4	94	4	4	115	41	57.78	73	57.47	8/6/1991	19:10	0.3	24.5	5.4	272
1991	4	95	4	4	111	41	59.083	73	57.079	8/6/1991	18:35	0.3	24.9	7.2	263
1991	4	97	4	4	102	42	0.83	73	56.38	8/6/1991	18:00	0.3	25	6.4	262
1991	4	97	4	4	103	42	0.5	73	56.51	8/6/1991	18:19	0.3	25	6.2	260
1991	4	98	4	4	100	42	1.67	73	56.54	8/6/1991	17:20	0.3	24.8	6.5	260
1991	4	105	4	4	97	42	7.68	73	55.13	8/6/1991	16:40	0.3	25.4	6	257
1991	4	105	4	4	98	42	7.33	73	55.3	8/6/1991	16:50	0.3	25.4	5.9	262
1991	4	106	4	4	96	42	8.147	73	54.796	8/6/1991	16:20	0.3	25.5	5.7	280
1991	4	109	6	4	93	42	9.91	73	52.81	8/6/1991	16:00	0.3	25.4	6.5	252
1991	4	113	4	4	86	42	13.12	73	51.33	8/6/1991	15:35	0.3	25.3	6.6	257
1991	4	114	4	4	82	42	14.31	73	50.58	8/6/1991	15:20	0.3	25.3	6.9	262
1991	4	115	6	4	79	42	14.8	73	49	8/6/1991	14:50	0.3	25.3	6.3	258
1991	4	115	6	4	80	42	14.8	73	49.1	8/6/1991	15:00	0.3	25.4	6.4	258
1991	4	119	4	4	70	42	17.317	73	47.373	8/6/1991	14:15	0.3	26.1	7.1	258
1991	4	121	4	2	68	42	18.53	73	47.1	8/6/1991	13:30	0.3	25.9	7.8	265
1991	4	121	6	2	66	42	19.33	73	46.85	8/6/1991	13:15	0.3	25.6	8.3	261
1991	4	122	6	2	62	42	20.105	73	46.848	8/6/1991	12:56	0.3	25.2	8.2	258
1991	4	124	6	2	56	42	21.49	73	47.29	8/6/1991	12:30	0.3	25.6	9.8	256
1991	4	128	4	2	44	42	25	73	46.99	8/6/1991	12:00	0.3	25.6	9.4	255
1991	4	129	6	2	39	42	25.879	73	46.76	8/6/1991	11:40	0.3	25.8	9.8	250
1991	4	130	4	2	37	42	26.76	73	47.22	8/6/1991	10:42	0.3	26.2	8	246
1991	4	133	4	2	29	42	29.09	73	47.273	8/5/1991	10:20	0.3	25.8	7.2	246
1991	4	134	4	2	28	42	30.027	73	46.913	8/6/1991	10:00	0.3	25.7	6.6	241
1991	4	139	4	1	18	42	34.14	73	45.24	8/6/1991	8:20	0.3	23.5	6.8	258
1991	4	139	4	2	19	42	34.03	73	45.26	8/6/1991	9:20	0.3	25.7	6.2	244
1991	5	18	4	4	260	40	56.889	73	55.1	8/21/1991	11:35	0.3	24.5	6.6	16102
1991	5	18	6	4	261	40	56.27	73	54.17	8/21/1991	12:00	0.3	25	5.6	18727
1991	5	19	6	4	259	40	57.735	73	53.561	8/21/1991	12:22	0.3	25.1	6.2	18092
1991	5	20	6	4	258	40	57.73	73	53.661	8/21/1991	12:44	0.3	25.1	6.5	17893
1991	5	22	6	4	256	40	59.97	73	53.05	8/21/1991	12:58	0.3	25.2	6.3	17063
1991	5	24	6	4	252	41	2.057	73	52.505	8/21/1991	13:48	0.3	26	6.8	15713
1991	5	24	6	4	253	41	1.169	73	52.711	8/21/1991	13:30	0.3	25.9	7.1	15647
1991	5	25	4	4	250	41	2.86	73	55.07	8/21/1991	10:46	0.3	24.3	6.1	13541
1991	5	25	4	4	270	41	2.783	73	55.05	8/21/1991	11:00	0.3	24.5	6.6	13284
1991	5	25	6	4	251	41	2.46	73	52.42	8/21/1991	14:05	0.3	26.8	6.8	15170
1991	5	26	4	4	246	41	3.6	73	55.2	8/21/1991	10:10	0.3	23.8	6.2	13273
1991	5	26	4	4	271	41	3.77	73	55.22	8/21/1991	9:50	0.3	23.4	6.7	13177
1991	5	26	4	4	283	41	8.34	73	54.4	8/21/1991	10:28	0.3	24.1	5.9	13394
1991	5	26	6	4	247	41	3.891	73	52.077	8/21/1991	14:56	0.3	27.5	7.1	14388

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1991	5	26	6	4	248	41	3.273	73	52.221	8/21/1991	14:40	0.3	27	7	14248
1991	5	26	6	4	249	41	2.67	73	52.3	8/21/1991	14:25	0.3	26.8	7.1	14786
1991	5	27	4	3	245	41	4.19	73	55.21	8/21/1991	9:32	0.3	23.9	6.3	13246
1991	5	27	4	2	272	41	4.49	73	55.14	8/21/1991	9:12	0.3	24	7.1	13218
1991	5	28	6	4	243	41	5.683	73	52.214	8/21/1991	15:25	0.3	27.6	6.9	13131
1991	5	28	6	4	244	41	5.33	73	52.33	8/21/1991	15:10	0.3	28	6.9	13587
1991	5	29	4	2	242	41	6.1	73	54.88	8/21/1991	8:50	0.3	25	6.4	13448
1991	5	30	4	2	241	41	7.14	73	54.77	8/21/1991	8:30	0.3	24.8	5.5	13003
1991	5	31	4	2	285	41	3.607	73	55.196	8/21/1991	8:09	0.3	25.9	6.3	12909
1991	5	32	4	2	239	41	8.81	73	54.6	8/21/1991	7:44	0.3	26	6.7	11906
1991	5	32	4	2	240	41	8.48	73	54.42	8/21/1991	8:00	0.3	25.9	6.5	12811
1991	5	32	6	2	237	41	9.274	73	52.181	8/21/1991	16:00	0.3	26.9	7.8	11690
1991	5	32	6	2	238	41	8.85	73	52.123	8/21/1991	15:45	0.3	27	7.3	12431
1991	5	32	6	2	269	41	9.445	73	52.243	8/21/1991	16:16	0.3	26.9	7.9	11690
1991	5	33	6	2	236	41	9.79	73	52.202	8/21/1991	16:33	0.3	26.3	8.2	11640
1991	5	34	6	2	233	41	10.662	73	53.922	8/21/1991	17:11	0.3	26.5	6.9	11496
1991	5	34	6	2	234	41	10.19	73	53.93	8/21/1991	16:55	0.3	25.9	6.9	11637
1991	5	35	4	4	277	41	10.95	73	57.06	8/22/1991	10:21	0.3	27.1	6.4	10497
1991	5	35	6	2	231	41	11.23	73	53.69	8/21/1991	17:40	0.3	26.4	11.2	11423
1991	5	35	6	2	232	41	11.172	73	53.996	8/21/1991	18:10	0.3	26.5	11.7	11399
1991	5	35	6	2	274	41	11.17	73	53.71	8/21/1991	17:30	0.3	26.5	10	11206
1991	5	35	6	2	275	41	11.31	73	53.54	8/21/1991	17:51	0.3	26.6	11.3	11472
1991	5	36	4	4	227	41	11.02	73	57.41	8/22/1991	10:10	0.3	27.1	6.3	10497
1991	5	36	4	4	281	41	11.13	73	57.16	8/22/1991	10:40	0.3	27.8	6.6	10349
1991	5	36	4	4	282	41	11.2	73	57.17	8/22/1991	10:30	0.3	27.1	6.3	10497
1991	5	37	4	2	225	41	12.096	73	57.458	8/22/1991	9:55	0.3	27.1	5.9	10593
1991	5	38	4	2	278	41	12.96	73	57.828	8/22/1991	9:42	0.3	27	5.9	10041
1991	5	38	4	2	279	41	13.36	73	57.82	8/22/1991	9:31	0.3	27	5.9	10041
1991	5	38	4	2	280	41	13.4	73	57.81	8/22/1991	9:20	0.3	26.9	5.8	9965
1991	5	39	6	2	217	41	14.098	73	56.682	8/22/1991	9:00	0.3	25.4	5.9	10473
1991	5	40	4	2	209	41	14.97	73	58	8/22/1991	8:26	0.3	26.5	6.2	8694
1991	5	40	6	2	213	41	14.64	73	57.15	8/22/1991	8:41	0.3	26.8	5.7	9602
1991	5	41	6	2	208	41	15.72	73	50.84	8/22/1991	8:13	0.3	26.6	5.8	8869
1991	5	46	6	4	199	41	19.42	73	58.77	8/22/1991	11:21	0.3	27.1	5.7	6298
1991	5	48	4	4	197	41	20.86	73	58.08	8/22/1991	11:37	0.3	28	8.3	4873
1991	5	49	4	4	196	41	21.16	73	57.74	8/22/1991	11:55	0.3	27.4	6.1	5027
1991	5	52	6	4	194	41	24.12	73	56.81	8/22/1991	12:19	0.3	28	6.4	4217
1991	5	53	4	4	192	41	24.19	73	57.95	8/22/1991	12:40	0.3	26.5	7.5	4251
1991	5	55	6	4	189	41	25.66	73	58.14	8/22/1991	13:00	0.3	28	6.4	3748
1991	5	56	4	4	188	41	26.47	73	59.66	8/22/1991	13:18	0.3	27.1	7.2	2481
1991	5	57	4	4	185	41	27.68	74	0.73	8/22/1991	13:40	0.3	27.5	7.1	2016
1991	5	57	4	4	186	41	27.28	74	0.8	8/22/1991	13:50	0.3	28	7.3	1996
1991	5	59	6	4	178	41	29.25	73	59.32	8/22/1991	14:40	0.3	28.1	7.4	1786

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1991	5	59	6	4	179	41	29.24	73	59.34	8/22/1991	14:24	0.3	27.9	7.3	1775
1991	5	59	6	4	180	41	29.08	73	59.37	8/22/1991	14:14	0.3	28.1	7.1	1777
1991	5	62	4	4	171	41	32.19	73	59.91	8/22/1991	15:00	0.3	27.9	6.2	1080
1991	5	65	4	4	162	41	33.99	73	58.39	8/22/1991	15:20	0.3	26.5	6	821
1991	5	69	4	2	155	41	37.44	73	57.43	8/23/1991	8:27	0.3	23	6.4	323
1991	5	69	6	2	157	41	36.97	73	56.85	8/23/1991	8:10	0.3	25	6.3	433
1991	5	71	4	2	154	41	38.88	73	57.23	8/23/1991	8:50	0.3	25	5.8	279
1991	5	77	6	2	140	41	44.56	73	56.17	8/23/1991	9:45	0.3	23.8	6.8	270
1991	5	77	6	2	143	41	43.83	73	56.16	8/23/1991	9:27	0.3	25	6	267
1991	5	80	6	2	137	41	46.14	73	56.82	8/23/1991	10:10	0.3	24.5	6.6	265
1991	5	82	4	2	134	41	48.51	73	57.22	8/23/1991	11:00	0.3	24.5	8.5	264
1991	5	85	6	2	127	41	51.18	73	56.5	8/23/1991	11:37	0.3	24.5	6.9	270
1991	5	86	4	2	125	41	51.75	73	55.89	8/23/1991	12:00	0.3	25	8.2	260
1991	5	87	4	2	123	41	52.616	73	57.292	8/23/1991	12:27	0.3	23.8	9	268
1991	5	90	6	2	120	41	54.02	73	57.2	8/23/1991	12:50	0.3	25.9	8.4	258
1991	5	91	6	2	119	41	55.847	73	56.774	8/23/1991	13:15	0.3	26.1	9.2	261
1991	5	92	4	4	118	41	56.32	73	58.1	8/23/1991	13:35	0.3	26.5	9.6	278
1991	5	95	4	4	111	41	59.083	73	57.079	8/20/1991	18:55	0.3	24.3	8.3	259
1991	5	96	4	4	105	42	0.22	73	56.65	8/20/1991	18:00	0.3	24.1	8.3	257
1991	5	96	4	4	108	41	59.76	73	56.81	8/20/1991	18:14	0.3	24.1	8.2	259
1991	5	96	4	4	110	41	59.4	73	56.94	8/20/1991	18:32	0.3	24	8.3	259
1991	5	97	4	4	103	42	0.5	73	56.51	8/20/1991	17:46	0.3	23.8	9	257
1991	5	98	4	4	100	42	1.67	73	56.54	8/20/1991	17:06	0.3	24.2	8.1	256
1991	5	105	4	4	97	42	7.68	73	55.13	8/20/1991	16:18	0.3	24.7	8.9	250
1991	5	105	4	4	98	42	7.33	73	55.3	8/20/1991	16:30	0.3	24.6	8.8	250
1991	5	106	4	4	96	42	8.147	73	54.796	8/20/1991	15:54	0.3	24.9	8.3	261
1991	5	114	4	2	81	42	14.39	73	50.549	8/20/1991	14:48	0.3	24.9	8.8	240
1991	5	114	4	2	83	42	14.26	73	50.71	8/20/1991	15:24	0.3	25	8	245
1991	5	115	6	2	80	42	14.8	73	49.1	8/20/1991	14:28	0.3	25.1	8	243
1991	5	117	4	2	76	42	15.84	73	47.69	8/20/1991	13:54	0.3	25.1	8.8	240
1991	5	119	6	2	72	42	16.82	73	47.28	8/20/1991	13:40	0.3	25.1	8.4	239
1991	5	121	4	2	65	42	19.307	73	47.217	8/20/1991	13:05	0.3	25.1	8	244
1991	5	121	6	2	66	42	19.33	73	46.85	8/20/1991	13:18	0.3	24.9	8.8	248
1991	5	123	4	2	60	42	20.64	73	47.39	8/20/1991	12:20	0.3	25	7.8	248
1991	5	124	4	2	55	42	21.64	73	47.62	8/20/1991	11:12	0.3	24.8	6.8	264
1991	5	124	6	2	56	42	21.49	73	47.29	8/20/1991	11:40	0.3	24.7	7.5	261
1991	5	126	4	2	48	42	23.65	73	47.38	8/20/1991	10:40	0.3	25	6.8	260
1991	5	129	6	2	38	42	26.05	73	46.82	8/20/1991	9:45	0.3	25	7.5	250
1991	5	129	6	2	42	42	25.226	73	46.523	8/20/1991	10:18	0.3	24.9	7.2	256
1991	5	130	4	2	37	42	26.76	73	47.22	8/20/1991	9:28	0.3	25	6.6	257
1991	5	131	4	4	33	42	28.06	73	47.13	8/20/1991	8:35	0.3	24.9	6.3	256
1991	5	131	4	4	35	42	27.8	73	47.1	8/20/1991	8:55	0.3	25	6.7	256
1991	5	133	4	4	29	42	29.09	73	47.273	8/20/1991	8:05	0.3	25	6.1	254

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1991	6	15	4	2	263	40	54.252	73	55.961	9/3/1991	14:20	0.3	25	9.4	18129
1991	6	16	4	2	262	40	54.9	73	55.7	9/3/1991	14:00	0.3	25	9.4	17930
1991	6	18	4	2	260	40	56.889	73	55.1	9/3/1991	13:40	0.3	25	8.6	17233
1991	6	18	6	2	261	40	56.27	73	54.17	9/3/1991	14:40	0.3	25.5	10.6	16959
1991	6	22	6	2	256	40	59.97	73	53.05	9/3/1991	15:10	0.3	25.5	10.5	15874
1991	6	24	6	2	252	41	2.057	73	52.505	9/3/1991	15:50	0.3	25.9	11	13789
1991	6	24	6	2	253	41	1.169	73	52.711	9/3/1991	15:33	0.3	25.5	12	14592
1991	6	25	4	4	250	41	2.86	73	55.07	9/3/1991	12:20	0.3	25.1	9.4	15010
1991	6	25	4	4	270	41	2.783	73	55.05	9/3/1991	12:44	0.3	25	11	15539
1991	6	25	6	2	251	41	2.46	73	52.42	9/3/1991	16:05	0.3	25.5	12	14296
1991	6	26	4	4	246	41	3.6	73	55.2	9/3/1991	11:35	0.3	24.5	11.9	13586
1991	6	26	4	4	271	41	3.77	73	55.22	9/3/1991	11:14	0.3	24	9.8	14133
1991	6	26	4	4	283	41	8.34	73	54.4	9/3/1991	11:58	0.3	24.6	10.1	14663
1991	6	26	6	2	247	41	3.891	73	52.077	9/3/1991	16:45	0.3	25.2	11.9	14781
1991	6	26	6	2	248	41	3.273	73	52.221	9/3/1991	16:32	0.3	25.5	10.5	14296
1991	6	26	6	2	249	41	2.67	73	52.3	9/3/1991	16:20	0.3	25.5	10.5	14296
1991	6	27	4	4	245	41	4.19	73	55.21	9/3/1991	10:50	0.3	24	8.6	14032
1991	6	27	4	4	272	41	4.49	73	55.14	9/3/1991	10:30	0.3	23.9	9.8	13449
1991	6	28	6	2	243	41	5.683	73	52.214	9/3/1991	17:10	0.3	25.5	11.5	13606
1991	6	28	6	2	244	41	5.33	73	52.33	9/3/1991	16:58	0.3	25.5	11.4	13606
1991	6	29	4	4	242	41	6.1	73	54.88	9/3/1991	10:05	0.3	24.1	10.4	14409
1991	6	30	4	4	241	41	7.14	73	54.77	9/3/1991	9:39	0.3	23.5	9.4	12739
1991	6	31	4	4	285	41	3.607	73	55.196	9/3/1991	9:15	0.3	24.5	8.6	12077
1991	6	32	4	4	239	41	8.81	73	54.6	9/3/1991	8:33	0.3	25	8.4	10957
1991	6	32	4	4	240	41	8.48	73	54.42	9/3/1991	8:57	0.3	24.9	8	11778
1991	6	32	6	4	237	41	9.274	73	52.181	9/6/1991	12:20	0.3	25	12.8	12153
1991	6	32	6	4	238	41	8.85	73	52.123	9/6/1991	12:03	0.3	24.9	11	12477
1991	6	32	6	4	269	41	9.445	73	52.243	9/6/1991	12:30	0.3	25	8.5	12451
1991	6	33	6	4	236	41	9.79	73	52.202	9/6/1991	12:48	0.3	24.9	12.2	11978
1991	6	34	6	4	234	41	10.19	73	53.93	9/6/1991	13:10	0.3	25.5	11	11733
1991	6	35	4	4	229	41	10.59	73	56.41	9/6/1991	11:22	0.3	26.2	7.6	10692
1991	6	35	4	4	230	41	10.59	73	56.39	9/6/1991	11:30	0.3	25.9	7	10953
1991	6	35	4	4	277	41	10.95	73	57.06	9/6/1991	11:09	0.3	26	7.5	10247
1991	6	36	4	2	226	41	11.8	73	57.5	9/6/1991	10:25	0.3	26.1	7.4	9934
1991	6	36	4	4	227	41	11.02	73	57.41	9/6/1991	10:58	0.3	26.2	7.5	10400
1991	6	36	4	2	281	41	11.13	73	57.16	9/6/1991	10:48	0.3	26	7.6	10247
1991	6	36	4	2	282	41	11.2	73	57.17	9/6/1991	10:40	0.3	26	7.6	9955
1991	6	37	4	4	225	41	12.096	73	57.458	9/6/1991	10:10	0.3	26.1	7.1	9934
1991	6	38	4	4	278	41	12.96	73	57.828	9/6/1991	9:54				
1991	6	38	4	2	221	41	13.43	73	57.79	9/6/1991	9:30	0.3	26.4	7.1	10261
1991	6	38	4	2	223	41	12.89	73	57.806	9/6/1991	9:45	0.3	26.2	7.1	10206
1991	6	38	4	2	279	41	13.36	73	57.82	9/6/1991	9:38	0.3	26.4	7.1	9970
1991	6	38	4	2	280	41	13.4	73	57.81	9/6/1991	9:20	0.3	26.2	6.9	10303

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1991	6	39	4	2	216	41	13.48	73	57.84	9/6/1991	9:10	0.3	26.1	6.9	9740
1991	6	40	4	2	214	41	14.31	73	58.5	9/6/1991	8:57	0.3	26	6.8	9662
1991	6	40	6	2	210	41	14.87	73	57.74	9/6/1991	8:10	0.3	25.5	7.2	9761
1991	6	43	6	2	203	41	16.91	73	56.26	9/6/1991	7:22	0.3	23.9	7	6011
1991	6	43	6	2	204	41	16.693	73	56.484	9/6/1991	7:43	0.3	25	7.5	8069
1991	6	51	6	4	195	41	22.87	73	50.61	9/5/1991	16:59	0.3	26	12.1	5660
1991	6	52	6	4	193	41	24.12	73	57.31	9/5/1991	16:33	0.3	26	12	4392
1991	6	52	6	4	194	41	24.12	73	56.81	9/5/1991	16:20	0.3	26	14	4392
1991	6	53	4	4	192	41	24.19	73	57.95	9/5/1991	16:02				
1991	6	55	6	2	189	41	25.66	73	58.14	9/5/1991	15:29	0.3	24.5	14.2	3764
1991	6	56	4	4	187	41	26.83	74	0.5	9/5/1991	15:00	0.3	25	12	2490
1991	6	57	4	4	185	41	27.68	74	0.73	9/5/1991	14:40	0.3	26	13.5	2342
1991	6	58	4	4	184	41	27.78	74	0.7	9/5/1991	14:20	0.3	25	11	2092
1991	6	59	6	4	178	41	29.25	73	59.32	9/5/1991	13:44	0.3	24.1	12.4	2029
1991	6	59	6	4	181	41	29.04	73	59.33	9/5/1991	14:00	0.3	24.4	11	2017
1991	6	60	6	4	177	41	29.52	73	59.24	9/5/1991	13:30	0.3	24	13	2034
1991	6	62	4	4	171	41	32.19	73	59.91	9/5/1991	13:00	0.3	25	10	1046
1991	6	66	4	4	160	41	34.777	73	57.753	9/5/1991	12:30	0.3	24.5	13	423
1991	6	69	6	2	158	41	36.94	73	56.81	9/5/1991	12:00	0.3	25	12.2	388
1991	6	71	4	2	153	41	39.06	73	57.257	9/5/1991	11:30	0.3	24	12	295
1991	6	74	6	2	148	41	41.15	73	56.31	9/5/1991	11:07	0.3	24.5	10.5	272
1991	6	77	6	2	141	41	44.46	73	56.21	9/5/1991	10:10	0.3	23.8	8.9	276
1991	6	77	6	2	142	41	43.92	73	56.14	9/5/1991	10:20	0.3	23.9	9.4	276
1991	6	77	6	2	143	41	43.83	73	56.16	9/5/1991	10:37	0.3	23.6	10.5	278
1991	6	83	4	2	131	41	49.33	73	57.31	9/5/1991	9:36	0.3	23.2	12	268
1991	6	84	4	2	129	41	50.61	73	57.28	9/5/1991	9:20	0.3	25	12	260
1991	6	87	4	4	123	41	52.616	73	57.292	9/5/1991	7:17	0.3	21.8	7.6	234
1991	6	88	6	2	122	41	53.023	73	56.214	9/5/1991	7:49	0.3	23	8.6	291
1991	6	89	6	2	121	41	53.84	73	57.04	9/5/1991	8:11	0.3	23.5	9.6	252
1991	6	90	6	2	120	41	54.02	73	57.2	9/5/1991	8:30	0.3	23.5	9.8	289
1991	6	91	6	2	119	41	55.847	73	56.774	9/5/1991	8:52	0.3	23	12	240
1991	6	94	6	4	113	41	58.38	73	57.25	9/4/1991	18:00	0.3	22.9	6	291
1991	6	95	6	4	111	41	59.083	73	57.079	9/4/1991	17:40	0.3	23.1	8.6	249
1991	6	96	4	4	105	42	0.22	73	56.65	9/4/1991	16:44	0.3	23	8.2	254
1991	6	96	4	4	108	41	59.76	73	56.81	9/4/1991	17:00	0.3	23.9	8	239
1991	6	96	6	4	110	41	59.4	73	56.94	9/4/1991	17:15	0.3	23.5	8	241
1991	6	97	4	4	103	42	0.5	73	56.51	9/4/1991	16:30	0.3	22.9	8.6	276
1991	6	105	4	4	97	42	7.68	73	55.13	9/4/1991	15:45	0.3	24	8.9	275
1991	6	105	4	4	98	42	7.33	73	55.3	9/4/1991	16:00	0.3	24	7.8	259
1991	6	106	4	4	96	42	8.147	73	54.796	9/4/1991	15:25	0.3	24	8.2	259
1991	6	114	4	4	83	42	14.26	73	50.71	9/4/1991	14:30	0.3	24	8	239
1991	6	114	6	4	84	42	14.02	73	50.18	9/4/1991	14:50	0.3	24.6	7.6	271
1991	6	114	6	4	85	42	13.54	73	50.75	9/4/1991	15:00	0.3	25	8.4	238

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1991	6	118	4	4	75	42	16.12	73	47.49	9/4/1991	13:59	0.3	22.9	8.4	249
1991	6	119	6	2	71	42	17.16	73	46.8	9/4/1991	13:42	0.3	22	8.5	286
1991	6	122	4	2	63	42	19.84	73	47.18	9/4/1991	12:30	0.3	22.5	8.8	240
1991	6	123	4	2	59					9/4/1991	11:50	0.3	23.9	10	280
1991	6	123	4	2	60	42	20.64	73	47.39	9/4/1991	12:07	0.3	23.5	9.8	277
1991	6	124	6	2	56	42	21.49	73	47.29	9/4/1991	11:17	0.3	24	10	244
1991	6	124	6	2	57	42	21.28	73	47.32	9/4/1991	11:35	0.3	23.9	8.8	235
1991	6	129	4	2	40	42	25.67	73	46.67	9/4/1991	10:50	0.3	24.1	7.8	264
1991	6	133	4	2	29	42	29.09	73	47.273	9/4/1991	10:25	0.3	24	7.2	296
1991	6	137	6	2	24	42	32.262	73	45.288	9/4/1991	9:58	0.3	28	8	207
1991	6	139	4	2	19	42	34.03	73	45.26	9/4/1991	9:30	0.3	25.9	7.4	185
1991	6	145	6	4	4	42	39.51	73	44.09	9/4/1991	8:49	0.3	24	7.8	208
1991	6	148	6	4	3	42	41.41	73	42.584	9/4/1991	8:10	0.3	23	11	247
1991	6	151	4	4	1	42	44.51	73	41.196	9/4/1991	7:30	0.3	21.9	7.3	241
1991	7	15	4	2	263	40	54.252	73	55.961	9/16/1991	13:17	0.3	26.5	16	16616
1991	7	16	4	2	262	40	54.9	73	55.7	9/16/1991	13:03	0.3	26	15	16689
1991	7	18	4	2	260	40	56.889	73	55.1	9/16/1991	12:44	0.3	26.5	14	15746
1991	7	19	6	2	259	40	57.735	73	53.561	9/16/1991	13:36	0.3	27	15.6	14248
1991	7	22	6	2	256	40	59.97	73	53.05	9/16/1991	13:58	0.3	26	16.2	14834
1991	7	24	6	2	252	41	2.057	73	52.505	9/16/1991	14:30	0.3	25.9	14.5	14180
1991	7	24	6	2	253	41	1.169	73	52.711	9/16/1991	14:13	0.3	26.5	16.2	13525
1991	7	25	4	4	250	41	2.86	73	55.07	9/16/1991	11:53	0.3	25.6	16	13775
1991	7	25	4	4	270	41	2.783	73	55.05	9/16/1991	12:06	0.3	25	15	13946
1991	7	25	6	2	251	41	2.46	73	52.42	9/16/1991	14:41	0.3	25.9	15	14278
1991	7	26	4	4	246	41	3.6	73	55.2	9/16/1991	11:21	0.3	25	16.2	13149
1991	7	26	4	4	271	41	3.77	73	55.22	9/16/1991	11:03	0.3	25.2	12.9	12797
1991	7	26	4	4	283	41	8.34	73	54.4	9/16/1991	11:39	0.3	25.5	12	13409
1991	7	26	6	2	247	41	3.891	73	52.077	9/16/1991	15:13	0.3	26	12	12687
1991	7	26	6	2	248	41	3.273	73	52.221	9/16/1991	15:02	0.3	26.5	16	12752
1991	7	26	6	2	249	41	2.67	73	52.3	9/16/1991	14:50	0.3	25.9	12.5	14180
1991	7	27	4	4	245	41	4.19	73	55.21	9/16/1991	10:46	0.3	24.9	12.9	12477
1991	7	27	4	4	272	41	4.49	73	55.14	9/16/1991	10:30	0.3	24.5	11.5	12580
1991	7	28	6	2	243	41	5.683	73	52.214	9/16/1991	15:42	0.3	26.5	13.5	12075
1991	7	28	6	2	244	41	5.33	73	52.33	9/16/1991	15:30	0.3	26.5	13	12558
1991	7	29	4	4	242	41	6.1	73	54.88	9/16/1991	10:09	0.3	24.9	10.9	12776
1991	7	30	4	2	241	41	7.14	73	54.77	9/16/1991	9:46	0.3	24	9.8	11185
1991	7	31	4	2	285	41	3.607	73	55.196	9/16/1991	9:34	0.3	24.7	9	11025
1991	7	32	4	2	239	41	8.81	73	54.6	9/16/1991	8:55	0.3	24.5	9	10869
1991	7	32	4	2	240	41	8.48	73	54.42	9/16/1991	9:20	0.3	24.6	9	11048
1991	7	32	6	2	237	41	9.274	73	52.181	9/16/1991	16:14	0.3	26.5	16.5	10626
1991	7	32	6	2	238	41	8.85	73	52.123	9/16/1991	16:01	0.3	26	15	10735
1991	7	32	6	2	269	41	9.445	73	52.243	9/16/1991	16:30	0.3	26.2	15	10692
1991	7	33	6	2	236	41	9.79	73	52.202	9/16/1991	16:43	0.3	26.5	12.5	11303

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1991	7	34	6	2	234	41	10.19	73	53.93	9/16/1991	17:00	0.3	26	13	11028
1991	7	35	4	4	277	41	10.95	73	57.06	9/18/1991	10:26	0.3	25	9.1	10160
1991	7	35	6	2	231	41	11.23	73	53.69	9/16/1991	17:42	0.3	25	13	11256
1991	7	35	6	2	232	41	11.172	73	53.996	9/16/1991	17:19	0.3	24.9	12.2	10980
1991	7	35	6	2	274	41	11.17	73	53.71	9/16/1991	17:30	0.3	25	13.5	11356
1991	7	35	6	2	275	41	11.31	73	53.54	9/16/1991	17:55	0.3	25.2	13.5	11111
1991	7	36	4	4	227	41	11.02	73	57.41	9/18/1991	10:05	0.3	24.8	9.6	9902
1991	7	36	4	2	281	41	11.13	73	57.16	9/18/1991	9:59	0.3	25	9.9	10160
1991	7	36	4	2	282	41	11.2	73	57.17	9/18/1991	9:50	0.3	24.9	10	10081
1991	7	38	4	2	222	41	12.979	73	57.867	9/18/1991	9:04	0.3	25	6.9	9911
1991	7	38	4	2	223	41	12.89	73	57.806	9/18/1991	9:33	0.3	25.5	7.4	9810
1991	7	38	4	2	278	41	12.96	73	57.828	9/18/1991	9:21	0.3	25	7.6	9911
1991	7	38	4	2	279	41	13.36	73	57.82	9/18/1991	9:13	0.3	24.9	7.4	9932
1991	7	38	4	2	280	41	13.4	73	57.81	9/18/1991	8:50	0.3	24.8	6.9	9902
1991	7	40	6	2	211	41	14.88	73	57.6	9/18/1991	8:01	0.3	24.5	6.5	9259
1991	7	40	6	2	212					9/18/1991	8:18	0.3	24.5	6.4	9359
1991	7	40	6	2	213	41	14.64	73	57.15	9/18/1991	8:30	0.3	24.1	6.2	10046
1991	7	43	6	2	202	41	17.12	73	55.98	9/18/1991	7:16	0.3	24	6.4	3752
1991	7	43	6	2	203	41	16.91	73	56.26	9/18/1991	7:35	0.3	22.8	7	7192
1991	7	49	4	4	196	41	21.16	73	57.74	9/18/1991	11:10	0.3	24.5	8.8	5535
1991	7	52	6	4	193	41	24.12	73	57.31	9/18/1991	11:49	0.3	25.6	8.5	3936
1991	7	52	6	4	194	41	24.12	73	56.81	9/18/1991	11:30	0.3	25.5	7.9	3924
1991	7	53	4	4	192	41	24.19	73	57.95	9/18/1991	12:05	0.3	25	9.4	3417
1991	7	55	6	4	189	41	25.66	73	58.14	9/18/1991	12:30	0.3	25	7.6	2690
1991	7	56	4	4	187	41	26.83	74	0.5	9/18/1991	13:10	0.3	25.6	9.4	1870
1991	7	56	4	4	188	41	26.47	73	59.66	9/18/1991	12:50	0.3	25.1	7.5	2013
1991	7	57	4	4	185	41	27.68	74	0.73	9/18/1991	13:52	0.3	26	9.5	1854
1991	7	57	4	4	186	41	27.28	74	0.8	9/18/1991	13:33	0.3	26.2	10	1856
1991	7	59	6	4	180	41	29.08	73	59.37	9/18/1991	14:34	0.3	25	8.4	1843
1991	7	59	6	4	181	41	29.04	73	59.33	9/18/1991	14:20	0.3	25.4	8.6	1788
1991	7	63	6	4	169	41	32.07	73	58.83	9/18/1991	14:54	0.3	25.6	9.2	1368
1991	7	64	6	4	165	41	32.66	73	58.52	9/18/1991	15:14	0.3	25.8	9	980
1991	7	69	6	2	156	41	37.03	73	56.88	9/18/1991	16:00	0.3	25	8.4	598
1991	7	69	6	2	157	41	36.97	73	56.85	9/18/1991	15:45	0.3	25.1	9	706
1991	7	71	4	2	154	41	38.88	73	57.23	9/18/1991	16:30	0.3	24	7.8	325
1991	7	77	6	2	140	41	44.56	73	56.17	9/19/1991	8:36	0.3	23.5	6	297
1991	7	77	6	2	141	41	44.46	73	56.21	9/19/1991	8:20	0.3	23.2	6.2	289
1991	7	77	6	2	142	41	43.92	73	56.14	9/19/1991	8:05	0.3	23.1	6.4	299
1991	7	78	4	2	139	41	44.786	73	56.758	9/19/1991	9:04	0.3	23	6.5	290
1991	7	81	4	2	135	41	47.474	73	57.457	9/19/1991	9:41	0.3	22.9	6.9	281
1991	7	86	6	2	125	41	51.75	73	55.89	9/19/1991	10:45	0.3	22.9	8.8	281
1991	7	88	6	2	122	41	53.023	73	56.214	9/19/1991	10:56	0.3	22.9	7.8	282
1991	7	89	6	2	121	41	53.84	73	57.04	9/19/1991	11:15	0.3	23	8.6	281

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1991	7	90	6	2	120	41	54.02	73	57.2	9/19/1991	11:30	0.3	22.9	8.6	271
1991	7	93	4	2	116	41	57.05	73	57.77	9/17/1991	17:40	0.3	24.1	9	258
1991	7	96	4	4	105	42	0.22	73	56.65	9/17/1991	17:01	0.3	23.8	8.5	260
1991	7	96	4	4	108	41	59.76	73	56.81	9/17/1991	17:17	0.3	22.9	8.2	260
1991	7	97	4	4	102	42	0.83	73	56.38	9/17/1991	16:38	0.3	23.1	8.6	261
1991	7	97	4	4	103	42	0.5	73	56.51	9/17/1991	16:50	0.3	24	8.8	259
1991	7	98	4	4	100	42	1.67	73	56.54	9/17/1991	16:06	0.3	23.2	8.9	258
1991	7	98	4	4	101	42	1.426	73	56.456	9/17/1991	16:24	0.3	23.3	9	259
1991	7	105	4	4	97	42	7.68	73	55.13	9/17/1991	15:30	0.3	24	9	269
1991	7	105	4	4	98	42	7.33	73	55.3	9/17/1991	15:41	0.3	24	9.2	259
1991	7	106	4	4	96	42	8.147	73	54.796	9/17/1991	15:10	0.3	23.9	9	294
1991	7	114	4	4	83	42	14.26	73	50.71	9/17/1991	14:26	0.3	23.5	8.2	265
1991	7	114	6	4	85	42	13.54	73	50.75	9/17/1991	14:41	0.3	24	8.6	269
1991	7	118	4	4	74	42	16.42	73	47.92	9/17/1991	13:53	0.3	23.5	7.5	272
1991	7	119	6	4	69	42	17.29	73	46.78	9/17/1991	12:58	0.3	25.5	8.5	275
1991	7	119	6	4	71	42	17.16	73	46.8	9/17/1991	13:20	0.3	25	8.2	270
1991	7	119	6	4	72	42	16.82	73	47.28	9/17/1991	13:41	0.3	23.9	7.8	270
1991	7	121	4	2	68	42	18.53	73	47.1	9/17/1991	12:40	0.3	24	8.2	285
1991	7	122	4	2	64	42	19.9	73	46.8	9/17/1991	12:13	0.3	24	8.2	279
1991	7	122	6	2	63	42	19.84	73	47.18	9/17/1991	12:28	0.3	23.8	7.8	295
1991	7	123	4	2	60	42	20.64	73	47.39	9/17/1991	11:50	0.3	24	7.9	275
1991	7	126	4	2	48	42	23.65	73	47.38	9/17/1991	11:20	0.3	23.9	7.4	285
1991	7	129	6	2	42	42	25.226	73	46.523	9/17/1991	8:50	0.3	23.2	6.4	274
1991	7	131	4	2	33	42	28.06	73	47.13	9/17/1991	8:32	0.3	23.5	6	276
1991	7	132	4	2	30					9/17/1991	8:19	0.3	23.5	5.8	269
1991	7	132	6	2	31	42	28.65	73	47.09	9/17/1991	7:56	0.3	23.2	5.4	272
1991	7	133	4	1	29	42	29.09	73	47.273	9/17/1991	7:39	0.3	23.5	5.8	286
1991	7	134	4	1	28	42	30.027	73	46.913	9/17/1991	7:26	0.3	23.5	5.9	268
1991	8	19	6	4	259	40	57.735	73	53.561	10/4/1991	10:32	0.3	19.5	7	18431
1991	8	20	6	4	258	40	57.73	73	53.661	10/4/1991	10:47	0.3	20	7.4	16690
1991	8	22	6	4	256	40	59.97	73	53.05	10/4/1991	10:59	0.3	19.9	6.9	17943
1991	8	23	6	4	254	41	1.086	73	52.681	10/4/1991	11:30	0.3	19.9	8.8	138
1991	8	23	6	4	255	41	0.74	73	52.83	10/4/1991	11:12	0.3	20.3	8.2	15925
1991	8	24	6	4	252	41	2.057	73	52.505	10/4/1991	12:00	0.3	20.2	8.8	152
1991	8	24	6	4	253	41	1.169	73	52.711	10/4/1991	11:44	0.3	20	7.9	13263
1991	8	25	4	4	250	41	2.86	73	55.07	10/4/1991	9:53	0.3	19.1	10.4	12393
1991	8	25	4	4	270	41	2.783	73	55.05	10/4/1991	10:06	0.3	19.8	10.3	12321
1991	8	25	6	4	251	41	2.46	73	52.42	10/4/1991	12:17	0.3	20	8.8	13816
1991	8	26	4	4	271	41	3.77	73	55.22	10/4/1991	9:19	0.3	19.2	9.8	12254
1991	8	26	4	4	283	41	8.34	73	54.4	10/4/1991	9:31	0.3	19.2	10	12366
1991	8	26	4	4	283	41	8.34	73	54.4	10/4/1991	9:45	0.3	19.2	10.8	12366
1991	8	26	6	4	247	41	3.891	73	52.077	10/4/1991	12:48	0.3	20.3	9.8	12081
1991	8	26	6	4	248	41	3.273	73	52.221	10/4/1991	12:38	0.3	20	8.8	13816

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1991	8	26	6	4	249	41	2.67	73	52.3	10/4/1991	12:28	0.3	20.1	8.2	14448
1991	8	27	4	4	245	41	4.19	73	55.21	10/4/1991	9:05	0.3	19.2	10.4	11804
1991	8	27	4	4	272	41	4.49	73	55.14	10/4/1991	8:55	0.3	19.2	10.4	11467
1991	8	28	6	4	243	41	5.683	73	52.214	10/4/1991	13:05	0.3	20.4	9.2	9864
1991	8	28	6	4	244	41	5.33	73	52.33	10/4/1991	12:57	0.3	20.5	9.4	9843
1991	8	29	4	2	242	41	6.1	73	54.88	10/4/1991	8:35	0.3	19.2	10	11242
1991	8	30	4	2	241	41	7.14	73	54.77	10/4/1991	8:21	0.3	19.3	10	10769
1991	8	31	4	2	285	41	3.607	73	55.196	10/4/1991	8:08	0.3	19.9	9.4	10522
1991	8	32	4	4	237	41	9.274	73	52.181	10/4/1991	13:40	0.3	22.1	10.1	8355
1991	8	32	4	2	239	41	8.81	73	54.6	10/4/1991	7:48	0.3	20.4	8.4	9316
1991	8	32	4	2	240	41	8.48	73	54.42	10/4/1991	7:58	0.3	19.9	9.8	10633
1991	8	32	6	4	238	41	8.85	73	52.123	10/4/1991	13:30	0.3	21.5	10.4	8460
1991	8	32	6	4	269	41	9.445	73	52.243	10/4/1991	13:56	0.3	22.1	10.1	8249
1991	8	33	6	4	236	41	9.79	73	52.202	10/4/1991	14:09	0.3	22.2	12.8	8549
1991	8	35	4	2	277	41	10.95	73	57.06	10/4/1991	7:34	0.3	21	7.8	8117
1991	8	35	6	4	231	41	11.23	73	53.69	10/4/1991	14:42	0.3	22.6	10.5	7955
1991	8	35	6	4	274	41	11.17	73	53.71	10/4/1991	14:30	0.3	22.5	10.1	8181
1991	8	35	6	4	275	41	11.31	73	53.54	10/4/1991	14:53	0.3	22.5	10.4	7866
1991	8	36	4	2	225	41	12.096	73	57.458	10/3/1991	18:05	0.3	22.5	8.4	8496
1991	8	36	4	2	227	41	11.02	73	57.41	10/4/1991	7:24	0.3	21	8.6	8225
1991	8	36	4	2	281	41	11.13	73	57.16	10/4/1991	7:18	0.3	20.1	8.2	8382
1991	8	36	4	2	282	41	11.2	73	57.17	10/4/1991	7:11	0.3	21.1	8.1	8100
1991	8	37	4	2	224					10/3/1991	17:49	0.3	22.5	8.9	7552
1991	8	38	4	2	222	41	12.979	73	57.867	10/3/1991	17:19	0.3	22.5	8.6	7552
1991	8	38	4	2	223	41	12.89	73	57.806	10/3/1991	17:35	0.3	22.5	9	7552
1991	8	38	4	2	278	41	12.96	73	57.828	10/3/1991	17:26	0.3	22.8	8.5	7713
1991	8	38	4	2	279	41	13.36	73	57.82	10/3/1991	17:12	0.3	23.8	8.8	7351
1991	8	38	4	2	280	41	13.4	73	57.81	10/3/1991	17:08	0.3	22.5	8.5	7552
1991	8	40	6	2	210	41	14.87	73	57.74	10/3/1991	16:47	0.3	22.8	7	6358
1991	8	40	6	2	213	41	14.64	73	57.15	10/3/1991	16:59	0.3	22.9	7.2	6345
1991	8	43	6	2	203	41	16.91	73	56.26	10/3/1991	16:23	0.3	22.1	8	4971
1991	8	43	6	2	204	41	16.693	73	56.484	10/3/1991	16:31	0.3	22.4	8.5	5255
1991	8	46	6	2	199	41	19.42	73	58.77	10/3/1991	16:11	0.3	21.5	7.5	3973
1991	8	49	4	2	196	41	21.16	73	57.74	10/3/1991	15:59	0.3	20.9	7.9	3134
1991	8	53	4	2	192	41	24.19	73	57.95	10/3/1991	15:39	0.3	20.5	7.2	2176
1991	8	53	6	2	191	41	24.882	73	57.554	10/3/1991	15:24	0.3	20.5	7.2	2297
1991	8	54	4	4	190	41	24.961	73	57.702	10/3/1991	15:12	0.3	20.9	7	2277
1991	8	55	6	4	189	41	25.66	73	58.14	10/3/1991	14:58	0.3	20.6	7	2292
1991	8	56	4	4	187	41	26.83	74	0.5	10/3/1991	14:40	0.3	20.9	8.3	1193
1991	8	59	6	4	178	41	29.25	73	59.32	10/3/1991	14:12	0.3	21	7.9	985
1991	8	59	6	4	180	41	29.08	73	59.37	10/3/1991	14:22	0.3	21	8	996
1991	8	60	6	4	176	41	29.57	73	59.06	10/3/1991	13:48	0.3	20.6	7.8	1015
1991	8	60	6	2	177	41	29.52	73	59.24	10/3/1991	13:58	0.3	20.8	7.9	989

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1991	8	61	4	4	174	41	31.15	74	0.37	10/3/1991	13:28	0.3	20.9	7.7	705
1991	8	62	4	4	173	41	31.59	74	0.28	10/3/1991	13:12	0.3	20.4	7.6	712
1991	8	69	4	4	155	41	37.44	73	57.43	10/3/1991	12:38	0.3	20.2	7.1	295
1991	8	71	4	4	154	41	38.88	73	57.23	10/3/1991	12:19	0.3	20	6.8	287
1991	8	72	4	4	151	41	40.04	73	57.11	10/3/1991	12:02	0.3	19.8	7.5	289
1991	8	76	6	2	145					10/3/1991	11:37	0.3	19.2	7.1	287
1991	8	77	6	2	140	41	44.56	73	56.17	10/3/1991	10:59	0.3	19.2	7	282
1991	8	77	6	2	143	41	43.83	73	56.16	10/3/1991	11:14	0.3	19.3	7	282
1991	8	78	6	2	138	41	45.18	73	56.22	10/3/1991	10:50	0.3	19.1	7.6	282
1991	8	80	6	2	137	41	46.14	73	56.82	10/3/1991	10:27	0.3	19	8.1	283
1991	8	81	4	2	135	41	47.474	73	57.457	9/30/1991	18:04	0.3	18.8	10.8	249
1991	8	88	6	2	122	41	53.023	73	56.214	9/30/1991	17:38	0.3	17.5	10.5	262
1991	8	89	6	2	121	41	53.84	73	57.04	9/30/1991	17:20	0.3	17.5	9.5	266
1991	8	90	6	2	120	41	54.02	73	57.2	9/30/1991	17:06	0.3	18.1	10	265
1991	8	92	4	2	118	41	56.32	73	58.1	9/30/1991	16:46	0.3	17.5	11.5	287
1991	8	93	4	2	116	41	57.05	73	57.77	9/30/1991	16:29	0.3	17.5	9.9	269
1991	8	96	4	2	105	42	0.22	73	56.65	9/30/1991	15:58	0.3	19.2	10.8	268
1991	8	96	4	2	108	41	59.76	73	56.81	9/30/1991	16:08	0.3	17.5	9.7	266
1991	8	96	4	2	110	41	59.4	73	56.94	9/30/1991	16:15	0.3	17.8	9.6	264
1991	8	97	4	2	102	42	0.83	73	56.38	9/30/1991	15:32	0.3	17.1	9.6	260
1991	8	97	4	2	103	42	0.5	73	56.51	9/30/1991	15:48	0.3	19	10.1	270
1991	8	98	4	2	100	42	1.67	73	56.54	9/30/1991	15:07	0.3	17.2	9.4	261
1991	8	98	4	2	101	42	1.426	73	56.456	9/30/1991	15:22	0.3	17.2	9.8	261
1991	8	105	4	4	97	42	7.68	73	55.13	9/30/1991	14:11	0.3	18.8	10.8	262
1991	8	105	4	4	98	42	7.33	73	55.3	9/30/1991	14:35	0.3	18.5	10.2	261
1991	8	113	4	4	86	42	13.12	73	51.33	9/30/1991	13:34	0.3	17.1	10.1	260
1991	8	114	4	4	83	42	14.26	73	50.71	9/30/1991	12:59	0.3	16.5	9.9	261
1991	8	114	6	4	85	42	13.54	73	50.75	9/30/1991	13:15	0.3	16.8	11.9	266
1991	8	115	6	4	80	42	14.8	73	49.1	9/30/1991	12:30	0.3	17.9	10.9	255
1991	8	116	6	4	77	42	15.02	73	48.31	9/30/1991	11:59	0.3	16.9	10.5	258
1991	8	117	4	4	76	42	15.84	73	47.69	9/30/1991	11:35	0.3	16.9	10.8	259
1991	8	119	4	4	70	42	17.317	73	47.373	9/30/1991	11:13	0.3	16.2	11	259
1991	8	121	6	2	67	42	18.82	73	46.89	9/30/1991	10:55	0.3	16.2	9.5	264
1991	8	122	4	2	62	42	20.105	73	46.848	9/30/1991	10:33	0.3	17	8.6	265
1991	8	124	4	2	55	42	21.64	73	47.62	9/30/1991	10:10	0.3	16.5	8.2	254
1991	8	125	4	2	53	42	22.27	73	47.62	9/30/1991	9:51	0.3	16.1	8.2	265
1991	8	127	4	2	46	42	24.35	73	47.08	9/30/1991	9:28	0.3	16.5	8	259
1991	8	128	6	2	45					9/30/1991	9:05	0.3	15.8	8.2	260
1991	8	129	4	2	40	42	25.67	73	46.67	9/30/1991	8:46	0.3	15.9	8.2	235
1991	8	130	4	2	37	42	26.76	73	47.22	9/30/1991	8:25	0.3	15.4	8.3	234
1991	8	131	4	2	33	42	28.06	73	47.13	9/30/1991	8:04	0.3	16	8.4	229
1991	8	134	4	2	27	42	30.17	73	46.88	9/30/1991	7:32	0.3	15	8.8	248
1991	9	18	4	4	260	40	56.889	73	55.1	10/17/1991	11:19	0.3	14.5	9.4	10590

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1991	9	19	6	4	259	40	57.735	73	53.561	10/17/1991	11:39	0.3	15.5	9.2	12793
1991	9	21	6	4	257	40	59.13	73	53.13	10/17/1991	11:59	0.3	15.5	9	12549
1991	9	23	6	4	254	41	1.086	73	52.681	10/17/1991	12:33	0.3	15.6	9.6	11062
1991	9	23	6	4	255	41	0.74	73	52.83	10/17/1991	12:17	0.3	15.6	9.8	11549
1991	9	24	6	4	252	41	2.057	73	52.505	10/17/1991	13:03	0.3	16	9.2	11447
1991	9	24	6	4	253	41	1.169	73	52.711	10/17/1991	12:46	0.3	16.1	9	10821
1991	9	25	4	4	250	41	2.86	73	55.07	10/17/1991	10:36	0.3	15	9.8	7392
1991	9	25	4	4	270	41	2.783	73	55.05	10/17/1991	10:50	0.3	14	10	7686
1991	9	25	6	4	251	41	2.46	73	52.42	10/17/1991	13:17	0.3	16	9	10724
1991	9	26	4	4	246	41	3.6	73	55.2	10/17/1991	10:15	0.3	15.5	9.6	7310
1991	9	26	4	4	271	41	3.77	73	55.22	10/17/1991	10:04	0.3	15	9.5	7269
1991	9	26	4	4	283	41	8.34	73	54.4	10/17/1991	10:24	0.3	15.5	9.6	7310
1991	9	26	6	4	247	41	3.891	73	52.077	10/17/1991	13:46	0.3	15.9	9.2	8695
1991	9	26	6	4	248	41	3.273	73	52.221	10/17/1991	13:42	0.3	16.1	9.1	10700
1991	9	26	6	4	249	41	2.67	73	52.3	10/17/1991	13:32	0.3	16	9	10724
1991	9	27	4	4	245	41	4.19	73	55.21	10/17/1991	9:52	0.3	14.6	8.5	6837
1991	9	27	4	4	272	41	4.49	73	55.14	10/17/1991	9:38	0.3	14.1	9.8	7292
1991	9	28	6	2	243	41	5.683	73	52.214	10/16/1991	11:45	0.3	14.5	9.9	6354
1991	9	28	6	2	244	41	5.33	73	52.33	10/16/1991	12:03	0.3	15	9.8	6406
1991	9	29	4	4	242	41	6.1	73	54.88	10/17/1991	8:54	0.3	16.1	9.2	5771
1991	9	30	4	4	241	41	7.14	73	54.77	10/17/1991	8:37	0.3	15.9	8.8	5313
1991	9	31	4	4	285	41	3.607	73	55.196	10/17/1991	8:23	0.3	16	9.4	5302
1991	9	32	4	2	239	41	8.81	73	54.6	10/16/1991	10:05	0.3	16	9.2	5061
1991	9	32	4	4	240	41	8.48	73	54.42	10/17/1991	8:11	0.3	17.1	9	5152
1991	9	32	6	2	237	41	9.274	73	52.181	10/16/1991	10:59	0.3	16	9.4	5422
1991	9	32	6	2	238	41	8.85	73	52.123	10/16/1991	11:20	0.3	16	9.8	5784
1991	9	32	6	2	269	41	9.445	73	52.243	10/16/1991	10:46	0.3	17	8.8	5776
1991	9	33	6	2	236	41	9.79	73	52.202	10/16/1991	10:28	0.3	15.5	9.5	5604
1991	9	34	6	2	234	41	10.19	73	53.93	10/17/1991	14:21	0.3	15.5	9.8	5483
1991	9	35	4	2	277	41	10.95	73	57.06	10/17/1991	15:23	0.3	16.1	9	4328
1991	9	35	6	2	231	41	11.23	73	53.69	10/17/1991	14:57	0.3	14.9	10	5075
1991	9	35	6	2	232	41	11.172	73	53.996	10/17/1991	14:40	0.3	15	9.8	5643
1991	9	35	6	2	274	41	11.17	73	53.71	10/17/1991	14:50	0.3	14.2	10.1	5143
1991	9	35	6	2	275	41	11.31	73	53.54	10/17/1991	15:07	0.3	14.5	10	5108
1991	9	36	4	2	227	41	11.02	73	57.41	10/17/1991	15:31	0.3	15	9	4312
1991	9	36	4	2	282	41	11.2	73	57.17	10/17/1991	15:41	0.3	15.5	9.6	4118
1991	9	38	4	2	221	41	13.43	73	57.79	10/17/1991	16:32	0.3	17	9	4656
1991	9	38	4	2	222	41	12.979	73	57.867	10/17/1991	16:18	0.3	17.5	8.8	4653
1991	9	38	4	2	223	41	12.89	73	57.806	10/17/1991	15:59	0.3	16.5	8.9	4564
1991	9	38	4	2	278	41	12.96	73	57.828	10/17/1991	16:10	0.3	16.9	8.9	4489
1991	9	38	4	2	279	41	13.36	73	57.82	10/17/1991	16:27	0.3	17.8	8.8	4634
1991	9	38	4	2	280	41	13.4	73	57.81	10/17/1991	16:40	0.3	17.5	8.8	4548
1991	9	40	4	4	214	41	14.31	73	58.5	10/16/1991	9:10	0.3	16	7.8	3723

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1991	9	40	6	4	212					10/16/1991	8:33	0.3	21.5	8.2	3363
1991	9	40	6	4	213	41	14.64	73	57.15	10/16/1991	8:50	0.3	21	7.8	3138
1991	9	42	4	4	206	41	16.412	73	58.1	10/16/1991	7:52	0.3	18	8.1	2861
1991	9	42	6	4	207	41	15.3	73	57.8	10/16/1991	8:13	0.3	25.5	7.9	2780
1991	9	52	6	4	193	41	24.12	73	57.31	10/18/1991	13:58	0.3	17.4	8.6	1040
1991	9	52	6	4	194	41	24.12	73	56.81	10/18/1991	13:48	0.3	17.5	8.6	1049
1991	9	53	4	4	192	41	24.19	73	57.95	10/18/1991	14:15	0.3	17	9	541
1991	9	53	6	4	191	41	24.882	73	57.554	10/18/1991	13:25	0.3	18	9.4	427
1991	9	55	6	4	189	41	25.66	73	58.14	10/18/1991	13:08	0.3	17.2	9	423
1991	9	57	4	4	185	41	27.68	74	0.73	10/18/1991	12:33	0.3	17	9.2	329
1991	9	57	4	4	186	41	27.28	74	0.8	10/18/1991	12:44	0.3	17	9.1	319
1991	9	58	4	2	184	41	27.78	74	0.7	10/18/1991	12:17	0.3	17	9.6	336
1991	9	59	6	2	179	41	29.24	73	59.34	10/18/1991	11:53	0.3	15.1	9.5	342
1991	9	59	6	2	181	41	29.04	73	59.33	10/18/1991	12:02	0.3	15.2	9.5	337
1991	9	61	4	2	174	41	31.15	74	0.37	10/18/1991	11:31	0.3	17.5	9	315
1991	9	62	6	2	170	41	31.8	73	58.98	10/18/1991	11:15	0.3	15.5	8.9	311
1991	9	69	6	2	158	41	36.94	73	56.81	10/18/1991	10:47	0.3	16.2	8.7	294
1991	9	73	6	2	150	41	40.28	73	56.49	10/18/1991	10:23	0.3	16	8.5	290
1991	9	74	4	2	147	41	41.29	73	56.8	10/18/1991	9:54	0.3	15.2	9	292
1991	9	74	6	2	148	41	41.15	73	56.31	10/18/1991	10:07	0.3	15.6	8.9	292
1991	9	77	6	2	142	41	43.92	73	56.14	10/18/1991	8:03	0.3	15.1	10	296
1991	9	78	4	2	139	41	44.786	73	56.758	10/18/1991	8:19	0.3	14.9	9.1	294
1991	9	81	4	2	135	41	47.474	73	57.457	10/18/1991	8:39	0.3	14.4	8.6	288
1991	9	82	4	2	134	41	48.51	73	57.22	10/18/1991	8:55	0.3	14.5	9.1	287
1991	9	83	4	2	131	41	49.33	73	57.31	10/18/1991	9:15	0.3	14.6	9.1	296
1991	9	86	6	2	125	41	51.75	73	55.89	10/15/1991	17:05	0.3	15.2	9	276
1991	9	88	6	3	122	41	53.023	73	56.214	10/15/1991	16:45	0.3	15	9.1	277
1991	9	89	6	2	121	41	53.84	73	57.04	10/15/1991	16:43	0.3	15	8.4	272
1991	9	92	4	2	118	41	56.32	73	58.1	10/15/1991	16:02	0.3	15.5	9	291
1991	9	93	4	2	116	41	57.05	73	57.77	10/15/1991	15:49	0.3	15.2	8.8	288
1991	9	94	4	4	113	41	58.38	73	57.25	10/15/1991	15:39	0.3	15	8.5	253
1991	9	95	4	4	111	41	59.083	73	57.079	10/15/1991	15:29	0.3	15	8.7	259
1991	9	96	4	4	105	42	0.22	73	56.65	10/15/1991	15:00	0.3	15	8.8	245
1991	9	96	4	4	110	41	59.4	73	56.94	10/15/1991	15:10	0.3	15	8.8	259
1991	9	97	4	4	103	42	0.5	73	56.51	10/15/1991	14:49	0.3	15	8.8	245
1991	9	98	4	4	100	42	1.67	73	56.54	10/15/1991	14:14	0.3	15	8.4	246
1991	9	98	4	4	101	42	1.426	73	56.456	10/15/1991	14:35	0.3	15	8.4	246
1991	9	105	4	4	97	42	7.68	73	55.13	10/15/1991	13:37	0.3	15	8.4	265
1991	9	105	4	4	98	42	7.33	73	55.3	10/15/1991	13:49	0.3	15.5	8.7	266
1991	9	114	4	4	83	42	14.26	73	50.71	10/15/1991	13:06	0.3	14.9	8.7	216
1991	9	116	6	4	77	42	15.02	73	48.31	10/15/1991	12:32	0.3	15.5	8.2	217
1991	9	118	4	4	74	42	16.42	73	47.92	10/15/1991	12:19	0.3	15.5	8.2	225
1991	9	121	4	4	65	42	19.307	73	47.217	10/15/1991	12:01	0.3	15.5	8.2	222

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1991	9	122	6	4	64	42	19.9	73	46.8	10/15/1991	11:45	0.3	15	8.1	224
1991	9	123	4	4	60	42	20.64	73	47.39	10/15/1991	11:31	0.3	15.2	8.4	231
1991	9	124	4	2	55	42	21.64	73	47.62	10/15/1991	10:45	0.3	15.4	8.4	220
1991	9	124	4	4	58					10/15/1991	11:22	0.3	15.1	8	226
1991	9	124	6	2	56	42	21.49	73	47.29	10/15/1991	10:57	0.3	14.8	8.2	220
1991	9	124	6	2	57	42	21.28	73	47.32	10/15/1991	11:10	0.3	15	8	224
1991	9	126	4	2	49	42	23.4	73	47.52	10/15/1991	10:25	0.3	14.9	8	228
1991	9	129	4	2	40	42	25.67	73	46.67	10/15/1991	10:03	0.3	14.5	8	237
1991	9	133	4	2	29	42	29.09	73	47.273	10/15/1991	9:32	0.3	15	8.2	222
1991	9	134	4	2	28	42	30.027	73	46.913	10/15/1991	9:15	0.3	13.5	8.2	223
1991	9	139	4	2	15	42	34.32	73	45.25	10/15/1991	8:27	0.3	13	8.6	217
1991	9	139	4	2	19	42	34.03	73	45.26	10/15/1991	8:42	0.3	14	8.5	208
1991	9	139	6	2	14	42	34.34	73	45.02	10/15/1991	8:00	0.3	13.5	8.5	214
1991	10	18	4	2	260	40	56.889	73	55.1	11/1/1991	8:40	0.3	12.7	10.8	18045
1991	10	18	6	4	261	40	56.27	73	54.17	11/1/1991	9:06	0.3	13.2	9.3	20661
1991	10	19	6	4	259	40	57.735	73	53.561	11/1/1991	9:30	0.3	13.3	9.9	19334
1991	10	23	6	4	254	41	1.086	73	52.681	11/1/1991	10:20	0.3	13.5	9.7	17206
1991	10	23	6	4	255	41	0.74	73	52.83	11/1/1991	9:54	0.3	13.5	10.4	15294
1991	10	24	6	4	252	41	2.057	73	52.505	11/1/1991	10:45	0.3	13.6	10	16531
1991	10	24	6	4	253	41	1.169	73	52.711	11/1/1991	10:32	0.3	13.6	10.2	16658
1991	10	25	4	4	250	41	2.86	73	55.07	10/30/1991	9:45	0.3	11.3	10.6	19319
1991	10	25	4	4	270	41	2.783	73	55.05	10/30/1991	9:55	0.3	11.5	10.6	19895
1991	10	25	6	4	251	41	2.46	73	52.42	11/1/1991	11:05	0.3	13.7	9.9	16747
1991	10	26	4	4	246	41	3.6	73	55.2	10/30/1991	9:20	0.3	11.5	10.4	18693
1991	10	26	4	4	271	41	3.77	73	55.22	10/30/1991	9:10	0.3	11.4	10.2	18738
1991	10	26	4	4	283	41	8.34	73	54.4	10/30/1991	9:30	0.3	12.4	10.1	18302
1991	10	26	6	4	247	41	3.891	73	52.077	11/1/1991	11:51	0.3	13.8	10.1	15443
1991	10	26	6	4	248	41	3.273	73	52.221	11/1/1991	11:34	0.3	13.7	9.7	17128
1991	10	26	6	4	249	41	2.67	73	52.3	11/1/1991	11:24	0.3	13.8	10	16202
1991	10	27	4	4	245	41	4.19	73	55.21	10/30/1991	8:57	0.3	11.4	10.7	15392
1991	10	27	4	2	272	41	4.49	73	55.14	10/30/1991	8:38	0.3	11.2	11.2	8069
1991	10	28	6	4	243	41	5.683	73	52.214	11/1/1991	12:15	0.3	13.9	10.7	13261
1991	10	28	6	4	244	41	5.33	73	52.33	11/1/1991	12:06	0.3	13.9	10.2	13766
1991	10	29	4	2	242	41	6.1	73	54.88	10/30/1991	8:13	0.3	12.8	10.4	9714
1991	10	30	4	2	241	41	7.14	73	54.77	10/30/1991	8:03	0.3	11.3	10.7	9794
1991	10	31	4	2	285	41	3.607	73	55.196	10/30/1991	7:45	0.3	12.6	10.5	9369
1991	10	32	4	2	239	41	8.81	73	54.6	10/30/1991	7:22	0.3	12.5	11.5	9130
1991	10	32	4	2	240	41	8.48	73	54.42	10/30/1991	7:36	0.3	12.5	11.5	9130
1991	10	32	6	4	237	41	9.274	73	52.181	11/1/1991	12:54	0.3	13.6	9.8	12716
1991	10	32	6	4	238	41	8.85	73	52.123	11/1/1991	12:38	0.3	13.8	10	12658
1991	10	32	6	4	269	41	9.445	73	52.243	11/1/1991	13:04	0.3	13.7	9.8	12560
1991	10	33	6	4	236	41	9.79	73	52.202	11/1/1991	13:20				
1991	10	35	4	4	277	41	10.95	73	57.06	10/28/1991	11:38	0.3	15.5	9.6	7310

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1991	10	35	6	2	231	41	11.23	73	53.69	10/28/1991	12:01	0.3	15.5	9.9	8772
1991	10	35	6	2	232	41	11.172	73	53.996	10/28/1991	12:12	0.3	15.4	10	8547
1991	10	36	4	4	226	41	11.8	73	57.5	10/28/1991	10:40	0.3	16.1	9.4	7214
1991	10	36	4	4	227	41	11.02	73	57.41	10/28/1991	11:27	0.3	15.8	9.6	7262
1991	10	36	4	4	281	41	11.13	73	57.16	10/28/1991	11:18	0.3	16.6	9	5946
1991	10	36	4	4	282	41	11.2	73	57.17	10/28/1991	11:00	0.3	16.9	9	7206
1991	10	37	4	4	224					10/28/1991	10:10	0.3	15	9.6	6530
1991	10	37	4	4	225	41	12.096	73	57.458	10/28/1991	10:25	0.3	15.9	9.6	6521
1991	10	38	4	4	221	41	13.43	73	57.79	10/28/1991	9:05	0.3	15.5	9.9	5970
1991	10	38	4	4	222	41	12.979	73	57.867	10/28/1991	9:35	0.3	15.8	9.6	6172
1991	10	38	4	4	278	41	12.96	73	57.828	10/28/1991	10:00	0.3	15.1	9.6	6269
1991	10	38	4	4	279	41	13.36	73	57.82	10/28/1991	9:48	0.3	15.7	9.6	6307
1991	10	38	4	4	280	41	13.4	73	57.81	10/28/1991	9:23	0.3	15.5	9.8	5970
1991	10	39	6	2	217	41	14.098	73	56.682	10/28/1991	13:04	0.3	16.8	10.4	7577
1991	10	39	6	2	218	41	14.02	73	56.4	10/28/1991	12:45	0.3	16.5	9	7389
1991	10	40	6	2	210	41	14.87	73	57.74	10/28/1991	13:59	0.3	16.9	9	6025
1991	10	40	6	2	211	41	14.88	73	57.6	10/28/1991	13:22	0.3	16.5	8.9	7151
1991	10	43	6	2	203	41	16.91	73	56.26	10/28/1991	14:26	0.3	15.5	9.5	4142
1991	10	48	4	2	197	41	20.86	73	58.08	10/28/1991	15:04	0.3	15.5	9.2	2181
1991	10	49	4	2	196	41	21.16	73	57.74	10/28/1991	15:22	0.3	15.5	8.8	1998
1991	10	53	6	4	191	41	24.882	73	57.554	10/31/1991	10:04	0.3	12.3	10.1	2228
1991	10	54	6	4	190	41	24.961	73	57.702	10/31/1991	9:50	0.3	12.6	10.4	2082
1991	10	55	6	4	189	41	25.66	73	58.14	10/31/1991	9:38	0.3	12.7	10.4	1882
1991	10	57	4	4	185	41	27.68	74	0.73	10/31/1991	10:40	0.3	13.3	10.2	1472
1991	10	57	4	4	186	41	27.28	74	0.8	10/31/1991	10:30	0.3	13.1	10.1	1479
1991	10	58	4	4	183	41	28.02	74	0.87	10/31/1991	11:06	0.3	13.3	10.1	1408
1991	10	58	4	4	184	41	27.78	74	0.7	10/31/1991	10:53	0.3	13.3	10.4	1408
1991	10	59	6	4	178	41	29.25	73	59.32	10/31/1991	11:55	0.3	12.6	10.4	1171
1991	10	59	6	4	179	41	29.24	73	59.34	10/31/1991	11:40	0.3	12.6	10.6	1158
1991	10	62	4	2	171	41	32.19	73	59.91	10/31/1991	9:00	0.3	13.8	10	1038
1991	10	63	6	2	168	41	32.3	73	58.633	10/31/1991	8:41	0.3	12.2	10.4	447
1991	10	66	6	2	161	41	34.88	73	56.84	10/31/1991	8:18	0.3	13.3	10.3	423
1991	10	69	6	2	156	41	37.03	73	56.88	10/31/1991	7:40	0.3	13.3	11	384
1991	10	69	6	2	157	41	36.97	73	56.85	10/31/1991	7:50	0.3	13.2	10.3	385
1991	10	77	6	2	140	41	44.56	73	56.17	10/29/1991	15:46	0.3	13.5	9.5	257
1991	10	77	6	2	141	41	44.46	73	56.21	10/29/1991	15:59	0.3	13.6	9.5	257
1991	10	81	4	2	135	41	47.474	73	57.457	10/29/1991	15:20	0.3	13.2	10.1	250
1991	10	84	4	2	129	41	50.61	73	57.28	10/29/1991	15:02	0.3	12.5	9.5	247
1991	10	85	6	2	127	41	51.18	73	56.5	10/29/1991	14:38	0.3	12.5	9.8	247
1991	10	86	6	2	125	41	51.75	73	55.89	10/29/1991	14:24	0.3	11.9	10.3	249
1991	10	89	6	4	121	41	53.84	73	57.04	10/29/1991	14:04	0.3	12.8	10.4	246
1991	10	91	6	4	119	41	55.847	73	56.774	10/29/1991	13:43	0.3	11.9	10.2	246
1991	10	92	4	4	118	41	56.32	73	58.1	10/29/1991	13:28	0.3	13	9.8	295

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1991	10	93	4	4	116	41	57.05	73	57.77	10/29/1991	13:19	0.3	13	10.2	297
1991	10	96	4	4	105	42	0.22	73	56.65	10/29/1991	12:50	0.3	12.7	10.5	236
1991	10	96	4	4	110	41	59.4	73	56.94	10/29/1991	12:58	0.3	12.2	9.9	234
1991	10	97	4	4	102	42	0.83	73	56.38	10/29/1991	12:25	0.3	12.2	10.5	236
1991	10	97	4	4	103	42	0.5	73	56.51	10/29/1991	12:40	0.3	12.9	10.5	234
1991	10	98	4	4	100	42	1.67	73	56.54	10/29/1991	11:59	0.3	12	10.8	236
1991	10	98	4	4	101	42	1.426	73	56.456	10/29/1991	12:08	0.3	11.5	10.4	239
1991	10	99	6	4	99	42	2.02	73	55.73	10/29/1991	11:34	0.3	11	10.2	242
1991	10	105	4	4	97	42	7.68	73	55.13	10/29/1991	11:11	0.3	12.1	10.6	244
1991	10	106	4	4	96	42	8.147	73	54.796	10/29/1991	10:57	0.3	12.5	10.4	306
1991	10	114	4	4	83	42	14.26	73	50.71	10/29/1991	10:19	0.3	12	10.6	244
1991	10	114	6	4	85	42	13.54	73	50.75	10/29/1991	10:30	0.3	11	10.8	257
1991	10	115	6	4	79	42	14.8	73	49	10/29/1991	10:01	0.3	11.9	10.6	259
1991	10	118	4	4	73	42	16.76	73	47.67	10/29/1991	9:46	0.3	11.2	11	262
1991	10	121	6	4	66	42	19.33	73	46.85	10/29/1991	9:23	0.3	10.9	10.5	259
1991	10	121	6	4	67	42	18.82	73	46.89	10/29/1991	9:30	0.3	11	10.5	258
1991	10	122	6	4	62	42	20.105	73	46.848	10/29/1991	9:12	0.3	11	10.4	270
1991	10	123	4	2	59					10/29/1991	9:02	0.3	10.5	10.5	267
1991	10	124	4	2	58					10/29/1991	8:52	0.3	10.5	11	267
1991	10	124	6	2	56	42	21.49	73	47.29	10/29/1991	8:42	0.3	10	10.5	270
1991	10	126	4	2	49	42	23.4	73	47.52	10/29/1991	8:32	0.3	11.6	10	273
1991	10	129	4	2	40	42	25.67	73	46.67	10/29/1991	8:15	0.3	11.4	10	284
1991	10	129	6	2	38	42	26.05	73	46.82	10/29/1991	8:04	0.3	10.8	10.5	285
1991	10	132	4	2	30					10/29/1991	7:02	0.3	10.9	9.9	287
1991	10	133	4	2	29	42	29.09	73	47.273	10/29/1991	6:47	0.3	11.1	10.5	290
1991	10	135	4	2	25	42	31.16	73	46.06	10/29/1991	7:48	0.3	11.1	10.2	268
1991	10	138	4	2	22	42	33.36	73	45.42	10/29/1991	7:27	0.3	11.2	10.2	268
1992	1	12	4	2	268					6/23/1992	14:38	0.3	21.1	8.8	11879
1992	1	14	4	2	266	40	52.925	73	56.648	6/23/1992	14:55	0.3	22.9	10.7	8113
1992	1	18	4	2	260	40	56.889	73	55.1	6/23/1992	14:15	0.3	21.8	10.2	6173
1992	1	25	4	2	250	41	2.86	73	55.07	6/23/1992	13:29	0.3	23.1	13	3926
1992	1	25	4	2	270	41	2.783	73	55.05	6/23/1992	13:45	0.3	23.2	13.4	3897
1992	1	26	4	2	285	41	3.607	73	55.196	6/23/1992	13:12	0.3	22.1	12.6	3564
1992	1	27	4	1	245	41	4.19	73	55.21	6/23/1992	12:35	0.3	23.9	12.7	3352
1992	1	28	6	2	243	41	5.683	73	52.214	6/23/1992	15:37	0.3	21.5	10.8	2934
1992	1	29	4	1	242	41	6.1	73	54.88	6/23/1992	12:03	0.3	22.8	11	3231
1992	1	30	4	1	241	41	7.14	73	54.77	6/23/1992	11:43	0.3	22.5	11	2339
1992	1	32	4	4	239	41	8.81	73	54.6	6/23/1992	10:30	0.3	21	9.4	3355
1992	1	32	4	4	240	41	8.48	73	54.42	6/23/1992	11:16	0.3	21.8	9.2	3022
1992	1	32	6	2	238	41	8.85	73	52.123	6/23/1992	15:59	0.3	22.5	11.3	2370
1992	1	33	6	2	236	41	9.79	73	52.202	6/23/1992	16:14	0.3	23.2	11.2	1396
1992	1	34	6	2	234	41	10.19	73	53.93	6/26/1992	9:33	0.3	20.9	8.5	5639
1992	1	35	4	4	277	41	10.95	73	57.06	6/26/1992	9:17	0.3	21.1	7.5	5940

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1992	1	35	6	4	231	41	11.23	73	53.69	6/26/1992	9:48	0.3	21.2	9.1	3880
1992	1	35	6	4	274	41	11.17	73	53.71	6/26/1992	9:59	0.3	21.1	8.1	4374
1992	1	36	4	4	282	41	11.2	73	57.17	6/26/1992	9:10	0.3	21.3	7.2	6453
1992	1	38	4	4	222	41	12.979	73	57.867	6/26/1992	8:47	0.3	21.2	6.8	5367
1992	1	38	4	4	223	41	12.89	73	57.806	6/26/1992	8:55	0.3	21.3	7.5	6453
1992	1	40	6	2	212					6/25/1992	17:23	0.3	23	8	5034
1992	1	42	6	2	207	41	15.3	73	57.8	6/25/1992	17:09	0.3	25	7.5	3188
1992	1	46	4	4	198	41	19.7	73	59	6/25/1992	16:47	0.3	21.3	7.2	1291
1992	1	52	6	4	194	41	24.12	73	56.81	6/25/1992	16:21	0.3	21.4	8	365
1992	1	53	4	4	192	41	24.19	73	57.95	6/25/1992	16:09	0.3	21	8	247
1992	1	55	6	4	189	41	25.66	73	58.14	6/25/1992	15:57	0.3	22.9	8.5	255
1992	1	58	4	4	184	41	27.78	74	0.7	6/25/1992	15:41	0.3	23.2	10	236
1992	1	60	6	4	176	41	29.57	73	59.06	6/25/1992	15:10	0.3	23	8.5	237
1992	1	60	6	4	177	41	29.52	73	59.24	6/25/1992	15:23	0.3	22.9	8.4	224
1992	1	62	4	4	171	41	32.19	73	59.91	6/25/1992	14:50	0.3	22.8	8.4	224
1992	1	69	6	4	157	41	36.97	73	56.85	6/25/1992	14:26	0.3	22.1	8.6	254
1992	1	71	4	4	153	41	39.06	73	57.257	6/25/1992	13:48	0.3	21.2	8	218
1992	1	71	4	4	154	41	38.88	73	57.23	6/25/1992	14:12	0.3	21.1	7.5	216
1992	1	72	4	4	151	41	40.04	73	57.11	6/25/1992	13:30	0.3	21.5	9	220
1992	1	74	6	4	149	41	41.064	73	56.289	6/25/1992	13:12	0.3	21.3	8.4	215
1992	1	76	4	4	144					6/25/1992	12:38	0.3	20.5	7.5	209
1992	1	76	6	4	145					6/25/1992	12:22	0.3	20.5	7.8	208
1992	1	77	6	4	142	41	43.92	73	56.14	6/25/1992	12:05	0.3	20.5	7.9	208
1992	1	80	6	4	137	41	46.14	73	56.82	6/25/1992	11:50	0.3	20.5	7.5	208
1992	1	81	4	4	135	41	47.474	73	57.457	6/25/1992	11:31	0.3	21	8.4	207
1992	1	83	4	4	131	41	49.33	73	57.31	6/25/1992	11:03	0.3	20.6	8.5	207
1992	1	83	4	4	133	41	48.74	73	57.19	6/25/1992	11:16	0.3	20.6	8	207
1992	1	84	4	4	129	41	50.61	73	57.28	6/25/1992	10:43	0.3	20.8	8.5	204
1992	1	85	4	4	128					6/25/1992	10:29	0.3	20.3	8.5	206
1992	1	85	6	4	127	41	51.18	73	56.5	6/25/1992	10:16	0.3	20.5	7.8	207
1992	1	86	6	2	125	41	51.75	73	55.89	6/25/1992	10:06	0.3	20.2	8	208
1992	1	87	4	2	123	41	52.616	73	57.292	6/25/1992	9:52	0.3	20.5	8.4	208
1992	1	88	6	2	122	41	53.023	73	56.214	6/25/1992	9:40	0.3	20	7.8	210
1992	1	90	6	2	120	41	54.02	73	57.2	6/25/1992	9:20	0.3	20.3	7.8	209
1992	1	91	6	2	119	41	55.847	73	56.774	6/25/1992	9:05	0.3	20.1	8.3	207
1992	1	92	4	2	118	41	56.32	73	58.1	6/25/1992	7:44	0.3	20.1	7.8	218
1992	1	93	4	2	116	41	57.05	73	57.77	6/25/1992	7:57	0.3	20	8	199
1992	1	93	6	2	117	41	57.036	73	56.721	6/25/1992	8:42	0.3	19.7	7.5	205
1992	1	94	4	2	113	41	58.38	73	57.25	6/25/1992	8:25	0.3	19.9	7.6	202
1992	1	94	4	2	115	41	57.78	73	57.47	6/25/1992	8:12	0.3	20.2	7.8	200
1992	1	94	6	2	114	41	58.085	73	56.467	6/24/1992	19:17	0.3	20.7	9.2	223
1992	1	95	4	2	111	41	59.083	73	57.079	6/24/1992	18:47	0.3	20.8	8.6	220
1992	1	95	6	2	112	41	58.238	73	56.123	6/24/1992	18:59	0.3	20.8	9.4	222

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1992	1	96	4	4	105	42	0.22	73	56.65	6/24/1992	17:30	0.3	21	8.9	215
1992	1	96	4	2	108	41	59.76	73	56.81	6/24/1992	18:20	0.3	20.8	8.8	215
1992	1	96	4	2	110	41	59.4	73	56.94	6/24/1992	18:35	0.3	20.8	8.6	218
1992	1	97	4	4	102	42	0.83	73	56.38	6/24/1992	17:06	0.3	22.5	9.8	208
1992	1	97	4	4	103	42	0.5	73	56.51	6/24/1992	17:20	0.3	22	9.5	223
1992	1	98	4	4	100	42	1.67	73	56.54	6/24/1992	16:40	0.3	21	9.5	216
1992	1	98	4	4	101	42	1.426	73	56.456	6/24/1992	16:52	0.3	21	9	212
1992	1	99	6	4	99	42	2.02	73	55.73	6/24/1992	16:27	0.3	21.7	9.9	224
1992	1	105	4	4	98	42	7.33	73	55.3	6/24/1992	16:02	0.3	21.9	9.4	255
1992	1	106	4	4	96	42	8.147	73	54.796	6/24/1992	15:47	0.3	21.2	9.2	253
1992	1	114	6	4	84	42	14.02	73	50.18	6/24/1992	15:09	0.3	21	8.9	250
1992	1	114	6	4	85	42	13.54	73	50.75	6/24/1992	15:21	0.3	21.1	9.1	244
1992	1	115	6	4	79	42	14.8	73	49	6/24/1992	14:47	0.3	21.8	9.5	229
1992	1	116	6	4	77	42	15.02	73	48.31	6/24/1992	14:25	0.3	21.3	9.5	224
1992	1	118	4	4	73	42	16.76	73	47.67	6/24/1992	13:56	0.3	21	9.4	240
1992	1	118	4	4	75	42	16.12	73	47.49	6/24/1992	14:11	0.3	21	9.8	229
1992	1	119	4	4	72	42	16.82	73	47.28	6/24/1992	13:48	0.3	21.1	8.7	239
1992	1	119	6	4	69	42	17.29	73	46.78	6/24/1992	13:36	0.3	20.8	9.1	213
1992	1	121	4	2	65	42	19.307	73	47.217	6/24/1992	12:40	0.3	21.2	8.6	210
1992	1	121	4	2	68	42	18.53	73	47.1	6/24/1992	13:10	0.3	21.3	9.2	211
1992	1	121	6	2	67	42	18.82	73	46.89	6/24/1992	12:59	0.3	21.1	9.2	215
1992	1	122	4	2	61	42	20.29	73	47.24	6/24/1992	11:54	0.3	20.8	8.2	209
1992	1	122	4	2	63	42	19.84	73	47.18	6/24/1992	12:09	0.3	20.6	8.2	216
1992	1	122	6	2	64	42	19.9	73	46.8	6/24/1992	12:22	0.3	20.9	8.2	216
1992	1	123	4	2	59					6/24/1992	11:29	0.3	20.8	7.9	216
1992	1	123	4	2	60	42	20.64	73	47.39	6/24/1992	11:44	0.3	20.2	8.5	218
1992	1	124	4	2	55	42	21.64	73	47.62	6/24/1992	11:01	0.3	20.8	7.8	214
1992	1	124	6	2	56	42	21.49	73	47.29	6/24/1992	11:09	0.3	20.8	8	215
1992	1	124	6	2	57	42	21.28	73	47.32	6/24/1992	11:18	0.3	20.5	8	217
1992	1	126	4	2	48	42	23.65	73	47.38	6/24/1992	10:46	0.3	21.2	7.4	220
1992	1	127	6	2	47	42	23.853	73	46.901	6/24/1992	10:36	0.3	20.5	7.5	224
1992	1	129	6	2	39	42	25.879	73	46.76	6/24/1992	10:02	0.3	21.2	6.8	226
1992	1	129	6	2	40	42	25.67	73	46.67	6/24/1992	10:13	0.3	20.9	7	206
1992	1	129	6	2	42	42	25.226	73	46.523	6/24/1992	10:23	0.3	20.9	7.4	227
1992	1	130	4	2	37	42	26.76	73	47.22	6/24/1992	9:42	0.3	21.4	6	226
1992	1	131	4	2	35	42	27.8	73	47.1	6/24/1992	9:26	0.3	20.3	6.2	222
1992	1	134	4	2	28	42	30.027	73	46.913	6/24/1992	9:08	0.3	21	6.2	219
1992	1	135	4	2	25	42	31.16	73	46.06	6/24/1992	8:51	0.3	20.1	6	223
1992	1	137	6	2	24	42	32.262	73	45.288	6/24/1992	8:37	0.3	20.2	5.9	222
1992	1	138	4	2	23	42	33.14	73	45.46	6/24/1992	8:26	0.3	20.1	8.2	221
1992	1	139	4	2	16	42	34.31	73	45.21	6/24/1992	8:11	0.3	19.4	6	225
1992	2	15	4	2	263	40	54.252	73	55.961	7/6/1992	12:44	0.3	22.3	7.3	17378
1992	2	19	6	2	259	40	57.735	73	53.561	7/6/1992	13:03	0.3	22	7.4	16109

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1992	2	23	6	2	255	41	0.74	73	52.83	7/6/1992	13:20	0.3	22.2	7	14248
1992	2	26	4	2	246	41	3.6	73	55.2	7/6/1992	11:47	0.3	23.1	7.6	13570
1992	2	26	4	4	271	41	3.77	73	55.22	7/6/1992	11:32	0.3	22.7	7.5	13056
1992	2	26	4	2	285	41	3.607	73	55.196	7/6/1992	12:06	0.3	23.2	7.8	13852
1992	2	26	6	2	247	41	3.891	73	52.077	7/6/1992	13:45	0.3	23.1	7.5	13984
1992	2	27	4	4	245	41	4.19	73	55.21	7/6/1992	11:15	0.3	22.5	7.5	13111
1992	2	27	4	4	272	41	4.49	73	55.14	7/6/1992	11:02	0.3	22.1	7.2	13220
1992	2	29	4	4	242	41	6.1	73	54.88	7/6/1992	10:38	0.3	22	7.5	12718
1992	2	30	4	4	241	41	7.14	73	54.77	7/6/1992	10:20	0.3	22.1	8	12691
1992	2	31	4	4	283	41	8.34	73	54.4	7/6/1992	10:00	0.3	21.9	7	11576
1992	2	32	4	4	239	41	8.81	73	54.6	7/6/1992	9:21	0.3	22	7	10810
1992	2	32	4	4	240	41	8.48	73	54.42	7/6/1992	9:41	0.3	22	7.3	11764
1992	2	35	4	2	230	41	10.59	73	56.39	7/9/1992	9:28	0.3	24	7.8	7626
1992	2	35	4	2	277	41	10.95	73	57.06	7/9/1992	9:37	0.3	24	7.8	7321
1992	2	35	6	2	275	41	11.31	73	53.54	7/9/1992	9:16	0.3	24	9.5	8134
1992	2	36	4	2	282	41	11.2	73	57.17	7/9/1992	9:44	0.3	24.1	7.9	7306
1992	2	38	4	2	221	41	13.43	73	57.79	7/9/1992	10:05	0.3	24.8	8.1	7001
1992	2	38	4	2	222	41	12.979	73	57.867	7/9/1992	9:56	0.3	24.1	8.1	7103
1992	2	38	4	2	280	41	13.4	73	57.81	7/9/1992	10:15	0.3	24.4	7.5	6858
1992	2	40	6	2	213	41	14.64	73	57.15	7/9/1992	8:57	0.3	23.5	7.1	6369
1992	2	42	6	2	207	41	15.3	73	57.8	7/9/1992	8:40	0.3	25.2	7.6	5456
1992	2	46	4	2	198	41	19.7	73	59	7/9/1992	10:54	0.3	24	7.1	3437
1992	2	52	6	4	194	41	24.12	73	56.81	7/9/1992	11:17	0.3	24	7.8	1678
1992	2	53	4	4	192	41	24.19	73	57.95	7/9/1992	11:33	0.3	23.6	7	1589
1992	2	54	6	4	190	41	24.961	73	57.702	7/9/1992	11:43	0.3	24.1	7.4	1400
1992	2	56	4	4	187	41	26.83	74	0.5	7/9/1992	12:02	0.3	25	8	647
1992	2	58	4	4	183	41	28.02	74	0.87	7/9/1992	12:16	0.3	26.1	8.6	633
1992	2	59	6	4	181	41	29.04	73	59.33	7/9/1992	12:32	0.3	24.1	8	660
1992	2	62	6	4	170	41	31.8	73	58.98	7/9/1992	13:07	0.3	24.6	7.5	352
1992	2	62	6	4	172	41	31.54	73	58.97	7/9/1992	12:53	0.3	24	7	346
1992	2	63	6	4	167	41	32.41	73	58.61	7/9/1992	13:19	0.3	24.9	7.4	339
1992	2	69	6	2	157	41	36.97	73	56.85	7/8/1992	17:45	0.3	22.8	6.8	214
1992	2	72	6	2	152	41	39.77	73	56.55	7/8/1992	17:07	0.3	22.2	6.5	206
1992	2	74	6	4	149	41	41.064	73	56.289	7/8/1992	16:41	0.3	22.5	6.8	205
1992	2	76	4	4	144					7/8/1992	16:20	0.3	22.5	8.4	236
1992	2	76	6	4	145					7/8/1992	16:00	0.3	22.5	7	199
1992	2	77	6	4	140	41	44.56	73	56.17	7/8/1992	15:16	0.3	23	7.4	197
1992	2	77	6	4	141	41	44.46	73	56.21	7/8/1992	15:37	0.3	23.2	8.2	205
1992	2	78	6	4	138	41	45.18	73	56.22	7/8/1992	14:54	0.3	23	7.2	198
1992	2	83	4	4	131	41	49.33	73	57.31	7/8/1992	14:11	0.3	24	9.1	198
1992	2	83	4	4	133	41	48.74	73	57.19	7/8/1992	14:28	0.3	23	7.8	198
1992	2	84	4	4	129	41	50.61	73	57.28	7/8/1992	13:55	0.3	22.9	8	198
1992	2	85	4	4	128					7/8/1992	13:40	0.3	24.1	9.8	198

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1992	2	85	6	4	127	41	51.18	73	56.5	7/8/1992	13:22	0.3	22.8	7.8	198
1992	2	86	6	4	125	41	51.75	73	55.89	7/8/1992	13:04	0.3	24	8.4	203
1992	2	87	4	4	123	41	52.616	73	57.292	7/8/1992	12:45	0.3	23.9	9	196
1992	2	89	6	4	121	41	53.84	73	57.04	7/8/1992	12:29	0.3	22.5	7.8	199
1992	2	90	6	4	120	41	54.02	73	57.2	7/8/1992	12:14	0.3	22.5	7.6	198
1992	2	91	6	2	119	41	55.847	73	56.774	7/8/1992	7:09	0.3	22	7.9	196
1992	2	92	4	2	118	41	56.32	73	58.1	7/8/1992	11:47	0.3	23.1	8.6	212
1992	2	93	4	2	116	41	57.05	73	57.77	7/8/1992	11:22	0.3	22.9	8.9	197
1992	2	93	6	2	117	41	57.036	73	56.721	7/8/1992	7:28	0.3	22.1	7.4	196
1992	2	94	4	2	113	41	58.38	73	57.25	7/8/1992	10:54	0.3	22.1	8.1	199
1992	2	94	4	2	115	41	57.78	73	57.47	7/8/1992	11:06	0.3	22.2	7.9	199
1992	2	95	4	2	111	41	59.083	73	57.079	7/8/1992	10:39	0.3	22.9	9.1	197
1992	2	95	6	2	112	41	58.238	73	56.123	7/8/1992	7:44	0.3	22.2	7.8	199
1992	2	96	4	2	105	42	0.22	73	56.65	7/8/1992	9:50	0.3	22.1	8.6	201
1992	2	96	4	2	108	41	59.76	73	56.81	7/8/1992	10:03	0.3	22.2	8.2	199
1992	2	96	4	2	110	41	59.4	73	56.94	7/8/1992	10:17	0.3	22.2	8.7	201
1992	2	96	6	2	107	41	59.89	73	55.93	7/8/1992	8:13	0.3	21.8	7.7	202
1992	2	96	6	2	109	41	59.43	73	56.012	7/8/1992	7:56	0.3	22	7.8	201
1992	2	97	4	2	102	42	0.83	73	56.38	7/8/1992	9:23	0.3	22	8.8	203
1992	2	97	4	2	103	42	0.5	73	56.51	7/8/1992	9:36	0.3	21.1	8.8	211
1992	2	97	6	2	104	42	0.26	73	55.792	7/8/1992	8:27	0.3	22.1	8	201
1992	2	98	4	2	100	42	1.67	73	56.54	7/8/1992	8:55	0.3	22.1	8.3	202
1992	2	98	4	2	101	42	1.426	73	56.456	7/8/1992	9:08	0.3	22.1	8.6	202
1992	2	99	6	2	99	42	2.02	73	55.73	7/8/1992	8:43	0.3	21.9	7.8	204
1992	2	113	4	4	86	42	13.12	73	51.33	7/7/1992	17:53	0.3	22.5	9.4	229
1992	2	113	6	2	87	42	13.32	73	50.85	7/7/1992	18:12	0.3	22.2	9.4	230
1992	2	114	4	4	82	42	14.31	73	50.58	7/7/1992	17:19	0.3	22.5	9.6	226
1992	2	114	6	4	84	42	14.02	73	50.18	7/7/1992	17:36	0.3	24.9	12.1	220
1992	2	115	6	4	79	42	14.8	73	49	7/7/1992	17:01	0.3	22.9	9.4	239
1992	2	116	6	4	77	42	15.02	73	48.31	7/7/1992	16:44	0.3	22.9	9.5	229
1992	2	117	4	4	76	42	15.84	73	47.69	7/7/1992	16:24	0.3	22.9	9.6	224
1992	2	118	4	4	75	42	16.12	73	47.49	7/7/1992	16:10	0.3	22.8	9.4	220
1992	2	119	6	4	71	42	17.16	73	46.8	7/7/1992	15:55	0.3	24.1	10	223
1992	2	121	4	4	68	42	18.53	73	47.1	7/7/1992	15:27	0.3	23.1	10.2	223
1992	2	121	6	4	66	42	19.33	73	46.85	7/7/1992	14:59	0.3	23	10	223
1992	2	121	6	4	67	42	18.82	73	46.89	7/7/1992	15:12	0.3	23.5	10.4	224
1992	2	122	4	4	61	42	20.29	73	47.24	7/7/1992	14:11	0.3	23.5	10.5	224
1992	2	122	4	4	63	42	19.84	73	47.18	7/7/1992	14:41	0.3	23.1	10.1	223
1992	2	122	6	4	64	42	19.9	73	46.8	7/7/1992	14:28	0.3	22.9	10	224
1992	2	123	4	4	59					7/7/1992	13:42	0.3	23	10.2	227
1992	2	123	4	4	60	42	20.64	73	47.39	7/7/1992	13:56	0.3	23.5	10.4	224
1992	2	124	4	4	55	42	21.64	73	47.62	7/7/1992	13:16	0.3	22.5	9.8	221
1992	2	124	6	4	57	42	21.28	73	47.32	7/7/1992	13:28	0.3	22.1	9.8	223

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1992	2	128	4	4	44	42	25	73	46.99	7/7/1992	12:45	0.3	22.5	8.9	220
1992	2	128	6	4	43	42	25.02	73	46.62	7/7/1992	12:33	0.3	22.5	9.9	221
1992	2	129	6	4	39	42	25.879	73	46.76	7/7/1992	11:53	0.3	22.5	8.7	220
1992	2	129	6	4	40	42	25.67	73	46.67	7/7/1992	12:03	0.3	22.8	8.6	219
1992	2	129	6	4	42	42	25.226	73	46.523	7/7/1992	12:19	0.3	22.5	8.8	220
1992	2	132	4	4	30					7/7/1992	11:34	0.3	22	6.8	217
1992	2	139	4	4	19	42	34.03	73	45.26	7/7/1992	11:04	0.3	21.2	6.9	221
1992	2	140	4	2	10					7/7/1992	10:52	0.3	21.1	7.1	226
1992	2	145	6	2	4	42	39.51	73	44.09	7/7/1992	10:13	0.3	21.1	7.4	237
1992	2	145	6	2	5	42	39.19	73	44.41	7/7/1992	10:26	0.3	21.1	7.5	232
1992	2	148	6	2	3	42	41.41	73	42.584	7/7/1992	9:59	0.3	21.1	7.8	227
1992	2	149	6	2	2	42	42	73	42.07	7/7/1992	9:45	0.3	21.2	8	226
1992	3	18	4	2	260	40	56.889	73	55.1	7/20/1992	12:19	0.3	26.2	7.6	11178
1992	3	23	6	2	254	41	1.086	73	52.681	7/20/1992	12:50	0.3	25.8	8.5	9799
1992	3	23	6	2	255	41	0.74	73	52.83	7/20/1992	12:39	0.3	25.6	8.5	9643
1992	3	24	6	2	252	41	2.057	73	52.505	7/20/1992	13:18	0.3	26.1	9	8084
1992	3	24	6	2	253	41	1.169	73	52.711	7/20/1992	13:02	0.3	26	9.1	9271
1992	3	25	4	2	250	41	2.86	73	55.07	7/20/1992	11:50	0.3	27.1	9.7	9543
1992	3	26	4	2	271	41	3.77	73	55.22	7/20/1992	11:28	0.3	26.8	8.4	8641
1992	3	26	4	2	285	41	3.607	73	55.196	7/20/1992	11:38	0.3	26.4	9.6	9486
1992	3	26	6	2	247	41	3.891	73	52.077	7/20/1992	13:36	0.3	26.7	9.7	8563
1992	3	27	4	2	245	41	4.19	73	55.21	7/20/1992	11:16	0.3	26.5	9.3	8501
1992	3	27	4	2	272	41	4.49	73	55.14	7/20/1992	11:03	0.3	25.8	8	8035
1992	3	30	4	4	241	41	7.14	73	54.77	7/20/1992	10:43	0.3	25.9	7.4	6454
1992	3	31	4	4	283	41	8.34	73	54.4	7/20/1992	10:28	0.3	25.6	7.2	5914
1992	3	32	4	4	239	41	8.81	73	54.6	7/20/1992	10:19	0.3	25.6	7.1	5904
1992	3	35	6	2	231	41	11.23	73	53.69	7/20/1992	14:12	0.3	27.5	13	5963
1992	3	35	6	2	275	41	11.31	73	53.54	7/20/1992	14:24	0.3	27.4	12.8	5786
1992	3	36	4	4	227	41	11.02	73	57.41	7/20/1992	10:01	0.3	25.6	8.6	4024
1992	3	36	4	4	281	41	11.13	73	57.16	7/20/1992	9:51	0.3	25.3	9.1	4257
1992	3	36	4	4	282	41	11.2	73	57.17	7/20/1992	9:41	0.3	25.2	9.3	4216
1992	3	38	4	4	221	41	13.43	73	57.79	7/20/1992	9:18	0.3	25.1	6.7	3877
1992	3	38	4	4	278	41	12.96	73	57.828	7/20/1992	9:26	0.3	25.1	6.8	3777
1992	3	39	4	4	216	41	13.48	73	57.84	7/20/1992	9:02	0.3	25.1	7.5	3330
1992	3	40	6	4	211	41	14.88	73	57.6	7/20/1992	8:45	0.3	25	6.2	3765
1992	3	41	6	4	208	41	15.72	73	50.84	7/20/1992	8:01	0.3	27	5.8	3538
1992	3	48	4	2	197	41	20.86	73	58.08	7/20/1992	15:12	0.3	25	7	402
1992	3	49	4	2	196	41	21.16	73	57.74	7/20/1992	15:26	0.3	24.3	7	389
1992	3	52	6	2	194	41	24.12	73	56.81	7/20/1992	15:50	0.3	26.9	8.9	420
1992	3	59	6	2	180	41	29.08	73	59.37	7/22/1992	16:02	0.3	26	7.8	274
1992	3	60	6	2	176	41	29.57	73	59.06	7/22/1992	15:54	0.3	26	7.9	273
1992	3	61	4	2	174	41	31.15	74	0.37	7/22/1992	15:36	0.3	26.2	7.5	228
1992	3	62	4	2	171	41	32.19	73	59.91	7/22/1992	15:24	0.3	25.6	6.8	226

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1992	3	63	6	2	168	41	32.3	73	58.633	7/22/1992	15:10	0.3	26	7.6	236
1992	3	69	4	2	155	41	37.44	73	57.43	7/22/1992	14:31	0.3	25	9.1	230
1992	3	69	6	2	158	41	36.94	73	56.81	7/22/1992	14:49	0.3	24.9	6.6	235
1992	3	72	4	4	151	41	40.04	73	57.11	7/22/1992	13:48	0.3	26.2	10.1	231
1992	3	72	6	4	152	41	39.77	73	56.55	7/22/1992	14:13	0.3	25.1	6.6	244
1992	3	73	6	4	150	41	40.28	73	56.49	7/22/1992	13:25	0.3	25.9	9.9	234
1992	3	74	6	4	148	41	41.15	73	56.31	7/22/1992	13:07	0.3	25.4	8.4	229
1992	3	77	6	4	140	41	44.56	73	56.17	7/22/1992	12:29	0.3	24.9	7.8	242
1992	3	77	6	4	141	41	44.46	73	56.21	7/22/1992	12:39	0.3	24.9	7.7	242
1992	3	78	4	4	139	41	44.786	73	56.758	7/22/1992	12:13	0.3	25	7.6	241
1992	3	78	6	4	138	41	45.18	73	56.22	7/22/1992	11:53	0.3	25.1	7.4	240
1992	3	83	4	4	133	41	48.74	73	57.19	7/22/1992	11:16	0.3	24.5	7.4	250
1992	3	84	4	4	129	41	50.61	73	57.28	7/22/1992	11:00	0.3	24.5	7.5	251
1992	3	85	4	4	128					7/22/1992	10:37	0.3	24	7.9	264
1992	3	85	6	4	127	41	51.18	73	56.5	7/22/1992	10:24	0.3	24.2	7.1	248
1992	3	86	6	4	125	41	51.75	73	55.89	7/22/1992	10:11	0.3	23.6	7.5	251
1992	3	87	4	4	123	41	52.616	73	57.292	7/22/1992	9:41	0.3	24	8.3	252
1992	3	89	6	4	121	41	53.84	73	57.04	7/22/1992	9:25	0.3	24.1	6.9	252
1992	3	90	6	4	120	41	54.02	73	57.2	7/22/1992	9:15	0.3	23.2	7.4	257
1992	3	91	6	4	119	41	55.847	73	56.774	7/22/1992	9:01	0.3	23.3	7.6	256
1992	3	92	4	4	118	41	56.32	73	58.1	7/22/1992	8:15	0.3	23.1	7.7	281
1992	3	93	4	4	116	41	57.05	73	57.77	7/22/1992	8:29	0.3	24	7.3	264
1992	3	93	6	4	117	41	57.036	73	56.721	7/22/1992	8:43	0.3	23.5	6.9	257
1992	3	94	4	2	115	41	57.78	73	57.47	7/21/1992	19:05	0.3	24.3	9	273
1992	3	95	4	2	111	41	59.083	73	57.079	7/21/1992	18:52	0.3	24.1	6.7	274
1992	3	96	4	2	105	42	0.22	73	56.65	7/21/1992	17:42	0.3	24.8	7.1	278
1992	3	96	4	2	108	41	59.76	73	56.81	7/21/1992	18:30	0.3	24.5	9.1	275
1992	3	96	4	2	110	41	59.4	73	56.94	7/21/1992	18:41	0.3	24.5	9.4	274
1992	3	96	6	2	106	42	59.99	73	55.94	7/21/1992	17:55	0.3	25.1	9.2	273
1992	3	96	6	2	109	41	59.43	73	56.012	7/21/1992	18:13	0.3	25	7.9	270
1992	3	97	4	2	102	42	0.83	73	56.38	7/21/1992	17:17	0.3	25.2	7.9	278
1992	3	97	4	2	103	42	0.5	73	56.51	7/21/1992	17:32	0.3	24.8	7.3	279
1992	3	98	4	2	100	42	1.67	73	56.54	7/21/1992	16:57	0.3	24.3	7.2	293
1992	3	98	4	2	101	42	1.426	73	56.456	7/21/1992	17:07	0.3	24.3	7.2	295
1992	3	99	6	2	99	42	2.02	73	55.73	7/21/1992	16:45	0.3	24.7	8.3	281
1992	3	105	4	2	97	42	7.68	73	55.13	7/21/1992	16:10	0.3	24.6	8.4	340
1992	3	105	4	2	98	42	7.33	73	55.3	7/21/1992	16:23	0.3	24.7	8.8	292
1992	3	106	4	2	96	42	8.147	73	54.796	7/21/1992	15:59	0.3	24.6	8.4	340
1992	3	113	4	2	86	42	13.12	73	51.33	7/21/1992	15:33	0.3	24.1	9.4	293
1992	3	114	4	4	81	42	14.39	73	50.549	7/21/1992	15:00	0.3	25	10.9	290
1992	3	114	4	4	82	42	14.31	73	50.58	7/21/1992	15:13	0.3	25	10.9	290
1992	3	115	6	4	79	42	14.8	73	49	7/21/1992	14:42	0.3	24.8	10.2	305
1992	3	116	6	4	77	42	15.02	73	48.31	7/21/1992	14:32	0.3	24.2	10.2	293

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1992	3	117	4	4	76	42	15.84	73	47.69	7/21/1992	14:19	0.3	24.9	10.4	281
1992	3	118	4	4	75	42	16.12	73	47.49	7/21/1992	14:10	0.3	24.9	10.4	281
1992	3	119	6	4	69	42	17.29	73	46.78	7/21/1992	13:38	0.3	24.9	8	288
1992	3	119	6	4	71	42	17.16	73	46.8	7/21/1992	13:54	0.3	25	9.7	288
1992	3	121	4	4	65	42	19.307	73	47.217	7/21/1992	12:46	0.3	24.2	9	274
1992	3	121	4	4	68	42	18.53	73	47.1	7/21/1992	13:22	0.3	25	10.1	271
1992	3	121	6	4	66	42	19.33	73	46.85	7/21/1992	12:59	0.3	24.5	8.7	274
1992	3	122	4	4	61	42	20.29	73	47.24	7/21/1992	11:54	0.3	24.1	9	275
1992	3	122	6	4	64	42	19.9	73	46.8	7/21/1992	12:16	0.3	24.3	8.8	278
1992	3	123	4	4	60	42	20.64	73	47.39	7/21/1992	12:06	0.3	24	8	276
1992	3	124	4	4	55	42	21.64	73	47.62	7/21/1992	11:11	0.3	23.8	8.5	280
1992	3	124	4	4	58					7/21/1992	11:38	0.3	23.9	8	278
1992	3	124	6	4	56	42	21.49	73	47.29	7/21/1992	12:14	0.3	24	8.7	281
1992	3	128	6	4	43	42	25.02	73	46.62	7/21/1992	10:48	0.3	23.3	7.9	288
1992	3	128	6	4	45					7/21/1992	10:55	0.3	23.2	7.9	284
1992	3	129	6	4	38	42	26.05	73	46.82	7/21/1992	10:29	0.3	23.3	7.6	279
1992	3	129	6	4	40	42	25.67	73	46.67	7/21/1992	10:38	0.3	23.6	7.8	283
1992	3	131	4	4	33	42	28.06	73	47.13	7/21/1992	10:15	0.3	23.4	7.2	280
1992	3	132	4	4	32	42	28.13	73	47.21	7/21/1992	10:05	0.3	23.1	7.2	280
1992	3	135	4	4	26	42	30.91	73	46.27	7/21/1992	9:44	0.3	23.1	6.6	275
1992	3	139	4	4	15	42	34.32	73	45.25	7/21/1992	9:12	0.3	23.3	7.1	267
1992	3	139	4	4	19	42	34.03	73	45.26	7/21/1992	9:22	0.3	23.2	7.4	268
1992	3	140	6	4	11					7/21/1992	8:56	0.3	23.5	7.1	263
1992	3	145	6	4	4	42	39.51	73	44.09	7/21/1992	8:32	0.3	23	7.7	254
1992	3	149	6	4	2	42	42	73	42.07	7/21/1992	8:15	0.3	23	8.6	258
1992	4	16	4	2	262	40	54.9	73	55.7	8/3/1992	13:57	0.3	24.6	5.8	14061
1992	4	18	4	2	260	40	56.889	73	55.1	8/3/1992	13:40	0.3	24.7	6.9	11827
1992	4	20	6	2	258	40	57.73	73	53.661	8/3/1992	13:12	0.3	25.3	8.1	11484
1992	4	21	6	2	257	40	59.13	73	53.13	8/3/1992	12:25	0.3	24.7	7.4	10724
1992	4	23	6	2	255	41	0.74	73	52.83	8/3/1992	11:58	0.3	24.8	8	10002
1992	4	24	6	2	253	41	1.169	73	52.711	8/3/1992	14:29	0.3	24.4	7	10185
1992	4	25	4	2	250	41	2.86	73	55.07	8/6/1992	15:21	0.3	27.2	10	9048
1992	4	25	4	2	270	41	2.783	73	55.05	8/6/1992	15:37	0.3	26.6	9.1	9062
1992	4	25	6	2	251	41	2.46	73	52.42	8/3/1992	14:56	0.3	24.5	7	10165
1992	4	26	4	2	246	41	3.6	73	55.2	8/3/1992	11:28	0.3	24.6	8.9	10244
1992	4	26	4	2	271	41	3.77	73	55.22	8/3/1992	11:11	0.3	24.7	8	10223
1992	4	26	4	2	271	41	3.77	73	55.22	8/6/1992	15:12	0.3	27.1	10.1	8875
1992	4	26	6	2	247	41	3.891	73	52.077	8/3/1992	15:16	0.3	25.5	9	9761
1992	4	27	4	4	245	41	4.19	73	55.21	8/3/1992	10:55	0.3	24.3	8.9	10206
1992	4	27	4	4	272	41	4.49	73	55.14	8/3/1992	10:39	0.3	24.3	7.9	10409
1992	4	27	4	2	245	41	4.19	73	55.21	8/6/1992	14:57	0.3	26.5	10.8	8694
1992	4	28	6	2	244	41	5.33	73	52.33	8/3/1992	15:35	0.3	25.7	9.2	8739
1992	4	28	6	2	243	41	5.683	73	52.214	8/6/1992	16:11	0.3	26.5	11	6762

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1992	4	28	6	2	244	41	5.33	73	52.33	8/6/1992	15:57	0.3	26.4	11	6970
1992	4	29	4	4	242	41	6.1	73	54.88	8/6/1992	14:32	0.3	27.6	10.4	7368
1992	4	30	4	4	241	41	7.14	73	54.77	8/3/1992	10:11	0.3	24.2	8.3	8506
1992	4	31	4	4	283	41	8.34	73	54.4	8/3/1992	9:46	0.3	24.5	7.7	7145
1992	4	31	4	2	283	41	8.34	73	54.4	8/6/1992	14:22	0.3	27.2	8.4	5905
1992	4	32	4	4	239	41	8.81	73	54.6	8/6/1992	13:59	0.3	27	9.8	6311
1992	4	32	4	2	240	41	8.48	73	54.42	8/6/1992	14:15	0.3	27.2	8.6	6571
1992	4	32	6	2	238	41	8.85	73	52.123	8/3/1992	16:04	0.3	25.3	9.3	7029
1992	4	32	6	2	269	41	9.445	73	52.243	8/3/1992	16:20	0.3	25.8	10.4	7252
1992	4	32	6	2	237	41	9.274	73	52.181	8/6/1992	16:35	0.3	25.8	10.5	5782
1992	4	33	6	2	236	41	9.79	73	52.202	8/6/1992	16:49	0.3	27	11.6	5642
1992	4	34	6	2	233	41	10.662	73	53.922	8/6/1992	17:31	0.3	25.6	11.9	5018
1992	4	34	6	2	234	41	10.19	73	53.93	8/6/1992	17:24	0.3	25.5	12	5028
1992	4	34	6	2	235	41	10.632	73	52.59	8/6/1992	17:04	0.3	28.4	12.9	5577
1992	4	35	4	4	229	41	10.59	73	56.41	8/6/1992	13:38	0.3	27	7.7	3921
1992	4	35	4	4	230	41	10.59	73	56.39	8/6/1992	13:45	0.3	27.1	8	4008
1992	4	35	4	4	277	41	10.95	73	57.06	8/6/1992	13:25	0.3	22.2	12.4	5066
1992	4	35	6	2	231	41	11.23	73	53.69	8/6/1992	17:48	0.3	26	10.9	5368
1992	4	36	4	4	227	41	11.02	73	57.41	8/6/1992	13:17	0.3	27.1	12	4199
1992	4	36	4	4	281	41	11.13	73	57.16	8/6/1992	13:09	0.3	26.5	9.2	4135
1992	4	36	4	4	282	41	11.2	73	57.17	8/6/1992	13:01	0.3	26.8	9.4	4109
1992	4	38	4	4	221	41	13.43	73	57.79	8/6/1992	12:16	0.3	26.1	7.4	3302
1992	4	38	4	4	222	41	12.979	73	57.867	8/6/1992	12:35	0.3	27.5	10.5	3550
1992	4	38	4	4	223	41	12.89	73	57.806	8/6/1992	12:44	0.3	27.4	10	3557
1992	4	38	4	4	279	41	13.36	73	57.82	8/6/1992	12:25	0.3	26.2	7.5	3295
1992	4	40	4	4	209	41	14.97	73	58	8/6/1992	11:51	0.3	27	6.8	3012
1992	4	43	6	4	202	41	17.12	73	55.98	8/6/1992	10:52	0.3	25	7.6	1743
1992	4	43	6	4	204	41	16.693	73	56.484	8/6/1992	11:16	0.3	25.8	7.5	1421
1992	4	46	4	2	198	41	19.7	73	59	8/5/1992	15:08	0.3	25	7.6	493
1992	4	46	6	2	199	41	19.42	73	58.77	8/5/1992	15:24	0.3	24.8	7	610
1992	4	49	4	2	196	41	21.16	73	57.74	8/5/1992	14:49	0.3	25	8	438
1992	4	52	6	2	193	41	24.12	73	57.31	8/5/1992	13:58	0.3	25.6	7.8	353
1992	4	52	6	2	194	41	24.12	73	56.81	8/5/1992	14:13	0.3	25.3	7.6	366
1992	4	53	4	2	192	41	24.19	73	57.95	8/5/1992	13:37	0.3	24.9	7.8	270
1992	4	55	6	4	189	41	25.66	73	58.14	8/5/1992	13:20	0.3	24.6	7.6	256
1992	4	57	4	4	185	41	27.68	74	0.73	8/5/1992	12:45	0.3	26.2	9.5	282
1992	4	58	4	4	183	41	28.02	74	0.87	8/5/1992	12:25	0.3	26	9.4	278
1992	4	58	4	4	184	41	27.78	74	0.7	8/5/1992	12:34	0.3	26	9.4	277
1992	4	59	6	4	179	41	29.24	73	59.34	8/5/1992	11:41	0.3	23.5	8	307
1992	4	59	6	4	180	41	29.08	73	59.37	8/5/1992	11:53	0.3	23.5	8	306
1992	4	60	6	4	177	41	29.52	73	59.24	8/5/1992	11:30	0.3	23.5	7.5	293
1992	4	63	6	4	168	41	32.3	73	58.633	8/5/1992	10:58	0.3	23.8	8.4	265
1992	4	69	6	4	156	41	37.03	73	56.88	8/5/1992	10:31	0.3	24.3	7.8	243

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1992	4	71	4	4	154	41	38.88	73	57.23	8/5/1992	10:15	0.3	23.8	6.8	253
1992	4	72	6	4	152	41	39.77	73	56.55	8/5/1992	10:01	0.3	23.9	7	275
1992	4	76	4	4	146	41	42.94	73	56.87	8/5/1992	9:39	0.3	23.9	7.7	368
1992	4	77	6	4	141	41	44.46	73	56.21	8/5/1992	9:14	0.3	23.2	7	351
1992	4	77	6	4	143	41	43.83	73	56.16	8/5/1992	9:26	0.3	23.9	7.2	331
1992	4	80	6	4	137	41	46.14	73	56.82	8/5/1992	8:59	0.3	23.2	7.3	362
1992	4	84	4	4	129	41	50.61	73	57.28	8/5/1992	8:36	0.3	23	8.7	333
1992	4	85	6	4	127	41	51.18	73	56.5	8/5/1992	8:24	0.3	23	7.8	332
1992	4	89	6	4	121	41	53.84	73	57.04	8/5/1992	7:57	0.3	22.5	8.1	325
1992	4	91	6	2	119	41	55.847	73	56.774	8/4/1992	18:03	0.3	24	9.4	261
1992	4	92	4	2	118	41	56.32	73	58.1	8/4/1992	18:23	0.3	24.4	9.4	272
1992	4	93	4	2	116	41	57.05	73	57.77	8/4/1992	17:20	0.3	24	8.9	239
1992	4	93	6	2	117	41	57.036	73	56.721	8/4/1992	17:36	0.3	23.4	8.8	242
1992	4	95	4	2	111	41	59.083	73	57.079	8/4/1992	17:08	0.3	23.5	9	257
1992	4	96	4	2	105	42	0.22	73	56.65	8/4/1992	16:28	0.3	24.3	8.8	234
1992	4	96	4	2	108	41	59.76	73	56.81	8/4/1992	16:42	0.3	24	8.8	239
1992	4	96	4	2	110	41	59.4	73	56.94	8/4/1992	16:54	0.3	24	8.8	239
1992	4	97	4	2	103	42	0.5	73	56.51	8/4/1992	16:17	0.3	24.3	9.2	237
1992	4	98	4	2	100	42	1.67	73	56.54	8/4/1992	15:56	0.3	24	8.9	239
1992	4	98	4	2	101	42	1.426	73	56.456	8/4/1992	16:05	0.3	24	8.9	239
1992	4	105	4	4	98	42	7.33	73	55.3	8/4/1992	15:15	0.3	25.2	10.4	289
1992	4	106	4	4	96	42	8.147	73	54.796	8/4/1992	14:51	0.3	24.5	10	347
1992	4	114	4	4	81	42	14.39	73	50.549	8/4/1992	14:00	0.3	23.9	10.6	229
1992	4	114	6	4	85	42	13.54	73	50.75	8/4/1992	14:16	0.3	24.4	8.9	227
1992	4	118	4	4	75	42	16.12	73	47.49	8/4/1992	12:27	0.3	24.2	10.5	213
1992	4	119	4	4	72	42	16.82	73	47.28	8/4/1992	12:16	0.3	24	8.8	214
1992	4	119	6	4	69	42	17.29	73	46.78	8/4/1992	12:02	0.3	24	10.2	224
1992	4	121	6	4	67	42	18.82	73	46.89	8/4/1992	11:39	0.3	24	10.2	193
1992	4	122	6	4	64	42	19.9	73	46.8	8/4/1992	11:28	0.3	23.8	9.8	235
1992	4	123	4	4	60	42	20.64	73	47.39	8/4/1992	11:17	0.3	23.9	10	232
1992	4	124	4	4	55	42	21.64	73	47.62	8/4/1992	11:02	0.3	24	9.9	237
1992	4	124	6	4	56	42	21.49	73	47.29	8/4/1992	10:48	0.3	23.9	9.5	239
1992	4	125	4	4	53	42	22.27	73	47.62	8/4/1992	10:11	0.3	23.8	9.4	236
1992	4	125	6	4	54	42	22.034	73	47.302	8/4/1992	10:26	0.3	23.5	9.9	236
1992	4	133	4	4	29	42	29.09	73	47.273	8/4/1992	9:44	0.3	22.2	8.1	259
1992	4	138	4	4	21	42	33.51	73	45.33	8/4/1992	9:16	0.3	23.5	8.2	257
1992	4	145	6	4	4	42	39.51	73	44.09	8/4/1992	8:43	0.3	23.5	8.1	252
1992	4	145	6	4	5	42	39.19	73	44.41	8/4/1992	8:55	0.3	23.3	8	196
1992	4	149	6	4	2	42	42	73	42.07	8/4/1992	8:21	0.3	23.6	8.5	190
1992	5	15	4	2	263	40	54.252	73	55.961	8/17/1992	12:41	0.3	23.4	6.7	12662
1992	5	16	4	2	262	40	54.9	73	55.7	8/17/1992	12:30	0.3	23.5	6.5	12636
1992	5	19	6	2	259	40	57.735	73	53.561	8/17/1992	13:06	0.3	23.6	6.7	12713
1992	5	20	6	2	258	40	57.73	73	53.661	8/17/1992	13:25	0.3	23.9	6.9	12329

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1992	5	23	6	2	255	41	0.74	73	52.83	8/17/1992	13:44	0.3	24	6.7	12100
1992	5	24	6	2	252	41	2.057	73	52.505	8/17/1992	14:11	0.3	24.2	6.3	10430
1992	5	24	6	2	253	41	1.169	73	52.711	8/17/1992	13:58	0.3	24.1	6.7	12176
1992	5	25	4	2	250	41	2.86	73	55.07	8/18/1992	11:43	0.3	22.1	8.4	8249
1992	5	26	4	2	246	41	3.6	73	55.2	8/17/1992	11:32	0.3	22.3	7	7794
1992	5	26	4	2	271	41	3.77	73	55.22	8/17/1992	11:18	0.3	22.3	7.7	7583
1992	5	26	4	2	285	41	3.607	73	55.196	8/17/1992	11:45	0.3	22.2	7.4	7810
1992	5	26	4	2	246	41	3.6	73	55.2	8/18/1992	11:24	0.3	22.3	7.8	8215
1992	5	26	4	2	271	41	3.77	73	55.22	8/18/1992	11:14	0.3	23	7.7	7889
1992	5	26	4	2	285	41	3.607	73	55.196	8/18/1992	11:35	0.3	23.5	7.8	8013
1992	5	26	6	4	248	41	3.273	73	52.221	8/17/1992	14:40	0.3	23.5	6.2	11301
1992	5	26	6	4	249	41	2.67	73	52.3	8/17/1992	14:26	0.3	23.7	6.9	10333
1992	5	26	6	2	247	41	3.891	73	52.077	8/18/1992	12:00	0.3	23.4	7	10089
1992	5	27	4	2	272	41	4.49	73	55.14	8/17/1992	11:04	0.3	22.9	7.2	7593
1992	5	27	4	2	245	41	4.19	73	55.21	8/18/1992	11:00	0.3	23	7.8	7370
1992	5	28	6	2	243	41	5.683	73	52.214	8/18/1992	12:27	0.3	22.5	8.2	5244
1992	5	28	6	2	244	41	5.33	73	52.33	8/18/1992	12:17	0.3	22.4	8.4	5676
1992	5	29	4	4	242	41	6.1	73	54.88	8/17/1992	10:45	0.3	24	7	7016
1992	5	29	4	2	242	41	6.1	73	54.88	8/18/1992	10:40	0.3	23	7.8	7266
1992	5	30	4	2	241	41	7.14	73	54.77	8/18/1992	10:29	0.3	23.9	7.8	6725
1992	5	31	4	4	283	41	8.34	73	54.4	8/17/1992	10:27	0.3	22.3	6.7	6425
1992	5	31	4	2	283	41	8.34	73	54.4	8/18/1992	10:15	0.3	23.8	8.2	6636
1992	5	32	4	4	239	41	8.81	73	54.6	8/17/1992	9:50	0.3	23	6.7	5917
1992	5	32	4	4	240	41	8.48	73	54.42	8/17/1992	10:19	0.3	22	6.7	6465
1992	5	32	4	2	240	41	8.48	73	54.42	8/18/1992	10:01	0.3	23.9	5.9	6521
1992	5	34	6	4	234	41	10.19	73	53.93	8/17/1992	15:12	0.3	23.5	7.8	6780
1992	5	35	4	4	277	41	10.95	73	57.06	8/18/1992	9:40	0.3	23.7	8	5729
1992	5	35	6	4	232	41	11.172	73	53.996	8/17/1992	15:22	0.3	23.6	7.7	6664
1992	5	36	4	4	226	41	11.8	73	57.5	8/18/1992	8:55	0.3	24	7.8	5796
1992	5	36	4	4	227	41	11.02	73	57.41	8/18/1992	9:32	0.3	23.5	8.1	5342
1992	5	36	4	4	281	41	11.13	73	57.16	8/18/1992	9:22	0.3	24.1	6.1	5784
1992	5	36	4	4	282	41	11.2	73	57.17	8/18/1992	9:15	0.3	24.1	6.2	5682
1992	5	37	4	4	225	41	12.096	73	57.458	8/18/1992	8:42	0.3	24	7.8	5897
1992	5	38	4	4	221	41	13.43	73	57.79	8/18/1992	8:26	0.3	24	6.9	5175
1992	5	38	4	4	222	41	12.979	73	57.867	8/18/1992	8:13	0.3	24	7.3	5175
1992	5	38	4	4	223	41	12.89	73	57.806	8/18/1992	7:30	0.3	24	6.3	4891
1992	5	38	4	4	278	41	12.96	73	57.828	8/18/1992	8:01	0.3	24	6.7	5186
1992	5	38	4	4	279	41	13.36	73	57.82	8/18/1992	7:55	0.3	24	6.3	5186
1992	5	38	4	4	280	41	13.4	73	57.81	8/18/1992	7:44	0.3	24	6.3	5084
1992	5	39	4	2	216	41	13.48	73	57.84	8/18/1992	13:00	0.3	25.8	7.3	3832
1992	5	40	6	2	212					8/18/1992	13:20	0.3	25.1	6.7	3290
1992	5	41	6	2	208	41	15.72	73	50.84	8/18/1992	13:33	0.3	25.1	6.2	2982
1992	5	46	4	2	198	41	19.7	73	59	8/18/1992	14:03	0.3	24.5	7.3	1288

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1992	5	46	6	2	199	41	19.42	73	58.77	8/18/1992	13:52	0.3	24.6	5.8	1306
1992	5	49	4	2	196	41	21.16	73	57.74	8/18/1992	14:28	0.3	24.8	6	810
1992	5	51	6	2	195	41	22.87	73	50.61	8/18/1992	14:43	0.3	24.3	7.4	515
1992	5	52	6	2	193	41	24.12	73	57.31	8/18/1992	15:13	0.3	23.4	5.2	515
1992	5	52	6	2	194	41	24.12	73	56.81	8/18/1992	15:00	0.3	23.4	5.1	515
1992	5	53	4	2	192	41	24.19	73	57.95	8/18/1992	15:26	0.3	23.6	7.4	377
1992	5	57	4	4	185	41	27.68	74	0.73	8/20/1992	13:45	0.3	26.3	8.9	312
1992	5	57	4	4	186	41	27.28	74	0.8	8/20/1992	13:54	0.3	26.4	9.1	312
1992	5	58	4	4	184	41	27.78	74	0.7	8/20/1992	13:33	0.3	25.5	8.3	309
1992	5	59	6	4	180	41	29.08	73	59.37	8/20/1992	13:05	0.3	25.6	7.1	315
1992	5	59	6	4	181	41	29.04	73	59.33	8/20/1992	13:15	0.3	25.7	7.2	312
1992	5	61	4	4	174	41	31.15	74	0.37	8/20/1992	12:45	0.3	25.8	6.4	312
1992	5	62	4	4	173	41	31.59	74	0.28	8/20/1992	12:25	0.3	25.6	6.6	310
1992	5	69	4	4	155	41	37.44	73	57.43	8/20/1992	10:25	0.3	25.9	10.2	323
1992	5	69	6	4	157	41	36.97	73	56.85	8/20/1992	11:40	0.3	26	6.3	320
1992	5	69	6	4	158	41	36.94	73	56.81	8/20/1992	11:58	0.3	26	6.8	321
1992	5	76	4	4	144					8/20/1992	10:55	0.3	22.8	7.4	302
1992	5	81	4	4	135	41	47.474	73	57.457	8/20/1992	10:30	0.3	24.2	6.8	294
1992	5	82	4	4	134	41	48.51	73	57.22	8/20/1992	10:09	0.3	24.3	6.7	293
1992	5	83	4	4	131	41	49.33	73	57.31	8/20/1992	9:55	0.3	23.8	6.2	281
1992	5	85	4	4	128					8/20/1992	9:25	0.3	22.8	7.9	303
1992	5	85	6	4	127	41	51.18	73	56.5	8/20/1992	8:50	0.3	23.8	7.2	305
1992	5	90	6	2	120	41	54.02	73	57.2	8/19/1992	18:40	0.3	23.7	7.4	296
1992	5	91	6	2	119	41	55.847	73	56.774	8/19/1992	18:25	0.3	23.7	7.7	295
1992	5	92	4	2	118	41	56.32	73	58.1	8/19/1992	17:45	0.3	23.6	6.6	278
1992	5	93	4	2	116	41	57.05	73	57.77	8/19/1992	17:32	0.3	23.1	6.3	281
1992	5	93	6	2	117	41	57.036	73	56.721	8/19/1992	18:09	0.3	23.4	7.4	296
1992	5	96	4	2	105	42	0.22	73	56.65	8/19/1992	17:15	0.3	23.6	7.4	285
1992	5	97	4	2	102	42	0.83	73	56.38	8/19/1992	16:52	0.3	23.7	8.2	287
1992	5	97	4	2	103	42	0.5	73	56.51	8/19/1992	17:12	0.3	23.7	7.4	290
1992	5	98	4	2	100	42	1.67	73	56.54	8/19/1992	15:24	0.3	23.4	8.3	294
1992	5	98	4	2	101	42	1.426	73	56.456	8/19/1992	15:38	0.3	23.5	8.3	288
1992	5	99	6	2	99	42	2.02	73	55.73	8/19/1992	15:59	0.3	23.6	7.9	285
1992	5	105	4	2	97	42	7.68	73	55.13	8/19/1992	15:15	0.3	23.7	7.9	278
1992	5	105	4	2	98	42	7.33	73	55.3	8/19/1992	15:30	0.3	23.6	7.8	277
1992	5	106	4	4	96	42	8.147	73	54.796	8/19/1992	15:09	0.3	23.4	7.2	294
1992	5	112	4	4	88	42	12.69	73	51.26	8/19/1992	14:41	0.3	23	7.4	284
1992	5	114	4	4	83	42	14.26	73	50.71	8/19/1992	14:23	0.3	23.6	8	287
1992	5	118	4	4	75	42	16.12	73	47.49	8/19/1992	13:58	0.3	23	7.9	289
1992	5	119	6	4	69	42	17.29	73	46.78	8/19/1992	13:30	0.3	22.9	7.7	273
1992	5	119	6	4	71	42	17.16	73	46.8	8/19/1992	13:46	0.3	22.9	8.1	283
1992	5	121	4	4	65	42	19.307	73	47.217	8/19/1992	12:54	0.3	22.4	8.3	287
1992	5	121	6	4	67	42	18.82	73	46.89	8/19/1992	13:08	0.3	22.4	8.4	284

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1992	5	122	6	4	64	42	19.9	73	46.8	8/19/1992	12:43	0.3	22.4	8.6	292
1992	5	124	4	2	55	42	21.64	73	47.62	8/19/1992	12:10	0.3	22.8	7	269
1992	5	124	6	4	56	42	21.49	73	47.29	8/19/1992	12:24	0.3	22.3	8.5	289
1992	5	128	4	4	44	42	25	73	46.99	8/19/1992	11:48	0.3	22.3	7.8	312
1992	5	129	6	4	39	42	25.879	73	46.76	8/19/1992	11:30	0.3	22.3	7.5	311
1992	5	133	4	2	29	42	29.09	73	47.273	8/19/1992	11:02	0.3	22.3	7.2	306
1992	5	138	4	2	21	42	33.51	73	45.33	8/19/1992	8:30	0.3	22.3	6.7	300
1992	5	139	4	2	19	42	34.03	73	45.26	8/19/1992	8:18	0.3	22	6	298
1992	5	140	4	2	12					8/19/1992	8:03	0.3	22	8	300
1992	5	145	6	2	4	42	39.51	73	44.09	8/19/1992	7:42	0.3	22	8	276
1992	6	15	4	2	263	40	54.252	73	55.961	8/31/1992	12:52	0.3	24.1	8	22019
1992	6	16	4	2	262	40	54.9	73	55.7	8/31/1992	12:40	0.3	23.4	8.4	21619
1992	6	20	6	2	258	40	57.73	73	53.661	8/31/1992	13:13	0.3	23.5	9	20033
1992	6	23	6	2	254	41	1.086	73	52.681	8/31/1992	13:42	0.3	25	10.4	15539
1992	6	23	6	2	255	41	0.74	73	52.83	8/31/1992	13:31	0.3	24	10.2	17285
1992	6	25	4	2	250	41	2.86	73	55.07	8/31/1992	11:42	0.3	23.9	11.6	14978
1992	6	25	4	2	270	41	2.783	73	55.05	8/31/1992	12:02	0.3	24	10.6	15252
1992	6	26	4	2	246	41	3.6	73	55.2	8/31/1992	11:15	0.3	24	11.1	15252
1992	6	26	4	2	271	41	3.77	73	55.22	8/31/1992	11:03	0.3	23.5	11.6	15410
1992	6	26	4	2	285	41	3.607	73	55.196	8/31/1992	11:31	0.3	24.1	11.6	15322
1992	6	26	6	4	247	41	3.891	73	52.077	8/31/1992	14:24	0.3	24.9	11.2	11479
1992	6	26	6	4	248	41	3.273	73	52.221	8/31/1992	14:12	0.3	25	9.5	11953
1992	6	26	6	2	249	41	2.67	73	52.3	8/31/1992	13:59	0.3	24.9	10.6	14274
1992	6	27	4	2	245	41	4.19	73	55.21	8/31/1992	10:52	0.3	23.6	12	14353
1992	6	27	4	2	272	41	4.49	73	55.14	8/31/1992	10:41	0.3	23.9	11	14774
1992	6	27	4	4	272	41	4.49	73	55.14	9/2/1992	10:12	0.3	22.6	8.1	11409
1992	6	28	6	4	243	41	5.683	73	52.214	8/31/1992	14:56	0.3	24.8	11.2	4501
1992	6	28	6	4	244	41	5.33	73	52.33	8/31/1992	14:42	0.3	24.9	10.2	8983
1992	6	29	4	2	242	41	6.1	73	54.88	8/31/1992	10:21	0.3	24	10.8	14235
1992	6	29	4	4	242	41	6.1	73	54.88	9/2/1992	9:51	0.3	22.3	8.3	10427
1992	6	30	4	2	241	41	7.14	73	54.77	8/31/1992	10:05	0.3	23.5	11.4	13561
1992	6	30	4	4	241	41	7.14	73	54.77	9/2/1992	9:33	0.3	23	7.3	8927
1992	6	31	4	2	283	41	8.34	73	54.4	8/31/1992	9:52	0.3	24.4	9.7	12404
1992	6	31	4	4	283	41	8.34	73	54.4	9/2/1992	9:18	0.3	22.9	8.3	8217
1992	6	32	4	4	239	41	8.81	73	54.6	8/31/1992	9:28	0.3	24.6	8.4	12353
1992	6	32	4	2	240	41	8.48	73	54.42	8/31/1992	9:44	0.3	24.4	9.6	12404
1992	6	32	6	1	237	41	9.274	73	52.181	9/2/1992	10:34	0.3	22.9	7.9	9466
1992	6	32	6	2	269	41	9.445	73	52.243	9/2/1992	10:43	0.3	22.8	7.9	9589
1992	6	33	6	2	236	41	9.79	73	52.202	9/2/1992	11:00	0.3	22.8	7.8	9277
1992	6	34	6	2	235	41	10.632	73	52.59	9/2/1992	11:16	0.3	23	8.8	7266
1992	6	35	4	4	229	41	10.59	73	56.41	9/2/1992	9:02	0.3	22.9	8	6657
1992	6	35	4	4	277	41	10.95	73	57.06	9/2/1992	8:53	0.3	23	8.1	6540
1992	6	35	6	2	231	41	11.23	73	53.69	9/2/1992	11:44	0.3	23	8.5	7474

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1992	6	35	6	2	275	41	11.31	73	53.54	9/2/1992	11:52	0.3	22.9	7.9	7281
1992	6	36	4	4	226	41	11.8	73	57.5	9/2/1992	8:10	0.3	22.5	7	6293
1992	6	36	4	4	227	41	11.02	73	57.41	9/2/1992	8:33	0.3	23	8.2	6540
1992	6	36	4	4	281	41	11.13	73	57.16	9/2/1992	8:17	0.3	22.7	7.2	6267
1992	6	37	4	4	224					9/2/1992	7:55	0.3	23.5	6.9	6986
1992	6	38	4	4	221	41	13.43	73	57.79	9/2/1992	7:09	0.3	22.8	8	5212
1992	6	38	4	4	222	41	12.979	73	57.867	9/2/1992	7:28	0.3	23.5	6.9	5445
1992	6	38	4	4	223	41	12.89	73	57.806	9/2/1992	7:38	0.3	23.5	7	5445
1992	6	38	4	4	279	41	13.36	73	57.82	9/2/1992	7:19	0.3	23	8	5294
1992	6	38	4	4	280	41	13.4	73	57.81	9/2/1992	6:57	0.3	23.7	7.1	5116
1992	6	40	4	2	214	41	14.31	73	58.5	9/2/1992	12:13	0.3	22.9	7.9	5305
1992	6	40	6	2	211	41	14.88	73	57.6	9/2/1992	12:34	0.3	23.5	8.6	4017
1992	6	43	6	2	205	41	16.413	73	56.551	9/2/1992	12:45	0.3	24.5	7	3724
1992	6	46	4	2	198	41	19.7	73	59	9/2/1992	13:19	0.3	24.3	8.4	1506
1992	6	46	6	2	199	41	19.42	73	58.77	9/2/1992	13:05	0.3	24.5	7.7	1701
1992	6	49	4	2	196	41	21.16	73	57.74	9/2/1992	13:37	0.3	24.3	8.3	1213
1992	6	52	6	2	193	41	24.12	73	57.31	9/2/1992	14:15	0.3	24.6	7.8	914
1992	6	53	6	2	191	41	24.882	73	57.554	9/2/1992	14:42	0.3	24.6	8.2	854
1992	6	56	4	2	188	41	26.47	73	59.66	9/2/1992	15:06	0.3	25	8	457
1992	6	57	4	2	185	41	27.68	74	0.73	9/2/1992	15:40	0.3	25.2	8.1	476
1992	6	57	4	2	186	41	27.28	74	0.8	9/2/1992	15:28	0.3	25	8	491
1992	6	58	4	2	183	41	28.02	74	0.87	9/2/1992	16:10	0.3	25.1	8.5	477
1992	6	58	4	2	184	41	27.78	74	0.7	9/2/1992	15:54	0.3	25	8.7	480
1992	6	59	6	2	179	41	29.24	73	59.34	9/2/1992	16:35	0.3	23.4	8	607
1992	6	66	6	3	161	41	34.88	73	56.84	9/1/1992	19:04	0.3	23.5	8.5	329
1992	6	69	4	2	155	41	37.44	73	57.43	9/1/1992	18:22	0.3	22.8	9.2	305
1992	6	69	6	2	156	41	37.03	73	56.88	9/1/1992	18:32	0.3	23.6	7.4	306
1992	6	76	4	2	144					9/1/1992	18:00	0.3	22.8	9.1	307
1992	6	82	4	2	134	41	48.51	73	57.22	9/1/1992	17:41	0.3	22.5	10.3	302
1992	6	83	4	2	133	41	48.74	73	57.19	9/1/1992	17:28	0.3	22.9	9.8	294
1992	6	84	4	2	129	41	50.61	73	57.28	9/1/1992	17:16	0.3	22.9	9.8	292
1992	6	85	4	2	128					9/1/1992	17:02	0.3	22.6	9.6	294
1992	6	85	6	2	127	41	51.18	73	56.5	9/1/1992	16:53	0.3	22.8	9.6	300
1992	6	86	4	2	126	41	51.44	73	56.97	9/1/1992	16:41	0.3	23.2	9.1	298
1992	6	86	6	2	125	41	51.75	73	55.89	9/1/1992	16:30	0.3	22.8	10	295
1992	6	90	6	2	120	41	54.02	73	57.2	9/1/1992	16:05	0.3	22.6	9.2	307
1992	6	92	4	2	118	41	56.32	73	58.1	9/1/1992	15:44	0.3	22.8	9	306
1992	6	96	4	2	105	42	0.22	73	56.65	9/1/1992	15:25	0.3	23	9	291
1992	6	97	4	2	102	42	0.83	73	56.38	9/1/1992	15:05	0.3	24.8	10.9	290
1992	6	97	4	2	103	42	0.5	73	56.51	9/1/1992	15:15	0.3	24.3	9.3	293
1992	6	98	4	2	100	42	1.67	73	56.54	9/1/1992	14:40	0.3	23	10	299
1992	6	98	4	2	101	42	1.426	73	56.456	9/1/1992	14:50	0.3	22.5	10.2	297
1992	6	99	6	2	99	42	2.02	73	55.73	9/1/1992	14:18	0.3	22.8	9.3	300

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1992	6	105	4	4	97	42	7.68	73	55.13	9/1/1992	13:09	0.3	23.8	10.2	294
1992	6	105	4	4	98	42	7.33	73	55.3	9/1/1992	13:19	0.3	23.5	10.2	295
1992	6	106	4	4	96	42	8.147	73	54.796	9/1/1992	12:53	0.3	23.7	9.5	338
1992	6	114	4	4	82	42	14.31	73	50.58	9/1/1992	12:10	0.3	23.1	9	291
1992	6	115	6	4	79	42	14.8	73	49	9/1/1992	11:57	0.3	23.3	9.6	277
1992	6	118	4	4	75	42	16.12	73	47.49	9/1/1992	11:37	0.3	22.8	8.4	292
1992	6	119	6	4	69	42	17.29	73	46.78	9/1/1992	11:13	0.3	22.8	9.7	293
1992	6	119	6	4	71	42	17.16	73	46.8	9/1/1992	11:25	0.3	23	9.4	294
1992	6	121	4	4	68	42	18.53	73	47.1	9/1/1992	11:02	0.3	23.2	8.4	288
1992	6	121	6	4	67	42	18.82	73	46.89	9/1/1992	10:53	0.3	23.4	8.4	273
1992	6	123	4	4	60	42	20.64	73	47.39	9/1/1992	10:25	0.3	22.9	8.4	293
1992	6	124	6	4	57	42	21.28	73	47.32	9/1/1992	10:11	0.3	23.3	8.4	295
1992	6	128	6	4	43	42	25.02	73	46.62	9/1/1992	9:52	0.3	23.4	8.7	303
1992	6	129	6	4	39	42	25.879	73	46.76	9/1/1992	9:29	0.3	23.5	9.4	296
1992	6	138	4	4	22	42	33.36	73	45.42	9/1/1992	8:55	0.3	22.8	7.5	313
1992	6	139	6	2	17	42	34.22	73	45.02	9/1/1992	8:41	0.3	22.8	7.5	311
1992	6	140	4	2	12					9/1/1992	8:26	0.3	22.4	7.3	308
1992	6	145	6	2	4	42	39.51	73	44.09	9/1/1992	8:03	0.3	21.8	8.1	307
1992	6	148	6	2	3	42	41.41	73	42.584	9/1/1992	7:51	0.3	21.8	7.4	307
1992	7	19	6	2	259	40	57.735	73	53.561	9/14/1992	13:06	0.3	22.3	8.8	16957
1992	7	21	6	2	257	40	59.13	73	53.13	9/14/1992	12:53	0.3	22.6	8.8	16747
1992	7	22	6	2	256	40	59.97	73	53.05	9/14/1992	12:35	0.3	22.9	8.8	14562
1992	7	23	6	2	254	41	1.086	73	52.681	9/14/1992	12:04	0.3	22.6	9.1	13502
1992	7	23	6	2	255	41	0.74	73	52.83	9/14/1992	12:23	0.3	22.5	8.7	13635
1992	7	24	6	2	252	41	2.057	73	52.505	9/14/1992	13:25	0.3	22.6	8.9	15072
1992	7	25	4	2	250	41	2.86	73	55.07	9/14/1992	11:43	0.3	21.9	9	11576
1992	7	25	4	2	270	41	2.783	73	55.05	9/16/1992	10:38	0.3	21.2	10.2	11747
1992	7	26	4	2	246	41	3.6	73	55.2	9/14/1992	11:10	0.3	21.9	8.9	11576
1992	7	26	4	2	271	41	3.77	73	55.22	9/14/1992	10:57	0.3	21.8	10.4	11707
1992	7	26	4	2	285	41	3.607	73	55.196	9/14/1992	11:23	0.3	21.8	9	11707
1992	7	26	4	2	246	41	3.6	73	55.2	9/16/1992	10:21	0.3	21.3	10	10969
1992	7	26	4	2	271	41	3.77	73	55.22	9/16/1992	10:09	0.3	21.2	9.4	11100
1992	7	26	6	2	247	41	3.891	73	52.077	9/14/1992	13:40	0.3	23	9.4	13494
1992	7	27	4	2	245	41	4.19	73	55.21	9/14/1992	10:37	0.3	21.9	9	11682
1992	7	27	4	2	272	41	4.49	73	55.14	9/14/1992	10:26	0.3	22	9.1	11446
1992	7	27	4	2	245	41	4.19	73	55.21	9/16/1992	9:58	0.3	21	10	10930
1992	7	28	6	2	243	41	5.683	73	52.214	9/14/1992	14:05	0.3	23	10.4	12456
1992	7	28	6	2	244	41	5.33	73	52.33	9/14/1992	13:54	0.3	23	10.2	12560
1992	7	29	4	2	242	41	6.1	73	54.88	9/14/1992	10:10	0.3	22.3	8.8	10532
1992	7	29	4	2	242	41	6.1	73	54.88	9/16/1992	9:38	0.3	21.9	9.6	10514
1992	7	30	4	2	241	41	7.14	73	54.77	9/14/1992	9:55	0.3	22.5	8.8	10488
1992	7	30	4	2	241	41	7.14	73	54.77	9/16/1992	9:20	0.3	21.2	9.9	10561
1992	7	31	4	2	283	41	8.34	73	54.4	9/14/1992	9:47	0.3	22.4	8.8	9775

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1992	7	32	4	4	239	41	8.81	73	54.6	9/14/1992	9:25	0.3	22.5	9.3	8705
1992	7	32	4	4	240	41	8.48	73	54.42	9/14/1992	9:33	0.3	22.5	9.2	8915
1992	7	32	4	4	239	41	8.81	73	54.6	9/16/1992	9:02	0.3	22	9.6	9326
1992	7	32	4	2	240	41	8.48	73	54.42	9/16/1992	9:11	0.3	22	10.1	9432
1992	7	32	6	2	238	41	8.85	73	52.123	9/16/1992	11:05	0.3	22.7	9.8	8565
1992	7	34	6	2	233	41	10.662	73	53.922	9/16/1992	11:32	0.3	22	11.4	8373
1992	7	34	6	2	234	41	10.19	73	53.93	9/16/1992	11:19	0.3	22	11.5	8373
1992	7	35	4	4	229	41	10.59	73	56.41	9/16/1992	8:39	0.3	22	8.2	7419
1992	7	35	4	4	230	41	10.59	73	56.39	9/16/1992	8:48	0.3	22	8.3	7419
1992	7	35	4	4	277	41	10.95	73	57.06	9/16/1992	8:24	0.3	22	8.4	7631
1992	7	35	6	2	232	41	11.172	73	53.996	9/16/1992	14:45	0.3	22.6	11	8373
1992	7	36	4	4	227	41	11.02	73	57.41	9/16/1992	8:15	0.3	22	8.4	7525
1992	7	36	4	4	281	41	11.13	73	57.16	9/16/1992	8:02	0.3	21.9	8.3	7222
1992	7	37	4	4	225	41	12.096	73	57.458	9/16/1992	7:50	0.3	22	8	6889
1992	7	38	4	4	221	41	13.43	73	57.79	9/16/1992	6:53	0.3	22.8	7.2	6254
1992	7	38	4	4	222	41	12.979	73	57.867	9/16/1992	7:24	0.3	22.2	8.2	6332
1992	7	38	4	4	223	41	12.89	73	57.806	9/16/1992	7:35	0.3	21.9	8.2	6478
1992	7	38	4	4	278	41	12.96	73	57.828	9/16/1992	7:15	0.3	22.2	8.2	6332
1992	7	38	4	4	279	41	13.36	73	57.82	9/16/1992	7:07	0.3	22.3	8	6319
1992	7	39	6	2	217	41	14.098	73	56.682	9/16/1992	12:09	0.3	24.2	10.8	7088
1992	7	40	4	2	209	41	14.97	73	58	9/16/1992	12:36	0.3	24	9.5	4881
1992	7	40	6	2	210	41	14.87	73	57.74	9/16/1992	12:26	0.3	24.3	10	5154
1992	7	41	6	2	208	41	15.72	73	50.84	9/16/1992	12:46	0.3	24.1	9.2	4871
1992	7	46	4	2	198	41	19.7	73	59	9/16/1992	13:05	0.3	23.4	9.5	2882
1992	7	49	4	2	196	41	21.16	73	57.74	9/16/1992	13:21	0.3	24	9	1932
1992	7	49	4	2	196	41	21.16	73	57.74	9/16/1992	13:35	0.3	23.6	9	1794
1992	7	52	6	2	193	41	24.12	73	57.31	9/16/1992	14:06	0.3	23	8.5	1453
1992	7	52	6	2	194	41	24.12	73	56.81	9/16/1992	13:55	0.3	23	8.5	1453
1992	7	55	6	2	189	41	25.66	73	58.14	9/16/1992	14:19	0.3	23.1	9.3	829
1992	7	56	4	2	187	41	26.83	74	0.5	9/16/1992	14:51	0.3	24.3	9.3	374
1992	7	56	4	2	188	41	26.47	73	59.66	9/16/1992	14:36	0.3	23.2	8.5	507
1992	7	57	4	2	185	41	27.68	74	0.73	9/16/1992	15:19	0.3	24.2	9.8	395
1992	7	57	4	2	186	41	27.28	74	0.8	9/16/1992	15:07	0.3	24.3	10	394
1992	7	59	6	2	180	41	29.08	73	59.37	9/16/1992	15:42	0.3	23	8.5	477
1992	7	59	6	2	181	41	29.04	73	59.33	9/16/1992	15:33	0.3	22.9	8.2	478
1992	7	62	6	2	170	41	31.8	73	58.98	9/16/1992	16:01	0.3	23.9	9.9	326
1992	7	63	4	2	166					9/16/1992	16:15	0.3	23.9	9.5	316
1992	7	73	6	4	150	41	40.28	73	56.49	9/15/1992	18:25	0.3	22	7.5	299
1992	7	74	6	4	148	41	41.15	73	56.31	9/15/1992	18:05	0.3	22	8.5	297
1992	7	76	4	4	146	41	42.94	73	56.87	9/15/1992	17:50	0.3	22	8	295
1992	7	77	6	2	140	41	44.56	73	56.17	9/15/1992	17:16	0.3	22.1	8.5	292
1992	7	77	6	2	141	41	44.46	73	56.21	9/15/1992	17:29	0.3	22.1	8.4	293
1992	7	81	4	2	135	41	47.474	73	57.457	9/15/1992	16:59	0.3	22.3	9.3	293

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1992	7	83	4	2	133	41	48.74	73	57.19	9/15/1992	16:45	0.3	21.5	9.4	291
1992	7	85	6	2	127	41	51.18	73	56.5	9/15/1992	16:31	0.3	22	8.5	291
1992	7	86	6	2	125	41	51.75	73	55.89	9/15/1992	16:22	0.3	22	9.5	296
1992	7	89	6	2	121	41	53.84	73	57.04	9/15/1992	16:07	0.3	21.7	8.8	298
1992	7	91	6	2	119	41	55.847	73	56.774	9/15/1992	15:47	0.3	22	9.5	297
1992	7	92	4	2	118	41	56.32	73	58.1	9/15/1992	15:32	0.3	22.6	8.8	313
1992	7	93	4	2	116	41	57.05	73	57.77	9/15/1992	15:22	0.3	21.6	9.3	297
1992	7	94	4	2	113	41	58.38	73	57.25	9/15/1992	15:12	0.3	22.5	10.1	292
1992	7	96	4	2	105	42	0.22	73	56.65	9/15/1992	14:48	0.3	21.8	10	293
1992	7	96	4	2	110	41	59.4	73	56.94	9/15/1992	14:59	0.3	22.1	9.8	294
1992	7	97	4	2	102	42	0.83	73	56.38	9/15/1992	14:27	0.3	22.5	10.5	296
1992	7	97	4	2	103	42	0.5	73	56.51	9/15/1992	14:39	0.3	22.2	10.4	296
1992	7	99	6	2	99	42	2.02	73	55.73	9/15/1992	14:12	0.3	21.6	10.5	298
1992	7	105	4	2	97	42	7.68	73	55.13	9/15/1992	13:16	0.3	22	10.5	286
1992	7	105	4	2	98	42	7.33	73	55.3	9/15/1992	13:28	0.3	22.5	10.5	294
1992	7	106	4	2	96	42	8.147	73	54.796	9/15/1992	13:04	0.3	21.8	11.5	318
1992	7	109	6	4	92	42	10.27	73	52.32	9/15/1992	12:43	0.3	21.6	10.5	300
1992	7	115	6	4	79	42	14.8	73	49	9/15/1992	12:16	0.3	22	10.8	288
1992	7	119	6	4	69	42	17.29	73	46.78	9/15/1992	11:45	0.3	21.2	11.9	279
1992	7	119	6	4	71	42	17.16	73	46.8	9/15/1992	11:56	0.3	21	11.2	276
1992	7	121	6	4	66	42	19.33	73	46.85	9/15/1992	11:26	0.3	21.9	10.3	287
1992	7	122	6	4	64	42	19.9	73	46.8	9/15/1992	11:18	0.3	21.1	10.5	293
1992	7	123	4	4	60	42	20.64	73	47.39	9/15/1992	11:04	0.3	21.5	9.7	300
1992	7	124	4	4	55	42	21.64	73	47.62	9/15/1992	10:25	0.3	21.5	9.5	302
1992	7	124	6	4	56	42	21.49	73	47.29	9/15/1992	10:39	0.3	20.8	10.4	299
1992	7	124	6	4	57	42	21.28	73	47.32	9/15/1992	10:50	0.3	21	10	294
1992	7	133	4	4	29	42	29.09	73	47.273	9/15/1992	9:59	0.3	20.5	8.5	339
1992	7	138	4	4	20	42	33.5	73	45.35	9/15/1992	9:33	0.3	19.9	9.9	300
1992	7	139	6	4	14	42	34.34	73	45.02	9/15/1992	9:20	0.3	20.5	9.6	296
1992	7	145	6	4	5	42	39.19	73	44.41	9/15/1992	8:50	0.3	19.4	9.6	274
1992	7	148	6	4	3	42	41.41	73	42.584	9/15/1992	8:33	0.3	19.6	9.3	279
1992	7	149	6	4	2	42	42	73	42.07	9/15/1992	8:19	0.3	19.9	8.5	271
1992	7	151	4	4	1	42	44.51	73	41.196	9/15/1992	8:00	0.3	19.5	8.3	274
1992	8	18	6	2	261	40	56.27	73	54.17	9/28/1992	12:45	0.3	19.4	11	19030
1992	8	19	6	2	259	40	57.735	73	53.561	9/28/1992	12:30	0.3	19.2	10.4	16976
1992	8	21	6	2	257	40	59.13	73	53.13	9/28/1992	11:34	0.3	19.4	11.5	14553
1992	8	23	6	2	254	41	1.086	73	52.681	9/28/1992	11:12	0.3	19.3	11	13686
1992	8	23	6	2	255	41	0.74	73	52.83	9/28/1992	11:20	0.3	19.4	11.2	13545
1992	8	24	6	2	252	41	2.057	73	52.505	9/28/1992	13:10	0.3	19.6	10.2	13822
1992	8	25	4	2	250	41	2.86	73	55.07	9/28/1992	10:48	0.3	18.6	11.9	12754
1992	8	25	4	2	270	41	2.783	73	55.05	9/28/1992	10:58	0.3	18.6	11.9	13665
1992	8	25	4	2	284	41	2.57	73	54.94	9/28/1992	11:08	0.3	18.6	11.8	13665
1992	8	25	6	2	251	41	2.46	73	52.42	9/28/1992	13:21	0.3	19.4	11	13545

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1992	8	26	4	2	246	41	3.6	73	55.2	9/28/1992	10:32	0.3	18.5	11.2	12667
1992	8	26	4	2	271	41	3.77	73	55.22	9/28/1992	10:23	0.3	18.6	10.9	12526
1992	8	26	4	2	285	41	3.607	73	55.196	9/28/1992	10:40	0.3	18.6	11.3	12640
1992	8	26	6	2	247	41	3.891	73	52.077	9/28/1992	13:52	0.3	19.4	10.8	12874
1992	8	26	6	2	248	41	3.273	73	52.221	9/28/1992	13:42	0.3	19.5	10.8	13181
1992	8	26	6	2	249	41	2.67	73	52.3	9/28/1992	13:31	0.3	19.5	10.8	12958
1992	8	27	4	2	245	41	4.19	73	55.21	9/28/1992	10:13	0.3	18.5	10	12439
1992	8	27	4	4	272	41	4.49	73	55.14	9/28/1992	10:01	0.3	19.4	10.9	11194
1992	8	28	6	2	243	41	5.683	73	52.214	9/28/1992	14:35	0.3	19.7	10.5	11234
1992	8	28	6	2	244	41	5.33	73	52.33	9/28/1992	14:16	0.3	19.4	10	11306
1992	8	29	4	2	242	41	6.1	73	54.88	9/28/1992	9:49	0.3	19.5	11.2	10500
1992	8	30	4	2	241	41	7.14	73	54.77	9/28/1992	9:32	0.3	19.6	11.4	9029
1992	8	31	4	4	283	41	8.34	73	54.4	9/28/1992	9:18	0.3	19.5	11.8	8043
1992	8	32	4	4	239	41	8.81	73	54.6	9/28/1992	8:57	0.3	19.5	12	7261
1992	8	32	4	4	240	41	8.48	73	54.42	9/28/1992	9:09	0.3	19.6	12	7914
1992	8	32	6	2	237	41	9.274	73	52.181	9/28/1992	15:08	0.3	19.9	10.4	8861
1992	8	32	6	2	238	41	8.85	73	52.123	9/28/1992	14:44	0.3	19.6	10	11035
1992	8	32	6	2	269	41	9.445	73	52.243	9/28/1992	15:18	0.3	20	10	8290
1992	8	33	6	2	236	41	9.79	73	52.202	9/28/1992	15:30	0.3	20.1	10	7169
1992	8	34	6	2	233	41	10.662	73	53.922	9/28/1992	16:03	0.3	20.2	10.9	7484
1992	8	34	6	4	234	41	10.19	73	53.93	9/28/1992	15:40	0.3	20.3	10.8	7468
1992	8	35	4	2	229	41	10.59	73	56.41	9/30/1992	9:31	0.3	18	7.9	4153
1992	8	35	4	4	230	41	10.59	73	56.39	9/30/1992	9:27	0.3	18	7.9	4153
1992	8	35	4	4	277	41	10.95	73	57.06	9/30/1992	9:51	0.3	18	7.8	3945
1992	8	35	6	4	274	41	11.17	73	53.71	9/28/1992	16:14	0.3	20.2	10.8	7374
1992	8	35	6	4	231	41	11.23	73	53.69	9/30/1992	9:30	0.3	18	7.9	3241
1992	8	35	6	4	275	41	11.31	73	53.54	9/30/1992	8:49	0.3	18	7.4	3299
1992	8	36	4	4	281	41	11.13	73	57.16	9/30/1992	10:02	0.3	18	8.2	3910
1992	8	36	6	4	228	41	12.25	73	53.5	9/30/1992	8:30	0.3	16.9	8.4	3414
1992	8	37	4	4	224					9/30/1992	10:14	0.3	18.1	8	3925
1992	8	38	4	2	221	41	13.43	73	57.79	9/30/1992	10:49	0.3	17.8	7.7	3950
1992	8	38	4	2	278	41	12.96	73	57.828	9/30/1992	10:29	0.3	18.2	8.1	3882
1992	8	38	4	2	280	41	13.4	73	57.81	9/30/1992	10:40	0.3	18	8	3899
1992	8	39	4	2	215	41	13.62	73	58.34	9/30/1992	11:14	0.3	18.8	7.1	3968
1992	8	39	4	2	216	41	13.48	73	57.84	9/30/1992	11:03	0.3	19.5	7.2	3887
1992	8	40	6	4	210	41	14.87	73	57.74	9/30/1992	7:50	0.3	19.3	8.4	2457
1992	8	40	6	4	212					9/30/1992	8:00	0.3	18.1	7.4	2670
1992	8	42	6	2	207	41	15.3	73	57.8	9/30/1992	11:36	0.3	23.8	7.8	3451
1992	8	52	6	2	193	41	24.12	73	57.31	9/30/1992	15:04	0.3	19.2	7.3	4767
1992	8	52	6	2	194	41	24.12	73	56.81	9/30/1992	15:22	0.3	18.9	7.3	4876
1992	8	53	6	2	191	41	24.882	73	57.554	9/30/1992	14:47	0.3	18.4	7.8	376
1992	8	54	6	2	190	41	24.961	73	57.702	9/30/1992	14:32	0.3	18.4	7.4	366
1992	8	55	6	2	189	41	25.66	73	58.14	9/30/1992	14:16	0.3	18.4	7	297

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1992	8	57	4	2	185	41	27.68	74	0.73	9/30/1992	13:41	0.3	18.3	7.8	240
1992	8	57	4	2	186	41	27.28	74	0.8	9/30/1992	13:52	0.3	18.4	7.4	252
1992	8	59	6	2	179	41	29.24	73	59.34	9/30/1992	12:52	0.3	17.3	7.7	225
1992	8	59	6	2	181	41	29.04	73	59.33	9/30/1992	13:19	0.3	17.7	7.6	231
1992	8	60	6	2	177	41	29.52	73	59.24	9/30/1992	12:29	0.3	17.3	7.6	223
1992	8	61	4	2	174	41	31.15	74	0.37	9/29/1992	18:05	0.3	19	8.9	339
1992	8	62	4	2	171	41	32.19	73	59.91	9/29/1992	17:54	0.3	18.5	9.9	342
1992	8	69	4	2	155	41	37.44	73	57.43	9/29/1992	17:11	0.3	18.8	10	306
1992	8	69	6	2	156	41	37.03	73	56.88	9/29/1992	17:28	0.3	18.5	10	320
1992	8	69	6	2	157	41	36.97	73	56.85	9/29/1992	17:35	0.3	18.5	10.1	320
1992	8	76	4	2	144					9/29/1992	16:52	0.3	18.9	10.2	328
1992	8	80	6	2	137	41	46.14	73	56.82	9/29/1992	16:35	0.3	19.2	10.1	304
1992	8	81	4	2	135	41	47.474	73	57.457	9/29/1992	16:18	0.3	18	9.8	310
1992	8	82	4	2	134	41	48.51	73	57.22	9/29/1992	16:07	0.3	18	9.9	310
1992	8	84	4	2	129	41	50.61	73	57.28	9/29/1992	15:50	0.3	18.5	10	308
1992	8	85	4	2	128					9/29/1992	15:39	0.3	18.9	9.8	317
1992	8	86	6	2	125	41	51.75	73	55.89	9/29/1992	15:20	0.3	18	7.8	323
1992	8	89	6	2	121	41	53.84	73	57.04	9/29/1992	15:00	0.3	18	7.4	309
1992	8	90	6	2	120	41	54.02	73	57.2	9/29/1992	14:42	0.3	18.8	8	306
1992	8	91	6	2	119	41	55.847	73	56.774	9/29/1992	14:24	0.3	18.7	10.2	307
1992	8	92	4	2	118	41	56.32	73	58.1	9/29/1992	14:08	0.3	18.8	7.9	304
1992	8	96	4	4	105	42	0.22	73	56.65	9/29/1992	13:39	0.3	18.4	7.9	302
1992	8	96	4	4	108	41	59.76	73	56.81	9/29/1992	13:49	0.3	18.4	7.8	308
1992	8	97	4	4	103	42	0.5	73	56.51	9/29/1992	13:23	0.3	18.8	7.9	306
1992	8	98	4	4	100	42	1.67	73	56.54	9/29/1992	12:56	0.3	18.2	7.8	308
1992	8	98	4	4	101	42	1.426	73	56.456	9/29/1992	13:09	0.3	18.1	7.8	306
1992	8	99	6	4	99	42	2.02	73	55.73	9/29/1992	12:38	0.3	18.1	7.8	312
1992	8	105	4	4	97	42	7.68	73	55.13	9/29/1992	11:56	0.3	19.2	7.8	317
1992	8	105	4	4	98	42	7.33	73	55.3	9/29/1992	12:10	0.3	18.8	7.8	308
1992	8	106	4	4	96	42	8.147	73	54.796	9/29/1992	11:39	0.3	19.1	8.1	324
1992	8	114	4	4	83	42	14.26	73	50.71	9/29/1992	11:18	0.3	17	7.6	316
1992	8	117	4	4	76	42	15.84	73	47.69	9/29/1992	10:52	0.3	17	7.8	311
1992	8	118	4	4	74	42	16.42	73	47.92	9/29/1992	10:15	0.3	16.8	8.3	310
1992	8	118	4	4	75	42	16.12	73	47.49	9/29/1992	10:28	0.3	17.4	7.4	309
1992	8	119	6	4	69	42	17.29	73	46.78	9/29/1992	9:53	0.3	17.1	7.4	307
1992	8	119	6	4	71	42	17.16	73	46.8	9/29/1992	10:03	0.3	16.9	8.2	311
1992	8	122	4	4	61	42	20.29	73	47.24	9/29/1992	9:33	0.3	17.1	7.6	306
1992	8	122	6	4	62	42	20.105	73	46.848	9/29/1992	9:43	0.3	17.1	7.2	309
1992	8	123	4	4	59					9/29/1992	9:23	0.3	17.2	7.4	295
1992	8	124	4	4	55	42	21.64	73	47.62	9/29/1992	9:12	0.3	17.1	7.3	298
1992	8	126	4	4	49	42	23.4	73	47.52	9/29/1992	8:55	0.3	17.1	7.3	298
1992	8	128	6	4	45					9/29/1992	8:43	0.3	17.1	7.5	292
1992	8	129	6	4	40	42	25.67	73	46.67	9/29/1992	8:31	0.3	17.1	7.9	294

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1992	8	130	4	2	37	42	26.76	73	47.22	9/29/1992	8:20	0.3	17.2	7.9	292
1992	8	130	6	2	36					9/29/1992	8:09	0.3	17.1	8	294
1992	8	131	4	2	33	42	28.06	73	47.13	9/29/1992	7:40	0.3	17.2	7.8	292
1992	8	131	6	2	34					9/29/1992	7:53	0.3	17.1	8	294
1992	9	18	4	2	260	40	56.889	73	55.1	10/12/1992	11:11	0.3	16.6	8	16886
1992	9	19	6	2	259	40	57.735	73	53.561	10/12/1992	10:55	0.3	16.3	8.1	16040
1992	9	20	6	2	258	40	57.73	73	53.661	10/12/1992	10:36	0.3	16.7	8.1	14476
1992	9	23	6	2	254	41	1.086	73	52.681	10/12/1992	10:06	0.3	16	8.5	14218
1992	9	23	6	2	255	41	0.74	73	52.83	10/12/1992	10:20	0.3	16	8.1	13736
1992	9	25	4	4	250	41	2.86	73	55.07	10/15/1992	9:46	0.3	14.9	7.7	11607
1992	9	26	4	2	246	41	3.6	73	55.2	10/12/1992	9:45	0.3	16.1	8.1	12384
1992	9	26	4	4	271	41	3.77	73	55.22	10/12/1992	9:37	0.3	16.3	8.8	12209
1992	9	26	4	4	285	41	3.607	73	55.196	10/12/1992	9:55	0.3	16.1	8	12504
1992	9	26	4	4	246	41	3.6	73	55.2	10/15/1992	9:32	0.3	14.9	7.4	11730
1992	9	26	4	4	271	41	3.77	73	55.22	10/15/1992	9:22	0.3	14.9	7.5	11360
1992	9	26	6	2	247	41	3.891	73	52.077	10/12/1992	11:42	0.3	16.4	8.1	12183
1992	9	27	4	4	245	41	4.19	73	55.21	10/12/1992	9:26	0.3	16.8	8.9	11840
1992	9	27	4	4	245	41	4.19	73	55.21	10/15/1992	9:09	0.3	14.9	7.4	11360
1992	9	28	6	2	243	41	5.683	73	52.214	10/12/1992	12:09	0.3	16.4	8.1	11824
1992	9	28	6	2	244	41	5.33	73	52.33	10/12/1992	11:58	0.3	16.3	8	11731
1992	9	28	6	2	243	41	5.683	73	52.214	10/15/1992	10:19	0.3	15.5	8.2	10234
1992	9	28	6	2	244	41	5.33	73	52.33	10/15/1992	10:07	0.3	15.5	8.3	10112
1992	9	29	4	4	242	41	6.1	73	54.88	10/12/1992	9:08	0.3	17	9.1	11081
1992	9	29	4	4	242	41	6.1	73	54.88	10/15/1992	8:49	0.3	15.9	8	10748
1992	9	30	4	4	241	41	7.14	73	54.77	10/12/1992	8:57	0.3	17.2	9.2	11150
1992	9	30	4	4	241	41	7.14	73	54.77	10/15/1992	8:32	0.3	15.7	8.2	10310
1992	9	31	4	4	283	41	8.34	73	54.4	10/12/1992	8:43	0.3	17	9.2	10963
1992	9	31	4	4	283	41	8.34	73	54.4	10/15/1992	8:17	0.3	16.1	8	9378
1992	9	32	4	4	239	41	8.81	73	54.6	10/12/1992	8:24	0.3	16.9	9.4	10869
1992	9	32	4	4	240	41	8.48	73	54.42	10/12/1992	8:35	0.3	17	9.2	10963
1992	9	32	4	4	239	41	8.81	73	54.6	10/15/1992	8:02	0.3	16.2	10.3	9357
1992	9	32	6	2	269	41	9.445	73	52.243	10/15/1992	10:42	0.3	16	8.2	8676
1992	9	33	6	2	236	41	9.79	73	52.202	10/15/1992	10:58	0.3	16	8.1	8676
1992	9	34	6	2	235	41	10.632	73	52.59	10/12/1992	12:38	0.3	16.9	8.1	8506
1992	9	35	4	2	229	41	10.59	73	56.41	10/12/1992	13:45	0.3	17	8.9	9784
1992	9	35	4	2	230	41	10.59	73	56.39	10/12/1992	13:35	0.3	16.7	8.3	9492
1992	9	35	4	2	277	41	10.95	73	57.06	10/12/1992	13:57	0.3	17	9.5	9430
1992	9	35	6	2	231	41	11.23	73	53.69	10/12/1992	13:07	0.3	16.6	8	9513
1992	9	35	6	2	232	41	11.172	73	53.996	10/12/1992	13:00	0.3	16.5	8.2	9534
1992	9	35	6	2	275	41	11.31	73	53.54	10/12/1992	13:18	0.3	16.2	8.7	9597
1992	9	36	4	2	227	41	11.02	73	57.41	10/12/1992	14:08	0.3	17.1	9.6	9410
1992	9	36	4	2	281	41	11.13	73	57.16	10/12/1992	14:14	0.3	17.2	10	9389
1992	9	36	4	2	282	41	11.2	73	57.17	10/12/1992	14:19	0.3	17.4	10.1	9349

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1992	9	37	4	2	225	41	12.096	73	57.458	10/12/1992	14:31	0.3	17.2	10.2	9389
1992	9	38	4	2	221	41	13.43	73	57.79	10/12/1992	14:59	0.3	17.4	10.3	9232
1992	9	38	4	2	278	41	12.96	73	57.828	10/12/1992	14:43	0.3	17.3	10.3	9252
1992	9	38	4	2	279	41	13.36	73	57.82	10/12/1992	14:50	0.3	17.3	10.4	9252
1992	9	39	4	2	215	41	13.62	73	58.34	10/12/1992	15:13	0.3	17.3	10.2	7378
1992	9	40	4	2	209	41	14.97	73	58	10/12/1992	15:45	0.3	18	10.2	8421
1992	9	40	6	2	213	41	14.64	73	57.15	10/12/1992	15:30	0.3	18	10.4	8305
1992	9	43	6	2	203	41	16.91	73	56.26	10/12/1992	15:59	0.3	18.1	10.3	8287
1992	9	44	6	2	201	41	17.74	73	56.87	10/12/1992	16:17	0.3	18	10.4	8075
1992	9	49	4	2	196	41	21.16	73	57.74	10/15/1992	15:17	0.3	17.7	8	2554
1992	9	52	6	2	194	41	24.12	73	56.81	10/15/1992	15:00	0.3	17.8	8	2549
1992	9	53	4	2	192	41	24.19	73	57.95	10/15/1992	14:44	0.3	17.3	8	1405
1992	9	53	6	2	191	41	24.882	73	57.554	10/15/1992	14:24	0.3	18	8	1234
1992	9	55	6	2	189	41	25.66	73	58.14	10/15/1992	14:11	0.3	17.8	8	1054
1992	9	56	4	2	187	41	26.83	74	0.5	10/15/1992	13:55	0.3	17.2	8.4	458
1992	9	57	4	2	185	41	27.68	74	0.73	10/15/1992	13:34	0.3	17.5	8.3	535
1992	9	57	4	2	186	41	27.28	74	0.8	10/15/1992	13:41	0.3	17.4	8.5	561
1992	9	59	6	4	180	41	29.08	73	59.37	10/13/1992	17:43	0.3	16.8	10	663
1992	9	59	6	4	181	41	29.04	73	59.33	10/13/1992	17:51	0.3	16.8	9.8	675
1992	9	61	4	4	174	41	31.15	74	0.37	10/13/1992	17:25	0.3	17.1	8.1	376
1992	9	69	6	2	157	41	36.97	73	56.85	10/13/1992	16:52	0.3	16	9	314
1992	9	69	6	2	158	41	36.94	73	56.81	10/13/1992	16:58	0.3	16	9.1	317
1992	9	73	6	2	150	41	40.28	73	56.49	10/13/1992	16:30	0.3	16.1	9.1	313
1992	9	74	6	2	148	41	41.15	73	56.31	10/13/1992	16:17	0.3	16	9.1	313
1992	9	76	4	2	144					10/13/1992	16:01	0.3	16	8.9	313
1992	9	82	4	2	134	41	48.51	73	57.22	10/13/1992	15:46	0.3	15.4	10.3	317
1992	9	83	4	2	133	41	48.74	73	57.19	10/13/1992	15:36	0.3	15	9.9	314
1992	9	84	4	2	129	41	50.61	73	57.28	10/13/1992	15:24	0.3	15.1	9.9	305
1992	9	85	4	2	128					10/13/1992	15:06	0.3	15.5	10.2	323
1992	9	85	6	2	127	41	51.18	73	56.5	10/13/1992	14:56	0.3	15.1	10.3	320
1992	9	86	4	2	124	41	51.95	73	56.84	10/13/1992	14:21	0.3	15.1	10.3	307
1992	9	86	4	2	126	41	51.44	73	56.97	10/13/1992	14:36	0.3	15.1	10.2	317
1992	9	88	6	2	122	41	53.023	73	56.214	10/13/1992	14:10	0.3	15.2	10.3	314
1992	9	89	6	2	121	41	53.84	73	57.04	10/13/1992	13:51	0.3	15.1	10.3	316
1992	9	92	4	2	118	41	56.32	73	58.1	10/13/1992	13:35	0.3	15	10.2	314
1992	9	94	4	4	115	41	57.78	73	57.47	10/13/1992	13:19	0.3	15.2	10.3	304
1992	9	95	4	2	111	41	59.083	73	57.079	10/13/1992	13:10	0.3	15	10.3	301
1992	9	96	4	2	105	42	0.22	73	56.65	10/13/1992	12:54	0.3	14.2	10.3	326
1992	9	98	4	4	100	42	1.67	73	56.54	10/13/1992	12:28	0.3	14.3	10.3	324
1992	9	98	4	2	101	42	1.426	73	56.456	10/13/1992	12:38	0.3	14.3	10.3	324
1992	9	99	6	4	99	42	2.02	73	55.73	10/13/1992	12:13	0.3	14.3	10.3	315
1992	9	105	4	4	97	42	7.68	73	55.13	10/13/1992	11:39	0.3	14.2	10.3	325
1992	9	105	4	4	98	42	7.33	73	55.3	10/13/1992	11:49	0.3	14.2	10.3	330

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1992	9	106	4	4	96	42	8.147	73	54.796	10/13/1992	11:27	0.3	14.1	10.2	327
1992	9	114	4	4	82	42	14.31	73	50.58	10/13/1992	10:59	0.3	13.8	9.8	281
1992	9	115	6	4	80	42	14.8	73	49.1	10/13/1992	10:41	0.3	13.3	9.8	274
1992	9	117	4	4	76	42	15.84	73	47.69	10/13/1992	10:26	0.3	13.1	9.8	277
1992	9	118	4	4	75	42	16.12	73	47.49	10/13/1992	10:13	0.3	13	10	275
1992	9	119	6	4	71	42	17.16	73	46.8	10/13/1992	10:00	0.3	13.1	9.8	277
1992	9	121	4	4	68	42	18.53	73	47.1	10/13/1992	9:44	0.3	13	9.8	273
1992	9	121	6	4	66	42	19.33	73	46.85	10/13/1992	9:29	0.3	13	9.8	273
1992	9	121	6	4	67	42	18.82	73	46.89	10/13/1992	9:38	0.3	13	10.1	277
1992	9	122	6	4	62	42	20.105	73	46.848	10/13/1992	9:15	0.3	13.6	10	280
1992	9	123	4	4	59					10/13/1992	9:04	0.3	13.3	10.4	282
1992	9	125	6	4	54	42	22.034	73	47.302	10/13/1992	8:57	0.3	13.3	10.2	282
1992	9	126	4	2	49	42	23.4	73	47.52	10/13/1992	8:35	0.3	13.1	10.5	297
1992	9	126	4	2	50	42	23.21	73	47.62	10/13/1992	8:45	0.3	13.4	10.1	282
1992	9	128	4	2	44	42	25	73	46.99	10/13/1992	8:23	0.3	13.2	10.1	298
1992	9	129	6	2	40	42	25.67	73	46.67	10/13/1992	8:14	0.3	13.1	10.2	296
1992	9	130	4	2	37	42	26.76	73	47.22	10/12/1992	7:56	0.3	13.3	10.2	294
1992	9	131	4	2	33	42	28.06	73	47.13	10/13/1992	7:43	0.3	13.2	10.1	295
1992	10	19	6	4	259	40	57.735	73	53.561	10/27/1992	11:57	0.3	11.9	9	16930
1992	10	20	6	4	258	40	57.73	73	53.661	10/27/1992	12:27	0.3	12.5	9.4	15651
1992	10	21	6	4	257	40	59.13	73	53.13	10/27/1992	12:41	0.3	11.2	9.4	14927
1992	10	22	6	4	256	40	59.97	73	53.05	10/27/1992	12:55	0.3	12.4	10.1	12419
1992	10	23	6	4	254	41	1.086	73	52.681	10/27/1992	13:09	0.3	12.5	9.7	12390
1992	10	24	6	4	252	41	2.057	73	52.505	10/27/1992	13:27	0.3	12.3	10.1	12055
1992	10	24	6	4	253	41	1.169	73	52.711	10/27/1992	13:19	0.3	12.8	10.4	11139
1992	10	25	4	2	250	41	2.86	73	55.07	10/27/1992	11:04	0.3	10.8	10.1	9504
1992	10	25	4	2	270	41	2.783	73	55.05	10/27/1992	11:15	0.3	10.9	10.6	9617
1992	10	25	4	2	284	41	2.57	73	54.94	10/27/1992	11:32	0.3	11	10.4	9594
1992	10	25	6	4	251	41	2.46	73	52.42	10/27/1992	13:38	0.3	12.6	10	11841
1992	10	26	4	2	246	41	3.6	73	55.2	10/27/1992	10:48	0.3	10.5	10.4	9710
1992	10	26	4	2	271	41	3.77	73	55.22	10/27/1992	10:37	0.3	10.5	10.2	9573
1992	10	26	4	2	285	41	3.607	73	55.196	10/27/1992	10:55	0.3	10.6	10.3	9686
1992	10	26	6	4	247	41	3.891	73	52.077	10/27/1992	14:10	0.3	12	10.4	8313
1992	10	26	6	4	248	41	3.273	73	52.221	10/27/1992	13:59	0.3	12.3	10	10483
1992	10	26	6	4	249	41	2.67	73	52.3	10/27/1992	13:50	0.3	12.8	10.2	10232
1992	10	27	4	2	245	41	4.19	73	55.21	10/27/1992	10:29	0.3	10.8	10.2	9504
1992	10	27	4	2	272	41	4.49	73	55.14	10/27/1992	10:09	0.3	11	10.4	9188
1992	10	28	6	4	243	41	5.683	73	52.214	10/27/1992	14:22	0.3	11.6	10.4	6794
1992	10	29	4	2	242	41	6.1	73	54.88	10/27/1992	9:51	0.3	12	10	8049
1992	10	30	4	2	241	41	7.14	73	54.77	10/27/1992	9:36	0.3	12	10	6334
1992	10	31	4	2	283	41	8.34	73	54.4	10/27/1992	9:17	0.3	12.7	10	5582
1992	10	32	4	2	239	41	8.81	73	54.6	10/27/1992	8:46	0.3	12.3	10.2	5084
1992	10	32	4	2	240	41	8.48	73	54.42	10/27/1992	9:03	0.3	12.6	10	5530

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1992	10	32	6	4	237	41	9.274	73	52.181	10/27/1992	14:52	0.3	11.7	10.5	5183
1992	10	32	6	4	238	41	8.85	73	52.123	10/27/1992	14:43	0.3	11.8	10.8	5436
1992	10	32	6	4	269	41	9.445	73	52.243	10/27/1992	15:01	0.3	11.9	10.5	5423
1992	10	33	6	4	236	41	9.79	73	52.202	10/27/1992	15:11	0.3	10.8	10.8	3666
1992	10	35	4	2	229	41	10.59	73	56.41	10/27/1992	8:20	0.3	13.9	9.4	3789
1992	10	35	4	2	230	41	10.59	73	56.39	10/27/1992	8:28	0.3	13.4	9.8	3832
1992	10	35	4	2	277	41	10.95	73	57.06	10/27/1992	8:12	0.3	12.6	9.8	4294
1992	10	35	6	4	231	41	11.23	73	53.69	10/27/1992	15:47	0.3	12	10.2	4750
1992	10	35	6	4	274	41	11.17	73	53.71	10/27/1992	15:34	0.3	12	10	4750
1992	10	36	4	2	227	41	11.02	73	57.41	10/27/1992	8:06	0.3	12.5	9.8	4187
1992	10	36	4	2	281	41	11.13	73	57.16	10/27/1992	7:56	0.3	12.9	9.7	4419
1992	10	36	4	2	282	41	11.2	73	57.17	10/27/1992	7:47	0.3	12.9	9.8	4406
1992	10	37	4	4	225	41	12.096	73	57.458	10/27/1992	7:37	0.3	13.2	9.6	3914
1992	10	38	4	4	221	41	13.43	73	57.79	10/27/1992	7:00	0.3	14	9.4	2646
1992	10	38	4	4	222	41	12.979	73	57.867	10/27/1992	7:25	0.3	13.7	9.4	3210
1992	10	38	4	4	278	41	12.96	73	57.828	10/27/1992	7:16	0.3	13.2	9.4	3221
1992	10	38	4	4	279	41	13.36	73	57.82	10/27/1992	7:09	0.3	13.2	9.4	3208
1992	10	38	4	4	280	41	13.4	73	57.81	10/27/1992	6:51	0.3	14	9.5	2646
1992	10	39	4	4	215	41	13.62	73	58.34	10/27/1992	16:28	0.3	14	8.9	2193
1992	10	40	6	4	211	41	14.88	73	57.6	10/27/1992	16:11	0.3	14	9.5	3818
1992	10	42	6	4	207	41	15.3	73	57.8	10/28/1992	7:24	0.3	19.1	9	1251
1992	10	43	6	4	205	41	16.413	73	56.551	10/28/1992	6:54	0.3	9.7	8.5	1534
1992	10	46	6	4	199	41	19.42	73	58.77	10/28/1992	7:46	0.3	13.5	9.3	777
1992	10	49	4	4	196	41	21.16	73	57.74	10/28/1992	8:05	0.3	13.1	9.5	437
1992	10	52	6	4	193	41	24.12	73	57.31	10/28/1992	8:36	0.3	13	9.5	393
1992	10	52	6	4	194	41	24.12	73	56.81	10/28/1992	8:27	0.3	13	9.5	393
1992	10	53	4	4	192	41	24.19	73	57.95	10/28/1992	8:50	0.3	12.5	9.7	404
1992	10	55	6	4	189	41	25.66	73	58.14	10/28/1992	9:03	0.3	12.9	9.5	348
1992	10	56	4	2	187	41	26.83	74	0.5	10/28/1992	9:22	0.3	12.5	9.5	339
1992	10	57	4	2	185	41	27.68	74	0.73	10/28/1992	9:43	0.3	12.3	9.6	341
1992	10	57	4	2	186	41	27.28	74	0.8	10/28/1992	9:37	0.3	12.2	9.7	340
1992	10	58	4	2	184	41	27.78	74	0.7	10/28/1992	9:51	0.3	11.6	10.3	345
1992	10	59	6	2	180	41	29.08	73	59.37	10/28/1992	10:13	0.3	11.7	10	347
1992	10	59	6	2	181	41	29.04	73	59.33	10/28/1992	10:05	0.3	11.7	10	352
1992	10	63	6	2	167	41	32.41	73	58.61	10/28/1992	10:45	0.3	11.6	9.9	333
1992	10	63	6	2	169	41	32.07	73	58.83	10/28/1992	10:33	0.3	12	10	330
1992	10	64	4	2	163	41	33.48	73	59.05	10/28/1992	11:02	0.3	13.7	9.8	313
1992	10	69	4	2	155	41	37.44	73	57.43	10/28/1992	11:31	0.3	12.3	10	317
1992	10	69	6	2	156	41	37.03	73	56.88	10/28/1992	11:18	0.3	13	9.9	339
1992	10	77	6	4	140	41	44.56	73	56.17	10/26/1992	15:46	0.3	11.4	7.5	319
1992	10	77	6	4	142	41	43.92	73	56.14	10/26/1992	15:55	0.3	11.3	7.5	317
1992	10	77	6	4	143	41	43.83	73	56.16	10/26/1992	16:04	0.3	12	8	314
1992	10	80	6	4	137	41	46.14	73	56.82	10/26/1992	15:34	0.3	11.5	8.2	310

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YEAR	RIV_RUN	RIV_MILE	SITE	TIDE_STG	BEACH	LAT_DG	LAT_MN	LON_DG	LON_MN	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND
1992	10	84	4	4	129	41	50.61	73	57.28	10/26/1992	15:17	0.3	10.5	8	298
1992	10	86	6	4	125	41	51.75	73	55.89	10/26/1992	15:09	0.3	10.6	8.3	296
1992	10	90	6	2	120	41	54.02	73	57.2	10/26/1992	14:57	0.3	10.2	8.7	296
1992	10	91	6	2	119	41	55.847	73	56.774	10/26/1992	14:47	0.3	10.2	8.4	287
1992	10	92	4	2	118	41	56.32	73	58.1	10/26/1992	14:38	0.3	10.2	8.4	287
1992	10	93	4	2	116	41	57.05	73	57.77	10/26/1992	14:30	0.3	10.3	8.3	293
1992	10	96	4	2	105	42	0.22	73	56.65	10/26/1992	14:03	0.3	9.8	8.2	289
1992	10	96	4	2	108	41	59.76	73	56.81	10/26/1992	14:12	0.3	9.8	8.5	289
1992	10	97	4	2	102	42	0.83	73	56.38	10/26/1992	13:47	0.3	10.1	8.5	287
1992	10	97	4	2	103	42	0.5	73	56.51	10/26/1992	13:56	0.3	10.5	8.8	287
1992	10	98	4	2	100	42	1.67	73	56.54	10/26/1992	13:36	0.3	9.4	8.5	282
1992	10	99	6	2	99	42	2.02	73	55.73	10/26/1992	13:21	0.3	9.5	8.5	282
1992	10	105	4	2	97	42	7.68	73	55.13	10/26/1992	12:50	0.3	9.4	8.8	281
1992	10	105	4	2	98	42	7.33	73	55.3	10/26/1992	13:01	0.3	9.9	8.5	278
1992	10	106	4	2	96	42	8.147	73	54.796	10/26/1992	12:43	0.3	9.3	8.8	282
1992	10	114	4	2	82	42	14.31	73	50.58	10/26/1992	12:11	0.3	9.1	9.1	283
1992	10	114	4	2	83	42	14.26	73	50.71	10/26/1992	12:19	0.3	9.1	9.2	285
1992	10	116	6	2	77	42	15.02	73	48.31	10/26/1992	10:33	0.3	8	9.4	293
1992	10	117	4	4	76	42	15.84	73	47.69	10/26/1992	10:20	0.3	8.1	9.5	292
1992	10	119	4	4	72	42	16.82	73	47.28	10/26/1992	10:06	0.3	8.1	9.5	292
1992	10	121	6	4	66	42	19.33	73	46.85	10/26/1992	9:58	0.3	8.1	9.1	292
1992	10	123	4	4	60	42	20.64	73	47.39	10/26/1992	9:44	0.3	8.4	9.5	291
1992	10	124	4	4	55	42	21.64	73	47.62	10/26/1992	9:09	0.3	8.5	9.4	303
1992	10	124	6	4	56	42	21.49	73	47.29	10/26/1992	9:19	0.3	7	9.5	296
1992	10	124	6	4	57	42	21.28	73	47.32	10/26/1992	9:33	0.3	7.9	8.5	293
1992	10	126	4	4	49	42	23.4	73	47.52	10/26/1992	8:56	0.3	8.1	9.2	306
1992	10	129	6	4	40	42	25.67	73	46.67	10/26/1992	8:42	0.3	8.1	9	305
1992	10	130	4	4	37	42	26.76	73	47.22	10/26/1992	8:01	0.3	8	9.5	313
1992	10	130	6	4	36					10/26/1992	8:25	0.3	8	9	298
1992	10	131	4	4	33	42	28.06	73	47.13	10/26/1992	7:49	0.3	8.2	10.2	316
1992	10	132	4	4	32	42	28.13	73	47.21	10/26/1992	7:40	0.3	7.8	9.5	319
1992	10	134	4	4	28	42	30.027	73	46.913	10/26/1992	7:19	0.3	8	10.6	309