

City of Santa Rosa  
Subregional Water Treatment Facility  
4300 Llano Road  
Santa Rosa, CA 95401

Sonde Files

Station #520  
Santa Rosa Creek upstream of confluence of  
Laguna de Santa Rosa

R W Q C B  
REGION 1

MAY 14 2001

<input type="checkbox"/> LAM	_____	<input type="checkbox"/> CRJ	_____	<input type="checkbox"/>	_____
<input type="checkbox"/> RLT	_____	<input type="checkbox"/> SAW	_____	<input type="checkbox"/> KAD	_____
<input type="checkbox"/> FCR	_____	<input type="checkbox"/> RSG	_____	<input type="checkbox"/>	_____

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
MM/DD/YY	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
10/26/98	14:30:00	61.52	381	9.42	7.99	1.55	5
10/26/98	14:45:00	61.75	379	8.9	7.99	1.55	3.8
10/26/98	15:00:00	66.42	481	8.32	7.71	1.64	47.2
10/26/98	15:15:00	66.06	466	8.51	7.84	1.6	11.3
10/26/98	15:30:00	66	463	8.39	7.79	1.6	6.1
10/26/98	15:45:00	66.09	463	8.15	7.75	1.61	4.3
10/26/98	16:00:00	66.02	461	7.99	7.76	1.61	3.5
10/26/98	16:15:00	65.91	458	7.88	7.76	1.62	3.6
10/26/98	16:30:00	65.93	459	7.77	7.76	1.62	3.2
10/26/98	16:45:00	65.95	460	7.68	7.75	1.62	3.6
10/26/98	17:00:00	65.93	460	7.62	7.75	1.62	3.5
10/26/98	17:15:00	65.88	460	7.56	7.75	1.62	4
10/26/98	17:30:00	65.82	461	7.52	7.76	1.63	3
10/26/98	17:45:00	65.73	462	7.46	7.76	1.63	3.4
10/26/98	18:00:00	65.64	463	7.41	7.77	1.64	3.7
10/26/98	18:15:00	65.52	462	7.39	7.77	1.64	4
10/26/98	18:30:00	65.41	463	7.35	7.77	1.64	4.1
10/26/98	18:45:00	65.32	463	7.31	7.77	1.65	4.3
10/26/98	19:00:00	65.23	464	7.27	7.77	1.65	4.3
10/26/98	19:15:00	65.12	463	7.23	7.77	1.64	3.7
10/26/98	19:30:00	65.01	464	7.19	7.77	1.65	4.3
10/26/98	19:45:00	64.94	464	7.14	7.76	1.64	4.2
10/26/98	20:00:00	64.83	465	7.11	7.76	1.65	4.4
10/26/98	20:15:00	64.74	466	7.07	7.76	1.65	4.6
10/26/98	20:30:00	64.62	465	7.04	7.76	1.65	4.1
10/26/98	20:45:00	64.49	466	7	7.76	1.65	4.6
10/26/98	21:00:00	64.4	466	6.96	7.76	1.66	5.1
10/26/98	21:15:00	64.31	467	6.92	7.76	1.66	5
10/26/98	21:30:00	64.2	467	6.88	7.75	1.66	4.7
10/26/98	21:45:00	64.08	467	6.84	7.75	1.67	5.1
10/26/98	22:00:00	63.99	468	6.81	7.75	1.67	5
10/26/98	22:15:00	63.9	468	6.79	7.75	1.67	4.5
10/26/98	22:30:00	63.77	470	6.76	7.75	1.67	5.2
10/26/98	22:45:00	63.64	471	6.74	7.75	1.67	4.7
10/26/98	23:00:00	63.54	471	6.72	7.75	1.68	6
10/26/98	23:15:00	63.43	472	6.71	7.75	1.68	5.5
10/26/98	23:30:00	63.32	470	6.7	7.74	1.68	5.1
10/26/98	23:45:00	63.3	469	6.67	7.73	1.68	5.3
10/27/98	0:00:00	63.25	471	6.67	7.73	1.68	5.1
10/27/98	0:15:00	63.21	471	6.65	7.72	1.68	6.2
10/27/98	0:30:00	63.12	471	6.63	7.72	1.68	5.5
10/27/98	0:45:00	63.1	470	6.61	7.7	1.68	5.1
10/27/98	1:00:00	63.14	471	6.61	7.69	1.67	4.9
10/27/98	1:15:00	63.09	475	6.59	7.69	1.68	5.8
10/27/98	1:30:00	62.94	476	6.57	7.69	1.68	5.5
10/27/98	1:45:00	62.85	477	6.53	7.67	1.68	5.6
10/27/98	2:00:00	62.8	478	6.49	7.65	1.68	5.2

10/27/98	2:15:00	62.71	480	6.43	7.64	1.69	4.7
10/27/98	2:30:00	62.65	480	6.37	7.62	1.69	4.7
10/27/98	2:45:00	62.56	481	6.31	7.62	1.69	4.9
10/27/98	3:00:00	62.42	481	6.25	7.63	1.69	5.3
10/27/98	3:15:00	62.29	482	6.2	7.62	1.7	5.6
10/27/98	3:30:00	62.2	484	6.11	7.58	1.7	5.3
10/27/98	3:45:00	62.24	486	6.01	7.56	1.71	5
10/27/98	4:00:00	62.26	486	5.94	7.56	1.71	5.1
10/27/98	4:15:00	62.22	486	5.91	7.56	1.72	5.5
10/27/98	4:30:00	62.24	489	5.87	7.55	1.72	5.4
10/27/98	4:45:00	62.2	490	5.84	7.54	1.72	5.7
10/27/98	5:00:00	62.19	491	5.8	7.52	1.73	4.7
10/27/98	5:15:00	62.22	493	5.76	7.52	1.73	4.7
10/27/98	5:30:00	62.17	493	5.77	7.53	1.72	5.3
10/27/98	5:45:00	62.11	492	5.8	7.54	1.73	5
10/27/98	6:00:00	62.11	494	5.81	7.54	1.74	5.3
10/27/98	6:15:00	62.11	495	5.82	7.53	1.74	4.7
10/27/98	6:30:00	62.13	496	5.83	7.52	1.75	4.7
10/27/98	6:45:00	62.15	497	5.87	7.53	1.76	4.6
10/27/98	7:00:00	62.2	498	5.91	7.54	1.76	4.7
10/27/98	7:15:00	62.19	496	5.99	7.56	1.77	4.9
10/27/98	7:30:00	62.2	495	6.07	7.57	1.76	4.7
10/27/98	7:45:00	62.2	496	6.16	7.58	1.77	4.7
10/27/98	8:00:00	62.26	498	6.22	7.58	1.79	4.5
10/27/98	8:15:00	62.35	499	6.27	7.58	1.79	4.9
10/27/98	8:30:00	62.47	499	6.37	7.58	1.79	4.8
10/27/98	8:45:00	62.58	498	6.47	7.59	1.8	4
10/27/98	9:00:00	62.64	498	6.55	7.61	1.8	4.3
10/27/98	9:15:00	62.73	497	6.6	7.61	1.81	4.4
10/27/98	9:30:00	62.78	497	6.66	7.62	1.81	4.9
10/27/98	9:45:00	62.87	499	6.74	7.62	1.81	4.5
10/27/98	10:00:00	63.07	501	6.83	7.63	1.82	4.6
10/27/98	10:15:00	63.19	503	6.91	7.63	1.82	4
10/27/98	10:30:00	63.3	501	6.94	7.64	1.81	4.7
10/27/98	10:45:00	63.36	502	6.98	7.65	1.81	4.1
10/27/98	11:00:00	63.46	503	7.03	7.65	1.81	4.1
10/27/98	11:15:00	63.64	506	7.11	7.66	1.81	4.2
10/27/98	11:30:00	63.72	508	7.18	7.66	1.82	4
10/27/98	11:45:00	63.75	506	7.19	7.66	1.82	4.2
10/27/98	12:00:00	63.77	505	7.18	7.66	1.82	3.9
10/27/98	12:15:00	63.81	507	7.25	7.67	1.82	4.1
10/27/98	12:30:00	63.93	509	7.32	7.68	1.81	4.6
10/27/98	12:45:00	63.99	507	7.34	7.68	1.8	3.9
10/27/98	13:00:00	64.04	506	7.38	7.68	1.8	4.1
10/27/98	13:15:00	64.08	506	7.45	7.69	1.8	4
10/27/98	13:30:00	64.13	506	7.53	7.71	1.8	4.1
10/27/98	13:45:00	64.24	505	7.58	7.71	1.8	3.8
10/27/98	14:00:00	64.24	504	7.58	7.71	1.8	4.1
10/27/98	14:15:00	64.27	505	7.6	7.72	1.8	4

10/27/98	14:30:00	64.35	505	7.63	7.73	1.81	3.4
10/27/98	14:45:00	64.36	505	7.65	7.73	1.73	3.9
10/27/98	15:00:00	64.31	504	7.63	7.74	1.7	4.2
10/27/98	15:15:00	62.42	467	7.99	7.87	1.7	4.3
10/27/98	15:30:00	61.41	453	8.28	7.97	1.71	4.3
10/27/98	15:45:00	61.54	457	8.36	8	1.71	4.4
10/27/98	16:00:00	61.57	458	8.35	8	1.7	3.8
10/27/98	16:15:00	61.11	450	8.35	8.02	1.7	3.7
10/27/98	16:30:00	60.82	445	8.34	8.02	1.7	3.6
10/27/98	16:45:00	60.73	445	8.33	8	1.7	4
10/27/98	17:00:00	60.67	444	8.28	7.99	1.7	3.7
10/27/98	17:15:00	60.64	444	8.25	7.99	1.69	4
10/27/98	17:30:00	60.58	444	8.21	7.99	1.7	4.2
10/27/98	17:45:00	60.55	445	8.17	7.99	1.7	4.1
10/27/98	18:00:00	60.51	445	8.12	7.99	1.71	4.3
10/27/98	18:15:00	60.48	446	8.09	7.98	1.71	4.7
10/27/98	18:30:00	60.44	446	8.05	7.98	1.71	3.8
10/27/98	18:45:00	60.37	448	8.01	7.98	1.71	4.6
10/27/98	19:00:00	60.33	448	7.97	7.97	1.72	5.7
10/27/98	19:15:00	60.3	450	7.92	7.97	1.71	5
10/27/98	19:30:00	60.24	450	7.88	7.97	1.72	4.2
10/27/98	19:45:00	60.21	450	7.84	7.96	1.73	3.9
10/27/98	20:00:00	60.17	450	7.8	7.96	1.73	4.7
10/27/98	20:15:00	60.15	451	7.75	7.96	1.73	4.2
10/27/98	20:30:00	60.12	451	7.7	7.95	1.73	4.7
10/27/98	20:45:00	60.1	451	7.65	7.95	1.73	4.3
10/27/98	21:00:00	60.06	451	7.62	7.94	1.73	4.6
10/27/98	21:15:00	60.04	451	7.57	7.94	1.73	4.8
10/27/98	21:30:00	60.01	451	7.53	7.94	1.74	4.2
10/27/98	21:45:00	59.99	451	7.49	7.93	1.74	4.4
10/27/98	22:00:00	59.97	452	7.46	7.93	1.75	4.9
10/27/98	22:15:00	59.94	452	7.42	7.93	1.74	4.3
10/27/98	22:30:00	59.92	452	7.39	7.93	1.73	4.5
10/27/98	22:45:00	59.88	453	7.35	7.92	1.73	4.5
10/27/98	23:00:00	59.85	454	7.33	7.92	1.73	4.4
10/27/98	23:15:00	59.81	454	7.3	7.91	1.73	4.4
10/27/98	23:30:00	59.81	454	7.27	7.91	1.73	4.8
10/27/98	23:45:00	59.77	454	7.25	7.91	1.73	4.8
10/28/98	0:00:00	59.74	454	7.23	7.91	1.73	4.4
10/28/98	0:15:00	59.72	454	7.2	7.9	1.74	4.6
10/28/98	0:30:00	59.68	455	7.17	7.9	1.73	4.6
10/28/98	0:45:00	59.65	455	7.16	7.9	1.74	4.2
10/28/98	1:00:00	59.61	455	7.14	7.9	1.73	5
10/28/98	1:15:00	59.59	455	7.12	7.89	1.74	4.9
10/28/98	1:30:00	59.58	456	7.11	7.89	1.74	5.2
10/28/98	1:45:00	59.56	456	7.09	7.89	1.74	4.3
10/28/98	2:00:00	59.54	457	7.07	7.88	1.74	4.9
10/28/98	2:15:00	59.5	457	7.06	7.88	1.74	4.7
10/28/98	2:30:00	59.49	457	7.04	7.88	1.74	6.3

10/28/98	2:45:00	59.47	457	7.02	7.88	1.73	4.9
10/28/98	3:00:00	59.43	458	7	7.88	1.72	4.9
10/28/98	3:15:00	59.41	459	6.99	7.87	1.72	5.4
10/28/98	3:30:00	59.38	459	6.98	7.87	1.72	4.9
10/28/98	3:45:00	59.36	459	6.97	7.87	1.72	5.4
10/28/98	4:00:00	59.32	459	6.96	7.87	1.72	5.2
10/28/98	4:15:00	59.31	459	6.94	7.87	1.72	4.5
10/28/98	4:30:00	59.27	459	6.95	7.87	1.72	5.1
10/28/98	4:45:00	59.23	460	6.94	7.87	1.72	5.5
10/28/98	5:00:00	59.2	460	6.92	7.86	1.72	4.7
10/28/98	5:15:00	59.14	459	6.92	7.86	1.72	6.3
10/28/98	5:30:00	59.11	460	6.92	7.86	1.72	4.9
10/28/98	5:45:00	59.09	459	6.91	7.86	1.73	5.8
10/28/98	6:00:00	59.07	461	6.91	7.86	1.73	4.8
10/28/98	6:15:00	59.07	461	6.9	7.86	1.72	5.7
10/28/98	6:30:00	59.05	461	6.89	7.86	1.72	5
10/28/98	6:45:00	59.05	461	6.88	7.86	1.73	5.7
10/28/98	7:00:00	59.05	461	6.89	7.85	1.73	6
10/28/98	7:15:00	59.05	462	6.9	7.85	1.74	5.5
10/28/98	7:30:00	59.05	462	6.95	7.86	1.74	5.1
10/28/98	7:45:00	59.07	462	7.03	7.89	1.74	5.7
10/28/98	8:00:00	59.11	462	7.12	7.91	1.75	4.6
10/28/98	8:15:00	59.18	462	7.22	7.92	1.76	5.2
10/28/98	8:30:00	59.5	467	7.32	7.93	1.76	4.6
10/28/98	8:45:00	60.22	474	7.44	7.89	1.76	5.5
10/28/98	9:00:00	60.46	477	7.51	7.87	1.76	6
10/28/98	9:15:00	60.4	475	7.57	7.87	1.76	5.2
10/28/98	9:30:00	60.42	474	7.58	7.85	1.76	7
10/28/98	9:45:00	60.6	475	7.61	7.84	1.76	5.6
10/28/98	10:00:00	60.66	474	7.62	7.84	1.75	5.2
10/28/98	10:15:00	61.02	474	7.69	7.85	1.75	5.6
10/28/98	10:30:00	61.23	474	7.81	7.87	1.75	5.7
10/28/98	10:45:00	61.27	475	7.88	7.87	1.75	4.4
10/28/98	11:00:00	61.21	474	7.91	7.87	1.75	5.2
10/28/98	11:15:00	61.21	476	7.94	7.87	1.75	5.8
10/28/98	11:30:00	61.43	476	8	7.88	1.74	5
10/28/98	11:45:00	61.57	474	8.12	7.9	1.74	5
10/28/98	12:00:00	61.83	473	8.23	7.91	1.73	5.6
10/28/98	12:15:00	62.1	478	8.33	7.91	1.76	6.3
10/28/98	12:30:00	65.5	531	8.18	7.69	1.76	6.1
10/28/98	12:45:00	66.07	535	8.11	7.67	1.75	5.1
10/28/98	13:00:00	66.34	537	8.07	7.67	1.75	6.2
10/28/98	13:15:00	66.49	538	8.08	7.68	1.74	4.5
10/28/98	13:30:00	66.61	538	8.09	7.68	1.73	5.7
10/28/98	13:45:00	66.83	538	8.16	7.69	1.73	4.5
10/28/98	14:00:00	66.96	537	8.19	7.69	1.72	5
10/28/98	14:15:00	67.12	537	8.54	7.75	1.73	4.3
10/28/98	14:30:00	67.24	535	8.58	7.73	1.73	4.8
10/28/98	14:45:00	67.28	534	8.46	7.72	1.73	4

10/28/98	15:00:00	67.33	534	8.36	7.72	1.73	4.4
10/28/98	15:15:00	67.44	532	8.37	7.73	1.73	5.2
10/28/98	15:30:00	67.44	531	8.4	7.74	1.73	4.8
10/28/98	15:45:00	67.46	531	8.37	7.74	1.72	4.8
10/28/98	16:00:00	67.39	531	8.28	7.73	1.73	4
10/28/98	16:15:00	67.41	529	8.23	7.74	1.72	4.5
10/28/98	16:30:00	67.42	529	8.21	7.75	1.72	3.8
10/28/98	16:45:00	67.41	529	8.19	7.74	1.72	4.2
10/28/98	17:00:00	67.35	528	8.13	7.74	1.72	4.8
10/28/98	17:15:00	67.32	529	8.05	7.74	1.72	4
10/28/98	17:30:00	67.23	531	7.98	7.73	1.72	4.1
10/28/98	17:45:00	67.17	529	7.92	7.73	1.71	4.6
10/28/98	18:00:00	67.1	529	7.89	7.73	1.72	3.9
10/28/98	18:15:00	67.05	530	7.85	7.73	1.73	4.6
10/28/98	18:30:00	66.78	531	7.79	7.76	1.73	4
10/28/98	18:45:00	66.51	530	7.74	7.77	1.72	4.8
10/28/98	19:00:00	66.29	530	7.68	7.78	1.72	5.1
10/28/98	19:15:00	66.13	530	7.64	7.77	1.73	4.8
10/28/98	19:30:00	65.98	531	7.59	7.77	1.73	5
10/28/98	19:45:00	65.86	531	7.53	7.77	1.72	4.4
10/28/98	20:00:00	65.77	531	7.48	7.77	1.72	5
10/28/98	20:15:00	65.68	531	7.44	7.76	1.72	5.1
10/28/98	20:30:00	65.59	531	7.38	7.76	1.73	5.1
10/28/98	20:45:00	65.52	532	7.33	7.75	1.72	4.3
10/28/98	21:00:00	65.41	531	7.29	7.75	1.72	4.2
10/28/98	21:15:00	65.35	532	7.25	7.74	1.72	4.1
10/28/98	21:30:00	65.3	532	7.21	7.74	1.72	4.5
10/28/98	21:45:00	65.23	533	7.17	7.74	1.72	4.6
10/28/98	22:00:00	65.19	532	7.14	7.74	1.72	5.7
10/28/98	22:15:00	65.16	532	7.11	7.73	1.72	5.5
10/28/98	22:30:00	65.08	532	7.09	7.73	1.71	4.4
10/28/98	22:45:00	65.01	533	7.06	7.73	1.72	4.4
10/28/98	23:00:00	64.98	532	7.03	7.73	1.71	4.6
10/28/98	23:15:00	64.9	532	7	7.72	1.7	5.2
10/28/98	23:30:00	64.83	532	6.98	7.72	1.7	4.1
10/28/98	23:45:00	64.76	532	6.96	7.72	1.7	4.6
10/29/98	0:00:00	64.71	532	6.93	7.71	1.7	5.4
10/29/98	0:15:00	64.6	532	6.91	7.71	1.7	4.8
10/29/98	0:30:00	64.53	532	6.9	7.71	1.69	4.9
10/29/98	0:45:00	64.45	532	6.88	7.7	1.69	5.1
10/29/98	1:00:00	64.36	532	6.87	7.7	1.69	4.3
10/29/98	1:15:00	64.26	533	6.86	7.7	1.68	4.5
10/29/98	1:30:00	64.22	533	6.84	7.69	1.68	4.6
10/29/98	1:45:00	64.13	534	6.83	7.69	1.68	4
10/29/98	2:00:00	64.06	534	6.81	7.69	1.68	4.1
10/29/98	2:15:00	64	534	6.8	7.68	1.68	4.6
10/29/98	2:30:00	63.91	534	6.79	7.68	1.67	4.5
10/29/98	2:45:00	63.82	535	6.78	7.68	1.67	4.6
10/29/98	3:00:00	63.75	535	6.76	7.68	1.66	4.7

10/29/98	3:15:00	63.66	535	6.75	7.67	1.66	5
10/29/98	3:30:00	63.61	535	6.73	7.67	1.66	5
10/29/98	3:45:00	63.54	536	6.72	7.67	1.66	4.9
10/29/98	4:00:00	63.48	536	6.71	7.67	1.66	4.7
10/29/98	4:15:00	63.43	536	6.7	7.66	1.66	4.9
10/29/98	4:30:00	63.34	536	6.7	7.66	1.66	4
10/29/98	4:45:00	63.25	536	6.69	7.66	1.65	3.9
10/29/98	5:00:00	63.16	536	6.68	7.66	1.65	4.1
10/29/98	5:15:00	63.05	535	6.68	7.66	1.65	4.1
10/29/98	5:30:00	62.83	533	6.69	7.66	1.66	4.5
10/29/98	5:45:00	62.62	532	6.69	7.66	1.66	4.6
10/29/98	6:00:00	62.35	530	6.71	7.67	1.67	4.6
10/29/98	6:15:00	62.08	529	6.71	7.67	1.67	4.7
10/29/98	6:30:00	61.86	528	6.73	7.67	1.68	4.3
10/29/98	6:45:00	61.66	527	6.73	7.67	1.68	4.5
10/29/98	7:00:00	61.52	525	6.76	7.68	1.68	4.6
10/29/98	7:15:00	61.34	524	6.82	7.68	1.68	4.7
10/29/98	7:30:00	61.25	523	6.87	7.68	1.69	4.8
10/29/98	7:45:00	61.21	524	6.94	7.69	1.69	4.3
10/29/98	8:00:00	61.23	525	7.01	7.69	1.69	4.5
10/29/98	8:15:00	61.29	524	7.09	7.69	1.69	4.5
10/29/98	8:30:00	61.3	524	7.14	7.69	1.68	4.6
10/29/98	8:45:00	61.34	525	7.18	7.69	1.68	3.9
10/29/98	9:00:00	61.43	526	7.23	7.7	1.68	3.9
10/29/98	9:15:00	61.48	526	7.29	7.7	1.67	3.7
10/29/98	9:30:00	61.59	526	7.36	7.7	1.67	4.3
10/29/98	9:45:00	61.7	526	7.43	7.7	1.66	4.7
10/29/98	10:00:00	61.86	527	7.51	7.71	1.66	4
10/29/98	10:15:00	62.02	527	7.58	7.71	1.65	3.9
10/29/98	10:30:00	62.19	527	7.64	7.71	1.64	3.6
10/29/98	10:45:00	62.37	528	7.71	7.72	1.63	3.6
10/29/98	11:00:00	61.7	518	7.91	7.77	1.62	3.7
10/29/98	11:15:00	61.48	515	8	7.8	1.61	4.2
10/29/98	11:30:00	61.52	515	8.04	7.81	1.6	4.4
10/29/98	11:45:00	61.56	513	8.11	7.82	1.6	4.4
10/29/98	12:00:00	61.63	513	8.21	7.84	1.59	4.6
10/29/98	12:15:00	61.75	512	8.31	7.85	1.58	4.2
10/29/98	12:30:00	61.88	512	8.44	7.87	1.57	4.4
10/29/98	12:45:00	62.04	512	8.54	7.88	1.57	4.2
10/29/98	13:00:00	63.21	525	8.39	7.81	1.58	4.6
10/29/98	13:15:00	63.7	529	8.39	7.78	1.57	3.9
10/29/98	13:30:00	63.97	529	8.41	7.78	1.57	3.8
10/29/98	13:45:00	64.15	530	8.5	7.79	1.57	3.8
10/29/98	14:00:00	64.27	531	8.59	7.79	1.57	4.9
10/29/98	14:15:00	64.4	531	8.65	7.79	1.57	3.8
10/29/98	14:30:00	64.53	531	8.68	7.78	1.56	3.5
10/29/98	14:45:00	64.54	531	8.73	7.79	1.57	3.5
10/29/98	15:00:00	64.58	532	8.74	7.79	1.57	4.3
10/29/98	15:15:00	64.62	532	8.74	7.79	1.57	3.8

10/29/98	15:30:00	64.65	532	8.73	7.8	1.57	3.8
10/29/98	15:45:00	64.67	532	8.73	7.8	1.56	3.4
10/29/98	16:00:00	64.71	531	8.7	7.8	1.56	3.3
10/29/98	16:15:00	64.72	532	8.66	7.8	1.57	3.7
10/29/98	16:30:00	64.71	532	8.62	7.8	1.56	3.9
10/29/98	16:45:00	64.78	532	8.58	7.81	1.57	3.4
10/29/98	17:00:00	64.96	532	8.59	7.81	1.56	3.3
10/29/98	17:15:00	65.03	533	8.56	7.81	1.57	3.2
10/29/98	17:30:00	65.08	532	8.51	7.81	1.57	3.2
10/29/98	17:45:00	65.1	533	8.44	7.81	1.58	3.5
10/29/98	18:00:00	65.07	532	8.4	7.81	1.58	3.6
10/29/98	18:15:00	65.05	533	8.35	7.81	1.59	3.4
10/29/98	18:30:00	64.96	533	8.34	7.81	1.6	3.5
10/29/98	18:45:00	64.83	533	8.27	7.8	1.6	3.3
10/29/98	19:00:00	64.72	533	8.16	7.8	1.6	3.8
10/29/98	19:15:00	64.6	533	8.06	7.8	1.61	3.3
10/29/98	19:30:00	64.49	533	7.99	7.8	1.61	2.6
10/29/98	19:45:00	64.42	533	7.91	7.79	1.6	2.9
10/29/98	20:00:00	64.31	534	7.84	7.79	1.6	2.9
10/29/98	20:15:00	64.22	533	7.77	7.78	1.6	3.4
10/29/98	20:30:00	64.13	534	7.71	7.78	1.61	9.3
10/29/98	20:45:00	64.04	533	7.63	7.77	1.61	6
10/29/98	21:00:00	63.95	534	7.57	7.77	1.62	5.8
10/29/98	21:15:00	63.86	533	7.52	7.76	1.62	4.4
10/29/98	21:30:00	63.75	534	7.48	7.76	1.63	6.5
10/29/98	21:45:00	63.72	534	7.42	7.75	1.63	5.9
10/29/98	22:00:00	63.66	535	7.4	7.75	1.63	4.6
10/29/98	22:15:00	63.59	534	7.35	7.74	1.62	3.7
10/29/98	22:30:00	63.48	535	7.32	7.74	1.62	3.8
10/29/98	22:45:00	63.41	534	7.29	7.73	1.63	3.9
10/29/98	23:00:00	63.32	535	7.25	7.73	1.63	4
10/29/98	23:15:00	63.27	535	7.22	7.72	1.62	3.9
10/29/98	23:30:00	63.18	534	7.19	7.72	1.63	3.6
10/29/98	23:45:00	63.09	535	7.16	7.71	1.63	2.8
10/30/98	0:00:00	63	534	7.14	7.71	1.63	3.1
10/30/98	0:15:00	62.89	535	7.12	7.71	1.63	2.7
10/30/98	0:30:00	62.82	536	7.09	7.7	1.63	2.9
10/30/98	0:45:00	62.71	536	7.08	7.7	1.63	3.2
10/30/98	1:00:00	62.62	536	7.07	7.7	1.63	3.5
10/30/98	1:15:00	62.53	536	7.06	7.69	1.63	3.4
10/30/98	1:30:00	62.42	536	7.05	7.69	1.63	2.8
10/30/98	1:45:00	62.33	537	7.05	7.69	1.62	2.7
10/30/98	2:00:00	62.26	537	7.03	7.68	1.62	3.2
10/30/98	2:15:00	62.15	537	7.03	7.68	1.62	3.1
10/30/98	2:30:00	62.06	537	7.02	7.68	1.62	3.2
10/30/98	2:45:00	61.95	537	7.01	7.67	1.61	3.5
10/30/98	3:00:00	61.83	538	7	7.67	1.61	2.7
10/30/98	3:15:00	61.75	538	6.99	7.66	1.61	2.5
10/30/98	3:30:00	61.65	538	6.99	7.66	1.61	2.9



10/30/98	3:45:00	61.56	538	6.97	7.66	1.62	3.3
10/30/98	4:00:00	61.45	539	6.97	7.66	1.62	3.1
10/30/98	4:15:00	61.34	538	6.97	7.66	1.63	3.1
10/30/98	4:30:00	61.25	539	6.97	7.66	1.63	3.4
10/30/98	4:45:00	61.12	540	6.97	7.65	1.63	2.4
10/30/98	5:00:00	61.05	539	6.98	7.65	1.64	2.9
10/30/98	5:15:00	60.96	540	6.97	7.65	1.64	3.3
10/30/98	5:30:00	60.87	540	6.98	7.65	1.63	3
10/30/98	5:45:00	60.78	541	6.98	7.65	1.64	3.2
10/30/98	6:00:00	60.75	541	6.97	7.64	1.64	3.5
10/30/98	6:15:00	60.67	542	6.98	7.64	1.64	3.2
10/30/98	6:30:00	60.6	542	6.97	7.64	1.64	3.3
10/30/98	6:45:00	60.51	543	6.99	7.64	1.65	2.4
10/30/98	7:00:00	60.48	543	7.01	7.64	1.65	2.7
10/30/98	7:15:00	60.44	544	7.06	7.64	1.66	2.8
10/30/98	7:30:00	60.39	544	7.1	7.64	1.66	3.1
10/30/98	7:45:00	60.42	544	7.17	7.65	1.67	3.3
10/30/98	8:00:00	60.42	544	7.22	7.65	1.68	3.4
10/30/98	8:15:00	60.44	544	7.29	7.65	1.68	3.5
10/30/98	8:30:00	60.48	544	7.37	7.66	1.68	3.6
10/30/98	8:45:00	60.55	544	7.44	7.66	1.68	2.7
10/30/98	9:00:00	60.57	545	7.52	7.66	1.68	2.8
10/30/98	9:15:00	60.62	545	7.59	7.67	1.67	2.9
10/30/98	9:30:00	60.62	545	7.64	7.67	1.68	3
10/30/98	9:45:00	60.71	544	7.71	7.68	1.67	3.1
10/30/98	10:00:00	60.85	544	7.77	7.68	1.67	3.3
10/30/98	10:15:00	61.02	544	7.83	7.69	1.66	3.2
10/30/98	10:30:00	61.18	546	7.9	7.69	1.66	3.1
10/30/98	10:45:00	61.34	546	7.95	7.69	1.65	2.9
10/30/98	11:00:00	61.48	546	8.02	7.7	1.65	2.7
10/30/98	11:15:00	61.66	546	8.08	7.7	1.65	2.9
10/30/98	11:30:00	61.84	546	8.14	7.7	1.64	3.1
10/30/98	11:45:00	61.95	546	8.21	7.71	1.63	3.1
10/30/98	12:00:00	62.15	546	8.27	7.71	1.62	2.8
10/30/98	12:15:00	62.31	546	8.33	7.72	1.62	3.2
10/30/98	12:30:00	62.49	547	8.4	7.72	1.61	3.2
10/30/98	12:45:00	62.65	547	8.46	7.73	1.61	2.5
10/30/98	13:00:00	62.85	547	8.51	7.73	1.6	2.6
10/30/98	13:15:00	63	547	8.57	7.73	1.6	2.8
10/30/98	13:30:00	63.09	547	8.63	7.74	1.6	3
10/30/98	13:45:00	63.23	548	8.66	7.75	1.59	2.2
10/30/98	14:00:00	63.34	547	8.7	7.75	1.59	2.2
10/30/98	14:15:00	63.46	548	8.72	7.75	1.59	2.1
10/30/98	14:30:00	63.59	548	8.76	7.76	1.59	2.3
10/30/98	14:45:00	63.7	547	8.8	7.76	1.59	2.2
10/30/98	15:00:00	63.79	548	8.82	7.77	1.59	2.3
10/30/98	15:15:00	63.9	548	8.83	7.77	1.59	2.7
10/30/98	15:30:00	63.95	548	8.85	7.77	1.59	2.9
10/30/98	15:45:00	64.02	547	8.85	7.78	1.59	2

10/30/98	16:00:00	64.08	547	8.82	7.78	1.59	3.2
10/30/98	16:15:00	64.08	547	8.8	7.78	1.59	2.3
10/30/98	16:30:00	64.09	547	8.77	7.78	1.59	2.4
10/30/98	16:45:00	64.13	548	8.71	7.78	1.59	2.3
10/30/98	17:00:00	64.13	547	8.67	7.78	1.6	2.6
10/30/98	17:15:00	64.09	548	8.59	7.78	1.61	2.7
10/30/98	17:30:00	64.06	547	8.54	7.78	1.61	2.7
10/30/98	17:45:00	64.02	547	8.48	7.78	1.61	1.9
10/30/98	18:00:00	63.99	549	8.42	7.79	1.62	2.2
10/30/98	18:15:00	63.93	549	8.39	7.79	1.62	2.5
10/30/98	18:30:00	63.9	549	8.35	7.79	1.63	2.5
10/30/98	18:45:00	63.81	550	8.32	7.79	1.63	2.5
10/30/98	19:00:00	63.75	550	8.29	7.79	1.63	3
10/30/98	19:15:00	63.72	551	8.24	7.79	1.64	2.9
10/30/98	19:30:00	63.68	551	8.2	7.79	1.64	3
10/30/98	19:45:00	63.59	550	8.15	7.79	1.64	3.2
10/30/98	20:00:00	63.5	550	8.09	7.79	1.65	2.2
10/30/98	20:15:00	63.46	550	8.05	7.79	1.65	3.2
10/30/98	20:30:00	63.37	549	8	7.79	1.65	3.2
10/30/98	20:45:00	63.32	550	7.94	7.78	1.66	3
10/30/98	21:00:00	63.21	549	7.9	7.78	1.66	3.5
10/30/98	21:15:00	63.14	550	7.84	7.78	1.66	3.4
10/30/98	21:30:00	63.05	549	7.79	7.77	1.67	3.9
10/30/98	21:45:00	62.98	550	7.73	7.77	1.67	3.6
10/30/98	22:00:00	62.89	549	7.69	7.76	1.67	4.1
10/30/98	22:15:00	62.82	550	7.64	7.75	1.67	3.9
10/30/98	22:30:00	62.71	549	7.59	7.75	1.67	3.8
10/30/98	22:45:00	62.62	549	7.55	7.74	1.73	2.9
10/30/98	23:00:00	62.51	548	7.51	7.74	1.73	5.2
10/30/98	23:15:00	62.47	549	7.46	7.73	1.73	4.8
10/30/98	23:30:00	62.35	548	7.43	7.73	1.73	3.5
10/30/98	23:45:00	62.29	547	7.4	7.72	1.73	3.5
10/31/98	0:00:00	62.26	549	7.36	7.71	1.74	3.4
10/31/98	0:15:00	62.19	548	7.34	7.71	1.74	3.4
10/31/98	0:30:00	62.08	549	7.31	7.7	1.74	3.3
10/31/98	0:45:00	62.01	548	7.29	7.7	1.74	2.9
10/31/98	1:00:00	61.92	549	7.27	7.69	1.74	3.4
10/31/98	1:15:00	61.84	548	7.23	7.69	1.74	3.1
10/31/98	1:30:00	61.77	549	7.22	7.68	1.75	3.3
10/31/98	1:45:00	61.66	548	7.19	7.67	1.75	2.9
10/31/98	2:00:00	61.59	549	7.17	7.67	1.75	3.2
10/31/98	2:15:00	61.54	548	7.13	7.66	1.75	2.8
10/31/98	2:30:00	61.47	548	7.1	7.65	1.75	2.7
10/31/98	2:45:00	61.41	549	7.08	7.65	1.75	2.4
10/31/98	3:00:00	61.32	548	7.06	7.65	1.75	2.6
10/31/98	3:15:00	61.25	549	7.04	7.64	1.75	2.8
10/31/98	3:30:00	61.16	549	7.01	7.63	1.75	3.1
10/31/98	3:45:00	61.05	549	6.99	7.63	1.74	3.1
10/31/98	4:00:00	60.98	548	6.97	7.63	1.76	3.2

10/31/98	4:15:00	60.89	549	6.97	7.63	1.76	3
10/31/98	4:30:00	60.78	548	6.97	7.62	1.75	3.5
10/31/98	4:45:00	60.71	549	6.96	7.62	1.76	2.6
10/31/98	5:00:00	60.64	548	6.94	7.62	1.76	2.9
10/31/98	5:15:00	60.53	549	6.94	7.61	1.76	3.1
10/31/98	5:30:00	60.49	549	6.92	7.61	1.77	3.1
10/31/98	5:45:00	60.44	548	6.92	7.6	1.76	3.4
10/31/98	6:00:00	60.39	549	6.92	7.6	1.76	4.3
10/31/98	6:15:00	60.37	549	6.91	7.6	1.76	3.4
10/31/98	6:30:00	60.31	549	6.92	7.6	1.76	3.4
10/31/98	6:45:00	60.28	550	6.94	7.6	1.77	3.2
10/31/98	7:00:00	60.24	550	6.97	7.6	1.78	4.7
10/31/98	7:15:00	60.21	549	7.05	7.6	1.78	3.2
10/31/98	7:30:00	60.17	549	7.12	7.6	1.79	2.8
10/31/98	7:45:00	60.21	549	7.23	7.6	1.8	3.1
10/31/98	8:00:00	60.24	549	7.37	7.61	1.8	3.2
10/31/98	8:15:00	60.26	548	7.48	7.62	1.8	4
10/31/98	8:30:00	60.21	549	7.47	7.62	1.8	3.2
10/31/98	8:45:00	60.12	548	7.45	7.61	1.8	2.9
10/31/98	9:00:00	60.17	548	7.53	7.62	1.81	3.1
10/31/98	9:15:00	60.35	549	7.7	7.63	1.81	3.1
10/31/98	9:30:00	60.49	548	7.85	7.64	1.82	2.9
10/31/98	9:45:00	60.57	549	7.94	7.64	1.8	2.9
10/31/98	10:00:00	60.69	548	8.06	7.65	1.8	3.2
10/31/98	10:15:00	60.89	548	8.17	7.65	1.8	3.7
10/31/98	10:30:00	61.14	548	8.29	7.66	1.79	2.9
10/31/98	10:45:00	61.3	548	8.38	7.67	1.79	2.9
10/31/98	11:00:00	61.47	548	8.45	7.67	1.79	2.7
10/31/98	11:15:00	61.63	548	8.55	7.67	1.8	2.7
10/31/98	11:30:00	61.7	549	8.62	7.68	1.79	2.3
10/31/98	11:45:00	61.77	549	8.7	7.69	1.78	2.4
10/31/98	12:00:00	61.9	549	8.75	7.69	1.78	2.3
10/31/98	12:15:00	61.99	548	8.83	7.69	1.78	2.5
10/31/98	12:30:00	62.08	549	8.86	7.7	1.78	2.7
10/31/98	12:45:00	62.13	550	8.87	7.7	1.78	1.6
10/31/98	13:00:00	62.13	550	8.83	7.7	1.78	1.7
10/31/98	13:15:00	62.2	549	8.81	7.7	1.78	1.8
10/31/98	13:30:00	62.19	549	8.8	7.7	1.78	2.1
10/31/98	13:45:00	62.2	549	8.78	7.7	1.79	2
10/31/98	14:00:00	62.28	549	8.76	7.7	1.81	1.7
10/31/98	14:15:00	62.31	548	8.8	7.71	1.8	1.6
10/31/98	14:30:00	62.38	549	8.84	7.71	1.81	1.6
10/31/98	14:45:00	62.42	549	8.82	7.72	1.8	1.7
10/31/98	15:00:00	62.44	549	8.85	7.72	1.83	1.6
10/31/98	15:15:00	62.56	549	8.88	7.73	1.8	1.5
10/31/98	15:30:00	62.65	550	9	7.74	1.79	1.5
10/31/98	15:45:00	62.73	549	9.09	7.75	1.77	1.5
10/31/98	16:00:00	62.78	549	9.06	7.75	1.78	1.3
10/31/98	16:15:00	62.78	550	9.01	7.75	1.78	1.5

10/31/98	16:30:00	62.62	548	8.96	7.77	1.78	1.3
10/31/98	16:45:00	62.53	547	8.87	7.77	1.79	2.7
10/31/98	17:00:00	62.49	547	8.77	7.76	1.8	1.7
10/31/98	17:15:00	62.46	547	8.64	7.76	1.81	1.8
10/31/98	17:30:00	62.56	549	8.5	7.74	1.79	2.2
10/31/98	17:45:00	62.62	550	8.41	7.73	1.8	2.7
10/31/98	18:00:00	62.62	550	8.37	7.73	1.81	2.8
10/31/98	18:15:00	62.67	550	8.32	7.73	1.81	1.7
10/31/98	18:30:00	62.65	550	8.28	7.73	1.81	2.6
10/31/98	18:45:00	62.67	550	8.25	7.73	1.81	1.6
10/31/98	19:00:00	62.67	550	8.22	7.73	1.81	2.8
10/31/98	19:15:00	62.69	549	8.17	7.72	1.8	1.7
10/31/98	19:30:00	62.69	549	8.13	7.72	1.8	1.7
10/31/98	19:45:00	62.71	549	8.08	7.72	1.81	1.8
10/31/98	20:00:00	62.73	549	8.03	7.71	1.8	2
10/31/98	20:15:00	62.73	549	7.98	7.71	1.8	2
10/31/98	20:30:00	62.74	549	7.92	7.71	1.8	1.8
10/31/98	20:45:00	62.73	549	7.86	7.71	1.8	2
10/31/98	21:00:00	62.71	549	7.8	7.7	1.8	2.1
10/31/98	21:15:00	62.69	549	7.74	7.7	1.8	2.8
10/31/98	21:30:00	62.67	548	7.69	7.7	1.79	2.6
10/31/98	21:45:00	62.67	548	7.66	7.7	1.8	1.9
10/31/98	22:00:00	62.67	548	7.62	7.69	1.79	1.9
10/31/98	22:15:00	62.71	548	7.57	7.69	1.81	1.7
10/31/98	22:30:00	62.65	547	7.54	7.69	1.82	1.8
10/31/98	22:45:00	62.69	547	7.49	7.68	1.82	2
10/31/98	23:00:00	62.64	547	7.46	7.68	1.81	1.7
10/31/98	23:15:00	62.6	548	7.41	7.68	1.83	7
10/31/98	23:30:00	62.58	548	7.36	7.68	1.82	3.3
10/31/98	23:45:00	62.56	548	7.33	7.68	1.82	3.1
11/1/98	0:00:00	62.55	548	7.29	7.67	1.82	3
11/1/98	0:15:00	62.49	547	7.27	7.67	1.81	2.8
11/1/98	0:30:00	62.47	547	7.23	7.67	1.81	2.6
11/1/98	0:45:00	62.47	547	7.2	7.66	1.81	2.7
11/1/98	1:00:00	62.47	549	7.15	7.65	1.82	2.6
11/1/98	1:15:00	62.46	549	7.1	7.64	1.81	1.7
11/1/98	1:30:00	62.4	549	7.07	7.64	1.81	1.5
11/1/98	1:45:00	62.33	548	7.04	7.64	1.81	2.8
11/1/98	2:00:00	62.26	549	7.01	7.64	1.81	1.6
11/1/98	2:15:00	62.17	548	7	7.63	1.82	1.5
11/1/98	2:30:00	62.15	548	6.97	7.63	1.81	1.6
11/1/98	2:45:00	62.08	549	6.96	7.62	1.81	1.6
11/1/98	3:00:00	62.02	548	6.93	7.62	1.81	1.7
11/1/98	3:15:00	62.02	548	6.91	7.61	1.81	2.7
11/1/98	3:30:00	62.01	548	6.88	7.61	1.81	1.8
11/1/98	3:45:00	61.9	548	6.86	7.61	1.81	1.9
11/1/98	4:00:00	61.77	547	6.83	7.61	1.81	2.1
11/1/98	4:15:00	61.63	547	6.82	7.61	1.81	2.2
11/1/98	4:30:00	61.52	546	6.81	7.61	1.81	2.3

11/1/98	4:45:00	61.43	546	6.8	7.61	1.81	2.4
11/1/98	5:00:00	61.36	546	6.8	7.61	1.81	2.5
11/1/98	5:15:00	61.3	546	6.79	7.6	1.82	2.3
11/1/98	5:30:00	61.23	545	6.79	7.6	1.83	2.4
11/1/98	5:45:00	61.14	545	6.79	7.6	1.84	2.6
11/1/98	6:00:00	60.98	543	6.81	7.61	1.83	1.5
11/1/98	6:15:00	60.82	542	6.82	7.61	1.84	1.8
11/1/98	6:30:00	60.64	541	6.83	7.62	1.85	1.9
11/1/98	6:45:00	60.49	539	6.86	7.63	1.86	1.7
11/1/98	7:00:00	60.35	538	6.91	7.64	1.87	2.2
11/1/98	7:15:00	60.24	538	6.97	7.64	1.88	2
11/1/98	7:30:00	60.15	537	7.07	7.65	1.88	2.3
11/1/98	7:45:00	60.08	536	7.19	7.66	1.89	2.6
11/1/98	8:00:00	59.97	535	7.32	7.67	1.9	2.7
11/1/98	8:15:00	59.9	534	7.47	7.68	1.9	4.1
11/1/98	8:30:00	59.76	532	7.6	7.69	1.91	3.4
11/1/98	8:45:00	59.68	532	7.75	7.7	1.92	3.6
11/1/98	9:00:00	59.61	530	7.91	7.72	1.92	4.1
11/1/98	9:15:00	59.56	529	8.07	7.73	1.93	3.8
11/1/98	9:30:00	59.61	529	8.21	7.74	1.93	4.1
11/1/98	9:45:00	59.65	527	8.41	7.76	1.94	4.3
11/1/98	10:00:00	59.79	527	8.64	7.78	1.94	3.4
11/1/98	10:15:00	59.88	527	8.79	7.79	1.94	3.2
11/1/98	10:30:00	59.99	525	8.91	7.8	1.94	3.4
11/1/98	10:45:00	60.24	525	9.04	7.81	1.93	3.8
11/1/98	11:00:00	60.39	524	9.14	7.81	1.92	3.5
11/1/98	11:15:00	60.58	524	9.27	7.82	1.91	3.6
11/1/98	11:30:00	60.82	524	9.47	7.83	1.91	3.4
11/1/98	11:45:00	60.96	523	9.57	7.84	1.89	3.2
11/1/98	12:00:00	61.09	523	9.61	7.84	1.88	3.1
11/1/98	12:15:00	61.39	524	9.77	7.86	1.88	3.1
11/1/98	12:30:00	61.65	524	9.86	7.86	1.87	3.2
11/1/98	12:45:00	61.83	524	9.93	7.87	1.85	3.8
11/1/98	13:00:00	62.01	524	10.03	7.88	1.85	4
11/1/98	13:15:00	62.15	525	10.07	7.89	1.84	3.1
11/1/98	13:30:00	62.31	525	10.12	7.89	1.83	3
11/1/98	13:45:00	62.53	525	10.21	7.9	1.82	3.1
11/1/98	14:00:00	62.69	525	10.26	7.91	1.81	3
11/1/98	14:15:00	62.85	525	10.31	7.92	1.81	2.9
11/1/98	14:30:00	63	525	10.35	7.92	1.8	3.1
11/1/98	14:45:00	63.1	525	10.33	7.93	1.8	3.3
11/1/98	15:00:00	63.19	526	10.28	7.92	1.8	3.3
11/1/98	15:15:00	63.27	527	10.25	7.92	1.8	3.5
11/1/98	15:30:00	63.36	526	10.24	7.93	1.79	3.4
11/1/98	15:45:00	63.43	527	10.18	7.92	1.79	3.5
11/1/98	16:00:00	63.48	528	10.12	7.92	1.79	2.5
11/1/98	16:15:00	63.55	527	10.04	7.92	1.79	2.9
11/1/98	16:30:00	63.61	527	9.94	7.91	1.79	2.9
11/1/98	16:45:00	63.63	528	9.86	7.91	1.78	2.9

11/1/98	17:00:00	63.66	528	9.74	7.9	1.78	2.6
11/1/98	17:15:00	63.64	528	9.65	7.9	1.78	2.4
11/1/98	17:30:00	63.63	528	9.53	7.89	1.78	2.7
11/1/98	17:45:00	63.59	528	9.43	7.89	1.78	2.6
11/1/98	18:00:00	63.55	528	9.33	7.88	1.78	2.6
11/1/98	18:15:00	63.48	528	9.24	7.88	1.78	2.4
11/1/98	18:30:00	63.45	528	9.15	7.87	1.78	2.7
11/1/98	18:45:00	63.36	527	9.03	7.86	1.78	1.7
11/1/98	19:00:00	63.28	528	8.91	7.85	1.78	1.9
11/1/98	19:15:00	63.19	528	8.8	7.85	1.79	2.3
11/1/98	19:30:00	63.1	528	8.68	7.84	1.79	1.9
11/1/98	19:45:00	63.03	528	8.57	7.82	1.79	2.2
11/1/98	20:00:00	62.92	528	8.45	7.81	1.79	2.1
11/1/98	20:15:00	62.85	528	8.32	7.8	1.79	2.3
11/1/98	20:30:00	62.76	528	8.22	7.79	1.78	2
11/1/98	20:45:00	62.67	528	8.1	7.78	1.79	2.1
11/1/98	21:00:00	62.6	529	8	7.76	1.79	2.2
11/1/98	21:15:00	62.51	528	7.89	7.75	1.79	2.2
11/1/98	21:30:00	62.4	528	7.8	7.74	1.8	2.5
11/1/98	21:45:00	62.35	528	7.69	7.73	1.8	1.9
11/1/98	22:00:00	62.24	528	7.64	7.72	1.8	1.9
11/1/98	22:15:00	62.17	528	7.55	7.71	1.8	2.2
11/1/98	22:30:00	62.06	529	7.48	7.7	1.8	1.9
11/1/98	22:45:00	61.97	529	7.4	7.69	1.79	2
11/1/98	23:00:00	61.88	530	7.34	7.68	1.79	2
11/1/98	23:15:00	61.75	530	7.27	7.68	1.79	2
11/1/98	23:30:00	61.61	529	7.23	7.67	1.78	2.1
11/1/98	23:45:00	61.48	529	7.19	7.67	1.78	2.4
11/2/98	0:00:00	61.39	530	7.14	7.66	1.78	2.8
11/2/98	0:15:00	61.25	529	7.11	7.66	1.78	2.6
11/2/98	0:30:00	61.11	529	7.07	7.65	1.79	3.1
11/2/98	0:45:00	60.98	529	7.04	7.65	1.79	2.2
11/2/98	1:00:00	60.84	527	7.01	7.65	1.79	2.6
11/2/98	1:15:00	60.69	527	7	7.64	1.79	3.3
11/2/98	1:30:00	60.57	528	6.97	7.64	1.78	2.1
11/2/98	1:45:00	60.44	528	6.94	7.63	1.78	2.4
11/2/98	2:00:00	60.35	527	6.92	7.62	1.78	2.8
11/2/98	2:15:00	60.22	527	6.89	7.62	1.77	1.9
11/2/98	2:30:00	60.15	526	6.85	7.61	1.77	1.9
11/2/98	2:45:00	60.1	525	6.83	7.6	1.76	2.8
11/2/98	3:00:00	60.03	526	6.79	7.6	1.76	3.3
11/2/98	3:15:00	59.92	525	6.76	7.6	1.76	4
11/2/98	3:30:00	59.81	525	6.74	7.59	1.75	2.2
11/2/98	3:45:00	59.77	525	6.7	7.58	1.75	2.4
11/2/98	4:00:00	59.77	525	6.68	7.58	1.75	2.6
11/2/98	4:15:00	59.74	524	6.66	7.57	1.75	3.9
11/2/98	4:30:00	59.72	524	6.63	7.56	1.75	3.7
11/2/98	4:45:00	59.7	524	6.59	7.56	1.76	4.4
11/2/98	5:00:00	59.67	523	6.58	7.56	1.76	3.2

11/2/98	5:15:00	59.61	524	6.57	7.55	1.75	2.5
11/2/98	5:30:00	59.58	523	6.55	7.55	1.76	2.7
11/2/98	5:45:00	59.54	523	6.53	7.55	1.75	3.4
11/2/98	6:00:00	59.52	523	6.52	7.55	1.75	4.3
11/2/98	6:15:00	59.5	522	6.52	7.54	1.74	3.7
11/2/98	6:30:00	59.5	522	6.5	7.54	1.75	3.2
11/2/98	6:45:00	59.49	522	6.5	7.54	1.75	3.6
11/2/98	7:00:00	59.49	521	6.52	7.54	1.75	3.5
11/2/98	7:15:00	59.47	521	6.58	7.54	1.75	3.1
11/2/98	7:30:00	59.47	521	6.66	7.54	1.76	3.4
11/2/98	7:45:00	59.5	521	6.87	7.55	1.76	3.4
11/2/98	8:00:00	59.56	520	7.03	7.56	1.76	2.1
11/2/98	8:15:00	59.59	520	7.1	7.56	1.77	2.2
11/2/98	8:30:00	59.59	520	7.2	7.56	1.77	3.2
11/2/98	8:45:00	59.72	520	7.34	7.57	1.77	2.1
11/2/98	9:00:00	59.83	521	7.44	7.57	1.78	1.7
11/2/98	9:15:00	59.88	521	7.54	7.58	1.77	2.5
11/2/98	9:30:00	59.95	520	7.62	7.58	1.76	2.7
11/2/98	9:45:00	60.06	521	7.73	7.59	1.76	2.4
11/2/98	10:00:00	60.22	521	7.86	7.6	1.76	2.8
11/2/98	10:15:00	60.35	521	8.01	7.61	1.75	2.8
11/2/98	10:30:00	60.51	521	8.15	7.61	1.75	2.7
11/2/98	10:45:00	60.67	521	8.29	7.62	1.75	2.5
11/2/98	11:00:00	60.84	520	8.42	7.63	1.74	3
11/2/98	11:15:00	61	520	8.56	7.64	1.74	3.3
11/2/98	11:30:00	61.16	520	8.72	7.65	1.73	3.1
11/2/98	11:45:00	61.41	521	8.85	7.66	1.73	3
11/2/98	12:00:00	61.57	521	8.99	7.67	1.72	3.2
11/2/98	12:15:00	61.77	522	9.12	7.68	1.71	3.1
11/2/98	12:30:00	61.97	522	9.25	7.68	1.7	2
11/2/98	12:45:00	62.13	522	9.36	7.69	1.7	1.9
11/2/98	13:00:00	62.28	523	9.48	7.71	1.69	2.2
11/2/98	13:15:00	62.46	524	9.59	7.71	1.68	2.3
11/2/98	13:30:00	62.62	524	9.68	7.72	1.68	1.7
11/2/98	13:45:00	62.74	523	9.78	7.74	1.68	1.3
11/2/98	14:00:00	62.89	523	9.86	7.75	1.68	1.6
11/2/98	14:15:00	62.96	524	9.94	7.76	1.67	1.6
11/2/98	14:30:00	63.05	525	9.99	7.77	1.68	2.1

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
MM/DD/YY	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
11/3/98	14:00:00	62.33	395.6	13.41	7.89	1.58	1.2
11/3/98	14:15:00	62.35	394.3	13.41	7.9	1.57	1.3
11/3/98	14:30:00	62.37	393	13.25	7.91	1.57	1.5
11/3/98	14:45:00	62.42	391.6	13.21	7.92	1.57	1.5
11/3/98	15:00:00	62.44	389.1	12.95	7.9	1.57	1.3
11/3/98	15:15:00	62.44	387.9	12.86	7.9	1.56	1.1
11/3/98	15:30:00	62.47	385.4	12.85	7.91	1.56	1
11/3/98	15:45:00	62.47	381.9	12.81	7.92	1.56	1
11/3/98	16:00:00	62.47	380.7	12.72	7.91	1.56	1
11/3/98	16:15:00	62.4	377.5	12.54	7.91	1.56	0.9
11/3/98	16:30:00	62.37	375.3	12.39	7.91	1.56	1
11/3/98	16:45:00	62.33	374.3	12.23	7.9	1.56	1
11/3/98	17:00:00	62.28	371	12.11	7.9	1.56	1
11/3/98	17:15:00	62.29	369.7	11.91	7.89	1.56	1
11/3/98	17:30:00	62.22	368.8	11.77	7.89	1.56	1.1
11/3/98	17:45:00	62.42	369.1	11.49	7.85	1.56	1.1
11/3/98	18:00:00	62.42	369.1	11.4	7.85	1.57	1.1
11/3/98	18:15:00	62.38	368.1	11.38	7.84	1.57	1
11/3/98	18:30:00	62.35	367.1	11.29	7.83	1.58	1
11/3/98	18:45:00	62.29	375.6	11.18	7.83	1.58	1
11/3/98	19:00:00	62.22	376	11.09	7.82	1.59	1.1
11/3/98	19:15:00	62.17	381	10.98	7.82	1.59	1.2
11/3/98	19:30:00	62.1	382.5	10.88	7.81	1.59	1.6
11/3/98	19:45:00	62.04	382.8	10.74	7.8	1.59	1.5
11/3/98	20:00:00	61.97	383.1	10.63	7.79	1.6	1.4
11/3/98	20:15:00	61.92	383.4	10.44	7.78	1.6	1.6
11/3/98	20:30:00	61.9	383.4	10.33	7.77	1.6	2.1
11/3/98	20:45:00	61.88	384.7	10.19	7.76	1.61	1.4
11/3/98	21:00:00	61.86	384.8	10.13	7.75	1.61	1.6
11/3/98	21:15:00	61.88	385.9	10.05	7.74	1.61	2.3
11/3/98	21:30:00	61.84	387.3	9.9	7.73	1.61	2.1
11/3/98	21:45:00	61.83	387.4	9.76	7.74	1.61	2.1
11/3/98	22:00:00	61.81	388.7	9.66	7.74	1.62	2.3
11/3/98	22:15:00	61.79	389.9	9.58	7.73	1.61	2.1
11/3/98	22:30:00	61.75	390.1	9.48	7.73	1.61	2.3
11/3/98	22:45:00	61.7	391.6	9.4	7.72	1.61	1.9
11/3/98	23:00:00	61.66	391.8	9.33	7.71	1.61	2
11/3/98	23:15:00	61.63	393.1	9.34	7.7	1.62	2.5
11/3/98	23:30:00	61.61	393.2	9.24	7.69	1.61	2.3
11/3/98	23:45:00	61.61	393.2	9.18	7.69	1.61	2.3
11/4/98	0:00:00	61.54	394.8	9.14	7.69	1.61	1.9
11/4/98	0:15:00	61.54	394.8	9.11	7.68	1.61	2
11/4/98	0:30:00	61.5	394.9	9.07	7.67	1.62	2.2
11/4/98	0:45:00	61.47	396.3	8.99	7.66	1.62	1.9
11/4/98	1:00:00	61.45	396.4	8.99	7.66	1.62	1.9
11/4/98	1:15:00	61.45	396.4	9	7.65	1.61	2.1
11/4/98	1:30:00	61.39	396.7	8.89	7.65	1.62	1.6



11/4/98	1:45:00	61.38	398	8.86	7.64	1.63	1.6
11/4/98	2:00:00	61.36	398.1	8.88	7.64	1.61	1.4
11/4/98	2:15:00	61.36	398.1	8.93	7.64	1.62	1.6
11/4/98	2:30:00	61.32	398.3	8.93	7.63	1.62	1.8
11/4/98	2:45:00	61.32	398.3	8.89	7.63	1.62	1.5
11/4/98	3:00:00	61.32	399.5	8.78	7.62	1.62	1.5
11/4/98	3:15:00	61.29	398.4	8.74	7.62	1.62	1.7
11/4/98	3:30:00	61.27	399.7	8.68	7.62	1.61	1.7
11/4/98	3:45:00	61.27	399.7	8.57	7.61	1.62	1.3
11/4/98	4:00:00	61.23	399.9	8.55	7.61	1.62	1.4
11/4/98	4:15:00	61.2	400.1	8.63	7.6	1.61	1.4
11/4/98	4:30:00	61.18	400.2	8.62	7.59	1.61	1.5
11/4/98	4:45:00	61.18	401.4	8.63	7.59	1.62	1.3
11/4/98	5:00:00	61.18	401.4	8.65	7.59	1.62	1.6
11/4/98	5:15:00	61.18	401.4	8.64	7.58	1.63	1.4
11/4/98	5:30:00	61.14	401.6	8.6	7.58	1.63	1.5
11/4/98	5:45:00	61.14	402.8	8.54	7.57	1.63	1.6
11/4/98	6:00:00	61.14	402.8	8.51	7.57	1.63	1.7
11/4/98	6:15:00	61.14	402.8	8.48	7.57	1.63	1.5
11/4/98	6:30:00	61.12	402.9	8.48	7.56	1.63	1.5
11/4/98	6:45:00	61.11	404.2	8.46	7.56	1.62	1.6
11/4/98	7:00:00	61.09	404.3	8.46	7.56	1.63	2.1
11/4/98	7:15:00	61.09	404.3	8.53	7.56	1.62	1.5
11/4/98	7:30:00	61.11	404.2	8.6	7.57	1.63	2.9
11/4/98	7:45:00	61.14	404	8.71	7.57	1.64	2.4
11/4/98	8:00:00	61.16	403.9	8.77	7.57	1.63	2.6
11/4/98	8:15:00	61.16	403.9	8.92	7.58	1.64	3.3
11/4/98	8:30:00	61.18	405	9	7.59	1.64	2.8
11/4/98	8:45:00	61.2	404.9	9.15	7.59	1.64	3
11/4/98	9:00:00	61.29	404.4	9.46	7.61	1.64	2.2
11/4/98	9:15:00	61.3	405.5	9.63	7.61	1.64	2.1
11/4/98	9:30:00	61.36	405.3	9.78	7.61	1.64	1.5
11/4/98	9:45:00	61.43	404.9	10.17	7.62	1.64	1.6
11/4/98	10:00:00	61.5	405.7	10.38	7.63	1.64	1.3
11/4/98	10:15:00	61.54	405.5	10.54	7.64	1.65	1
11/4/98	10:30:00	61.57	405.4	11.43	7.76	1.65	1.2
11/4/98	10:45:00	61.66	404.9	11.87	7.72	1.65	1.2
11/4/98	11:00:00	61.72	405.8	11.74	7.69	1.64	1
11/4/98	11:15:00	61.79	405.4	11.68	7.69	1.64	1.2
11/4/98	11:30:00	61.88	406.2	11.79	7.7	1.64	1.5
11/4/98	11:45:00	61.99	405.6	11.86	7.72	1.62	2
11/4/98	12:00:00	62.08	406.3	11.91	7.73	1.62	1.3
11/4/98	12:15:00	62.13	406.1	11.92	7.74	1.61	2.5
11/4/98	12:30:00	62.29	406.4	12.23	7.77	1.6	1.5
11/4/98	12:45:00	62.42	407	12.45	7.79	1.59	1.2
11/4/98	13:00:00	62.62	407.1	12.75	7.81	1.59	1.2
11/4/98	13:15:00	62.83	407.2	13.13	7.85	1.58	1.1
11/4/98	13:30:00	62.89	406.9	13.15	7.85	1.57	1.2
11/4/98	13:45:00	62.89	406.9	12.83	7.84	1.56	1.2

11/4/98	14:00:00	62.94	407.8	12.72	7.84	1.56	1.3
11/4/98	14:15:00	62.98	406.5	12.8	7.85	1.56	1.1
11/4/98	14:30:00	63	406.4	12.78	7.86	1.56	1.1
11/4/98	14:45:00	63.03	406.2	12.89	7.86	1.55	1.2
11/4/98	15:00:00	63	406.4	12.92	7.88	1.55	1.1
11/4/98	15:15:00	62.96	405.4	12.91	7.91	1.55	1.1
11/4/98	15:30:00	62.91	404.5	12.83	7.92	1.55	1.3
11/4/98	15:45:00	62.92	404.4	12.87	7.94	1.55	1.2
11/4/98	16:00:00	62.92	404.4	12.75	7.94	1.55	1.1
11/4/98	16:15:00	62.92	404.4	12.74	7.95	1.54	1.3
11/4/98	16:30:00	62.91	403.3	12.65	7.96	1.55	1.1
11/4/98	16:45:00	62.91	403.3	12.56	7.97	1.54	1.2
11/4/98	17:00:00	62.87	403.5	12.43	7.98	1.55	1.2
11/4/98	17:15:00	62.83	402.5	12.31	7.98	1.56	1.2
11/4/98	17:30:00	62.8	401.5	12.16	7.98	1.55	1.3
11/4/98	17:45:00	62.74	401.8	12.03	7.98	1.56	1.3
11/4/98	18:00:00	62.74	405.3	11.98	7.98	1.56	1.3
11/4/98	18:15:00	62.73	405.4	11.94	7.98	1.56	1.3
11/4/98	18:30:00	62.74	405.3	11.85	7.98	1.57	1.4
11/4/98	18:45:00	62.73	405.4	11.73	7.98	1.56	1.4
11/4/98	19:00:00	62.65	405.8	11.61	7.98	1.56	1.3
11/4/98	19:15:00	62.6	404.9	11.47	7.98	1.56	1.4
11/4/98	19:30:00	62.53	405.2	11.3	7.98	1.56	1.4
11/4/98	19:45:00	62.42	405.8	11.17	7.97	1.57	1.6
11/4/98	20:00:00	62.29	405.2	11.04	7.97	1.57	2
11/4/98	20:15:00	62.19	405.8	10.87	7.95	1.57	2
11/4/98	20:30:00	62.1	406.2	10.71	7.93	1.58	1.8
11/4/98	20:45:00	62.01	406.7	10.57	7.91	1.58	1.9
11/4/98	21:00:00	61.95	408.2	10.4	7.89	1.58	2.1
11/4/98	21:15:00	61.88	408.5	10.27	7.86	1.59	1.8
11/4/98	21:30:00	61.86	408.6	10.14	7.84	1.59	2.3
11/4/98	21:45:00	61.77	409.1	10.02	7.82	1.6	2.1
11/4/98	22:00:00	61.72	409.4	9.9	7.81	1.6	2.4
11/4/98	22:15:00	61.65	409.8	9.75	7.8	1.6	2.4
11/4/98	22:30:00	61.54	410.3	9.65	7.8	1.6	3.2
11/4/98	22:45:00	61.48	410.6	9.56	7.78	1.6	3.3
11/4/98	23:00:00	61.38	410	9.54	7.78	1.6	3.7
11/4/98	23:15:00	61.29	410.4	9.5	7.77	1.6	2.4
11/4/98	23:30:00	61.21	410.8	9.43	7.76	1.6	2.6
11/4/98	23:45:00	61.12	410.1	9.39	7.75	1.6	2.1
11/5/98	0:00:00	61.09	411.5	9.37	7.74	1.6	2.1
11/5/98	0:15:00	60.98	410.8	9.36	7.73	1.6	2
11/5/98	0:30:00	60.91	411.2	9.35	7.72	1.6	2
11/5/98	0:45:00	60.82	411.7	9.32	7.72	1.6	2.6
11/5/98	1:00:00	60.75	410.9	9.27	7.71	1.59	2.3
11/5/98	1:15:00	60.67	411.2	9.26	7.7	1.59	3.6
11/5/98	1:30:00	60.58	411.7	9.21	7.69	1.59	3.7
11/5/98	1:45:00	60.49	411	9.16	7.69	1.59	3.8
11/5/98	2:00:00	60.4	411.5	9.19	7.68	1.59	2.3

11/5/98	2:15:00	60.31	411.9	9.18	7.68	1.59	1.9
11/5/98	2:30:00	60.22	411.2	9.14	7.67	1.58	1.9
11/5/98	2:45:00	60.15	411.6	9.11	7.66	1.58	1.7
11/5/98	3:00:00	60.1	411.9	9.11	7.66	1.58	1.6
11/5/98	3:15:00	60.04	412.2	9.07	7.65	1.58	1.9
11/5/98	3:30:00	59.99	412.4	9.01	7.65	1.58	2
11/5/98	3:45:00	59.92	412.8	8.94	7.64	1.58	2.9
11/5/98	4:00:00	59.83	412.1	8.94	7.64	1.58	5.2
11/5/98	4:15:00	59.72	412.7	8.9	7.63	1.58	2.2
11/5/98	4:30:00	59.65	413.1	8.89	7.63	1.58	1.8
11/5/98	4:45:00	59.56	413.5	8.86	7.62	1.58	2.2
11/5/98	5:00:00	59.49	413.9	8.9	7.61	1.58	2.8
11/5/98	5:15:00	59.4	413.2	8.88	7.61	1.59	2
11/5/98	5:30:00	59.29	413.8	8.87	7.61	1.58	2.3
11/5/98	5:45:00	59.2	414.3	8.86	7.6	1.59	2.1
11/5/98	6:00:00	59.13	414.6	8.86	7.6	1.6	1.8
11/5/98	6:15:00	59.09	414.8	8.83	7.59	1.6	1.7
11/5/98	6:30:00	59.02	415.2	8.82	7.59	1.6	2.1
11/5/98	6:45:00	58.95	415.6	8.83	7.59	1.6	2.3
11/5/98	7:00:00	58.93	415.7	8.91	7.59	1.6	1.6
11/5/98	7:15:00	58.86	416.1	9.02	7.59	1.6	1.7
11/5/98	7:30:00	58.86	416.1	9.2	7.6	1.61	2.2
11/5/98	7:45:00	58.87	416	9.34	7.6	1.61	2.1
11/5/98	8:00:00	58.82	416.3	9.5	7.61	1.61	1.9
11/5/98	8:15:00	58.91	417.1	9.62	7.61	1.62	1.8
11/5/98	8:30:00	59.02	417.7	9.8	7.61	1.62	1.7
11/5/98	8:45:00	59.04	417.6	9.94	7.62	1.63	1.9
11/5/98	9:00:00	59.14	418.2	10.08	7.63	1.63	1.7
11/5/98	9:15:00	59.25	418.9	10.25	7.63	1.63	1.7
11/5/98	9:30:00	59.31	418.6	10.38	7.64	1.63	1.7
11/5/98	9:45:00	59.34	418.4	10.53	7.66	1.63	1.8
11/5/98	10:00:00	59.45	417.8	10.73	7.67	1.63	1.7
11/5/98	10:15:00	59.61	419.4	10.89	7.68	1.63	1.8
11/5/98	10:30:00	59.76	418.6	11.06	7.69	1.64	1.8
11/5/98	10:45:00	59.88	420.4	11.25	7.7	1.63	1.6
11/5/98	11:00:00	60.01	419.7	11.43	7.71	1.63	1.8
11/5/98	11:15:00	60.13	420.2	11.59	7.72	1.62	1.7
11/5/98	11:30:00	60.28	420.6	11.76	7.73	1.62	1.6
11/5/98	11:45:00	60.42	421.1	11.89	7.74	1.61	1.7
11/5/98	12:00:00	60.53	420.5	12.06	7.75	1.6	1.7
11/5/98	12:15:00	60.64	421.1	12.22	7.77	1.59	1.8
11/5/98	12:30:00	60.76	421.6	12.34	7.78	1.59	1.7
11/5/98	12:45:00	60.96	423	12.52	7.79	1.58	1.4
11/5/98	13:00:00	61.05	422.5	12.67	7.81	1.58	2
11/5/98	13:15:00	61.16	421.9	12.82	7.82	1.57	2
11/5/98	13:30:00	61.27	422.5	12.84	7.84	1.57	2.4
11/5/98	13:45:00	61.41	423	12.93	7.85	1.56	2.7
11/5/98	14:00:00	61.54	423.5	13	7.86	1.56	3
11/5/98	14:15:00	61.63	423	13.07	7.87	1.56	1.6

11/5/98	14:30:00	61.66	422.8	13.13	7.89	1.55	1.6
11/5/98	14:45:00	61.75	423.5	13.15	7.9	1.56	549.8
11/5/98	15:00:00	61.81	423.2	13.19	7.91	1.56	122.2
11/5/98	15:15:00	61.92	423.8	13.12	7.9	1.55	2.9
11/5/98	15:30:00	61.97	423.5	13.14	7.91	1.55	1.6
11/5/98	15:45:00	62.01	423.4	13.08	7.92	1.55	1.4
11/5/98	16:00:00	61.99	423.5	12.99	7.92	1.55	1.6
11/5/98	16:15:00	62.01	423.4	12.93	7.93	1.55	1.7
11/5/98	16:30:00	61.97	422.4	12.79	7.93	1.55	1.5
11/5/98	16:45:00	62.02	422.1	12.64	7.93	1.55	1.3
11/5/98	17:00:00	62.01	422.2	12.5	7.94	1.55	1.3
11/5/98	17:15:00	62.02	422.1	12.32	7.94	1.56	1.2
11/5/98	17:30:00	62.01	422.2	12.38	7.94	1.56	1.4
11/5/98	17:45:00	61.99	422.3	12.17	7.95	1.56	1.4
11/5/98	18:00:00	62.01	422.2	12.12	7.95	1.56	1.5
11/5/98	18:15:00	61.9	420.4	12.26	7.96	1.57	1.4
11/5/98	18:30:00	61.83	420.7	12.11	7.97	1.57	1.3
11/5/98	18:45:00	61.74	420	11.93	7.97	1.57	1.6
11/5/98	19:00:00	61.7	420.2	11.8	7.97	1.57	1.4
11/5/98	19:15:00	61.65	420.5	11.62	7.97	1.57	6.2
11/5/98	19:30:00	61.56	419.8	11.46	7.96	1.58	1
11/5/98	19:45:00	61.5	420.1	11.35	7.96	1.58	1.6
11/5/98	20:00:00	61.43	420.5	11.31	7.94	1.58	1.1
11/5/98	20:15:00	61.38	422	11.07	7.93	1.58	1.3
11/5/98	20:30:00	61.3	422.3	10.9	7.92	1.58	1.3
11/5/98	20:45:00	61.23	422.7	10.69	7.9	1.58	1.2
11/5/98	21:00:00	61.14	423.2	10.56	7.89	1.59	1.3
11/5/98	21:15:00	61.11	423.4	10.44	7.87	1.59	1.5
11/5/98	21:30:00	61.02	423.9	10.37	7.86	1.59	1.6
11/5/98	21:45:00	60.94	424.3	10.17	7.85	1.59	1.6
11/5/98	22:00:00	60.89	424.6	10.11	7.83	1.59	1.6
11/5/98	22:15:00	60.78	425.2	9.99	7.82	1.59	1.6
11/5/98	22:30:00	60.71	425.6	9.83	7.81	1.58	1.8
11/5/98	22:45:00	60.62	424.8	9.73	7.8	1.58	1.9
11/5/98	23:00:00	60.55	425.2	9.66	7.79	1.58	1.7
11/5/98	23:15:00	60.44	425.8	9.59	7.79	1.58	2.1
11/5/98	23:30:00	60.39	426.1	9.48	7.79	1.59	1.8
11/5/98	23:45:00	60.28	426.7	9.42	7.78	1.58	2.4
11/6/98	0:00:00	60.21	427.1	9.41	7.77	1.59	2.2
11/6/98	0:15:00	60.12	426.4	9.39	7.76	1.62	9.3
11/6/98	0:30:00	59.99	427.1	9.37	7.74	1.62	3.7
11/6/98	0:45:00	59.95	427.3	9.31	7.74	1.62	2.9
11/6/98	1:00:00	59.79	427	9.34	7.74	1.62	2.6
11/6/98	1:15:00	59.72	427.4	9.31	7.74	1.62	2.4
11/6/98	1:30:00	59.63	426.6	9.32	7.74	1.62	2.8
11/6/98	1:45:00	59.59	426.8	9.22	7.74	1.61	2.6
11/6/98	2:00:00	59.5	427.3	9.24	7.72	1.6	2.5
11/6/98	2:15:00	59.45	427.6	9.23	7.71	1.61	2.5
11/6/98	2:30:00	59.38	428	9.19	7.7	1.61	2

11/6/98	2:45:00	59.32	427.1	9.18	7.69	1.6	1.9
11/6/98	3:00:00	59.18	427.9	9.2	7.68	1.6	1.8
11/6/98	3:15:00	59.13	428.2	9.16	7.68	1.6	1.9
11/6/98	3:30:00	59.09	428.4	9.15	7.67	1.6	1.9
11/6/98	3:45:00	59.05	428.6	9.14	7.66	1.6	2.3
11/6/98	4:00:00	59.04	428.7	9.13	7.65	1.59	1.9
11/6/98	4:15:00	59.02	428.8	9.12	7.65	1.6	2.2
11/6/98	4:30:00	59	428.9	9.11	7.64	1.6	2.1
11/6/98	4:45:00	58.98	429	9.11	7.63	1.6	2.2
11/6/98	5:00:00	58.93	429.3	9.1	7.63	1.6	2.1
11/6/98	5:15:00	58.87	429.6	9.13	7.62	1.59	2.2
11/6/98	5:30:00	58.84	429.8	9.14	7.62	1.59	2.3
11/6/98	5:45:00	58.77	430.2	9.16	7.61	1.57	3.4
11/6/98	6:00:00	58.73	430.4	9.15	7.61	1.58	2.6
11/6/98	6:15:00	58.68	429.5	9.17	7.61	1.58	2.5
11/6/98	6:30:00	58.64	429.7	9.23	7.6	1.58	2.2
11/6/98	6:45:00	58.69	430.7	9.22	7.6	1.58	2.1
11/6/98	7:00:00	58.69	430.7	9.27	7.6	1.58	2
11/6/98	7:15:00	58.71	430.6	9.31	7.6	1.58	2
11/6/98	7:30:00	58.69	429.4	9.33	7.61	1.58	2.9
11/6/98	7:45:00	58.66	428.4	9.41	7.61	1.59	2.8
11/6/98	8:00:00	58.62	428.6	9.46	7.61	1.59	2.9
11/6/98	8:15:00	58.66	428.4	9.85	7.63	1.59	2.4
11/6/98	8:30:00	58.77	429	10.2	7.65	1.59	2.5
11/6/98	8:45:00	58.82	428.7	10.3	7.65	1.59	3.2
11/6/98	9:00:00	58.82	428.7	10.61	7.67	1.6	2.4
11/6/98	9:15:00	58.87	428.4	10.9	7.68	1.59	2.1
11/6/98	9:30:00	58.95	429.2	10.91	7.68	1.59	2.1
11/6/98	9:45:00	59.07	428.5	11.21	7.7	1.59	1.9
11/6/98	10:00:00	59.16	429.2	11.36	7.7	1.58	2.2
11/6/98	10:15:00	59.2	429	11.6	7.71	1.58	2
11/6/98	10:30:00	59.38	429.3	12.02	7.73	1.59	2
11/6/98	10:45:00	59.49	428.7	12.05	7.74	1.59	2.1
11/6/98	11:00:00	59.63	429.1	12.2	7.75	1.59	1.8
11/6/98	11:15:00	59.79	429.4	12.53	7.77	1.58	1.9
11/6/98	11:30:00	59.81	429.3	12.06	7.74	1.59	2.1
11/6/98	11:45:00	59.92	429.9	12.15	7.74	1.58	2.2
11/6/98	12:00:00	60.1	428.9	12.69	7.78	1.57	2.4
11/6/98	12:15:00	60.13	428.7	12.55	7.78	1.57	2.5
11/6/98	12:30:00	60.15	429.8	12.51	7.78	1.57	2.5
11/6/98	12:45:00	60.1	428.9	12.51	7.79	1.57	2.8
11/6/98	13:00:00	60.22	428.2	13.17	7.84	1.57	2.2
11/6/98	13:15:00	60.42	428.4	13.69	7.88	1.56	2.2
11/6/98	13:30:00	60.53	427.8	14.04	7.91	1.57	2.6
11/6/98	13:45:00	60.62	427.3	14.11	7.93	1.56	2.2
11/6/98	14:00:00	60.53	427.8	13.65	7.91	1.57	2.2
11/6/98	14:15:00	60.37	426.2	13.25	7.89	1.58	2.1
11/6/98	14:30:00	60.28	425.5	13.53	7.93	1.59	2.3
11/6/98	14:45:00	60.01	422.1	14.16	8.01	1.61	2.6

11/6/98	15:00:00	59.63	415.6	14.93	8.13	1.64	2.8
11/6/98	15:15:00	59.16	410.7	15.33	8.23	1.68	4.3
11/6/98	15:30:00	58.98	408	15.21	8.26	1.71	4
11/6/98	15:45:00	58.8	406.5	15.12	8.3	1.74	6.6
11/6/98	16:00:00	58.77	405.4	14.96	8.31	1.75	6.5
11/6/98	16:15:00	58.75	404.3	14.77	8.31	1.75	5
11/6/98	16:30:00	58.73	404.4	14.52	8.29	1.76	4.8
11/6/98	16:45:00	58.71	404.5	14.29	8.27	1.76	4.2
11/6/98	17:00:00	58.77	404.2	14.03	8.26	1.61	4
11/6/98	17:15:00	58.82	405.2	13.75	8.24	1.61	4.5
11/6/98	17:30:00	58.87	404.9	13.54	8.22	1.61	4.4
11/6/98	17:45:00	58.89	403.5	13.31	8.2	1.61	4.3
11/6/98	18:00:00	58.89	403.5	13.09	8.17	1.61	4.7
11/6/98	18:15:00	58.86	403.7	12.79	8.13	1.61	4.7
11/6/98	18:30:00	58.82	402.7	12.53	8.1	1.62	6.6
11/6/98	18:45:00	58.82	402.7	12.24	8.06	1.61	7.1
11/6/98	19:00:00	58.78	402.9	11.97	8.02	1.61	5.9
11/6/98	19:15:00	58.69	403.3	11.81	8	1.61	6.1
11/6/98	19:30:00	58.66	403.5	11.54	7.96	1.61	5.5
11/6/98	19:45:00	58.6	403.8	11.33	7.93	1.61	5.5
11/6/98	20:00:00	58.62	405	11.12	7.9	1.61	5.6
11/6/98	20:15:00	58.59	405.2	10.93	7.88	1.61	5.3
11/6/98	20:30:00	58.53	405.5	10.78	7.86	1.61	5
11/6/98	20:45:00	58.48	404.5	10.68	7.85	1.61	4.8
11/6/98	21:00:00	58.46	404.6	10.59	7.83	1.6	4.6
11/6/98	21:15:00	58.46	404.6	10.41	7.81	1.6	4.3
11/6/98	21:30:00	58.42	404.8	10.35	7.8	1.6	4.2
11/6/98	21:45:00	58.37	403.8	10.24	7.79	1.6	4
11/6/98	22:00:00	58.21	402.2	10.28	7.79	1.6	4
11/6/98	22:15:00	58.26	403.2	10.11	7.77	1.6	3.8
11/6/98	22:30:00	58.17	401.1	10.03	7.77	1.6	3.7
11/6/98	22:45:00	58.12	401.4	9.95	7.76	1.6	3.7
11/6/98	23:00:00	58.12	400.2	9.84	7.75	1.6	3.6
11/6/98	23:15:00	58.06	399.2	9.81	7.74	1.59	3.6
11/6/98	23:30:00	57.88	396.4	9.83	7.75	1.59	3.7
11/6/98	23:45:00	57.94	396.1	9.74	7.73	1.59	3.6
11/7/98	0:00:00	57.92	395	9.66	7.72	1.59	3.9
11/7/98	0:15:00	57.9	393.8	9.61	7.71	1.59	3.7
11/7/98	0:30:00	57.92	392.5	9.55	7.71	1.58	3.5
11/7/98	0:45:00	57.88	391.4	9.54	7.7	1.58	3.7
11/7/98	1:00:00	57.92	391.2	9.49	7.7	1.57	3.6
11/7/98	1:15:00	57.92	389.9	9.46	7.69	1.56	3.4
11/7/98	1:30:00	57.9	388.8	9.44	7.68	1.55	3.4
11/7/98	1:45:00	57.92	388.7	9.39	7.67	1.54	3.5
11/7/98	2:00:00	57.9	387.5	9.35	7.67	1.53	3.4
11/7/98	2:15:00	57.92	387.4	9.35	7.66	1.52	3.3
11/7/98	2:30:00	57.96	387.3	9.27	7.65	1.51	3.7
11/7/98	2:45:00	57.87	385.2	9.28	7.66	1.5	3.4
11/7/98	3:00:00	57.83	384.1	9.24	7.65	1.5	3.6

11/7/98	3:15:00	57.72	380.9	9.2	7.65	1.5	3.7
11/7/98	3:30:00	57.6	379	9.18	7.65	1.51	4.6
11/7/98	3:45:00	57.4	375	9.16	7.66	1.51	5
11/7/98	4:00:00	57.09	370.2	9.18	7.67	1.46	5.6
11/7/98	4:15:00	56.32	358.7	9.26	7.71	1.55	13.5
11/7/98	4:30:00	55.38	343.9	9.38	7.75	1.63	27.9
11/7/98	4:45:00	54.95	330.3	9.43	7.76	1.68	44.3
11/7/98	5:00:00	54.84	315.1	9.37	7.75	1.72	54.2
11/7/98	5:15:00	54.82	296.9	9.42	7.73	1.76	62.2
11/7/98	5:30:00	54.81	281.2	9.46	7.71	1.81	70.5
11/7/98	5:45:00	54.77	264.4	9.55	7.69	1.91	80
11/7/98	6:00:00	54.86	244.4	9.66	7.66	2.06	106.3
11/7/98	6:15:00	54.99	217.9	9.8	7.63	2.17	136.4
11/7/98	6:30:00	54.91	184.2	10.07	7.61	2.45	171.7
11/7/98	6:45:00	54.84	156.9	10.31	7.58	2.6	184.7
11/7/98	7:00:00	54.84	138.6	10.5	7.54	2.04	177.1
11/7/98	7:15:00	54.82	121.6	10.6	7.53	2.18	168.1
11/7/98	7:30:00	54.79	109.9	10.7	7.5	2.52	159.4
11/7/98	7:45:00	54.79	102.1	10.77	7.5	2.88	144.8
11/7/98	8:00:00	54.77	98.2	10.83	7.49	2.98	148.8
11/7/98	8:15:00	54.77	95.5	10.89	7.48	2.99	115.2
11/7/98	8:30:00	54.79	92.9	10.92	7.46	3.11	128.7
11/7/98	8:45:00	54.81	92.9	10.93	7.46	2.98	94.7
11/7/98	9:00:00	54.86	92.8	10.93	7.46	3.08	84.4
11/7/98	9:15:00	54.91	92.7	10.92	7.45	3	79
11/7/98	9:30:00	54.99	93.9	10.91	7.46	2.77	75
11/7/98	9:45:00	55.04	96.5	10.87	7.46	2.92	71.2
11/7/98	10:00:00	55.11	100.3	10.83	7.46	2.79	64.8
11/7/98	10:15:00	55.17	104.1	10.84	7.48	2.97	62.4
11/7/98	10:30:00	55.2	108	10.8	7.49	2.82	59.6
11/7/98	10:45:00	55.27	114.4	10.78	7.5	2.66	55.4
11/7/98	11:00:00	55.31	118.2	10.77	7.51	2.54	53.3
11/7/98	11:15:00	55.38	122	10.82	7.5	2.19	50.9
11/7/98	11:30:00	55.49	125.7	10.86	7.51	2.51	50.4
11/7/98	11:45:00	55.62	126.8	10.77	7.52	2.43	48.6
11/7/98	12:00:00	55.8	126.5	10.72	7.51	2.12	48.5
11/7/98	12:15:00	55.99	127.4	10.71	7.5	1.98	47.5
11/7/98	12:30:00	56.21	128.3	10.68	7.51	2.17	46.4
11/7/98	12:45:00	56.44	129.2	10.65	7.5	2.1	44.9
11/7/98	13:00:00	56.71	130	10.65	7.5	2.08	43.6
11/7/98	13:15:00	56.95	130.8	10.64	7.51	2.12	43.5
11/7/98	13:30:00	57.2	134.2	10.68	7.5	2.08	42
11/7/98	13:45:00	57.45	135	10.67	7.51	2	40
11/7/98	14:00:00	57.67	138.4	10.7	7.51	1.98	40
11/7/98	14:15:00	57.85	140.6	10.76	7.52	1.92	39.2
11/7/98	14:30:00	57.92	141.7	10.77	7.53	1.88	39.5
11/7/98	14:45:00	58.01	144	10.78	7.54	1.86	38.1
11/7/98	15:00:00	58.03	147.7	10.75	7.54	1.86	37.6
11/7/98	15:15:00	57.99	150.3	10.76	7.55	1.83	36.8

11/7/98	15:30:00	57.96	152.9	10.74	7.55	1.79	36.5
11/7/98	15:45:00	57.9	155.5	10.78	7.55	1.78	35.5
11/7/98	16:00:00	57.83	158.2	10.71	7.56	1.79	35.9
11/7/98	16:15:00	57.72	160.9	10.67	7.55	1.8	33.4
11/7/98	16:30:00	57.6	163.7	10.65	7.55	1.8	32.8
11/7/98	16:45:00	57.49	166.5	10.61	7.54	1.8	32.4
11/7/98	17:00:00	57.36	168	10.56	7.54	1.83	32.7
11/7/98	17:15:00	57.24	170.8	10.52	7.53	1.82	32.5
11/7/98	17:30:00	57.11	172.4	10.48	7.52	1.85	32.2
11/7/98	17:45:00	57	175.2	10.4	7.52	1.82	31.5
11/7/98	18:00:00	56.88	176.7	10.39	7.51	1.83	31.7
11/7/98	18:15:00	56.77	179.5	10.35	7.51	1.84	31.1
11/7/98	18:30:00	56.62	181.2	10.31	7.5	1.85	31.9
11/7/98	18:45:00	56.5	182.8	10.28	7.5	1.88	31.2
11/7/98	19:00:00	56.35	184.4	10.24	7.49	1.88	31.2
11/7/98	19:15:00	56.23	184.7	10.26	7.49	1.9	31.2
11/7/98	19:30:00	56.07	185.1	10.24	7.49	1.9	31.6
11/7/98	19:45:00	55.96	186.7	10.23	7.49	1.92	30.7
11/7/98	20:00:00	55.87	188.2	10.19	7.49	1.91	30.7
11/7/98	20:15:00	55.76	188.5	10.16	7.48	1.91	30.9
11/7/98	20:30:00	55.69	190	10.16	7.48	1.91	30.5
11/7/98	20:45:00	55.58	191.5	10.17	7.48	1.92	30.4
11/7/98	21:00:00	55.51	193	10.17	7.48	1.93	30.3
11/7/98	21:15:00	55.45	194.5	10.16	7.48	1.94	29.8
11/7/98	21:30:00	55.38	197.2	10.14	7.48	1.94	30.1
11/7/98	21:45:00	55.33	197.4	10.1	7.48	1.94	29.6
11/7/98	22:00:00	55.27	200.1	10.13	7.48	1.94	30.1
11/7/98	22:15:00	55.22	201.6	10.09	7.48	1.94	29.6
11/7/98	22:30:00	55.17	203	10.06	7.48	1.94	29.2
11/7/98	22:45:00	55.13	204.4	10.08	7.48	1.94	29.1
11/7/98	23:00:00	55.09	205.8	10.06	7.48	1.94	28.8
11/7/98	23:15:00	55.06	207.3	10.08	7.48	1.93	28
11/7/98	23:30:00	55.04	208.6	10.03	7.48	1.93	27.7
11/7/98	23:45:00	54.99	211.4	10.02	7.48	1.92	27
11/8/98	0:00:00	54.97	212.7	10.01	7.48	1.92	26.6
11/8/98	0:15:00	54.95	214.1	9.99	7.48	1.92	27
11/8/98	0:30:00	54.91	215.5	10	7.47	1.92	25.9
11/8/98	0:45:00	54.9	218.2	9.98	7.47	1.91	25.7
11/8/98	1:00:00	54.86	218.3	10.01	7.47	1.91	25.2
11/8/98	1:15:00	54.84	220.9	9.97	7.47	1.9	25.2
11/8/98	1:30:00	54.84	222.3	9.96	7.47	1.89	24.4
11/8/98	1:45:00	54.82	223.6	9.97	7.47	1.9	24.1
11/8/98	2:00:00	54.82	226.2	9.96	7.47	1.89	23.4
11/8/98	2:15:00	54.81	227.6	9.95	7.47	1.89	22.8
11/8/98	2:30:00	54.79	229	9.93	7.46	1.88	22.8
11/8/98	2:45:00	54.79	230.3	9.91	7.46	1.89	22.3
11/8/98	3:00:00	54.79	231.6	9.91	7.46	1.88	21.9
11/8/98	3:15:00	54.77	234.3	9.86	7.46	1.88	21.6
11/8/98	3:30:00	54.77	235.6	9.86	7.46	1.88	21.1



11/8/98	3:45:00	54.75	236.9	9.85	7.46	1.88	20.7
11/8/98	4:00:00	54.73	238.3	9.85	7.46	1.88	20.2
11/8/98	4:15:00	54.7	239.7	9.89	7.45	1.88	20.1
11/8/98	4:30:00	54.66	241.2	9.83	7.45	1.88	19.6
11/8/98	4:45:00	54.66	242.5	9.82	7.45	1.88	19.2
11/8/98	5:00:00	54.64	243.8	9.84	7.45	1.88	19.2
11/8/98	5:15:00	54.63	245.2	9.85	7.45	1.88	18.6
11/8/98	5:30:00	54.61	246.6	9.89	7.45	1.87	18.1
11/8/98	5:45:00	54.61	247.9	9.84	7.44	1.87	18
11/8/98	6:00:00	54.59	249.3	9.86	7.44	1.87	17.4
11/8/98	6:15:00	54.59	250.6	9.84	7.44	1.87	17.2
11/8/98	6:30:00	54.61	251.8	9.79	7.44	1.87	16.7
11/8/98	6:45:00	54.59	253.2	9.82	7.44	1.86	16.5
11/8/98	7:00:00	54.59	254.5	9.82	7.44	1.86	16
11/8/98	7:15:00	54.59	254.5	9.83	7.44	1.86	15.8
11/8/98	7:30:00	54.61	255.8	9.79	7.44	1.87	15.2
11/8/98	7:45:00	54.64	257	9.81	7.44	1.88	15.5
11/8/98	8:00:00	54.7	258.1	9.83	7.44	1.87	14.9
11/8/98	8:15:00	54.73	259.3	9.83	7.45	1.88	14.4
11/8/98	8:30:00	54.81	260.3	9.72	7.45	1.88	14.6
11/8/98	8:45:00	54.9	261.3	9.74	7.45	1.88	14.4
11/8/98	9:00:00	55.02	262.1	9.78	7.45	1.88	13.9
11/8/98	9:15:00	55.09	263.2	9.81	7.45	1.87	13.8
11/8/98	9:30:00	56.48	283.8	9.12	7.39	1.9	12.7
11/8/98	9:45:00	59.47	329.3	7.57	7.3	1.91	12.7
11/8/98	10:00:00	59.92	335.9	7.43	7.29	1.91	964
11/8/98	10:15:00	60.19	337.1	7.42	7.29	1.91	10.2
11/8/98	10:30:00	60.49	340.7	7.44	7.29	1.91	9.8
11/8/98	10:45:00	60.57	340.4	7.52	7.3	1.92	9.2
11/8/98	11:00:00	60.69	342.2	7.48	7.3	1.92	9.2
11/8/98	11:15:00	60.8	343	7.48	7.3	1.92	8.7
11/8/98	11:30:00	60.93	343.6	7.54	7.3	1.9	9
11/8/98	11:45:00	61.18	344.9	7.54	7.31	1.9	8.4
11/8/98	12:00:00	61.3	345.6	7.69	7.32	1.89	8.4
11/8/98	12:15:00	61.47	346	7.79	7.32	1.89	8
11/8/98	12:30:00	61.68	347.5	7.9	7.33	1.88	8.1
11/8/98	12:45:00	61.79	348.2	7.86	7.33	1.88	7.6
11/8/98	13:00:00	61.81	349.3	7.82	7.33	1.87	7.6
11/8/98	13:15:00	61.88	350.2	7.71	7.33	1.89	7.6
11/8/98	13:30:00	61.88	349	8.09	7.39	1.89	16.5
11/8/98	13:45:00	61.54	349.3	8.61	7.5	1.89	24.6
11/8/98	14:00:00	61.23	348.3	8.8	7.54	1.89	25.8
11/8/98	14:15:00	61.52	351.8	8.55	7.49	1.9	22.6
11/8/98	14:30:00	61.84	352.7	8.43	7.44	1.9	20
11/8/98	14:45:00	61.95	353.4	8.39	7.44	1.89	19.8
11/8/98	15:00:00	62.04	354.2	8.4	7.44	1.89	20.4
11/8/98	15:15:00	62.06	355.3	8.41	7.44	1.89	18.4
11/8/98	15:30:00	62.04	356.6	8.31	7.44	1.89	17.7
11/8/98	15:45:00	62.02	357.9	8.27	7.44	1.89	17.2

11/8/98	16:00:00	62.01	358	8.4	7.44	1.89	17.8
11/8/98	16:15:00	62.01	359.1	8.29	7.44	1.89	17
11/8/98	16:30:00	62.02	360.2	8.21	7.44	1.89	16.9
11/8/98	16:45:00	62.02	361.4	8.14	7.44	1.89	16.9
11/8/98	17:00:00	62.01	361.5	8.11	7.44	1.9	16.8
11/8/98	17:15:00	61.97	361.7	8.06	7.44	1.91	16.3
11/8/98	17:30:00	61.97	362.9	8.07	7.44	1.91	16.5
11/8/98	17:45:00	61.95	363	8.15	7.44	1.92	16.4
11/8/98	18:00:00	61.9	364.4	8.02	7.44	1.92	16.2
11/8/98	18:15:00	61.84	363.5	7.97	7.44	1.93	16.6
11/8/98	18:30:00	61.41	357.1	8.18	7.45	1.96	16.4
11/8/98	18:45:00	59.22	319.2	9.25	7.57	2.02	18.2
11/8/98	19:00:00	57.42	291.6	10.01	7.69	2.01	23.1
11/8/98	19:15:00	56.82	282.5	10.23	7.7	1.99	25.9
11/8/98	19:30:00	56.55	278.4	10.26	7.7	2	24.8
11/8/98	19:45:00	56.53	279.8	10.24	7.71	2.02	24.6
11/8/98	20:00:00	56.53	282.3	10.11	7.7	2.01	22.2
11/8/98	20:15:00	56.64	285.7	10.05	7.7	2	21.9
11/8/98	20:30:00	56.71	286.7	9.97	7.69	2.02	20.7
11/8/98	20:45:00	56.8	288.9	9.81	7.67	2.03	20.5
11/8/98	21:00:00	56.89	289.8	9.7	7.66	2.05	20.2
11/8/98	21:15:00	56.98	289.5	9.57	7.64	2.1	19.8
11/8/98	21:30:00	57.06	289.2	9.46	7.63	2.12	20.5
11/8/98	21:45:00	57.13	288.9	9.36	7.61	2.14	21.8
11/8/98	22:00:00	57.2	287.4	9.23	7.6	2.14	22.4
11/8/98	22:15:00	57.18	287.4	9.16	7.58	2.14	23.3
11/8/98	22:30:00	57.22	287.3	9.01	7.57	2.15	24.7
11/8/98	22:45:00	57.25	287.2	8.94	7.55	2.16	25.3
11/8/98	23:00:00	57.25	288.4	8.89	7.55	2.16	26.3
11/8/98	23:15:00	57.31	289.5	8.85	7.54	2.16	26.7
11/8/98	23:30:00	57.38	290.5	8.79	7.53	2.16	26.6
11/8/98	23:45:00	57.43	292.8	8.73	7.53	2.17	27.2
11/9/98	0:00:00	57.45	294	8.62	7.52	2.17	27.2
11/9/98	0:15:00	57.49	293.8	8.62	7.52	2.17	27
11/9/98	0:30:00	57.52	296.2	8.54	7.51	2.18	27
11/9/98	0:45:00	57.58	297.3	8.48	7.5	2.17	26.7
11/9/98	1:00:00	57.6	298.5	8.41	7.5	2.18	27
11/9/98	1:15:00	57.67	299.4	8.38	7.49	2.17	26
11/9/98	1:30:00	57.69	300.6	8.38	7.48	2.18	25.5
11/9/98	1:45:00	57.72	300.5	8.29	7.48	2.18	25.5
11/9/98	2:00:00	57.78	302.8	8.26	7.47	2.19	24.9
11/9/98	2:15:00	57.79	302.7	8.2	7.47	2.19	26.1
11/9/98	2:30:00	57.81	303.9	8.15	7.47	2.19	24.3
11/9/98	2:45:00	57.81	303.9	8.13	7.46	2.2	25.2
11/9/98	3:00:00	57.79	305.2	8.12	7.46	2.2	24.7
11/9/98	3:15:00	57.78	305.3	8.12	7.46	2.2	24.3
11/9/98	3:30:00	57.78	305.3	8.1	7.46	2.2	24
11/9/98	3:45:00	57.76	305.3	8.16	7.45	2.2	24.2
11/9/98	4:00:00	57.78	306.5	8.1	7.45	2.2	23.8

11/9/98	4:15:00	57.74	306.7	8.19	7.45	2.21	24.1
11/9/98	4:30:00	57.76	306.6	8.17	7.45	2.21	24.1
11/9/98	4:45:00	57.78	307.8	8.13	7.44	2.22	24.6
11/9/98	5:00:00	57.76	307.9	8.13	7.44	2.22	23.9
11/9/98	5:15:00	57.76	307.9	8.14	7.44	2.23	24.8
11/9/98	5:30:00	57.81	310.1	8.19	7.44	2.23	24.6
11/9/98	5:45:00	57.83	311.3	8.2	7.44	2.23	24.7
11/9/98	6:00:00	57.88	312.4	8.22	7.43	2.24	24.4
11/9/98	6:15:00	57.9	313.5	8.23	7.43	2.24	25.4
11/9/98	6:30:00	57.94	314.6	8.25	7.43	2.24	24.2
11/9/98	6:45:00	57.99	316.9	8.22	7.43	2.25	24.7
11/9/98	7:00:00	58.01	318.1	8.31	7.43	2.25	24.7
11/9/98	7:15:00	58.05	319.2	8.31	7.43	2.26	24.6
11/9/98	7:30:00	58.08	320.3	8.35	7.43	2.27	23.9
11/9/98	7:45:00	58.15	322.5	8.31	7.43	2.27	23.5
11/9/98	8:00:00	58.21	323.5	8.39	7.43	2.27	23.2
11/9/98	8:15:00	58.26	324.5	8.39	7.44	2.28	23.7
11/9/98	8:30:00	58.37	326.6	8.41	7.43	2.28	23.2
11/9/98	8:45:00	58.44	327.5	8.47	7.44	2.28	23.5
11/9/98	9:00:00	58.57	329.4	8.6	7.44	2.29	24
11/9/98	9:15:00	58.68	330.2	8.59	7.44	2.29	24.3
11/9/98	9:30:00	58.75	331.1	8.63	7.44	2.29	22.9
11/9/98	9:45:00	58.86	333.1	8.69	7.44	2.29	22.9
11/9/98	10:00:00	59.02	333.7	8.72	7.44	2.29	21.8
11/9/98	10:15:00	59.13	334.4	8.77	7.45	2.29	22.2
11/9/98	10:30:00	59.31	336.1	8.8	7.45	2.29	22.8
11/9/98	10:45:00	59.43	338	8.84	7.46	2.29	22.4
11/9/98	11:00:00	59.58	338.6	8.89	7.46	2.3	23.1
11/9/98	11:15:00	59.74	340.3	9	7.46	2.29	23.4
11/9/98	11:30:00	59.92	340.8	8.88	7.46	2.29	22.9
11/9/98	11:45:00	60.04	341.4	8.94	7.47	2.28	23.1
11/9/98	12:00:00	60.24	343	9.04	7.47	2.28	22.6
11/9/98	12:15:00	60.4	343.5	9.14	7.48	2.27	22.4
11/9/98	12:30:00	60.57	345.2	9.15	7.48	2.26	21.7
11/9/98	12:45:00	60.71	345.8	9.21	7.48	2.25	22
11/9/98	13:00:00	60.87	346.3	9.24	7.49	2.24	21.5
11/9/98	13:15:00	61.07	346.6	9.29	7.49	2.24	21.9
11/9/98	13:30:00	61.2	347.2	9.25	7.5	2.23	22.2
11/9/98	13:45:00	61.34	349	9.28	7.5	2.23	21.8
11/9/98	14:00:00	62.22	346.3	9.05	7.39	2.23	11.9
11/9/98	14:15:00	62.73	348.8	8.89	7.37	2.23	9.4
11/9/98	14:30:00	62.91	349.2	9.08	7.36	2.23	9.5
11/9/98	14:45:00	63.25	352.4	9.01	7.35	2.22	8.2
11/9/98	15:00:00	63.34	353.2	9.02	7.36	2.22	8.1
11/9/98	15:15:00	63.43	354	9.05	7.36	2.22	7.8
11/9/98	15:30:00	63.59	354.4	9.04	7.36	2.22	7.5
11/9/98	15:45:00	63.66	354.1	9.12	7.36	2.23	7.2
11/9/98	16:00:00	63.73	355	9.04	7.36	2.23	7.2
11/9/98	16:15:00	63.81	355.8	9.07	7.37	2.23	6.7

11/9/98	16:30:00	63.88	356.7	9.07	7.36	2.23	6.8
11/9/98	16:45:00	63.93	357.6	9.01	7.37	2.23	6.5
11/9/98	17:00:00	63.95	357.5	8.97	7.36	2.24	6.4
11/9/98	17:15:00	63.93	358.7	8.95	7.36	2.24	6.3
11/9/98	17:30:00	63.93	358.7	8.97	7.36	2.24	6.2
11/9/98	17:45:00	63.97	358.6	9.01	7.36	2.25	6.1
11/9/98	18:00:00	64.02	359.5	8.92	7.36	2.24	5.8
11/9/98	18:15:00	64	359.6	8.93	7.37	2.27	6
11/9/98	18:30:00	64.04	359.4	8.82	7.37	2.27	5.7
11/9/98	18:45:00	64.08	360.4	8.71	7.37	2.27	5.5
11/9/98	19:00:00	64.02	360.7	8.61	7.37	2.27	6.1
11/9/98	19:15:00	64	360.7	8.51	7.37	2.26	5.6
11/9/98	19:30:00	63.99	360.8	8.49	7.37	2.26	5.4
11/9/98	19:45:00	63.97	362.1	8.4	7.37	2.25	5.1
11/9/98	20:00:00	63.91	362.3	8.37	7.37	2.26	4.6
11/9/98	20:15:00	63.88	363.6	8.27	7.37	2.26	4.6
11/9/98	20:30:00	63.84	363.8	8.2	7.36	2.26	4.6
11/9/98	20:45:00	63.81	364	8.09	7.36	2.27	4.4
11/9/98	21:00:00	63.79	365.2	8.04	7.36	2.27	4.6
11/9/98	21:15:00	63.75	365.4	7.99	7.36	2.28	4.5
11/9/98	21:30:00	63.7	365.6	7.91	7.36	2.27	4.5
11/9/98	21:45:00	63.66	365.8	7.89	7.35	2.29	4.4
11/9/98	22:00:00	63.64	367	7.8	7.35	2.28	4.1
11/9/98	22:15:00	63.61	367.2	7.76	7.35	2.28	4.1
11/9/98	22:30:00	63.59	367.3	7.71	7.34	2.28	4.1
11/9/98	22:45:00	63.59	368.4	7.68	7.33	2.29	3.9
11/9/98	23:00:00	63.55	368.6	7.67	7.33	2.29	3.8
11/9/98	23:15:00	63.54	368.7	7.63	7.33	2.29	3.7
11/9/98	23:30:00	63.52	369.9	7.54	7.33	2.3	3.5
11/9/98	23:45:00	63.48	370.1	7.5	7.32	2.3	3.5
11/10/98	0:00:00	63.48	371.3	7.44	7.32	2.3	3.5
11/10/98	0:15:00	63.46	371.3	7.37	7.32	2.3	3.4
11/10/98	0:30:00	63.43	371.5	7.39	7.32	2.28	3.4
11/10/98	0:45:00	63.43	371.5	7.37	7.31	2.28	3.3
11/10/98	1:00:00	63.39	371.7	7.33	7.32	2.27	3.2
11/10/98	1:15:00	63.41	372.8	7.4	7.31	2.26	3.1
11/10/98	1:30:00	63.34	373.1	7.45	7.31	2.28	3.2
11/10/98	1:45:00	63.36	374.2	7.33	7.31	2.25	2.9
11/10/98	2:00:00	63.34	374.3	7.34	7.31	2.24	2.9
11/10/98	2:15:00	63.34	374.3	7.27	7.3	2.24	2.9
11/10/98	2:30:00	63.32	375.5	7.28	7.3	2.23	3
11/10/98	2:45:00	63.28	375.7	7.33	7.3	2.23	3
11/10/98	3:00:00	63.28	375.7	7.3	7.3	2.23	2.9
11/10/98	3:15:00	63.27	375.8	7.3	7.3	2.27	2.7
11/10/98	3:30:00	63.28	376.8	7.31	7.3	2.25	2.6
11/10/98	3:45:00	63.27	376.9	7.28	7.3	2.24	2.7
11/10/98	4:00:00	63.27	378.1	7.34	7.3	2.24	2.8
11/10/98	4:15:00	63.27	378.1	7.39	7.3	2.24	2.7
11/10/98	4:30:00	63.27	378.1	7.3	7.3	2.21	2.7

11/10/98	4:45:00	63.21	378.4	7.33	7.3	2.22	2.8
11/10/98	5:00:00	63.27	380.4	7.37	7.3	2.23	2.8
11/10/98	5:15:00	63.25	380.5	7.34	7.3	2.23	2.8
11/10/98	5:30:00	63.3	381.4	7.36	7.3	2.23	2.7
11/10/98	5:45:00	63.23	380.6	7.39	7.3	2.23	2.8
11/10/98	6:00:00	63.27	381.6	7.34	7.3	2.22	2.6
11/10/98	6:15:00	63.27	382.8	7.39	7.3	2.22	3
11/10/98	6:30:00	63.25	382.9	7.35	7.3	2.21	2.6
11/10/98	6:45:00	63.21	381.9	7.35	7.3	2.22	2.7
11/10/98	7:00:00	63.19	383.1	7.35	7.3	2.21	2.7
11/10/98	7:15:00	63.19	383.1	7.39	7.3	2.21	2.6
11/10/98	7:30:00	63.18	383.2	7.39	7.3	2.21	2.6
11/10/98	7:45:00	63.21	383	7.45	7.3	2.22	2.4
11/10/98	8:00:00	63.21	384.2	7.58	7.3	2.21	2.4
11/10/98	8:15:00	63.27	385.1	7.64	7.31	2.22	2.1
11/10/98	8:30:00	63.32	386	7.75	7.31	2.21	2.2
11/10/98	8:45:00	63.34	387.1	7.79	7.31	2.21	2.1
11/10/98	9:00:00	63.39	386.9	7.91	7.31	2.21	2.2
11/10/98	9:15:00	63.46	387.7	7.92	7.31	2.21	2.2
11/10/98	9:30:00	63.52	387.4	7.98	7.31	2.2	2.2
11/10/98	9:45:00	63.57	388.3	8.07	7.32	2.2	2.2
11/10/98	10:00:00	63.55	387.3	8.02	7.32	2.21	2.2
11/10/98	10:15:00	63.55	387.3	8.05	7.32	2.2	2.3
11/10/98	10:30:00	63.59	388.2	8.15	7.32	2.19	2.3
11/10/98	10:45:00	63.68	389	8.16	7.32	2.18	2.5
11/10/98	11:00:00	63.77	389.7	8.27	7.33	2.17	2.2
11/10/98	11:15:00	63.82	390.6	8.33	7.33	2.17	2
11/10/98	11:30:00	63.81	390.7	8.38	7.34	2.16	2.1
11/10/98	11:45:00	63.84	391.7	8.4	7.34	2.16	2.2
11/10/98	12:00:00	63.86	391.6	8.41	7.34	2.15	2
11/10/98	12:15:00	63.9	391.4	8.49	7.34	2.15	1.9
11/10/98	12:30:00	63.9	391.4	8.6	7.35	2.15	2.1
11/10/98	12:45:00	63.95	392.3	8.64	7.35	2.14	1.7
11/10/98	13:00:00	63.81	390.7	8.82	7.36	2.15	1.9
11/10/98	13:15:00	63.81	389.5	8.83	7.36	2.13	1.8
11/10/98	13:30:00	63.88	390.4	8.83	7.36	2.12	1.6
11/10/98	13:45:00	63.88	391.5	8.85	7.37	2.12	1.6
11/10/98	14:00:00	63.88	391.5	8.91	7.37	2.11	1.6

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
MM/DD/YY	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
11/19/98	0:00:00	65.3	558.3	5.72	7.26	1.9	2.3
11/19/98	0:15:00	64.51	549.9	5.43	7.27	1.9	2.6
11/19/98	0:30:00	65.19	561.3	5.11	7.24	1.9	2
11/19/98	0:45:00	64.94	559.6	5.15	7.25	1.9	2.3
11/19/98	1:00:00	64.99	562.7	5.13	7.24	1.9	2.6
11/19/98	1:15:00	64.83	569.5	5.07	7.23	1.9	2.3
11/19/98	1:30:00	64.99	570.7	4.94	7.22	1.89	2.2
11/19/98	1:45:00	64.81	568.5	5.15	7.22	1.9	2.5
11/19/98	2:00:00	64.9	569	5.33	7.21	1.9	2.5
11/19/98	2:15:00	64.78	567.6	5.21	7.22	1.9	2.1
11/19/98	2:30:00	65.41	577	5.03	7.21	1.9	1.8
11/19/98	2:45:00	64.98	572	5.04	7.21	1.9	2.1
11/19/98	3:00:00	64.9	571.3	5	7.23	1.9	2.1
11/19/98	3:15:00	64.65	569.6	5.03	7.23	1.9	2.3
11/19/98	3:30:00	64.98	573.1	4.99	7.22	1.89	2.3
11/19/98	3:45:00	65.26	576.8	4.92	7.21	1.89	2
11/19/98	4:00:00	65.08	575.8	4.93	7.2	1.89	2.2
11/19/98	4:15:00	65.19	578.5	4.86	7.2	1.89	1.7
11/19/98	4:30:00	64.67	575.3	4.94	7.22	1.89	2.3
11/19/98	4:45:00	64.81	576.6	4.91	7.21	1.89	2.1
11/19/98	5:00:00	64.9	577.1	4.92	7.2	1.89	1.8
11/19/98	5:15:00	65.19	581.9	4.86	7.19	1.9	2.8
11/19/98	5:30:00	64.67	577.6	4.97	7.2	1.9	2.1
11/19/98	5:45:00	64.76	578.1	4.94	7.2	1.9	1.7
11/19/98	6:00:00	64.96	582.4	4.87	7.2	1.9	1.9
11/19/98	6:15:00	64.8	580.1	4.91	7.2	1.91	1.6
11/19/98	6:30:00	64.83	582.2	4.92	7.2	1.9	1.8
11/19/98	6:45:00	64.63	579	4.91	7.2	1.91	1.8
11/19/98	7:00:00	64.63	581.3	4.89	7.2	1.91	2
11/19/98	7:15:00	64.58	581.7	4.92	7.2	1.91	2.3
11/19/98	7:30:00	64.81	585.7	4.9	7.2	1.92	2.3
11/19/98	7:45:00	64.42	582.8	4.97	7.2	1.92	3.3
11/19/98	8:00:00	64.67	585.6	5.05	7.2	1.92	2.8
11/19/98	8:15:00	64.6	583.8	5.09	7.2	1.92	1.9
11/19/98	8:30:00	64.67	587.9	5.01	7.2	1.93	2.3
11/19/98	8:45:00	64.6	583.8	5.03	7.21	1.93	1.7
11/19/98	9:00:00	64.8	584.7	5.06	7.2	1.93	1.4
11/19/98	9:15:00	64.56	585.2	5.08	7.21	1.93	1.8
11/19/98	9:30:00	64.53	584.3	5.1	7.21	1.93	1.7
11/19/98	9:45:00	64.87	585.4	5.1	7.2	1.93	1.7
11/19/98	10:00:00	64.96	590.4	5.1	7.19	1.93	1.6
11/19/98	10:15:00	64.56	586.4	5.23	7.21	1.93	1.6
11/19/98	10:30:00	64.49	584.6	5.3	7.22	1.93	1.4
11/19/98	10:45:00	65.01	585.5	5.31	7.21	1.93	1.4
11/19/98	11:00:00	64.81	586.9	5.33	7.21	1.93	2.1
11/19/98	11:15:00	64.87	587.7	5.36	7.21	1.93	2
11/19/98	11:30:00	65.32	591.3	5.3	7.2	1.94	1.6

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204798

11/19/98	11:45:00	65.73	592.9	5.2	7.19	1.93	2.2
11/19/98	12:00:00	65.55	590.8	5.31	7.21	1.92	1.8
11/19/98	12:15:00	65.35	591	5.32	7.21	1.91	2.3
11/19/98	12:30:00	65.5	592.3	5.36	7.21	1.9	2.2
11/19/98	12:45:00	65.41	589.5	5.39	7.22	1.9	2.2
11/19/98	13:00:00	65.53	589.8	5.37	7.22	1.89	2.9
11/19/98	13:15:00	65.91	592.7	5.32	7.2	1.88	2.4
11/19/98	13:30:00	65.88	590.7	5.45	7.21	1.88	2.5
11/19/98	13:45:00	65.55	587.3	5.53	7.23	1.88	3.7
11/19/98	14:00:00	65.61	588.1	5.57	7.22	1.87	2.4
11/19/98	14:15:00	65.71	586.2	5.62	7.22	1.87	2.5
11/19/98	14:30:00	65.62	583.4	5.73	7.22	1.86	2.2
11/19/98	14:45:00	65.7	582.9	5.67	7.22	1.86	2.9
11/19/98	15:00:00	65.79	584.6	5.64	7.22	1.86	2.6
11/19/98	15:15:00	65.68	583	5.66	7.23	1.86	2.2
11/19/98	15:30:00	65.61	580.1	5.73	7.24	1.86	2.8
11/19/98	15:45:00	66.18	586.3	5.53	7.22	1.86	2.4
11/19/98	16:00:00	65.93	581.3	5.57	7.23	1.86	2.5
11/19/98	16:15:00	65.88	581.7	5.66	7.23	1.85	2.4
11/19/98	16:30:00	65.77	579	5.58	7.24	1.85	3.1
11/19/98	16:45:00	65.91	580.3	5.53	7.23	1.86	2.4
11/19/98	17:00:00	66	581.9	5.61	7.23	1.85	2.5
11/19/98	17:15:00	65.73	575.9	5.74	7.23	1.85	2.4
11/19/98	17:30:00	65.66	577.5	5.5	7.24	1.86	2.8
11/19/98	17:45:00	65.73	575.9	5.62	7.24	1.86	2.9
11/19/98	18:00:00	65.71	577.1	5.6	7.23	1.86	2.4
11/19/98	18:15:00	65.82	576.4	5.54	7.22	1.86	2.3
11/19/98	18:30:00	65.84	576.2	5.47	7.23	1.86	2.6
11/19/98	18:45:00	65.8	574.2	5.41	7.23	1.87	2.9
11/19/98	19:00:00	65.5	570.6	5.52	7.23	1.87	2.3
11/19/98	19:15:00	65.53	570.4	5.38	7.24	1.87	2.6
11/19/98	19:30:00	65.82	575.2	5.26	7.22	1.88	2.2
11/19/98	19:45:00	65.48	574.2	5.3	7.23	1.88	2.1
11/19/98	20:00:00	65.8	573.1	5.17	7.22	1.89	1.8
11/19/98	20:15:00	65.53	569.3	5.34	7.23	1.89	2.1
11/19/98	20:30:00	65.66	574.1	5.15	7.22	1.89	1.7
11/19/98	20:45:00	65.93	576.7	5.04	7.21	1.9	1.6
11/19/98	21:00:00	65.64	573.1	5.04	7.22	1.9	2.6
11/19/98	21:15:00	65.46	568.6	5.01	7.22	1.9	2.3
11/19/98	21:30:00	65.59	571.2	5.03	7.21	1.9	1.5
11/19/98	21:45:00	65.3	561.7	5.06	7.23	1.9	2
11/19/98	22:00:00	65.5	569.5	4.96	7.22	1.9	2
11/19/98	22:15:00	65.57	569	4.89	7.22	1.9	1.9
11/19/98	22:30:00	65.66	572.9	4.85	7.21	1.9	1.6
11/19/98	22:45:00	65.5	569.5	4.8	7.22	1.9	1.9
11/19/98	23:00:00	65.28	566.4	4.84	7.22	1.9	1.7
11/19/98	23:15:00	65.86	573.8	4.67	7.2	1.9	1.7
11/19/98	23:30:00	65.59	568.9	4.72	7.21	1.9	1.3
11/19/98	23:45:00	65.73	571.3	4.75	7.2	1.9	1.5

11/20/98	0:00:00	65.64	570.8	4.7	7.2	1.9	1.4
11/20/98	0:15:00	65.57	569	4.7	7.21	1.9	1.4
11/20/98	0:30:00	65.89	572.5	4.66	7.2	1.9	1.1
11/20/98	0:45:00	65.55	570.3	4.75	7.21	1.9	1.4
11/20/98	1:00:00	65.71	571.4	4.68	7.21	1.9	1.4
11/20/98	1:15:00	65.68	569.4	4.64	7.2	1.9	1.2
11/20/98	1:30:00	65.23	566.8	4.75	7.22	1.9	1.8
11/20/98	1:45:00	65.53	569.3	4.78	7.2	1.9	1.4
11/20/98	2:00:00	65.59	567.8	4.79	7.21	1.91	1.3
11/20/98	2:15:00	65.62	568.6	4.76	7.2	1.91	1.1
11/20/98	2:30:00	65.3	566.3	4.72	7.21	1.91	1.4
11/20/98	2:45:00	65.57	570.2	4.72	7.2	1.91	1.3
11/20/98	3:00:00	65.57	570.2	4.64	7.2	1.9	1.4
11/20/98	3:15:00	65.57	569	4.61	7.2	1.9	1.3
11/20/98	3:30:00	65.61	573.3	4.62	7.19	1.89	1.2
11/20/98	3:45:00	65.53	572.7	4.6	7.19	1.89	1.3
11/20/98	4:00:00	65.35	570.5	4.61	7.2	1.89	1.6
11/20/98	4:15:00	65.08	567.8	4.65	7.2	1.89	1.2
11/20/98	4:30:00	64.87	568.1	4.64	7.21	1.89	1.4
11/20/98	4:45:00	65.37	571.5	4.58	7.19	1.89	1.4
11/20/98	5:00:00	65.39	572.5	4.56	7.19	1.88	1.2
11/20/98	5:15:00	65.35	571.6	4.56	7.19	1.88	1.1
11/20/98	5:30:00	65.35	571.6	4.54	7.19	1.88	1.3
11/20/98	5:45:00	65.19	571.6	4.58	7.19	1.88	1.4
11/20/98	6:00:00	65.08	571.2	4.6	7.2	1.88	1.4
11/20/98	6:15:00	65.07	571.4	4.62	7.19	1.89	0.9
11/20/98	6:30:00	64.96	569.8	4.65	7.2	1.89	1
11/20/98	6:45:00	65.07	571.4	4.61	7.19	1.89	1
11/20/98	7:00:00	65.05	572.6	4.63	7.19	1.89	1.1
11/20/98	7:15:00	64.81	570.8	4.68	7.2	1.89	1.1
11/20/98	7:30:00	65.34	575.2	4.8	7.19	1.9	0.9
11/20/98	7:45:00	65.41	575.8	4.81	7.18	1.9	1
11/20/98	8:00:00	65.16	573	4.89	7.19	1.91	1
11/20/98	8:15:00	65.21	574.9	4.93	7.19	1.91	1.1
11/20/98	8:30:00	65.46	576.6	4.91	7.18	1.91	1.5
11/20/98	8:45:00	64.96	572.1	5.05	7.19	1.91	1.2
11/20/98	9:00:00	65.55	577.1	4.8	7.18	1.92	1.9
11/20/98	9:15:00	65.41	575.8	4.82	7.18	1.92	1.6
11/20/98	9:30:00	64.92	573.5	4.9	7.19	1.92	1.6
11/20/98	9:45:00	65.44	577.9	4.8	7.18	1.92	1.7
11/20/98	10:00:00	65.25	574.7	4.91	7.19	1.91	1.4
11/20/98	10:15:00	65.5	577.5	4.89	7.18	1.92	0.9
11/20/98	10:30:00	65.17	572.9	5.02	7.19	1.92	1.1
11/20/98	10:45:00	65.64	577.6	4.9	7.18	1.92	1.3
11/20/98	11:00:00	65.41	574.7	5.06	7.19	1.92	1.3
11/20/98	11:15:00	65.03	572.7	5.25	7.2	1.92	1.3
11/20/98	11:30:00	65.28	573.3	5.11	7.2	1.92	1.3
11/20/98	11:45:00	65.44	574.4	5.08	7.2	1.91	1.2
11/20/98	12:00:00	65.34	575.2	5.15	7.2	1.9	1.3



11/20/98	12:15:00	65.52	573.9	5.03	7.2	1.89	1.4
11/20/98	12:30:00	65.21	571.5	5.25	7.21	1.88	1.4
11/20/98	12:45:00	65.48	573	5.35	7.21	1.87	1
11/20/98	13:00:00	65.68	571.7	5.29	7.21	1.87	1.6
11/20/98	13:15:00	65.97	575.4	5.25	7.2	1.86	0.9
11/20/98	13:30:00	65.95	573.2	5.21	7.2	1.85	1.2
11/20/98	13:45:00	65.71	571.4	5.37	7.21	1.84	0.9
11/20/98	14:00:00	65.39	566.8	5.43	7.23	1.84	2.1
11/20/98	14:15:00	65.86	570.4	5.36	7.21	1.84	0.9
11/20/98	14:30:00	66.02	570.5	5.24	7.21	1.83	1.6
11/20/98	14:45:00	66.11	569.8	5.26	7.21	1.83	1
11/20/98	15:00:00	65.91	568.9	5.39	7.22	1.82	1.3
11/20/98	15:15:00	66.06	569.1	5.36	7.22	1.83	1.4
11/20/98	15:30:00	66.2	569.2	5.32	7.21	1.83	1.6
11/20/98	15:45:00	65.91	565.5	5.5	7.23	1.83	1.2
11/20/98	16:00:00	66.31	568.5	5.18	7.21	1.83	1.1
11/20/98	16:15:00	65.79	561.9	5.54	7.24	1.82	0.8
11/20/98	16:30:00	66.11	565.3	5.36	7.23	1.83	0.7
11/20/98	16:45:00	66.15	565.1	5.28	7.22	1.83	1
11/20/98	17:00:00	65.79	558.5	5.39	7.25	1.84	1.5
11/20/98	17:15:00	65.79	558.5	5.51	7.25	1.84	1.3
11/20/98	17:30:00	66	561.5	5.31	7.23	1.84	1.6
11/20/98	17:45:00	66.11	560.8	5.34	7.21	1.84	1.3
11/20/98	18:00:00	65.95	559.6	5.29	7.23	1.84	1.8
11/20/98	18:15:00	65.91	558.7	5.24	7.23	1.85	2.2
11/20/98	18:30:00	65.97	558.4	5.25	7.23	1.85	1.4
11/20/98	18:45:00	65.89	556.6	5.22	7.23	1.85	1.4
11/20/98	19:00:00	66.13	559.6	5	7.23	1.86	1.9
11/20/98	19:15:00	65.59	553	5.3	7.25	1.86	2.2
11/20/98	19:30:00	65.95	556.2	5.17	7.22	1.86	1.6
11/20/98	19:45:00	65.84	553.6	5.12	7.22	1.86	1.1
11/20/98	20:00:00	65.84	554.7	5.02	7.23	1.86	1.1
11/20/98	20:15:00	65.88	554.4	4.92	7.23	1.86	1.8
11/20/98	20:30:00	66	555.9	4.85	7.22	1.86	1.2
11/20/98	20:45:00	66.09	557.5	4.74	7.2	1.86	1.5
11/20/98	21:00:00	65.93	554.1	4.84	7.22	1.86	1.3
11/20/98	21:15:00	65.95	556.2	4.77	7.22	1.86	1.1
11/20/98	21:30:00	65.89	554.3	4.75	7.22	1.86	1.6
11/20/98	21:45:00	65.8	554.9	4.72	7.23	1.86	1
11/20/98	22:00:00	66.15	557.2	4.63	7.2	1.86	1.2
11/20/98	22:15:00	66.15	556	4.57	7.2	1.86	1.2
11/20/98	22:30:00	66.25	556.5	4.47	7.2	1.86	1.4
11/20/98	22:45:00	66.06	554.4	4.45	7.22	1.86	4.6
11/20/98	23:00:00	65.93	554.1	4.66	7.22	1.85	1.4
11/20/98	23:15:00	66.13	555	4.5	7.21	1.85	1.1
11/20/98	23:30:00	65.98	552.6	4.58	7.22	1.85	0.8
11/20/98	23:45:00	66.22	555.6	4.41	7.21	1.84	1.2
11/21/98	0:00:00	66.16	554.8	4.44	7.21	1.84	0.9
11/21/98	0:15:00	66.34	554.7	4.46	7.21	1.84	1.2

11/21/98	0:30:00	66.51	555.9	4.46	7.2	1.84	0.9
11/21/98	0:45:00	66.38	555.6	4.51	7.21	1.84	0.8
11/21/98	1:00:00	66.74	557.7	4.46	7.2	1.83	1
11/21/98	1:15:00	66.63	556.2	4.42	7.2	1.82	1.2
11/21/98	1:30:00	66.4	554.4	4.52	7.21	1.82	1.4
11/21/98	1:45:00	66.4	555.5	4.45	7.21	1.81	1.7
11/21/98	2:00:00	66.09	554.1	4.57	7.23	1.81	1.4
11/21/98	2:15:00	66.11	552.9	4.54	7.22	1.8	1.2
11/21/98	2:30:00	66.31	553.8	4.49	7.21	1.8	1
11/21/98	2:45:00	66.38	554.5	4.5	7.21	1.79	1.2
11/21/98	3:00:00	66.36	556.9	4.48	7.21	1.79	0.7
11/21/98	3:15:00	66.49	556	4.45	7.21	1.78	1.2
11/21/98	3:30:00	66.34	558.1	4.4	7.21	1.78	0.9
11/21/98	3:45:00	66.29	556.2	4.39	7.21	1.77	1.1
11/21/98	4:00:00	66.36	555.7	4.36	7.21	1.77	0.9
11/21/98	4:15:00	66.34	554.7	4.44	7.21	1.76	0.9
11/21/98	4:30:00	66.43	555.3	4.4	7.21	1.76	1.1
11/21/98	4:45:00	66.31	556.1	4.42	7.21	1.75	1.2
11/21/98	5:00:00	66.27	556.3	4.44	7.21	1.75	1.5
11/21/98	5:15:00	66.52	558	4.4	7.2	1.75	1
11/21/98	5:30:00	66.34	557	4.45	7.21	1.76	1.1
11/21/98	5:45:00	66.22	556.7	4.48	7.21	1.76	0.8
11/21/98	6:00:00	66.15	556	4.49	7.22	1.76	0.9
11/21/98	6:15:00	66.36	556.9	4.48	7.21	1.75	0.8
11/21/98	6:30:00	66.36	559.1	4.47	7.2	1.74	1.2
11/21/98	6:45:00	66.54	557.9	4.45	7.2	1.74	0.8
11/21/98	7:00:00	66.45	557.4	4.48	7.2	1.75	1.1
11/21/98	7:15:00	66.45	558.5	4.41	7.2	1.75	1.8
11/21/98	7:30:00	66.31	557.2	4.39	7.2	1.76	1.1
11/21/98	7:45:00	66.52	558	4.42	7.2	1.76	1.1
11/21/98	8:00:00	66.45	558.5	4.43	7.2	1.77	0.8
11/21/98	8:15:00	66.31	558.3	4.5	7.21	1.77	0.9
11/21/98	8:30:00	66.18	556.9	4.58	7.21	1.76	0.9
11/21/98	8:45:00	66.33	558.2	4.6	7.21	1.76	0.7
11/21/98	9:00:00	66.47	558.4	4.64	7.2	1.76	1.8
11/21/98	9:15:00	66.49	559.4	4.63	7.2	1.75	1.2
11/21/98	9:30:00	66.58	558.8	4.65	7.2	1.75	1.1
11/21/98	9:45:00	66.34	557	4.81	7.21	1.75	0.9
11/21/98	10:00:00	66.65	558.3	4.73	7.2	1.75	0.9
11/21/98	10:15:00	66.38	555.6	4.88	7.21	1.75	1.1
11/21/98	10:30:00	66.76	561	4.82	7.2	1.75	0.7
11/21/98	10:45:00	66.47	559.5	4.85	7.22	1.76	0.9
11/21/98	11:00:00	66.43	554.1	5.07	7.21	1.76	1.2
11/21/98	11:15:00	66.33	554.8	5.06	7.23	1.75	1.2
11/21/98	11:30:00	66.4	555.5	5.08	7.23	1.75	0.9
11/21/98	11:45:00	66.63	557.3	5.06	7.22	1.75	1.2
11/21/98	12:00:00	66.43	555.3	5.28	7.23	1.74	1.7
11/21/98	12:15:00	66.49	553.8	5.38	7.24	1.73	1.7
11/21/98	12:30:00	66.61	555.2	5.38	7.23	1.72	1.4

11/21/98	12:45:00	66.52	554.7	5.37	7.24	1.71	1.2
11/21/98	13:00:00	66.6	553.1	5.5	7.25	1.7	1.3
11/21/98	13:15:00	66.52	552.4	5.62	7.26	1.69	1.4
11/21/98	13:30:00	66.67	552.6	5.51	7.25	1.68	1.5
11/21/98	13:45:00	66.69	551.3	5.54	7.25	1.69	1.1
11/21/98	14:00:00	66.69	552.5	5.68	7.25	1.68	1.1
11/21/98	14:15:00	66.54	547.8	5.81	7.26	1.68	1.2
11/21/98	14:30:00	66.94	553	5.66	7.24	1.67	0.8
11/21/98	14:45:00	66.92	554.3	5.61	7.24	1.66	0.9
11/21/98	15:00:00	66.78	551.9	5.73	7.25	1.66	1
11/21/98	15:15:00	66.97	553.9	5.67	7.24	1.65	1.2
11/21/98	15:30:00	66.99	553.8	5.61	7.25	1.65	1.7
11/21/98	15:45:00	66.97	553.9	5.56	7.25	1.64	1.2
11/21/98	16:00:00	66.97	553.9	5.5	7.25	1.64	1.2
11/21/98	16:15:00	66.83	551.5	5.57	7.26	1.64	1
11/21/98	16:30:00	66.85	551.4	5.55	7.26	1.64	2
11/21/98	16:45:00	66.74	549.9	5.57	7.26	1.63	1.5
11/21/98	17:00:00	66.76	549.7	5.59	7.26	1.63	1.2
11/21/98	17:15:00	66.88	551.2	5.52	7.25	1.63	1.4
11/21/98	17:30:00	66.78	549.6	5.58	7.26	1.64	1.2
11/21/98	17:45:00	66.58	546.4	5.64	7.28	1.64	1.4
11/21/98	18:00:00	66.72	547.7	5.62	7.26	1.64	1.3
11/21/98	18:15:00	66.7	547.9	5.56	7.26	1.65	1.2
11/21/98	18:30:00	66.78	548.5	5.5	7.25	1.66	1.2
11/21/98	18:45:00	66.65	547.1	5.47	7.26	1.67	2
11/21/98	19:00:00	66.52	545.7	5.5	7.27	1.66	1.4
11/21/98	19:15:00	66.4	543.1	5.55	7.28	1.66	1.7
11/21/98	19:30:00	66.33	543.6	5.52	7.28	1.67	1.7
11/21/98	19:45:00	66.63	547.2	5.48	7.26	1.69	1
11/21/98	20:00:00	66.52	544.5	5.44	7.26	1.7	1.3
11/21/98	20:15:00	66.47	544.9	5.43	7.26	1.71	1.6
11/21/98	20:30:00	66.27	542.8	5.52	7.27	1.71	1.2
11/21/98	20:45:00	66.25	541.8	5.55	7.28	1.71	1.9
11/21/98	21:00:00	65.98	537.9	5.62	7.29	1.73	1.6
11/21/98	21:15:00	66.09	539.4	5.64	7.29	1.73	1.4
11/21/98	21:30:00	66.16	540.1	5.58	7.29	1.74	2
11/21/98	21:45:00	66.36	541.1	5.58	7.28	1.75	1.2
11/21/98	22:00:00	66.16	539	5.58	7.29	1.75	1.9
11/21/98	22:15:00	65.55	532.7	5.74	7.32	1.74	2.2
11/21/98	22:30:00	65.35	529.4	5.84	7.33	1.75	2.4
11/21/98	22:45:00	65.21	525.8	5.93	7.34	1.77	3
11/21/98	23:00:00	64.51	517.6	6.18	7.38	1.78	3
11/21/98	23:15:00	63.99	510.5	6.21	7.4	1.82	4.2
11/21/98	23:30:00	63.39	504.9	6.41	7.44	1.84	3.4
11/21/98	23:45:00	63.1	499.7	5.66	7.44	1.92	3
11/22/98	0:00:00	63.03	503.6	5.71	7.45	2	3.4
11/22/98	0:15:00	62.65	500.1	5.79	7.46	2.01	3.8
11/22/98	0:30:00	62.94	501.9	5.68	7.44	2.04	3.5
11/22/98	0:45:00	62.53	498.6	5.7	7.45	2.04	3.9

11/22/98	1:00:00	62.91	499.7	5.63	7.42	2.06	4.2
11/22/98	1:15:00	61.99	494.8	5.75	7.46	2.08	4.1
11/22/98	1:30:00	62.73	498.5	5.75	7.42	2.09	3.9
11/22/98	1:45:00	62.37	496	5.64	7.43	2.09	4.1
11/22/98	2:00:00	62.64	494.3	5.69	7.42	2.09	3.7
11/22/98	2:15:00	62.11	497.6	5.79	7.43	2.08	4.3
11/22/98	2:30:00	62.42	504	5.76	7.42	2.09	3.3
11/22/98	2:45:00	62.49	503.5	5.7	7.42	2.08	3.6
11/22/98	3:00:00	62.58	511.2	5.81	7.4	2.08	3.2
11/22/98	3:15:00	62.8	516.9	5.72	7.39	2.08	3.7
11/22/98	3:30:00	62.46	516.7	5.65	7.4	2.05	3.9
11/22/98	3:45:00	62.87	520	5.55	7.38	2.03	3.6
11/22/98	4:00:00	63.19	524.9	5.5	7.37	2.02	3.6
11/22/98	4:15:00	62.8	520.4	5.55	7.37	2.01	3.4
11/22/98	4:30:00	63.21	523.6	5.56	7.35	2.01	3.9
11/22/98	4:45:00	63.21	530.6	5.47	7.34	2	3.9
11/22/98	5:00:00	63.01	513.2	5.36	7.35	2	4.8
11/22/98	5:15:00	62.76	523	5.38	7.35	2	4.5
11/22/98	5:30:00	63	516.8	5.38	7.34	2	4.3
11/22/98	5:45:00	62.91	525.6	5.34	7.34	2.01	4.8
11/22/98	6:00:00	62.83	521.4	5.3	7.34	2.01	4.8
11/22/98	6:15:00	62.6	520.5	5.38	7.34	2	5
11/22/98	6:30:00	63.23	528.2	5.28	7.32	2.01	4.3
11/22/98	6:45:00	62.96	520.6	5.14	7.32	2.01	4.6
11/22/98	7:00:00	62.78	517	5.26	7.32	2.01	5.1
11/22/98	7:15:00	62.85	518.9	5.2	7.32	2.01	4.7
11/22/98	7:30:00	62.89	518.7	5.2	7.32	2.01	4.6
11/22/98	7:45:00	62.69	521.1	5.24	7.31	1.99	5.1
11/22/98	8:00:00	62.85	523.6	5.26	7.3	1.99	4.9
11/22/98	8:15:00	62.87	522.3	5.23	7.31	1.99	5
11/22/98	8:30:00	63.3	531.2	5.06	7.29	1.99	4.4
11/22/98	8:45:00	62.89	523.4	5.22	7.3	2	5.1
11/22/98	9:00:00	63.36	529.7	5.26	7.3	2	4.6
11/22/98	9:15:00	63.21	527.1	5.35	7.31	2	4.2
11/22/98	9:30:00	63.55	533.1	5.39	7.3	2	4.4
11/22/98	9:45:00	63.57	532.9	5.49	7.28	2	4.1
11/22/98	10:00:00	63.64	531.3	5.55	7.29	1.99	3.9
11/22/98	10:15:00	63.54	532	5.68	7.29	1.98	4
11/22/98	10:30:00	63.97	539.6	5.73	7.29	1.97	3.6
11/22/98	10:45:00	63.86	535.7	5.75	7.3	1.97	3.7
11/22/98	11:00:00	64.18	544	5.75	7.28	1.97	3.5
11/22/98	11:15:00	64.24	545.9	5.91	7.29	1.97	3.3
11/22/98	11:30:00	64.31	548.9	6.1	7.28	1.97	3.2
11/22/98	11:45:00	64.4	543.7	6.17	7.3	1.95	3.1
11/22/98	12:00:00	64.74	554.1	6.1	7.28	1.95	2.8
11/22/98	12:15:00	64.6	545.8	6.07	7.3	1.93	3.2
11/22/98	12:30:00	65.23	559.9	5.84	7.28	1.91	2.8
11/22/98	12:45:00	65.08	557.5	6	7.29	1.9	2.7
11/22/98	13:00:00	65.25	561	6.07	7.29	1.9	2.6

11/22/98	13:15:00	65.16	559.3	6.22	7.3	1.89	2.9
11/22/98	13:30:00	65.19	557.9	6.22	7.31	1.88	2.7
11/22/98	13:45:00	65.23	558.8	6.3	7.32	1.88	2.6
11/22/98	14:00:00	65.34	558.1	6.27	7.32	1.87	2.6
11/22/98	14:15:00	65.26	560.8	6.36	7.32	1.86	2.4
11/22/98	14:30:00	65.3	561.7	6.46	7.33	1.85	2.4
11/22/98	14:45:00	65.66	569.5	6.26	7.31	1.84	2.3
11/22/98	15:00:00	65.43	566.6	6.27	7.32	1.84	2.2
11/22/98	15:15:00	65.3	565.2	6.42	7.34	1.82	2.1
11/22/98	15:30:00	65.55	570.3	6.31	7.33	1.81	1.9
11/22/98	15:45:00	65.64	570.8	6.2	7.32	1.81	2
11/22/98	16:00:00	65.53	569.3	6.21	7.33	1.8	2.1
11/22/98	16:15:00	65.91	579.1	5.71	7.3	1.78	1.8
11/22/98	16:30:00	65.84	579.6	6.03	7.3	1.78	1.8
11/22/98	16:45:00	65.8	578.8	5.75	7.3	1.78	1.8
11/22/98	17:00:00	65.75	578	5.61	7.3	1.77	1.9
11/22/98	17:15:00	65.61	576.7	5.68	7.3	1.77	1.9
11/22/98	17:30:00	65.77	576.7	5.47	7.29	1.76	1.8
11/22/98	17:45:00	65.73	581.5	5.37	7.29	1.76	1.6
11/22/98	18:00:00	65.95	588	5.26	7.26	1.75	1.6
11/22/98	18:15:00	65.82	583.2	5.14	7.28	1.74	1.5
11/22/98	18:30:00	65.75	587.1	5.12	7.28	1.74	1.5
11/22/98	18:45:00	65.89	587.2	4.97	7.27	1.73	1.4
11/22/98	19:00:00	65.62	584.6	4.99	7.28	1.73	1.6
11/22/98	19:15:00	65.84	586.4	4.84	7.27	1.72	1.6
11/22/98	19:30:00	65.8	585.6	4.73	7.27	1.71	1.4
11/22/98	19:45:00	65.7	586.3	4.71	7.27	1.71	1.7
11/22/98	20:00:00	66.07	593.8	4.54	7.25	1.71	1.6
11/22/98	20:15:00	66.2	595.2	4.44	7.25	1.71	1.5
11/22/98	20:30:00	65.93	591.5	4.55	7.26	1.7	1.5
11/22/98	20:45:00	65.82	590	4.59	7.26	1.7	1.4
11/22/98	21:00:00	65.91	592.7	4.48	7.25	1.7	1.4
11/22/98	21:15:00	65.95	594.7	4.4	7.25	1.7	1.5
11/22/98	21:30:00	65.86	594.3	4.4	7.25	1.69	1.4
11/22/98	21:45:00	65.62	590.3	4.4	7.26	1.69	1.4
11/22/98	22:00:00	65.89	594	4.33	7.24	1.68	1.5
11/22/98	22:15:00	65.88	596.4	4.15	7.24	1.67	1.4
11/22/98	22:30:00	65.73	594	4.27	7.25	1.67	1.4
11/22/98	22:45:00	65.93	599.4	4.15	7.24	1.66	1.3
11/22/98	23:00:00	65.84	596.7	4.12	7.24	1.66	1.3
11/22/98	23:15:00	66	597.8	4.15	7.24	1.65	1.2
11/22/98	23:30:00	66.31	602.3	4.01	7.23	1.64	1.3
11/22/98	23:45:00	65.75	596.2	4.15	7.25	1.64	1.1
11/23/98	0:00:00	65.86	596.5	4.09	7.24	1.64	1.1
11/23/98	0:15:00	66.16	600	4.1	7.23	1.64	1
11/23/98	0:30:00	65.88	596.4	4.07	7.24	1.64	1
11/23/98	0:45:00	66.02	598.8	4.06	7.24	1.64	1
11/23/98	1:00:00	66.07	599.5	3.98	7.24	1.63	1
11/23/98	1:15:00	65.89	598.5	4.08	7.24	1.62	1.1

11/23/98	1:30:00	66.02	596.5	4.15	7.24	1.61	1.1
11/23/98	1:45:00	66.27	603.7	4.02	7.23	1.61	0.9
11/23/98	2:00:00	65.86	595.4	4.11	7.24	1.6	1.2
11/23/98	2:15:00	65.88	594.1	4.15	7.24	1.6	1.2
11/23/98	2:30:00	65.84	593.3	4.24	7.24	1.59	1.3
11/23/98	2:45:00	65.62	590.3	4.25	7.25	1.59	1.4
11/23/98	3:00:00	65.61	588.1	4.27	7.25	1.58	1.3
11/23/98	3:15:00	65.97	593.5	4.3	7.24	1.58	1.2
11/23/98	3:30:00	65.79	591.4	4.31	7.24	1.58	1.2
11/23/98	3:45:00	65.34	583.2	4.45	7.26	1.58	1.4
11/23/98	4:00:00	65.1	581.4	4.49	7.26	1.58	1.5
11/23/98	4:15:00	64.98	578.9	4.55	7.26	1.58	2.2
11/23/98	4:30:00	64.78	580.3	4.6	7.26	1.61	4
11/23/98	4:45:00	64.62	586	4.59	7.27	1.65	9.7
11/23/98	5:00:00	63.39	579.7	5.04	7.31	1.75	23.4
11/23/98	5:15:00	59.18	516.7	5.98	7.47	2.15	88
11/23/98	5:30:00	57.61	431.8	6.75	7.52	2.85	104.9
11/23/98	5:45:00	57.43	349.6	7.33	7.48	3.34	320.1
11/23/98	6:00:00	57.11	294.1	7.64	7.49	3.59	114.5
11/23/98	6:15:00	57.07	268.8	7.91	7.45	3.8	102.7
11/23/98	6:30:00	56.75	219.1	8.14	7.44	3.94	106.4
11/23/98	6:45:00	56.79	191	8.26	7.4	4.11	99.2
11/23/98	7:00:00	56.73	182.2	8.34	7.37	4.21	98.8
11/23/98	7:15:00	56.62	164.6	8.41	7.33	4.31	97
11/23/98	7:30:00	56.59	150.6	8.48	7.3	4.33	92.1
11/23/98	7:45:00	56.86	161.5	8.55	7.25	4.45	85.3
11/23/98	8:00:00	56.97	130.8	8.58	7.25	4.53	85.2
11/23/98	8:15:00	56.88	131	8.51	7.28	4.4	83.9
11/23/98	8:30:00	57	151.1	8.52	7.24	4.62	90.5
11/23/98	8:45:00	56.88	143.7	8.59	7.3	4.85	98.9
11/23/98	9:00:00	57.06	148.4	8.57	7.29	5.13	109.2
11/23/98	9:15:00	57.11	145.8	8.62	7.3	5.4	122.1
11/23/98	9:30:00	57.2	149.4	8.61	7.27	5.61	137.3
11/23/98	9:45:00	57.2	138	8.62	7.27	5.82	145.5
11/23/98	10:00:00	57.27	142.9	8.68	7.27	6.03	151.6
11/23/98	10:15:00	57.4	143.9	8.62	7.26	6.18	159.9
11/23/98	10:30:00	57.47	140	8.64	7.26	6.18	160.2
11/23/98	10:45:00	57.6	139.8	8.62	7.26	6.12	165.3
11/23/98	11:00:00	57.58	137.3	8.62	7.26	6.02	228.9
11/23/98	11:15:00	57.83	138.1	8.52	7.28	5.92	158.1
11/23/98	11:30:00	57.85	143.1	8.49	7.26	5.79	155.2
11/23/98	11:45:00	57.78	138.2	8.51	7.26	5.68	149.8
11/23/98	12:00:00	57.7	139.6	8.5	7.25	5.55	158.7
11/23/98	12:15:00	57.61	141	8.56	7.25	5.39	152.4
11/23/98	12:30:00	57.81	158.2	8.51	7.24	5.29	164.9
11/23/98	12:45:00	57.94	169.2	8.53	7.23	5.25	162.7
11/23/98	13:00:00	57.65	146	8.5	7.28	5.36	157.2
11/23/98	13:15:00	57.81	148.2	8.59	7.26	5.68	139.5
11/23/98	13:30:00	57.63	135.9	8.71	7.22	6.09	168.3

11/23/98	13:45:00	57.78	136.9	8.7	7.22	6.45	189.8
11/23/98	14:00:00	57.94	135.4	8.65	7.22	6.58	214.8
11/23/98	14:15:00	58.14	137.5	8.64	7.2	6.7	218.7
11/23/98	14:30:00	58.12	130.1	8.69	7.22	6.86	213.7
11/23/98	14:45:00	58.28	128.5	8.68	7.22	7.02	208.5
11/23/98	15:00:00	58.23	122.4	8.68	7.22	7.1	228
11/23/98	15:15:00	58.14	130	8.6	7.22	7.1	264.6
11/23/98	15:30:00	58.15	137.5	8.55	7.23	7.05	280.8
11/23/98	15:45:00	58.05	140.2	8.53	7.23	6.87	295.7
11/23/98	16:00:00	57.92	141.7	8.56	7.25	6.71	292.2
11/23/98	16:15:00	57.92	148	8.57	7.27	6.53	282.1
11/23/98	16:30:00	57.96	152.9	8.55	7.31	6.39	271.3
11/23/98	16:45:00	57.88	154.3	8.65	7.32	6.29	275.3
11/23/98	17:00:00	57.83	158.2	8.65	7.33	6.19	266.7
11/23/98	17:15:00	57.65	162.3	8.69	7.34	6.11	284.9
11/23/98	17:30:00	57.96	179.2	8.66	7.34	6.01	302
11/23/98	17:45:00	57.76	174.7	8.69	7.33	5.9	329
11/23/98	18:00:00	57.52	172.7	8.74	7.34	5.77	334.3
11/23/98	18:15:00	57.6	182.6	8.7	7.34	5.7	322
11/23/98	18:30:00	57.52	186.6	8.7	7.34	5.62	316
11/23/98	18:45:00	57.42	186.8	8.69	7.36	5.56	303.9
11/23/98	19:00:00	57.13	186.3	8.72	7.35	5.54	299
11/23/98	19:15:00	57.11	191.4	8.76	7.34	5.54	279.6
11/23/98	19:30:00	57.02	192.9	8.73	7.35	5.53	268.6
11/23/98	19:45:00	57.09	194	8.71	7.35	5.49	254.5
11/23/98	20:00:00	57.04	196.7	8.69	7.32	5.41	251
11/23/98	20:15:00	57.2	198.8	8.64	7.32	5.37	245.9
11/23/98	20:30:00	57.13	200.2	8.68	7.32	5.33	257.2
11/23/98	20:45:00	57.11	205.3	8.63	7.3	5.31	276.2
11/23/98	21:00:00	56.93	198.2	8.69	7.29	5.27	281.7
11/23/98	21:15:00	57.25	211.3	8.62	7.29	5.21	280.2
11/23/98	21:30:00	56.8	203.6	8.64	7.29	5.13	302
11/23/98	21:45:00	57.09	214.3	8.56	7.29	5.06	308.4
11/23/98	22:00:00	57.04	214.4	8.5	7.28	4.99	270.3
11/23/98	22:15:00	57.18	226.7	8.51	7.28	4.93	271.7
11/23/98	22:30:00	56.7	219.2	8.54	7.29	4.89	248.9
11/23/98	22:45:00	56.5	214.7	8.52	7.31	4.84	231.6
11/23/98	23:00:00	56.71	229.4	8.51	7.29	4.8	218.9
11/23/98	23:15:00	56.93	233.8	8.46	7.3	4.77	213.3
11/23/98	23:30:00	56.66	228.3	8.39	7.3	4.72	197.1
11/23/98	23:45:00	56.86	237.8	8.32	7.29	4.68	179.5
11/24/98	0:00:00	56.59	232.3	8.43	7.31	4.63	184
11/24/98	0:15:00	57.09	248.5	8.23	7.29	4.61	165
11/24/98	0:30:00	56.64	241.1	8.35	7.28	4.57	163.2
11/24/98	0:45:00	57.2	255.7	8.19	7.27	4.54	155.3
11/24/98	1:00:00	57.34	260.3	8.13	7.27	4.52	147.7
11/24/98	1:15:00	57.02	258.9	8.22	7.27	4.49	144.6
11/24/98	1:30:00	56.93	259.2	8.1	7.27	4.45	137.8
11/24/98	1:45:00	57.11	264.9	7.94	7.26	4.43	129.1

11/24/98	2:00:00	57.47	275	7.9	7.26	4.41	130
11/24/98	2:15:00	57.06	270.2	8	7.27	4.38	123.8
11/24/98	2:30:00	57.36	281.7	7.76	7.27	4.36	122
11/24/98	2:45:00	57.29	280.7	7.77	7.26	4.36	119.1
11/24/98	3:00:00	57.13	283.9	7.62	7.25	4.34	115.5
11/24/98	3:15:00	57.25	288.4	7.66	7.26	4.33	109.2
11/24/98	3:30:00	57.07	289.1	7.68	7.28	4.31	107.3
11/24/98	3:45:00	57.78	304	7.42	7.26	4.3	91.7
11/24/98	4:00:00	56.57	288.6	7.64	7.27	4.29	100.5
11/24/98	4:15:00	57.29	303.5	7.42	7.26	4.29	93.1
11/24/98	4:30:00	57.27	303.5	7.46	7.25	4.28	93.4
11/24/98	4:45:00	57.34	304.5	7.42	7.25	4.29	87.4
11/24/98	5:00:00	57.11	306.7	7.44	7.24	4.28	85.9
11/24/98	5:15:00	56.46	300.5	7.42	7.27	4.28	91.7
11/24/98	5:30:00	56.98	308.5	7.44	7.27	4.28	84.9
11/24/98	5:45:00	57.07	314.5	7.29	7.26	4.28	74.8
11/24/98	6:00:00	56.66	311.2	7.43	7.26	4.27	78.6
11/24/98	6:15:00	57.33	323.5	7.24	7.27	4.26	73.5
11/24/98	6:30:00	57.07	318.3	7.39	7.27	4.26	76.5
11/24/98	6:45:00	57.52	329	7.11	7.25	4.26	67.4
11/24/98	7:00:00	57.02	328.7	7.19	7.27	4.25	67.2
11/24/98	7:15:00	56.86	329.4	7.14	7.27	4.24	67.5
11/24/98	7:30:00	57.07	332.2	7.18	7.27	4.24	64.6
11/24/98	7:45:00	56.93	334.2	7.08	7.28	4.24	65.4
11/24/98	8:00:00	57.27	339	7.08	7.26	4.23	58.4
11/24/98	8:15:00	57.04	341.3	6.96	7.27	4.22	57.6
11/24/98	8:30:00	56.73	340.2	6.98	7.26	4.22	58.5
11/24/98	8:45:00	61.45	409.6	4.91	7.16	4.22	43.4
11/24/98	9:00:00	61.63	429	4.78	7.14	4.28	43.8
11/24/98	9:15:00	62.01	448.3	4.86	7.14	4.3	39.6
11/24/98	9:30:00	61.66	451.5	5.24	7.15	4.3	48.5
11/24/98	9:45:00	62.24	460.1	5.2	7.14	4.32	39.3
11/24/98	10:00:00	61.84	457.6	5.14	7.14	4.3	41.7
11/24/98	10:15:00	61.77	456.8	5.26	7.14	4.3	38.2
11/24/98	10:30:00	61.7	456	5.37	7.14	4.3	38.2
11/24/98	10:45:00	62.46	462.4	5.35	7.14	4.29	42.1
11/24/98	11:00:00	62.28	459.8	5.4	7.14	4.29	35.6
11/24/98	11:15:00	62.44	458.9	5.48	7.13	4.29	29
11/24/98	11:30:00	62.08	457.4	5.61	7.14	4.29	54.2
11/24/98	11:45:00	62.55	461.8	5.66	7.14	4.28	37.6
11/24/98	12:00:00	62.91	465.6	5.71	7.14	4.27	25.3
11/24/98	12:15:00	62.82	466.2	5.76	7.15	4.27	27.9
11/24/98	12:30:00	62.64	462.5	5.68	7.16	4.26	28
11/24/98	12:45:00	62.49	458.6	5.91	7.16	4.24	28.1
11/24/98	13:00:00	62.26	454	6.06	7.17	4.24	28.8
11/24/98	13:15:00	63.05	464.8	5.82	7.15	4.24	25.2
11/24/98	13:30:00	63.03	461.4	5.94	7.16	4.22	25.7
11/24/98	13:45:00	62.69	461	5.91	7.16	4.23	26.9
11/24/98	14:00:00	63.32	465.6	5.82	7.16	4.22	26.6



11/24/98	14:15:00	62.83	461.3	5.96	7.16	4.23	25
11/24/98	14:30:00	63.37	467.6	5.88	7.16	4.22	25
11/24/98	14:45:00	63.52	466.8	5.92	7.16	4.21	22.8
11/24/98	15:00:00	63.59	466.4	5.75	7.16	4.22	22.8
11/24/98	15:15:00	62.85	462.4	5.95	7.17	4.21	23.5
11/24/98	15:30:00	63.23	464.9	5.96	7.17	4.21	23
11/24/98	15:45:00	63.59	466.4	5.86	7.16	4.22	21.9
11/24/98	16:00:00	63.41	468.6	5.7	7.17	4.23	22.9
11/24/98	16:15:00	63.43	467.3	5.81	7.17	4.22	21.9
11/24/98	16:30:00	62.4	457.9	6.05	7.18	4.22	23.3
11/24/98	16:45:00	63.14	463.1	5.98	7.17	4.21	22.1
11/24/98	17:00:00	63.1	461	5.81	7.17	4.21	22.1
11/24/98	17:15:00	62.83	457.8	5.97	7.17	4.21	23
11/24/98	17:30:00	62.78	453.4	6.08	7.19	4.21	23.5
11/24/98	17:45:00	62.6	458	5.94	7.19	4.2	23.5
11/24/98	18:00:00	62.91	456.2	6.13	7.19	4.18	21.2
11/24/98	18:15:00	63.14	456.1	6.09	7.19	4.16	21.4
11/24/98	18:30:00	62.24	452.9	6.21	7.2	4.21	22.7
11/24/98	18:45:00	63.07	461.2	5.91	7.18	4.23	19.5
11/24/98	19:00:00	62.44	454.2	6.16	7.2	4.23	21.6
11/24/98	19:15:00	62.85	458.9	6	7.19	4.22	20.5
11/24/98	19:30:00	61.99	452	6.26	7.2	4.22	21.9
11/24/98	19:45:00	62.31	462	5.89	7.18	4.23	20.6
11/24/98	20:00:00	62.15	458.2	5.92	7.18	4.23	20.2
11/24/98	20:15:00	62.15	459.4	5.91	7.19	4.23	20.6
11/24/98	20:30:00	62.04	461.2	5.76	7.18	4.23	20
11/24/98	20:45:00	62.13	460.7	5.83	7.18	4.22	20.4
11/24/98	21:00:00	62.15	460.6	5.87	7.18	4.22	19.3
11/24/98	21:15:00	62.31	465.6	5.68	7.17	4.22	20.8
11/24/98	21:30:00	61.92	460.7	5.75	7.18	4.22	18.9
11/24/98	21:45:00	61.18	459.1	5.8	7.18	4.21	21.8
11/24/98	22:00:00	61.84	463.5	5.61	7.17	4.21	18.6
11/24/98	22:15:00	61.75	462.9	5.69	7.17	4.21	19.6
11/24/98	22:30:00	62.01	467.4	5.57	7.16	4.2	17
11/24/98	22:45:00	62.02	467.3	5.63	7.17	4.2	17.8
11/24/98	23:00:00	62.38	473.4	5.39	7.16	4.2	17.6
11/24/98	23:15:00	61.29	464.4	5.6	7.17	4.19	18.7
11/24/98	23:30:00	62.28	470.5	5.46	7.16	4.19	17.2
11/24/98	23:45:00	60.26	465.7	5.57	7.18	4.19	20.1
11/25/98	0:00:00	61.34	466.5	5.7	7.18	4.19	18.4
11/25/98	0:15:00	62.28	475.3	5.39	7.16	4.19	16.9
11/25/98	0:30:00	61.43	470.8	5.66	7.16	4.19	16.9
11/25/98	0:45:00	61.45	468.3	5.63	7.16	4.19	17.3
11/25/98	1:00:00	61.54	468.9	5.64	7.16	4.19	17
11/25/98	1:15:00	62.28	474.1	5.43	7.15	4.18	15.4
11/25/98	1:30:00	59.99	462.5	5.88	7.18	4.18	18.9
11/25/98	1:45:00	61.75	472.4	5.51	7.16	4.18	16.1
11/25/98	2:00:00	60.98	469.9	5.7	7.16	4.17	17.6
11/25/98	2:15:00	61.48	472.9	5.62	7.17	4.16	15.6

11/25/98	2:30:00	61.61	474.5	5.55	7.15	4.15	16.4
11/25/98	2:45:00	61.79	473.4	5.56	7.16	4.15	14.6
11/25/98	3:00:00	60.69	470.4	5.71	7.17	4.16	16.5
11/25/98	3:15:00	60.62	463.6	6.05	7.2	4.15	15.1
11/25/98	3:30:00	61.47	474.2	5.58	7.16	4.15	13.9
11/25/98	3:45:00	60.85	471.8	5.86	7.17	4.15	15.3
11/25/98	4:00:00	61.61	478.1	5.56	7.16	4.14	14.3
11/25/98	4:15:00	60.12	470.2	5.96	7.2	4.13	15.7
11/25/98	4:30:00	61.2	477	5.57	7.17	4.13	14
11/25/98	4:45:00	60.93	472.6	5.78	7.19	4.14	14.5
11/25/98	5:00:00	61.92	481	5.41	7.17	4.13	14.1
11/25/98	5:15:00	61.56	480.8	5.48	7.18	4.13	13.9
11/25/98	5:30:00	61.21	481.7	5.42	7.17	4.13	13.5
11/25/98	5:45:00	61.83	482.7	5.39	7.18	4.13	12.7
11/25/98	6:00:00	61.05	479.1	5.59	7.18	4.13	12.8
11/25/98	6:15:00	61.56	479.6	5.51	7.17	4.11	12.3
11/25/98	6:30:00	60.91	480	5.44	7.18	4.11	13.2
11/25/98	6:45:00	61.38	481.9	5.45	7.17	4.1	12.4
11/25/98	7:00:00	60.75	478.5	5.63	7.18	4.11	12.5
11/25/98	7:15:00	61.57	481.9	5.53	7.19	4.11	12.1
11/25/98	7:30:00	61.9	485.9	5.29	7.17	4.11	11.7
11/25/98	7:45:00	61.84	483.8	5.43	7.18	4.1	11
11/25/98	8:00:00	61.38	484.3	5.61	7.18	4.11	11.2
11/25/98	8:15:00	61.43	482.8	5.57	7.19	4.1	11.7
11/25/98	8:30:00	60.94	482.1	5.68	7.19	4.1	11.5
11/25/98	8:45:00	61.83	487.5	5.49	7.18	4.1	10.7
11/25/98	9:00:00	61.38	486.7	5.43	7.18	4.11	11.3
11/25/98	9:15:00	62.08	490.7	5.2	7.17	4.1	10.3
11/25/98	9:30:00	61.12	485.8	5.43	7.18	4.11	11.2
11/25/98	9:45:00	61.41	486.5	5.31	7.2	4.11	11
11/25/98	10:00:00	61.54	485.7	5.38	7.19	4.12	10.8
11/25/98	10:15:00	61.47	487.3	5.57	7.19	4.11	10.9
11/25/98	10:30:00	61.68	489.6	5.44	7.18	4.09	10.2
11/25/98	10:45:00	61.2	486.6	5.59	7.21	4.09	11.2
11/25/98	11:00:00	60.26	475.5	6.09	7.24	4.04	13.8
11/25/98	11:15:00	60.76	477.2	6.11	7.29	4.03	13.9
11/25/98	11:30:00	60.28	470.5	6.72	7.27	4.02	12.2
11/25/98	11:45:00	61.77	479.5	6.18	7.22	4.01	12.1
11/25/98	12:00:00	62.19	485.3	5.93	7.21	4	12.5
11/25/98	12:15:00	61.43	482.8	6.16	7.21	3.99	11.7
11/25/98	12:30:00	61.7	481.1	6.2	7.22	3.97	11.6
11/25/98	12:45:00	61.84	483.8	6.15	7.22	3.96	11.8
11/25/98	13:00:00	62.1	484.6	6.25	7.22	3.95	11.9
11/25/98	13:15:00	62.06	486.1	6.24	7.23	3.94	10.9
11/25/98	13:30:00	61.99	487.7	6.13	7.22	3.93	11.7
11/25/98	13:45:00	61.81	484	6.35	7.23	3.93	11.3
11/25/98	14:00:00	62.15	485.5	6.31	7.23	3.92	11.2
11/25/98	14:15:00	62.2	487.5	6.13	7.23	3.91	11.4
11/25/98	14:30:00	62.65	490.7	6.09	7.21	3.91	10.9

11/25/98	14:45:00	62.62	489.7	6.82	7.22	3.9	11.4
11/25/98	15:00:00	62.49	492.9	6.08	7.22	3.89	10.8
11/25/98	15:15:00	62.02	487.5	6.53	7.24	3.88	11.2
11/25/98	15:30:00	62.47	487.1	6.46	7.26	3.87	10.9
11/25/98	15:45:00	62.96	492.4	6.05	7.23	3.87	10.6
11/25/98	16:00:00	62.29	488.2	6.47	7.25	3.86	10.6
11/25/98	16:15:00	62.82	492.1	6.11	7.23	3.85	10.5
11/25/98	16:30:00	62.89	490.4	6.06	7.24	3.85	11
11/25/98	16:45:00	63.23	493	5.87	7.23	3.85	11.2
11/25/98	17:00:00	62.69	491.7	6.07	7.24	3.84	11.5
11/25/98	17:15:00	63.12	492.5	5.99	7.25	3.83	11
11/25/98	17:30:00	62.76	493.6	5.92	7.24	3.83	11.4
11/25/98	17:45:00	62.53	491.5	6.15	7.25	3.82	12
11/25/98	18:00:00	62.76	492.4	6.12	7.26	3.81	14.2
11/25/98	18:15:00	62.56	492.4	6.03	7.25	3.81	11.7
11/25/98	18:30:00	62.53	493.8	5.91	7.25	3.82	14.3
11/25/98	18:45:00	62.67	491.8	6.1	7.26	3.8	12.3
11/25/98	19:00:00	62.65	491.9	6.14	7.26	3.8	12.6
11/25/98	19:15:00	62.94	494.8	5.86	7.25	3.8	11.7
11/25/98	19:30:00	62.69	494	5.74	7.26	3.8	11.4
11/25/98	19:45:00	62.51	492.8	5.79	7.26	3.81	10.5
11/25/98	20:00:00	61.7	491.9	6.1	7.27	3.8	11.5
11/25/98	20:15:00	62.04	493.3	5.99	7.26	3.8	10.2
11/25/98	20:30:00	62.6	493.4	5.8	7.26	3.79	10.2
11/25/98	20:45:00	61.77	487.8	6.09	7.27	3.79	10.9
11/25/98	21:00:00	62.08	489.5	5.99	7.26	3.79	9.7
11/25/98	21:15:00	61.45	491	6.11	7.26	3.79	9.7
11/25/98	21:30:00	62.1	493	5.83	7.25	3.79	10.6
11/25/98	21:45:00	61.3	490.7	6.22	7.27	3.79	9.9
11/25/98	22:00:00	61.47	489.7	6.04	7.27	3.79	10.7
11/25/98	22:15:00	61.88	494.3	5.83	7.25	3.79	9.6
11/25/98	22:30:00	61.47	495.7	5.87	7.25	3.78	9.8
11/25/98	22:45:00	61.99	493.6	5.71	7.24	3.78	8.8
11/25/98	23:00:00	61.84	493.3	5.88	7.26	3.77	8.9
11/25/98	23:15:00	61.36	495.2	6.02	7.26	3.77	9.3
11/25/98	23:30:00	60.49	497.1	5.93	7.26	3.77	9.6
11/25/98	23:45:00	61.11	498	5.84	7.26	3.77	8.9
11/26/98	0:00:00	61.79	496.1	5.55	7.26	3.76	9.3

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
MM/DD/YY	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
12/3/98	0:00:00	54.99	228.3	9.57	7.68	7.43	53.9
12/3/98	0:15:00	54.97	227.1	9.49	7.7	7.43	54.7
12/3/98	0:30:00	54.97	227.1	9.48	7.7	7.42	53.4
12/3/98	0:45:00	54.97	228.4	9.49	7.71	7.41	54.8
12/3/98	1:00:00	54.97	227.1	9.51	7.71	7.4	55.2
12/3/98	1:15:00	54.97	227.1	9.53	7.7	7.4	53.4
12/3/98	1:30:00	54.95	224.5	9.53	7.71	7.39	58.6
12/3/98	1:45:00	54.95	224.5	9.55	7.71	7.38	63.9
12/3/98	2:00:00	54.95	223.2	9.55	7.73	7.38	66.5
12/3/98	2:15:00	54.95	220.6	9.56	7.73	7.37	73.5
12/3/98	2:30:00	54.93	219.4	9.56	7.74	7.36	74.6
12/3/98	2:45:00	54.95	216.7	9.57	7.72	7.36	78.3
12/3/98	3:00:00	54.97	215.3	9.58	7.73	7.38	81.6
12/3/98	3:15:00	54.97	212.7	9.57	7.72	7.38	89.8
12/3/98	3:30:00	54.99	211.4	9.58	7.73	7.38	97.5
12/3/98	3:45:00	54.99	208.8	9.57	7.71	7.39	94
12/3/98	4:00:00	55	207.4	9.57	7.72	7.41	93.4
12/3/98	4:15:00	55	206.1	9.57	7.7	7.43	98.1
12/3/98	4:30:00	55.02	206.1	9.57	7.7	7.46	102.5
12/3/98	4:45:00	55.02	204.7	9.57	7.7	7.49	109.6
12/3/98	5:00:00	55.04	203.4	9.56	7.68	7.52	107.5
12/3/98	5:15:00	55.06	200.7	9.57	7.67	7.57	119.9
12/3/98	5:30:00	55.06	198.1	9.59	7.69	7.63	113.9
12/3/98	5:45:00	55.06	195.5	9.61	7.67	7.69	125.2
12/3/98	6:00:00	55.13	190.1	9.6	7.69	7.74	138.6
12/3/98	6:15:00	55.18	187.4	9.59	7.67	7.8	139.5
12/3/98	6:30:00	55.18	179.6	9.6	7.67	7.87	139.9
12/3/98	6:45:00	55.17	171.8	9.63	7.63	7.93	153.6
12/3/98	7:00:00	55.13	165.4	9.65	7.6	8	163.7
12/3/98	7:15:00	55.09	160.2	9.67	7.6	8.07	184.8
12/3/98	7:30:00	55.06	153.8	9.7	7.57	8.12	187.9
12/3/98	7:45:00	55	148.7	9.74	7.57	8.21	211.5
12/3/98	8:00:00	54.95	143.6	9.77	7.56	8.25	216.9
12/3/98	8:15:00	54.88	139.8	9.79	7.53	8.27	230.1
12/3/98	8:30:00	54.81	137.3	9.81	7.56	8.28	256.5
12/3/98	8:45:00	54.75	136.1	9.82	7.55	8.28	260.8
12/3/98	9:00:00	54.68	136.3	9.84	7.53	8.27	254
12/3/98	9:15:00	54.63	136.4	9.86	7.52	8.25	264.7
12/3/98	9:30:00	54.57	137.8	9.88	7.54	8.24	256.1
12/3/98	9:45:00	54.54	139.2	9.89	7.57	8.23	283.2
12/3/98	10:00:00	54.48	141.9	9.91	7.57	8.2	288.6
12/3/98	10:15:00	54.45	144.6	9.91	7.55	8.19	284.6
12/3/98	10:30:00	54.41	146	9.93	7.57	8.19	291.4
12/3/98	10:45:00	54.37	147.4	9.93	7.58	8.17	314.4
12/3/98	11:00:00	54.32	148.8	9.95	7.57	8.15	316.7
12/3/98	11:15:00	54.27	151.6	9.96	7.58	8.14	327.4
12/3/98	11:30:00	54.23	153	9.96	7.59	8.12	302

12/3/98	11:45:00	54.19	154.4	9.96	7.59	8.1	291.5
12/3/98	12:00:00	54.14	157.1	9.96	7.61	8.08	282
12/3/98	12:15:00	54.1	159.8	9.97	7.61	8.07	259.7
12/3/98	12:30:00	54.09	161.2	9.96	7.61	8.07	239.7
12/3/98	12:45:00	54.07	162.6	9.96	7.61	8.05	223.4
12/3/98	13:00:00	54.07	163.9	9.96	7.61	8.05	197.9
12/3/98	13:15:00	54.09	165.2	9.95	7.62	8.03	196.9
12/3/98	13:30:00	54.1	166.4	9.94	7.62	8.02	185.9
12/3/98	13:45:00	54.12	167.7	9.94	7.63	8.01	170.2
12/3/98	14:00:00	54.14	169	9.94	7.63	7.99	147.8
12/3/98	14:15:00	54.18	170.2	9.94	7.62	7.99	148.3
12/3/98	14:30:00	54.19	172.8	9.92	7.64	7.98	137.3
12/3/98	14:45:00	54.23	174.1	9.91	7.63	7.97	127.2
12/3/98	15:00:00	54.23	174.1	9.91	7.62	7.97	119.3
12/3/98	15:15:00	54.23	175.4	9.9	7.63	7.96	123.6
12/3/98	15:30:00	54.23	176.7	9.89	7.63	7.96	107.9
12/3/98	15:45:00	54.19	176.8	9.88	7.62	7.95	109.6
12/3/98	16:00:00	54.16	178.2	9.88	7.63	7.94	101.5
12/3/98	16:15:00	54.09	179.7	9.87	7.64	7.93	99.2
12/3/98	16:30:00	54	181.2	9.87	7.63	7.93	98.1
12/3/98	16:45:00	53.91	180.1	9.87	7.64	7.93	93.3
12/3/98	17:00:00	53.8	181.7	9.88	7.64	7.93	92
12/3/98	17:15:00	53.65	182.1	9.87	7.66	7.93	87.3
12/3/98	17:30:00	53.55	183.7	9.87	7.67	7.93	83.1
12/3/98	17:45:00	53.44	184	9.88	7.66	7.92	80.5
12/3/98	18:00:00	53.31	185.7	9.88	7.66	7.92	76.9
12/3/98	18:15:00	53.24	185.9	9.88	7.66	7.91	75.7
12/3/98	18:30:00	53.15	187.4	9.87	7.67	7.91	79.7
12/3/98	18:45:00	53.08	187.6	9.88	7.68	7.91	77.5
12/3/98	19:00:00	53.01	189.2	9.88	7.67	7.9	76
12/3/98	19:15:00	52.93	190.7	9.87	7.67	7.9	71.9
12/3/98	19:30:00	52.88	190.8	9.88	7.68	7.89	69.4
12/3/98	19:45:00	52.79	192.4	9.88	7.67	7.89	68.4
12/3/98	20:00:00	52.74	192.6	9.88	7.68	7.89	69.6
12/3/98	20:15:00	52.66	194.1	9.89	7.68	7.89	68.8
12/3/98	20:30:00	52.61	194.3	9.89	7.68	7.88	62.7
12/3/98	20:45:00	52.54	195.8	9.9	7.67	7.88	67.6
12/3/98	21:00:00	52.48	196	9.9	7.67	7.87	68.2
12/3/98	21:15:00	52.41	197.5	9.9	7.66	7.87	59
12/3/98	21:30:00	52.36	197.7	9.9	7.68	7.86	60.6
12/3/98	21:45:00	52.29	197.9	9.9	7.68	7.86	56.3
12/3/98	22:00:00	52.21	199.5	9.91	7.68	7.85	56.6
12/3/98	22:15:00	52.14	201	9.92	7.68	7.84	59.3
12/3/98	22:30:00	52.07	201.2	9.95	7.68	7.83	55.9
12/3/98	22:45:00	52	202.8	9.95	7.68	7.83	53
12/3/98	23:00:00	51.93	203	9.95	7.68	7.82	53.8
12/3/98	23:15:00	51.84	203.3	9.95	7.68	7.82	55.2
12/3/98	23:30:00	51.76	204.9	9.96	7.68	7.81	51.8
12/3/98	23:45:00	51.66	206.5	9.97	7.69	7.8	50.8

12/4/98	0:00:00	51.6	206.7	9.98	7.69	7.79	51.3
12/4/98	0:15:00	51.51	207	9.99	7.69	7.79	53.8
12/4/98	0:30:00	51.42	208.6	10	7.68	7.78	51.6
12/4/98	0:45:00	51.33	208.9	10.01	7.69	7.77	51
12/4/98	1:00:00	51.26	209.1	10.02	7.69	7.76	50.5
12/4/98	1:15:00	51.17	209.4	10.03	7.68	7.76	48.9
12/4/98	1:30:00	51.12	209.6	10.04	7.7	7.76	46.7
12/4/98	1:45:00	51.03	211.2	10.05	7.68	7.75	47.3
12/4/98	2:00:00	50.94	211.5	10.06	7.69	7.74	45.7
12/4/98	2:15:00	50.85	213.2	10.08	7.68	7.75	48.3
12/4/98	2:30:00	50.76	213.4	10.09	7.69	7.74	42.9
12/4/98	2:45:00	50.67	213.7	10.11	7.69	7.74	43.9
12/4/98	3:00:00	50.56	215.5	10.12	7.7	7.74	45.8
12/4/98	3:15:00	50.47	215.7	10.14	7.69	7.73	45.6
12/4/98	3:30:00	50.36	216.1	10.16	7.7	7.72	42.6
12/4/98	3:45:00	50.27	217.8	10.16	7.7	7.71	43.2
12/4/98	4:00:00	50.16	218.1	10.19	7.69	7.7	39.3
12/4/98	4:15:00	50.07	219.8	10.19	7.71	7.7	39.7
12/4/98	4:30:00	49.98	220.1	10.21	7.7	7.7	43
12/4/98	4:45:00	49.89	220.4	10.22	7.72	7.7	38.9
12/4/98	5:00:00	49.8	220.7	10.24	7.72	7.7	38.9
12/4/98	5:15:00	49.73	220.9	10.25	7.71	7.69	39.7
12/4/98	5:30:00	49.6	222.8	10.27	7.71	7.69	38.3
12/4/98	5:45:00	49.55	222.9	10.28	7.71	7.69	38.1
12/4/98	6:00:00	49.44	224.7	10.3	7.72	7.7	37
12/4/98	6:15:00	49.37	223.5	10.31	7.72	7.69	36.3
12/4/98	6:30:00	49.24	225.4	10.33	7.71	7.69	36.4
12/4/98	6:45:00	49.19	225.6	10.34	7.73	7.69	36.6
12/4/98	7:00:00	49.08	227.4	10.36	7.72	7.69	39.4
12/4/98	7:15:00	49.01	226.2	10.37	7.71	7.69	37
12/4/98	7:30:00	48.92	227.9	10.39	7.73	7.69	34.8
12/4/98	7:45:00	48.85	228.2	10.39	7.73	7.69	34.3
12/4/98	8:00:00	48.78	228.4	10.41	7.72	7.69	36.4
12/4/98	8:15:00	48.69	230.1	10.42	7.72	7.69	34.1
12/4/98	8:30:00	48.63	230.3	10.44	7.74	7.69	35.4
12/4/98	8:45:00	48.56	232	10.45	7.73	7.7	35
12/4/98	9:00:00	48.49	232.3	10.48	7.74	7.69	33.2
12/4/98	9:15:00	48.45	232.4	10.48	7.74	7.69	34
12/4/98	9:30:00	48.42	232.5	10.49	7.74	7.68	31.7
12/4/98	9:45:00	48.36	232.7	10.51	7.74	7.68	33
12/4/98	10:00:00	48.34	234.2	10.54	7.74	7.68	34.2
12/4/98	10:15:00	48.33	234.3	10.55	7.75	7.68	30.7
12/4/98	10:30:00	48.33	235.7	10.56	7.75	7.68	32.8
12/4/98	10:45:00	48.34	235.7	10.57	7.74	7.66	34.7
12/4/98	11:00:00	48.38	235.5	10.58	7.75	7.65	31.3
12/4/98	11:15:00	48.43	238.2	10.61	7.75	7.64	34.7
12/4/98	11:30:00	48.49	238	10.62	7.76	7.63	31.4
12/4/98	11:45:00	48.54	239.2	10.61	7.76	7.62	32
12/4/98	12:00:00	48.61	239	10.6	7.75	7.61	30.6

12/4/98	12:15:00	48.7	238.7	10.63	7.76	7.59	30.6
12/4/98	12:30:00	48.78	239.8	10.64	7.76	7.58	29.6
12/4/98	12:45:00	48.88	240.9	10.66	7.77	7.57	28.8
12/4/98	13:00:00	49.01	241.8	10.66	7.78	7.57	29.4
12/4/98	13:15:00	49.14	242.8	10.66	7.76	7.56	29.5
12/4/98	13:30:00	49.26	242.3	10.66	7.78	7.55	28.1
12/4/98	13:45:00	49.39	243.3	10.66	7.78	7.54	28.6
12/4/98	14:00:00	49.53	242.8	10.66	7.78	7.53	32.5
12/4/98	14:15:00	49.69	243.6	10.67	7.78	7.53	28.5
12/4/98	14:30:00	49.78	244.7	10.67	7.79	7.52	28.8
12/4/98	14:45:00	49.91	245.6	10.67	7.78	7.51	27.4
12/4/98	15:00:00	50	246.7	10.66	7.79	7.51	27.2
12/4/98	15:15:00	50.09	247.7	10.67	7.79	7.51	26.6
12/4/98	15:30:00	50.18	247.4	10.67	7.8	7.5	26.9
12/4/98	15:45:00	50.22	248.7	10.65	7.8	7.49	27.5
12/4/98	16:00:00	50.29	248.4	10.67	7.79	7.48	27.6
12/4/98	16:15:00	50.31	248.3	10.65	7.8	7.48	26.6
12/4/98	16:30:00	50.32	249.7	10.64	7.81	7.47	28
12/4/98	16:45:00	50.34	249.6	10.65	7.81	7.47	27
12/4/98	17:00:00	50.32	251.1	10.63	7.81	7.46	28.5
12/4/98	17:15:00	50.29	251.2	10.63	7.81	7.46	26.8
12/4/98	17:30:00	50.23	252.8	10.64	7.81	7.45	26.3
12/4/98	17:45:00	50.16	253.1	10.63	7.81	7.45	26.3
12/4/98	18:00:00	50.09	253.3	10.62	7.81	7.45	26.4
12/4/98	18:15:00	50	253.7	10.61	7.82	7.45	25.4
12/4/98	18:30:00	49.93	255.4	10.59	7.82	7.44	28.1
12/4/98	18:45:00	49.82	254.4	10.58	7.82	7.43	24.9
12/4/98	19:00:00	49.69	256.2	10.59	7.82	7.43	25.2
12/4/98	19:15:00	49.6	256.6	10.57	7.82	7.43	24.3
12/4/98	19:30:00	49.53	256.9	10.54	7.82	7.43	24.5
12/4/98	19:45:00	49.39	256	10.55	7.82	7.43	25.7
12/4/98	20:00:00	49.32	256.3	10.53	7.82	7.42	24.6
12/4/98	20:15:00	49.21	258.1	10.52	7.81	7.41	25.7
12/4/98	20:30:00	49.14	258.4	10.51	7.82	7.41	23.6
12/4/98	20:45:00	49.03	258.8	10.53	7.81	7.41	23.5
12/4/98	21:00:00	48.97	260.5	10.51	7.82	7.41	24.1
12/4/98	21:15:00	48.87	259.5	10.5	7.82	7.41	24.2
12/4/98	21:30:00	48.81	259.7	10.5	7.81	7.4	23
12/4/98	21:45:00	48.72	261.5	10.5	7.81	7.4	24.1
12/4/98	22:00:00	48.65	260.3	10.48	7.81	7.39	23.7
12/4/98	22:15:00	48.61	261.9	10.48	7.81	7.39	24.6
12/4/98	22:30:00	48.52	262.2	10.48	7.81	7.39	23.6
12/4/98	22:45:00	48.47	263.9	10.49	7.81	7.39	23.3
12/4/98	23:00:00	48.42	262.7	10.47	7.8	7.38	23.8
12/4/98	23:15:00	48.34	264.4	10.47	7.81	7.38	23.8
12/4/98	23:30:00	48.29	264.6	10.48	7.81	7.37	22.7
12/4/98	23:45:00	48.25	264.8	10.46	7.8	7.36	22.7
12/5/98	0:00:00	48.18	265	10.48	7.8	7.35	21.9
12/5/98	0:15:00	48.16	265.1	10.47	7.8	7.34	22.3

12/5/98	0:30:00	48.11	266.8	10.47	7.81	7.33	22.1
12/5/98	0:45:00	48.07	266.9	10.46	7.81	7.32	23.5
12/5/98	1:00:00	48.04	267.1	10.45	7.8	7.32	23.1
12/5/98	1:15:00	47.98	267.3	10.45	7.8	7.31	22.9
12/5/98	1:30:00	47.93	269	10.48	7.8	7.3	22.5
12/5/98	1:45:00	47.91	267.6	10.45	7.8	7.3	22.3
12/5/98	2:00:00	47.84	269.3	10.47	7.8	7.31	21.5
12/5/98	2:15:00	47.79	269.6	10.48	7.81	7.32	22
12/5/98	2:30:00	47.75	271.2	10.47	7.81	7.32	23
12/5/98	2:45:00	47.68	271.5	10.5	7.8	7.31	22.4
12/5/98	3:00:00	47.62	271.7	10.49	7.8	7.31	21.4
12/5/98	3:15:00	47.57	271.9	10.51	7.81	7.31	21.8
12/5/98	3:30:00	47.52	272.1	10.52	7.81	7.29	21.7
12/5/98	3:45:00	47.44	272.4	10.53	7.81	7.28	22.3
12/5/98	4:00:00	47.37	274.2	10.54	7.8	7.28	23.7
12/5/98	4:15:00	47.32	274.4	10.54	7.81	7.27	21.7
12/5/98	4:30:00	47.26	273.2	10.55	7.81	7.26	20.6
12/5/98	4:45:00	47.21	273.4	10.56	7.81	7.26	21.5
12/5/98	5:00:00	47.12	275.3	10.57	7.81	7.25	20.8
12/5/98	5:15:00	47.05	275.6	10.59	7.81	7.25	21.1
12/5/98	5:30:00	46.99	275.8	10.58	7.81	7.24	21.8
12/5/98	5:45:00	46.9	276.2	10.61	7.82	7.24	20.7
12/5/98	6:00:00	46.85	276.4	10.62	7.82	7.24	20.6
12/5/98	6:15:00	46.8	276.7	10.62	7.82	7.24	21
12/5/98	6:30:00	46.71	277.1	10.63	7.81	7.24	21
12/5/98	6:45:00	46.63	278.9	10.65	7.82	7.24	20.8
12/5/98	7:00:00	46.56	277.7	10.66	7.82	7.23	20.6
12/5/98	7:15:00	46.51	277.9	10.68	7.82	7.22	20.1
12/5/98	7:30:00	46.45	278.2	10.69	7.82	7.21	21.6
12/5/98	7:45:00	46.4	279.9	10.7	7.82	7.21	20.2
12/5/98	8:00:00	46.35	280.1	10.71	7.82	7.21	20.9
12/5/98	8:15:00	46.27	280.4	10.73	7.82	7.21	20.9
12/5/98	8:30:00	46.2	280.7	10.75	7.82	7.22	21
12/5/98	8:45:00	46.17	280.9	10.77	7.82	7.22	19.5
12/5/98	9:00:00	46.15	281	10.76	7.82	7.22	20.7
12/5/98	9:15:00	46.09	281.2	10.77	7.82	7.22	19.7
12/5/98	9:30:00	46.08	282.8	10.79	7.83	7.22	20.4
12/5/98	9:45:00	46.08	284.3	10.79	7.82	7.22	19.7
12/5/98	10:00:00	46.04	283	10.82	7.83	7.21	19.3
12/5/98	10:15:00	46.04	284.4	10.83	7.83	7.2	20.8
12/5/98	10:30:00	46.04	284.4	10.85	7.83	7.2	19.6
12/5/98	10:45:00	46.06	284.4	10.85	7.83	7.18	19.8
12/5/98	11:00:00	46.08	284.3	10.85	7.83	7.17	19.2
12/5/98	11:15:00	46.11	285.6	10.86	7.84	7.16	20.2
12/5/98	11:30:00	46.15	286.9	10.87	7.83	7.14	19.7
12/5/98	11:45:00	46.18	285.3	10.88	7.83	7.12	20.4
12/5/98	12:00:00	46.26	287.9	10.92	7.84	7.11	19.9
12/5/98	12:15:00	46.31	286.2	10.9	7.84	7.09	18.7
12/5/98	12:30:00	46.38	287.4	10.91	7.84	7.08	20.4



12/5/98	12:45:00	46.45	288.5	10.91	7.84	7.07	19.9
12/5/98	13:00:00	46.56	288	10.93	7.84	7.05	20
12/5/98	13:15:00	46.63	287.7	10.95	7.84	7.04	18.5
12/5/98	13:30:00	46.74	288.7	10.95	7.84	7.03	19.7
12/5/98	13:45:00	46.85	289.7	10.97	7.84	7.01	18
12/5/98	14:00:00	46.96	289.2	10.99	7.85	6.98	19.4
12/5/98	14:15:00	47.1	290	11.02	7.85	6.96	19
12/5/98	14:30:00	47.21	291	11.03	7.86	6.95	18.8
12/5/98	14:45:00	47.35	290.3	11.05	7.86	6.93	18.5
12/5/98	15:00:00	47.48	291.2	11.06	7.86	6.91	18.8
12/5/98	15:15:00	47.57	292.3	11.05	7.87	6.89	18.7
12/5/98	15:30:00	47.64	291.9	11.04	7.87	6.87	19.3
12/5/98	15:45:00	47.75	292.9	11.04	7.87	6.85	21
12/5/98	16:00:00	47.84	292.5	11.04	7.87	6.82	19.4
12/5/98	16:15:00	47.91	293.6	11.04	7.88	6.8	18.9
12/5/98	16:30:00	47.98	293.3	11.02	7.87	6.77	19.3
12/5/98	16:45:00	48.04	294.5	11.02	7.88	6.75	20.4
12/5/98	17:00:00	48.11	294.2	11.02	7.88	6.73	20.9
12/5/98	17:15:00	48.15	295.5	10.99	7.88	6.7	18.6
12/5/98	17:30:00	48.22	296.6	10.97	7.88	6.68	20
12/5/98	17:45:00	48.27	296.3	10.96	7.88	6.67	20.1
12/5/98	18:00:00	48.31	296.2	10.95	7.88	6.67	18.3
12/5/98	18:15:00	48.34	296	10.91	7.87	6.71	21.3
12/5/98	18:30:00	48.38	297.3	10.92	7.87	6.72	20.9
12/5/98	18:45:00	48.38	295.8	10.89	7.87	6.72	18.8
12/5/98	19:00:00	48.4	297.2	10.93	7.87	6.72	21.5
12/5/98	19:15:00	48.42	297.1	10.87	7.88	6.72	20.3
12/5/98	19:30:00	48.42	298.6	10.85	7.87	6.74	19.9
12/5/98	19:45:00	48.42	298.6	10.84	7.88	6.78	21
12/5/98	20:00:00	48.36	300.2	10.81	7.87	6.89	29.7
12/5/98	20:15:00	48.25	305	10.72	7.86	7.01	34.7
12/5/98	20:30:00	48.13	307.1	10.69	7.87	7.06	53.3
12/5/98	20:45:00	48.22	296.6	10.69	7.85	7.06	62.3
12/5/98	21:00:00	48.49	289.6	10.64	7.82	7.06	70.5
12/5/98	21:15:00	48.7	280.1	10.57	7.8	7.06	70.7
12/5/98	21:30:00	48.83	262.5	10.49	7.78	7.06	77.5
12/5/98	21:45:00	48.81	244	10.47	7.75	7.06	78.4
12/5/98	22:00:00	48.72	224.3	10.46	7.72	7.08	85.2
12/5/98	22:15:00	48.58	209	10.47	7.7	7.09	72.7
12/5/98	22:30:00	48.42	196.6	10.48	7.68	7.11	72.1
12/5/98	22:45:00	48.25	188.5	10.5	7.67	7.13	74.4
12/5/98	23:00:00	48.11	184.6	10.54	7.67	7.12	72
12/5/98	23:15:00	47.98	184.9	10.58	7.67	7.12	67.6
12/5/98	23:30:00	47.91	189.5	10.6	7.67	7.12	62
12/5/98	23:45:00	47.88	195.4	10.61	7.69	7.12	66.6
12/6/98	0:00:00	47.84	199.8	10.63	7.68	7.11	65.5
12/6/98	0:15:00	47.79	201.4	10.64	7.7	7.11	58.7
12/6/98	0:30:00	47.73	203.1	10.65	7.7	7.1	60.4
12/6/98	0:45:00	47.64	200.4	10.67	7.69	7.1	66.3

12/6/98	1:00:00	47.57	197.8	10.67	7.69	7.09	74.9
12/6/98	1:15:00	47.5	193.6	10.68	7.68	7.09	85.4
12/6/98	1:30:00	47.43	190.9	10.68	7.67	7.09	95.4
12/6/98	1:45:00	47.35	186.7	10.67	7.66	7.08	109.2
12/6/98	2:00:00	47.28	182.6	10.68	7.65	7.07	121.7
12/6/98	2:15:00	47.19	179.9	10.68	7.64	7.07	123.7
12/6/98	2:30:00	47.12	180.1	10.68	7.63	7.07	117.1
12/6/98	2:45:00	47.01	180.4	10.7	7.62	7.07	141.5
12/6/98	3:00:00	46.92	180.7	10.7	7.6	7.07	144.2
12/6/98	3:15:00	46.83	182.4	10.72	7.61	7.07	139.3
12/6/98	3:30:00	46.74	185.6	10.72	7.61	7.07	144.2
12/6/98	3:45:00	46.67	187.3	10.73	7.6	7.07	142.4
12/6/98	4:00:00	46.58	190.5	10.75	7.61	7.06	128
12/6/98	4:15:00	46.53	192.1	10.75	7.6	7.07	148.8
12/6/98	4:30:00	46.47	193.8	10.76	7.61	7.07	147.4
12/6/98	4:45:00	46.42	196.9	10.77	7.6	7.07	149.4
12/6/98	5:00:00	46.38	198.5	10.77	7.6	7.08	136.9
12/6/98	5:15:00	46.35	198.6	10.77	7.62	7.08	130.4
12/6/98	5:30:00	46.31	201.7	10.77	7.61	7.08	131.5
12/6/98	5:45:00	46.27	201.8	10.79	7.62	7.08	125.2
12/6/98	6:00:00	46.24	201.9	10.8	7.62	7.08	120.9
12/6/98	6:15:00	46.2	203.5	10.8	7.62	7.08	118.9
12/6/98	6:30:00	46.15	205.2	10.81	7.63	7.08	115.1
12/6/98	6:45:00	46.11	205.3	10.81	7.63	7.08	103.1
12/6/98	7:00:00	46.08	206.9	10.82	7.63	7.08	108
12/6/98	7:15:00	46.02	208.6	10.83	7.63	7.08	105.2
12/6/98	7:30:00	45.97	211.7	10.85	7.65	7.08	90.2
12/6/98	7:45:00	45.93	213.3	10.84	7.65	7.08	91.4
12/6/98	8:00:00	45.9	214.9	10.86	7.65	7.08	86.1
12/6/98	8:15:00	45.86	218.1	10.86	7.66	7.07	80.2
12/6/98	8:30:00	45.82	221.2	10.87	7.67	7.07	80.4
12/6/98	8:45:00	45.79	222.8	10.89	7.66	7.08	84.3
12/6/98	9:00:00	45.75	225.9	10.9	7.67	7.08	79.3
12/6/98	9:15:00	45.73	227.5	10.89	7.68	7.08	75.8
12/6/98	9:30:00	45.73	230.5	10.89	7.68	7.09	77.6
12/6/98	9:45:00	45.73	233.5	10.92	7.68	7.09	75.1
12/6/98	10:00:00	45.75	234.9	10.9	7.69	7.08	67.2
12/6/98	10:15:00	45.79	236.2	10.93	7.69	7.08	69.8
12/6/98	10:30:00	45.82	237.6	10.93	7.7	7.07	70.5
12/6/98	10:45:00	45.88	238.9	10.92	7.69	7.07	68.6
12/6/98	11:00:00	45.95	241.6	10.93	7.7	7.06	65.4
12/6/98	11:15:00	46.02	242.8	10.93	7.7	7.05	63.2
12/6/98	11:30:00	46.13	243.9	10.93	7.7	7.04	62.2
12/6/98	11:45:00	46.24	243.5	10.94	7.69	7.03	58.5
12/6/98	12:00:00	46.35	246	10.96	7.71	7.02	64.1
12/6/98	12:15:00	46.49	245.5	10.95	7.71	7.01	58.5
12/6/98	12:30:00	46.62	246.5	10.96	7.71	7	62.6
12/6/98	12:45:00	46.76	247.4	10.95	7.71	6.99	58.4
12/6/98	13:00:00	46.9	248.3	10.94	7.71	6.99	58.2

12/6/98	13:15:00	47.08	249.1	10.95	7.71	6.98	58.9
12/6/98	13:30:00	47.23	250	10.92	7.72	6.98	58.3
12/6/98	13:45:00	47.41	252.2	10.88	7.73	6.97	56.9
12/6/98	14:00:00	47.57	253	10.85	7.74	6.97	60.8
12/6/98	14:15:00	47.71	255.4	10.82	7.74	6.97	60
12/6/98	14:30:00	47.86	256.2	10.8	7.75	6.97	58.8
12/6/98	14:45:00	47.98	257.2	10.8	7.75	6.97	55.9
12/6/98	15:00:00	48.11	258.1	10.78	7.75	6.96	60.9
12/6/98	15:15:00	48.24	260.5	10.76	7.75	6.97	57.1
12/6/98	15:30:00	48.33	261.6	10.76	7.75	6.97	53.1
12/6/98	15:45:00	48.43	261.2	10.76	7.76	6.97	57.3
12/6/98	16:00:00	48.49	260.9	10.75	7.76	6.97	54.1
12/6/98	16:15:00	48.54	262.2	10.76	7.76	6.98	52.8
12/6/98	16:30:00	48.58	263.5	10.75	7.76	6.97	49.1
12/6/98	16:45:00	48.6	263.4	10.74	7.76	6.97	58.2
12/6/98	17:00:00	48.6	264.8	10.77	7.75	6.98	54.8
12/6/98	17:15:00	48.58	264.9	10.83	7.76	6.98	53.6
12/6/98	17:30:00	48.52	265.1	10.81	7.76	6.99	51.6
12/6/98	17:45:00	48.47	265.3	10.81	7.76	6.99	52.1
12/6/98	18:00:00	48.38	267.1	10.82	7.76	6.99	50.5
12/6/98	18:15:00	48.31	267.4	10.8	7.76	7	55.2
12/6/98	18:30:00	48.2	267.9	10.8	7.77	7	51
12/6/98	18:45:00	48.11	268.2	10.78	7.76	7	52.7
12/6/98	19:00:00	48	270.1	10.77	7.77	7	48.3
12/6/98	19:15:00	47.89	270.6	10.79	7.76	7	50
12/6/98	19:30:00	47.75	269.7	10.8	7.76	6.99	49.2
12/6/98	19:45:00	47.64	270.2	10.79	7.76	7	51.9
12/6/98	20:00:00	47.53	270.6	10.78	7.76	7	48.4
12/6/98	20:15:00	47.43	271.1	10.8	7.76	7	49.7
12/6/98	20:30:00	47.34	271.4	10.79	7.76	6.99	47.1
12/6/98	20:45:00	47.26	271.7	10.78	7.77	7.01	46.8
12/6/98	21:00:00	47.16	272.2	10.79	7.77	7.01	45.9
12/6/98	21:15:00	47.07	274	10.79	7.76	7.01	44.8
12/6/98	21:30:00	46.96	273	10.81	7.76	7.01	47.2
12/6/98	21:45:00	46.87	273.4	10.8	7.77	7	40.1
12/6/98	22:00:00	46.81	275.1	10.8	7.77	7	43.4
12/6/98	22:15:00	46.72	275.5	10.8	7.77	7	45.7
12/6/98	22:30:00	46.65	275.8	10.82	7.77	7	39.5
12/6/98	22:45:00	46.56	276.2	10.82	7.77	7	40.2
12/6/98	23:00:00	46.51	276.4	10.8	7.77	7	41.8
12/6/98	23:15:00	46.45	278.2	10.82	7.77	7	38.7
12/6/98	23:30:00	46.38	278.5	10.81	7.77	7	40.1
12/6/98	23:45:00	46.35	278.6	10.81	7.77	6.99	42.1
12/7/98	0:00:00	46.27	278.9	10.84	7.77	6.99	37.1
12/7/98	0:15:00	46.24	279.1	10.83	7.77	6.98	39.3
12/7/98	0:30:00	46.2	279.3	10.82	7.77	6.98	35.2
12/7/98	0:45:00	46.17	280.9	10.82	7.77	6.98	34.8
12/7/98	1:00:00	46.11	281.1	10.82	7.77	6.98	38
12/7/98	1:15:00	46.06	282.9	10.83	7.77	6.98	39

12/7/98	1:30:00	46.04	281.5	10.83	7.77	6.98	36
12/7/98	1:45:00	46	281.6	10.84	7.77	6.98	42.3
12/7/98	2:00:00	45.95	283.4	10.86	7.77	6.99	32.2
12/7/98	2:15:00	45.93	283.4	10.85	7.77	6.98	34.1
12/7/98	2:30:00	45.9	283.6	10.86	7.78	6.98	36.5
12/7/98	2:45:00	45.84	285.3	10.85	7.77	6.98	36.9
12/7/98	3:00:00	45.81	284	10.86	7.77	6.98	37.1
12/7/98	3:15:00	45.77	285.7	10.86	7.77	6.98	32.9
12/7/98	3:30:00	45.73	285.8	10.89	7.77	6.99	33.2
12/7/98	3:45:00	45.7	286	10.88	7.77	6.98	35.3
12/7/98	4:00:00	45.63	286.3	10.91	7.78	6.99	34
12/7/98	4:15:00	45.63	287.8	10.88	7.78	6.99	36.9
12/7/98	4:30:00	45.57	288.1	10.9	7.77	6.99	38.4
12/7/98	4:45:00	45.5	288.4	10.93	7.77	6.99	30.3
12/7/98	5:00:00	45.45	288.6	10.93	7.78	6.99	31.6
12/7/98	5:15:00	45.39	290.4	10.95	7.78	6.99	30.8
12/7/98	5:30:00	45.36	290.6	10.95	7.78	6.98	30.6
12/7/98	5:45:00	45.28	290.9	10.97	7.78	6.98	30.5
12/7/98	6:00:00	45.23	291.2	10.98	7.78	6.98	30
12/7/98	6:15:00	45.16	291.5	11	7.78	6.98	33.5
12/7/98	6:30:00	45.09	291.8	11.02	7.78	6.98	32.3
12/7/98	6:45:00	45.07	291.9	11.01	7.78	6.99	29.6
12/7/98	7:00:00	44.96	292.4	11.06	7.78	6.99	31.1
12/7/98	7:15:00	44.94	294	11.03	7.79	6.98	33.6
12/7/98	7:30:00	44.83	294.5	11.06	7.79	6.98	38.2
12/7/98	7:45:00	44.78	294.8	11.09	7.79	6.97	29.3
12/7/98	8:00:00	44.74	296.5	11.08	7.79	6.98	30.1
12/7/98	8:15:00	44.67	295.3	11.11	7.79	6.97	31.7
12/7/98	8:30:00	44.62	295.6	11.11	7.79	6.98	38.9
12/7/98	8:45:00	44.56	295.8	11.13	7.79	6.97	37.7
12/7/98	9:00:00	44.53	296	11.15	7.79	6.97	29.8
12/7/98	9:15:00	44.49	297.7	11.15	7.79	6.97	29.6
12/7/98	9:30:00	44.46	297.9	11.17	7.79	6.97	32.7
12/7/98	9:45:00	44.46	299.4	11.17	7.8	6.98	35.5
12/7/98	10:00:00	44.44	297.9	11.18	7.8	6.99	28.1
12/7/98	10:15:00	44.44	299.5	11.2	7.79	6.98	32.1
12/7/98	10:30:00	44.44	299.5	11.21	7.8	6.97	33
12/7/98	10:45:00	44.46	300.9	11.22	7.8	6.96	39.8
12/7/98	11:00:00	44.46	300.9	11.24	7.8	6.96	32.5
12/7/98	11:15:00	44.49	302.3	11.24	7.8	6.95	34.6
12/7/98	11:30:00	44.53	302.1	11.27	7.8	6.95	38.4
12/7/98	11:45:00	44.58	301.8	11.26	7.8	6.94	29.1
12/7/98	12:00:00	44.64	301.6	11.29	7.81	6.94	34.6
12/7/98	12:15:00	44.69	302.8	11.28	7.8	6.93	37.6
12/7/98	12:30:00	44.78	302.4	11.29	7.81	6.91	28.7
12/7/98	12:45:00	44.87	303.5	11.29	7.81	6.91	33.1
12/7/98	13:00:00	44.98	304.4	11.33	7.81	6.89	39.4
12/7/98	13:15:00	45.12	303.7	11.33	7.81	6.87	30.5
12/7/98	13:30:00	45.27	304.6	11.36	7.82	6.86	35.2

12/7/98	13:45:00	45.41	305.4	11.38	7.82	6.86	38.3
12/7/98	14:00:00	45.57	306.1	11.42	7.83	6.86	27.9
12/7/98	14:15:00	45.7	305.5	11.42	7.83	6.85	33.9
12/7/98	14:30:00	45.84	306.3	11.43	7.83	6.83	42.3
12/7/98	14:45:00	45.99	307	11.45	7.83	6.82	32.5
12/7/98	15:00:00	46.13	307.8	11.46	7.84	6.83	41.7
12/7/98	15:15:00	46.29	307.1	11.47	7.85	6.83	29.8
12/7/98	15:30:00	46.44	307.8	11.51	7.85	6.82	43.8
12/7/98	15:45:00	46.58	308.6	11.5	7.85	6.82	32.5
12/7/98	16:00:00	46.74	309.3	11.48	7.86	6.82	39.9
12/7/98	16:15:00	46.89	308.6	11.49	7.86	6.81	30.4
12/7/98	16:30:00	47.01	309.5	11.48	7.86	6.81	42.1
12/7/98	16:45:00	47.14	310.3	11.47	7.86	6.8	33.4
12/7/98	17:00:00	47.25	309.8	11.44	7.87	6.8	42.1
12/7/98	17:15:00	47.37	310.7	11.45	7.87	6.79	31.4
12/7/98	17:30:00	47.46	311.7	11.42	7.87	6.79	41.6
12/7/98	17:45:00	47.57	311.2	11.41	7.87	6.8	32.4
12/7/98	18:00:00	47.64	312.3	11.39	7.87	6.79	43.6
12/7/98	18:15:00	47.71	311.9	11.38	7.88	6.79	32.4
12/7/98	18:30:00	47.77	314.6	11.35	7.88	6.8	42.1
12/7/98	18:45:00	47.82	312.9	11.34	7.88	6.8	32.9
12/7/98	19:00:00	47.84	314.2	11.3	7.88	6.78	41.9
12/7/98	19:15:00	47.86	314.1	11.29	7.88	6.77	33.4
12/7/98	19:30:00	47.88	314.1	11.26	7.88	6.78	39.4
12/7/98	19:45:00	47.89	314	11.21	7.88	6.77	29.5
12/7/98	20:00:00	47.89	315.4	11.21	7.88	6.77	44.3
12/7/98	20:15:00	47.89	315.4	11.18	7.88	6.77	28.6
12/7/98	20:30:00	47.89	315.4	11.14	7.88	6.76	40
12/7/98	20:45:00	47.89	316.9	11.11	7.88	6.76	30.6
12/7/98	21:00:00	47.88	316.9	11.09	7.88	6.75	38.5
12/7/98	21:15:00	47.88	316.9	11.04	7.87	6.76	31.8
12/7/98	21:30:00	47.86	317	11.02	7.87	6.76	41.2
12/7/98	21:45:00	47.82	318.7	10.99	7.87	6.75	32
12/7/98	22:00:00	47.8	318.7	10.96	7.87	6.74	42
12/7/98	22:15:00	47.79	318.8	10.95	7.86	6.73	30.9
12/7/98	22:30:00	47.77	318.9	10.93	7.87	6.73	40.8
12/7/98	22:45:00	47.73	319.1	10.92	7.86	6.74	29.9
12/7/98	23:00:00	47.71	319.2	10.92	7.86	6.74	42.4
12/7/98	23:15:00	47.7	320.7	10.9	7.86	6.72	32.1
12/7/98	23:30:00	47.68	320.8	10.89	7.86	6.73	40.2
12/7/98	23:45:00	47.64	321	10.87	7.86	6.72	29.4
12/8/98	0:00:00	47.64	321	10.87	7.86	6.72	37.8
12/8/98	0:15:00	47.61	321.2	10.87	7.86	6.72	48.2
12/8/98	0:30:00	47.59	322.7	10.85	7.86	6.72	38.1
12/8/98	0:45:00	47.59	321.3	10.84	7.86	6.72	29.4
12/8/98	1:00:00	47.57	321.4	10.83	7.85	6.72	37.9
12/8/98	1:15:00	47.57	322.8	10.82	7.85	6.71	27.9
12/8/98	1:30:00	47.55	322.9	10.8	7.84	6.72	34.9
12/8/98	1:45:00	47.55	322.9	10.79	7.85	6.72	48.6

12/8/98	2:00:00	47.53	323	10.79	7.85	6.72	39.6
12/8/98	2:15:00	47.53	324.4	10.78	7.84	6.72	42.8
12/8/98	2:30:00	47.53	325.9	10.76	7.84	6.73	33.2
12/8/98	2:45:00	47.55	325.8	10.75	7.83	6.75	46.6
12/8/98	3:00:00	47.57	327.2	10.73	7.83	6.76	36.1
12/8/98	3:15:00	47.62	329.8	10.72	7.83	6.78	46.4
12/8/98	3:30:00	47.66	331.1	10.69	7.83	6.79	36.9
12/8/98	3:45:00	47.73	332.2	10.68	7.83	6.79	46.5
12/8/98	4:00:00	47.82	333.1	10.66	7.83	6.8	52.5
12/8/98	4:15:00	47.93	332.6	10.63	7.83	6.79	42.8
12/8/98	4:30:00	48.04	332	10.61	7.82	6.8	52.1
12/8/98	4:45:00	48.2	331.2	10.58	7.82	6.81	66.6
12/8/98	5:00:00	48.38	331.7	10.52	7.81	6.81	53
12/8/98	5:15:00	48.49	334.1	10.48	7.81	6.81	64.6
12/8/98	5:30:00	48.63	333.3	10.41	7.8	6.81	46.6
12/8/98	5:45:00	48.72	331.5	10.37	7.79	6.81	55.4
12/8/98	6:00:00	48.81	326.7	10.32	7.78	6.81	50.7
12/8/98	6:15:00	48.87	320.8	10.3	7.77	6.81	61.4
12/8/98	6:30:00	48.88	315	10.27	7.76	6.81	79.1
12/8/98	6:45:00	48.88	307.8	10.26	7.75	6.82	67.7
12/8/98	7:00:00	48.88	300.7	10.23	7.74	6.81	84.5
12/8/98	7:15:00	48.87	295.1	10.19	7.73	6.81	68.5
12/8/98	7:30:00	48.85	288	10.19	7.72	6.79	92.4
12/8/98	7:45:00	48.81	285.3	10.19	7.72	6.79	79
12/8/98	8:00:00	48.79	282.6	10.18	7.71	6.8	63.6
12/8/98	8:15:00	48.76	279.9	10.2	7.7	6.81	82.9
12/8/98	8:30:00	48.72	275.7	10.2	7.7	6.81	71.2
12/8/98	8:45:00	48.7	274.4	10.19	7.69	6.82	90.8
12/8/98	9:00:00	48.69	274.5	10.21	7.69	6.82	82.4
12/8/98	9:15:00	48.67	274.5	10.21	7.69	6.82	60.3
12/8/98	9:30:00	48.65	273.2	10.22	7.68	6.82	91
12/8/98	9:45:00	48.67	274.5	10.22	7.68	6.82	71.1
12/8/98	10:00:00	48.69	273	10.2	7.69	6.82	56.5
12/8/98	10:15:00	48.72	272.9	10.23	7.68	6.81	78
12/8/98	10:30:00	48.74	274.2	10.21	7.68	6.8	78
12/8/98	10:45:00	48.78	274.1	10.2	7.69	6.8	60.8
12/8/98	11:00:00	48.83	273.9	10.21	7.69	6.79	86.4
12/8/98	11:15:00	48.9	273.6	10.2	7.69	6.79	68.8
12/8/98	11:30:00	48.99	273.2	10.18	7.69	6.78	107.2
12/8/98	11:45:00	49.06	272.9	10.2	7.69	6.77	99.6
12/8/98	12:00:00	49.17	273.9	10.25	7.68	6.76	100.7
12/8/98	12:15:00	49.26	273.5	10.26	7.69	6.74	105
12/8/98	12:30:00	49.41	271.5	10.29	7.69	6.73	109
12/8/98	12:45:00	49.53	271	10.29	7.69	6.72	105.5
12/8/98	13:00:00	49.64	270.5	10.29	7.69	6.72	91.1
12/8/98	13:15:00	49.8	269.9	10.33	7.69	6.72	74
12/8/98	13:30:00	49.91	269.5	10.34	7.69	6.71	67.3
12/8/98	13:45:00	50.04	269	10.37	7.69	6.71	103.4
12/8/98	14:00:00	50.18	268.4	10.4	7.69	6.7	89

12/8/98	14:15:00	50.31	267.9	10.41	7.69	6.69	84.2
12/8/98	14:30:00	50.45	267.3	10.43	7.69	6.69	65.9
12/8/98	14:45:00	50.59	268.1	10.43	7.7	6.68	107.3
12/8/98	15:00:00	50.77	267.4	10.44	7.7	6.68	91.1
12/8/98	15:15:00	50.94	268.2	10.45	7.7	6.68	67.2
12/8/98	15:30:00	51.06	267.7	10.44	7.7	6.68	125
12/8/98	15:45:00	51.17	268.6	10.44	7.71	6.68	112.6
12/8/98	16:00:00	51.26	269.6	10.45	7.71	6.68	90.5
12/8/98	16:15:00	51.33	269.4	10.47	7.71	6.68	105.7
12/8/98	16:30:00	51.39	270.5	10.46	7.72	6.68	108.4
12/8/98	16:45:00	51.4	270.5	10.43	7.72	6.68	113.1
12/8/98	17:00:00	51.4	271.8	10.42	7.72	6.67	110.9
12/8/98	17:15:00	51.39	273.3	10.44	7.72	6.67	115.6
12/8/98	17:30:00	51.35	273.4	10.45	7.73	6.67	114.7
12/8/98	17:45:00	51.3	275	10.45	7.73	6.68	116.5
12/8/98	18:00:00	51.24	276.6	10.46	7.73	6.69	111.6
12/8/98	18:15:00	51.19	278.2	10.44	7.73	6.68	93.9
12/8/98	18:30:00	51.12	278.5	10.43	7.74	6.68	88.9
12/8/98	18:45:00	51.01	280.3	10.41	7.74	6.68	78.1
12/8/98	19:00:00	50.94	280.6	10.41	7.74	6.68	60.5
12/8/98	19:15:00	50.83	281.1	10.4	7.74	6.68	117.3
12/8/98	19:30:00	50.72	282.9	10.38	7.74	6.67	108.8
12/8/98	19:45:00	50.59	283.4	10.36	7.74	6.67	99.4
12/8/98	20:00:00	50.56	285	10.32	7.75	6.66	110.8
12/8/98	20:15:00	50.43	285.5	10.32	7.75	6.67	102.3
12/8/98	20:30:00	50.34	287.3	10.3	7.75	6.66	87.4
12/8/98	20:45:00	50.27	287.6	10.28	7.75	6.67	69.9
12/8/98	21:00:00	50.18	287.9	10.26	7.75	6.67	68.6
12/8/98	21:15:00	50.07	289.8	10.27	7.75	6.66	65
12/8/98	21:30:00	49.96	290.3	10.26	7.75	6.66	131.2
12/8/98	21:45:00	49.89	292	10.26	7.75	6.66	62.4
12/8/98	22:00:00	49.82	292.3	10.24	7.75	6.65	127.7
12/8/98	22:15:00	49.73	292.7	10.22	7.75	6.64	127.3
12/8/98	22:30:00	49.66	294.4	10.21	7.75	6.64	110.4
12/8/98	22:45:00	49.57	294.8	10.22	7.74	6.64	111.2
12/8/98	23:00:00	49.48	296.6	10.22	7.75	6.64	95.5
12/8/98	23:15:00	49.37	297.1	10.22	7.75	6.64	69.7
12/8/98	23:30:00	49.28	296.1	10.22	7.75	6.64	137
12/8/98	23:45:00	49.17	298	10.23	7.75	6.63	114
12/9/98	0:00:00	49.05	298.6	10.23	7.75	6.62	88.4
12/9/98	0:15:00	48.99	298.8	10.24	7.75	6.62	138.2
12/9/98	0:30:00	48.9	299.2	10.24	7.75	6.62	101
12/9/98	0:45:00	48.81	301	10.24	7.75	6.61	82
12/9/98	1:00:00	48.72	300	10.25	7.75	6.61	66
12/9/98	1:15:00	48.63	300.4	10.27	7.75	6.6	87.1
12/9/98	1:30:00	48.58	302.1	10.26	7.75	6.6	65.5
12/9/98	1:45:00	48.45	302.7	10.3	7.75	6.59	94
12/9/98	2:00:00	48.42	302.9	10.27	7.75	6.59	66.5
12/9/98	2:15:00	48.27	303.5	10.32	7.74	6.59	100.8

12/9/98	2:30:00	48.24	305.1	10.31	7.75	6.59	81.2
12/9/98	2:45:00	48.15	305.6	10.33	7.75	6.58	112.7
12/9/98	3:00:00	48.07	305.9	10.34	7.75	6.58	69.9
12/9/98	3:15:00	48	306.2	10.33	7.75	6.57	115.3
12/9/98	3:30:00	47.93	306.6	10.36	7.75	6.57	74.4
12/9/98	3:45:00	47.86	306.9	10.37	7.75	6.56	108.7
12/9/98	4:00:00	47.79	308.7	10.37	7.75	6.56	76.4
12/9/98	4:15:00	47.73	307.5	10.38	7.76	6.55	107.4
12/9/98	4:30:00	47.64	309.4	10.4	7.76	6.54	73
12/9/98	4:45:00	47.57	309.7	10.41	7.75	6.53	104.8
12/9/98	5:00:00	47.5	310.1	10.41	7.76	6.54	66.6
12/9/98	5:15:00	47.41	310.5	10.45	7.76	6.54	91.7
12/9/98	5:30:00	47.34	310.8	10.45	7.76	6.54	64.2
12/9/98	5:45:00	47.28	311.1	10.45	7.76	6.54	83.1
12/9/98	6:00:00	47.21	311.5	10.48	7.76	6.54	62.6
12/9/98	6:15:00	47.14	313.3	10.46	7.77	6.54	97.2
12/9/98	6:30:00	47.03	313.8	10.51	7.77	6.53	146
12/9/98	6:45:00	46.98	314.1	10.51	7.77	6.53	120.3
12/9/98	7:00:00	46.9	314.4	10.53	7.77	6.53	92.2
12/9/98	7:15:00	46.81	316.3	10.54	7.77	6.52	75
12/9/98	7:30:00	46.74	315.2	10.58	7.78	6.52	133.9
12/9/98	7:45:00	46.67	317	10.59	7.78	6.51	105.9
12/9/98	8:00:00	46.62	317.3	10.59	7.78	6.51	81.9
12/9/98	8:15:00	46.54	317.7	10.61	7.78	6.51	132.2
12/9/98	8:30:00	46.49	319.4	10.64	7.78	6.52	93.2
12/9/98	8:45:00	46.42	318.3	10.66	7.78	6.51	165.4
12/9/98	9:00:00	46.36	318.6	10.68	7.79	6.52	91.5
12/9/98	9:15:00	46.35	318.6	10.67	7.79	6.52	156.8
12/9/98	9:30:00	46.31	320.3	10.69	7.79	6.52	84.8
12/9/98	9:45:00	46.27	320.5	10.72	7.79	6.52	159.3
12/9/98	10:00:00	46.26	320.6	10.71	7.8	6.52	121
12/9/98	10:15:00	46.26	322.1	10.72	7.8	6.52	80
12/9/98	10:30:00	46.26	323.6	10.73	7.8	6.52	116
12/9/98	10:45:00	46.27	323.5	10.75	7.8	6.51	67
12/9/98	11:00:00	46.29	323.4	10.78	7.8	6.5	143.6
12/9/98	11:15:00	46.33	323.2	10.78	7.8	6.49	118.5
12/9/98	11:30:00	46.36	324.5	10.75	7.8	6.48	62.8
12/9/98	11:45:00	46.4	324.3	10.78	7.81	6.47	143.1
12/9/98	12:00:00	46.47	323.9	10.82	7.81	6.46	168.2
12/9/98	12:15:00	46.54	325	10.81	7.81	6.45	118.1
12/9/98	12:30:00	46.63	324.6	10.82	7.81	6.45	81.7
12/9/98	12:45:00	46.76	326.9	10.86	7.81	6.44	159.5
12/9/98	13:00:00	46.89	326.3	10.84	7.82	6.43	138.1
12/9/98	13:15:00	47.01	325.6	10.85	7.82	6.42	110.2
12/9/98	13:30:00	47.17	326.3	10.89	7.82	6.41	115.3
12/9/98	13:45:00	47.32	328.4	10.93	7.82	6.41	83.2
12/9/98	14:00:00	47.53	327.4	10.95	7.83	6.41	172.5
12/9/98	14:15:00	47.73	327.8	11.02	7.83	6.4	145.1
12/9/98	14:30:00	47.89	328.4	11.03	7.83	6.39	135.9



12/9/98	14:45:00	48.11	328.8	11.05	7.84	6.39	104.4
12/9/98	15:00:00	48.31	330.7	11.08	7.84	6.39	75.5
12/9/98	15:15:00	48.49	331.2	11.07	7.85	6.4	167.7
12/9/98	15:30:00	48.7	331.5	11.09	7.85	6.39	127.2
12/9/98	15:45:00	48.87	330.7	11.08	7.85	6.39	90.3
12/9/98	16:00:00	49.05	331.3	11.12	7.86	6.4	205.2
12/9/98	16:15:00	49.21	331.9	11.11	7.86	6.39	155.5
12/9/98	16:30:00	49.33	332.7	11.1	7.86	6.39	122.9
12/9/98	16:45:00	49.46	333.4	11.12	7.87	6.4	97.3
12/9/98	17:00:00	49.57	332.9	11.09	7.87	6.4	258.3
12/9/98	17:15:00	49.68	333.8	11.11	7.87	6.4	209.8
12/9/98	17:30:00	49.75	334.8	11.08	7.87	6.4	185.8
12/9/98	17:45:00	49.78	334.6	11.05	7.87	6.41	156.4
12/9/98	18:00:00	49.82	334.5	11.04	7.87	6.41	141.5
12/9/98	18:15:00	49.87	335.6	11.04	7.88	6.41	118.9
12/9/98	18:30:00	49.87	335.6	11.04	7.88	6.41	226.2
12/9/98	18:45:00	49.87	335.6	11.01	7.89	6.41	142.2
12/9/98	19:00:00	49.86	335.7	10.98	7.89	6.41	97.1
12/9/98	19:15:00	49.82	335.9	10.97	7.89	6.41	205.3
12/9/98	19:30:00	49.73	336.3	10.93	7.89	6.41	147.3
12/9/98	19:45:00	49.66	336.7	10.93	7.89	6.41	104.8
12/9/98	20:00:00	49.59	337	10.91	7.89	6.42	220.4
12/9/98	20:15:00	49.44	336.4	10.88	7.89	6.42	150.3
12/9/98	20:30:00	49.3	338.5	10.86	7.88	6.42	92.4
12/9/98	20:45:00	49.21	337.5	10.84	7.89	6.42	215.1
12/9/98	21:00:00	49.1	338.1	10.81	7.89	6.41	161.6
12/9/98	21:15:00	48.94	338.9	10.77	7.88	6.41	121.7
12/9/98	21:30:00	48.79	339.7	10.77	7.88	6.41	299.4
12/9/98	21:45:00	48.67	338.9	10.74	7.88	6.42	243.4
12/9/98	22:00:00	48.52	339.6	10.72	7.88	6.42	249.5
12/9/98	22:15:00	48.42	340.2	10.71	7.88	6.43	202.3
12/9/98	22:30:00	48.31	339.3	10.68	7.87	6.43	143.8
12/9/98	22:45:00	48.15	340.1	10.68	7.87	6.43	356.9
12/9/98	23:00:00	48.02	340.8	10.67	7.86	6.43	249
12/9/98	23:15:00	47.91	341.4	10.68	7.87	6.43	175.5
12/9/98	23:30:00	47.8	341.9	10.67	7.86	6.43	298.6
12/9/98	23:45:00	47.7	342.5	10.67	7.86	6.43	170.6
12/10/98	0:00:00	47.62	341.4	10.65	7.86	6.43	330.6

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
1/12/99	0:00:00	44.02	475.3	16.14	8.91	5.219	5.3
1/12/99	0:15:00	43.93	476	15.55	8.91	5.226	3.3
1/12/99	0:30:00	43.9	474.8	15.25	8.91	5.222	3.8
1/12/99	0:45:00	43.79	475.6	14.8	8.9	5.215	4.7
1/12/99	1:00:00	43.68	474.9	14.33	8.89	5.223	5.6
1/12/99	1:15:00	43.65	475.2	14.19	8.89	5.221	5.4
1/12/99	1:30:00	43.57	474.2	13.98	8.89	5.22	5.3
1/12/99	1:45:00	43.54	474.5	13.79	8.89	5.217	5.9
1/12/99	2:00:00	43.54	474.5	13.72	8.88	5.22	5.9
1/12/99	2:15:00	43.52	474.6	13.63	8.88	5.223	5.1
1/12/99	2:30:00	43.43	475.3	13.41	8.88	5.218	6
1/12/99	2:45:00	43.36	474.3	13.2	8.87	5.218	6.8
1/12/99	3:00:00	43.36	474.3	13.2	8.87	5.222	7.2
1/12/99	3:15:00	43.23	475.3	12.8	8.87	5.228	8.7
1/12/99	3:30:00	43.21	475.5	12.74	8.86	5.23	6.5
1/12/99	3:45:00	43.21	475.5	12.78	8.86	5.226	8.8
1/12/99	4:00:00	43.07	475	12.37	8.85	5.231	9.1
1/12/99	4:15:00	43	475.6	12.2	8.84	5.235	7.5
1/12/99	4:30:00	43	475.6	12.05	8.84	5.238	7.9
1/12/99	4:45:00	43	475.6	12.09	8.83	5.237	9.1
1/12/99	5:00:00	42.89	476.4	11.87	8.82	5.238	11.5
1/12/99	5:15:00	42.8	477.2	11.72	8.81	5.247	7.9
1/12/99	5:30:00	42.76	475.9	11.55	8.8	5.244	7.5
1/12/99	5:45:00	42.67	476.6	11.37	8.79	5.249	8.2
1/12/99	6:00:00	42.64	476.9	11.3	8.78	5.253	9.1
1/12/99	6:15:00	42.66	476.7	11.3	8.77	5.256	9.9
1/12/99	6:30:00	42.62	477	11.15	8.76	5.259	11.6
1/12/99	6:45:00	42.57	477.5	11.02	8.75	5.271	19.9
1/12/99	7:00:00	42.44	478.5	10.89	8.72	5.275	12.1
1/12/99	7:15:00	42.48	479.8	10.86	8.72	5.281	18.2
1/12/99	7:30:00	42.4	478.8	10.79	8.71	5.285	10.8
1/12/99	7:45:00	42.44	478.5	10.87	8.72	5.282	16.3
1/12/99	8:00:00	42.37	479	10.73	8.7	5.281	9.9
1/12/99	8:15:00	42.31	479.5	10.61	8.68	5.291	13.9
1/12/99	8:30:00	42.22	480.2	10.54	8.66	5.295	18.7
1/12/99	8:45:00	42.19	480.5	10.47	8.64	5.297	13.3
1/12/99	9:00:00	42.28	479.8	10.53	8.65	5.292	26.1
1/12/99	9:15:00	42.17	480.6	10.43	8.62	5.307	12.5
1/12/99	9:30:00	42.17	480.6	10.41	8.62	5.304	18.9
1/12/99	9:45:00	42.15	480.8	10.39	8.61	5.302	12.4
1/12/99	10:00:00	42.13	480.9	10.36	8.59	5.3	26.2
1/12/99	10:15:00	42.24	481.6	10.45	8.59	5.302	14.2
1/12/99	10:30:00	42.21	481.9	10.4	8.57	5.302	26.7
1/12/99	10:45:00	42.19	482.1	10.42	8.54	5.296	10.7
1/12/99	11:00:00	42.19	482.1	10.44	8.52	5.297	16.4
1/12/99	11:15:00	42.22	481.8	10.53	8.52	5.297	20.1
1/12/99	11:30:00	42.28	481.3	10.57	8.52	5.293	11.2

1/12/99	11:45:00	42.31	482.6	10.69	8.48	5.284	22.5
1/12/99	12:00:00	42.39	482.1	10.78	8.47	5.274	11.9
1/12/99	12:15:00	42.44	481.6	10.74	8.49	5.267	18.6
1/12/99	12:30:00	42.55	482.3	10.97	8.48	5.268	11.7
1/12/99	12:45:00	42.58	482	11	8.49	5.264	24.4
1/12/99	13:00:00	42.6	481.9	10.97	8.5	5.263	16.2
1/12/99	13:15:00	42.8	480.3	11.04	8.5	5.248	34.6
1/12/99	13:30:00	42.82	481.7	11.22	8.51	5.243	16.3
1/12/99	13:45:00	42.91	481	11.46	8.51	5.232	34.1
1/12/99	14:00:00	43	481.9	11.69	8.52	5.23	12
1/12/99	14:15:00	43.07	481.3	11.79	8.52	5.234	16.2
1/12/99	14:30:00	43.29	481.1	12.17	8.52	5.231	20.2
1/12/99	14:45:00	43.39	481.8	12.36	8.53	5.225	23
1/12/99	15:00:00	43.61	481.7	12.77	8.54	5.226	34.4
1/12/99	15:15:00	43.77	481.9	13.21	8.55	5.233	14.2
1/12/99	15:30:00	43.79	481.8	13.25	8.55	5.239	16.9
1/12/99	15:45:00	43.9	480.9	13.42	8.55	5.245	22.7
1/12/99	16:00:00	44.2	480.1	14.04	8.56	5.247	34.4
1/12/99	16:15:00	44.37	480.3	14.46	8.58	5.246	13.6
1/12/99	16:30:00	44.49	480.9	14.29	8.58	5.239	17.1
1/12/99	16:45:00	44.58	481.7	14.9	8.62	5.239	20.5
1/12/99	17:00:00	44.83	481.3	15.24	8.63	5.242	34.5
1/12/99	17:15:00	44.8	481.5	15.36	8.62	5.247	12.1
1/12/99	17:30:00	44.73	480.6	15.4	8.63	5.244	12.4
1/12/99	17:45:00	44.87	482.5	15.49	8.63	5.247	12.9
1/12/99	18:00:00	44.98	481.7	15.71	8.65	5.243	17.5
1/12/99	18:15:00	45.01	481.4	15.84	8.66	5.239	23.2
1/12/99	18:30:00	44.98	481.7	15.65	8.66	5.239	9.8
1/12/99	18:45:00	45.19	481.5	16.05	8.68	5.239	12.1
1/12/99	19:00:00	45.3	480.7	16.45	8.7	5.244	10.9
1/12/99	19:15:00	45.54	480.4	16.92	8.72	5.25	9.8
1/12/99	19:30:00	45.39	481.5	16.61	8.71	5.252	10.3
1/12/99	19:45:00	45.61	481.3	17.2	8.75	5.256	16.6
1/12/99	20:00:00	45.73	480.4	17.54	8.77	5.262	11.3
1/12/99	20:15:00	45.79	480	17.47	8.77	5.269	10.2
1/12/99	20:30:00	45.86	480.9	17.63	8.79	5.279	10.9
1/12/99	20:45:00	45.88	480.8	17.71	8.79	5.291	11.5
1/12/99	21:00:00	45.82	481.2	17.38	8.78	5.286	10.7
1/12/99	21:15:00	46.17	480.1	17.88	8.81	5.282	11.5
1/12/99	21:30:00	46.13	480.3	17.69	8.83	5.27	14.3
1/12/99	21:45:00	46.18	479.9	17.73	8.83	5.288	11.1
1/12/99	22:00:00	46.42	478.2	17.71	8.84	5.283	33.2
1/12/99	22:15:00	46.17	480.1	17.77	8.83	5.29	34.9
1/12/99	22:30:00	46.42	478.2	16.96	8.86	5.279	35.8
1/12/99	22:45:00	46.33	478.8	17.32	8.84	5.295	35.2
1/12/99	23:00:00	46.31	479	17.18	8.84	5.295	33.2
1/12/99	23:15:00	46.44	478	16.53	8.85	5.304	11.2
1/12/99	23:30:00	46.42	478.2	16.85	8.85	5.309	31.1
1/12/99	23:45:00	46.47	477.8	16.58	8.86	5.316	27.3

1/13/99	0:00:00	46.42	478.2	16.26	8.85	5.322	28.9
1/13/99	0:15:00	46.45	477.9	15.56	8.85	5.319	26.7
1/13/99	0:30:00	46.44	478	15.25	8.84	5.313	24.7
1/13/99	0:45:00	46.45	477.9	14.23	8.84	5.316	21.1
1/13/99	1:00:00	46.42	478.2	14.76	8.84	5.314	23.7
1/13/99	1:15:00	46.44	478	14.4	8.84	5.316	24.5
1/13/99	1:30:00	46.42	478.2	14.09	8.84	5.316	26.9
1/13/99	1:45:00	46.36	478.6	13.29	8.83	5.321	29.1
1/13/99	2:00:00	46.35	478.7	12.94	8.83	5.314	23.9
1/13/99	2:15:00	46.33	478.8	12.83	8.83	5.309	26
1/13/99	2:30:00	46.29	479.1	12.66	8.82	5.311	28
1/13/99	2:45:00	46.26	477.9	12.44	8.82	5.307	10.5
1/13/99	3:00:00	46.22	479.7	12.24	8.81	5.312	26.1
1/13/99	3:15:00	46.18	478.4	12.16	8.8	5.317	21.3
1/13/99	3:30:00	46.15	480.2	11.96	8.8	5.323	19.7
1/13/99	3:45:00	46.09	479.1	11.79	8.79	5.326	17.3
1/13/99	4:00:00	46.06	480.9	11.61	8.78	5.317	14.4
1/13/99	4:15:00	46.02	479.7	11.52	8.77	5.318	14.1
1/13/99	4:30:00	45.95	481.7	11.22	8.76	5.321	13.7
1/13/99	4:45:00	45.93	481.8	11.12	8.75	5.32	13.6
1/13/99	5:00:00	45.88	482.3	10.95	8.74	5.315	11.4
1/13/99	5:15:00	45.86	482.4	10.88	8.73	5.323	20.7
1/13/99	5:30:00	45.81	482.8	10.66	8.71	5.318	23.6
1/13/99	5:45:00	45.79	483	10.53	8.7	5.319	23.8
1/13/99	6:00:00	45.77	483.1	10.38	8.68	5.319	20.8
1/13/99	6:15:00	45.75	483.2	10.3	8.67	5.324	20
1/13/99	6:30:00	45.73	483.4	10.16	8.65	5.326	20.2
1/13/99	6:45:00	45.72	483.5	10.1	8.64	5.331	19.1
1/13/99	7:00:00	45.72	483.5	10	8.62	5.337	15.3
1/13/99	7:15:00	45.72	485	9.93	8.61	5.345	12.5
1/13/99	7:30:00	45.7	483.6	9.91	8.62	5.349	24.6
1/13/99	7:45:00	45.7	485.1	9.8	8.59	5.357	22.8
1/13/99	8:00:00	45.7	485.1	9.68	8.57	5.374	19.8
1/13/99	8:15:00	45.7	485.1	9.65	8.57	5.383	16.9
1/13/99	8:30:00	45.7	485.1	9.52	8.53	5.381	15.4
1/13/99	8:45:00	45.7	485.1	9.66	8.56	5.38	12
1/13/99	9:00:00	45.72	486.5	9.45	8.52	5.387	27
1/13/99	9:15:00	45.72	485	9.56	8.54	5.387	20.2
1/13/99	9:30:00	45.73	486.4	9.56	8.54	5.392	20
1/13/99	9:45:00	45.73	486.4	9.51	8.53	5.391	14.9
1/13/99	10:00:00	45.75	486.2	9.63	8.55	5.399	11.7
1/13/99	10:15:00	45.77	486.1	9.52	8.52	5.405	24.2
1/13/99	10:30:00	45.79	485.9	9.6	8.53	5.407	19.2
1/13/99	10:45:00	45.81	487.3	9.41	8.48	5.412	12.8
1/13/99	11:00:00	45.82	487.2	9.46	8.49	5.41	20.1
1/13/99	11:15:00	45.84	487	9.53	8.51	5.415	17.8
1/13/99	11:30:00	45.88	486.7	9.47	8.47	5.417	13.7
1/13/99	11:45:00	45.9	486.6	9.51	8.47	5.417	8.5
1/13/99	12:00:00	45.9	486.6	9.59	8.49	5.413	17.7

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5200299

1/13/99	12:15:00	45.93	487.8	9.63	8.48	5.407	13.7
1/13/99	12:30:00	46.04	487	9.67	8.46	5.408	19.7
1/13/99	12:45:00	46.02	487.1	9.65	8.47	5.409	11.9
1/13/99	13:00:00	46.04	487	9.78	8.48	5.407	21.7
1/13/99	13:15:00	46.09	486.6	9.86	8.49	5.403	12.3
1/13/99	13:30:00	46.17	487.5	9.97	8.49	5.4	8.7
1/13/99	13:45:00	46.22	487.1	10.01	8.45	5.395	18
1/13/99	14:00:00	46.35	487.6	10.32	8.44	5.39	16.9
1/13/99	14:15:00	46.42	487.1	10.42	8.44	5.386	9.6
1/13/99	14:30:00	46.45	488.3	10.51	8.45	5.384	13.1
1/13/99	14:45:00	46.54	487.6	10.76	8.44	5.384	9.7
1/13/99	15:00:00	46.62	488.5	10.9	8.43	5.377	16.3
1/13/99	15:15:00	46.69	487.9	11.1	8.42	5.383	14.6
1/13/99	15:30:00	46.8	488.6	11.29	8.41	5.385	9.9
1/13/99	15:45:00	46.83	488.3	11.46	8.4	5.392	18.6
1/13/99	16:00:00	46.98	488.7	11.82	8.4	5.396	10.6
1/13/99	16:15:00	47.03	488.3	12.05	8.41	5.396	17
1/13/99	16:30:00	47.1	489.2	12.5	8.42	5.395	12
1/13/99	16:45:00	47.16	488.8	12.88	8.43	5.397	15.3
1/13/99	17:00:00	47.28	487.8	13.35	8.44	5.4	10.8
1/13/99	17:15:00	47.32	489	13.47	8.46	5.401	13.6
1/13/99	17:30:00	47.37	488.6	13.67	8.46	5.402	11.1
1/13/99	17:45:00	47.44	488.1	14.07	8.48	5.401	15.4
1/13/99	18:00:00	47.35	488.7	13.86	8.48	5.407	12.8
1/13/99	18:15:00	47.39	488.5	13.94	8.5	5.403	15.9
1/13/99	18:30:00	47.46	487.9	14.4	8.52	5.409	11.1
1/13/99	18:45:00	47.55	487.3	14.64	8.54	5.414	14.8
1/13/99	19:00:00	47.59	488.4	14.92	8.55	5.409	8
1/13/99	19:15:00	47.53	488.8	15.06	8.56	5.413	12.7
1/13/99	19:30:00	47.75	487.2	15.68	8.6	5.421	18.9
1/13/99	19:45:00	47.77	487.1	15.86	8.62	5.428	11.5
1/13/99	20:00:00	47.77	487.1	15.84	8.64	5.438	20.9
1/13/99	20:15:00	47.77	487.1	16	8.65	5.435	12.6
1/13/99	20:30:00	47.8	486.8	16.13	8.67	5.437	8.6
1/13/99	20:45:00	47.79	485.5	16.11	8.68	5.438	11.2
1/13/99	21:00:00	47.77	485.6	16.13	8.69	5.435	14.6
1/13/99	21:15:00	47.79	485.5	16.1	8.68	5.437	9.1
1/13/99	21:30:00	47.77	485.6	16.01	8.69	5.431	15.4
1/13/99	21:45:00	47.75	485.8	15.99	8.69	5.448	16.1
1/13/99	22:00:00	47.73	485.9	15.9	8.69	5.456	15.7
1/13/99	22:15:00	47.73	485.9	15.83	8.69	5.453	12.6
1/13/99	22:30:00	47.7	484.7	15.43	8.7	5.457	8.7
1/13/99	22:45:00	47.64	485.1	14.75	8.71	5.468	12.8
1/13/99	23:00:00	47.59	484.1	14.45	8.71	5.472	23.7
1/13/99	23:15:00	47.55	484.3	14.21	8.71	5.472	14.2
1/13/99	23:30:00	47.52	484.6	14.06	8.71	5.481	25.7
1/13/99	23:45:00	47.48	484.9	13.79	8.71	5.48	13.8
1/14/99	0:00:00	47.43	483.8	13.5	8.71	5.485	22.7
1/14/99	0:15:00	47.39	484.1	13.36	8.71	5.487	11.6

1/14/99	0:30:00	47.37	484.2	13.21	8.71	5.49	17.4
1/14/99	0:45:00	47.3	483.3	12.93	8.71	5.473	11.7
1/14/99	1:00:00	47.28	483.5	12.83	8.71	5.49	18.7
1/14/99	1:15:00	47.25	483.7	12.69	8.71	5.489	35.6
1/14/99	1:30:00	47.25	483.7	12.6	8.7	5.482	17.7
1/14/99	1:45:00	47.19	484.1	12.43	8.71	5.48	12.4
1/14/99	2:00:00	47.17	482.8	12.27	8.7	5.484	22
1/14/99	2:15:00	47.08	483.5	12.08	8.71	5.482	14.2
1/14/99	2:30:00	47.07	483.6	11.91	8.7	5.497	21.7
1/14/99	2:45:00	47.01	482.6	11.83	8.7	5.501	55.9
1/14/99	3:00:00	46.99	482.7	11.72	8.7	5.495	37.5
1/14/99	3:15:00	46.92	483.2	11.57	8.7	5.494	22
1/14/99	3:30:00	46.85	483.8	11.34	8.7	5.501	55.6
1/14/99	3:45:00	46.81	482.6	11.21	8.7	5.501	29.6
1/14/99	4:00:00	46.8	482.7	11.1	8.69	5.501	17.8
1/14/99	4:15:00	46.74	483.1	10.99	8.69	5.5	54.1
1/14/99	4:30:00	46.67	483.7	10.84	8.68	5.509	36.8
1/14/99	4:45:00	46.63	483.9	10.76	8.68	5.504	28.8
1/14/99	5:00:00	46.58	484.3	10.62	8.67	5.5	21
1/14/99	5:15:00	46.54	484.6	10.53	8.66	5.502	18.1
1/14/99	5:30:00	46.49	483.5	10.38	8.65	5.512	59.4
1/14/99	5:45:00	46.45	483.8	10.33	8.64	5.507	41
1/14/99	6:00:00	46.36	484.5	10.15	8.63	5.508	38.8
1/14/99	6:15:00	46.33	484.8	10.04	8.62	5.512	31.1
1/14/99	6:30:00	46.29	485.1	9.95	8.61	5.516	26.4
1/14/99	6:45:00	46.27	485.2	9.87	8.59	5.513	76.6
1/14/99	7:00:00	46.24	485.5	9.8	8.58	5.515	45.8
1/14/99	7:15:00	46.22	487.1	9.75	8.57	5.521	20.5
1/14/99	7:30:00	46.17	486	9.67	8.56	5.521	40.9
1/14/99	7:45:00	46.18	485.9	9.69	8.55	5.528	27.8
1/14/99	8:00:00	46.11	486.4	9.51	8.53	5.524	76.5
1/14/99	8:15:00	46.13	487.8	9.54	8.54	5.523	46.9
1/14/99	8:30:00	46.11	487.9	9.49	8.52	5.523	26.8
1/14/99	8:45:00	46.06	488.3	9.39	8.51	5.524	75.7
1/14/99	9:00:00	46.02	488.6	9.32	8.5	5.538	50.8
1/14/99	9:15:00	46.04	488.5	9.33	8.5	5.546	32.3
1/14/99	9:30:00	46	488.8	9.25	8.49	5.544	75.1
1/14/99	9:45:00	46.06	488.3	9.29	8.5	5.546	37.6
1/14/99	10:00:00	46.02	488.6	9.27	8.49	5.555	22.9
1/14/99	10:15:00	46.02	488.6	9.24	8.49	5.56	74
1/14/99	10:30:00	46.04	488.5	9.26	8.52	5.566	40.8
1/14/99	10:45:00	46.08	488.2	9.29	8.48	5.567	26.1
1/14/99	11:00:00	46.09	489.5	9.27	8.46	5.569	93.8
1/14/99	11:15:00	46.11	489.4	9.33	8.45	5.568	56
1/14/99	11:30:00	46.13	489.3	9.35	8.45	5.563	25.8
1/14/99	11:45:00	46.15	489.1	9.45	8.44	5.556	82.2
1/14/99	12:00:00	46.17	489	9.44	8.45	5.549	48.3
1/14/99	12:15:00	46.24	489.9	9.59	8.46	5.53	30.6
1/14/99	12:30:00	46.29	489.5	9.56	8.48	5.525	94.7

1/14/99	12:45:00	46.31	489.4	9.59	8.5	5.523	51.5
1/14/99	13:00:00	46.35	489.1	9.59	8.51	5.51	25.6
1/14/99	13:15:00	46.4	490.2	9.69	8.5	5.5	86.7
1/14/99	13:30:00	46.47	489.6	9.83	8.51	5.484	54.4
1/14/99	13:45:00	46.49	489.5	9.82	8.52	5.471	35.6
1/14/99	14:00:00	46.54	489	9.89	8.55	5.459	32.3
1/14/99	14:15:00	46.67	489.6	10.24	8.51	5.452	18.7
1/14/99	14:30:00	46.74	490.5	10.29	8.48	5.443	46.8
1/14/99	14:45:00	46.78	490.2	10.46	8.45	5.443	19.9
1/14/99	15:00:00	46.89	489.4	10.62	8.45	5.446	40.5
1/14/99	15:15:00	47.01	489.9	10.86	8.46	5.443	21.3
1/14/99	15:30:00	47.08	489.3	11.18	8.44	5.446	57.1
1/14/99	15:45:00	47.16	490.3	11.32	8.45	5.441	24.6
1/14/99	16:00:00	47.23	489.7	11.37	8.45	5.436	58.6
1/14/99	16:15:00	47.23	491.2	11.22	8.44	5.43	24.8
1/14/99	16:30:00	47.21	489.8	11	8.42	5.429	55.8
1/14/99	16:45:00	47.28	490.8	11.01	8.39	5.427	23.7
1/14/99	17:00:00	47.37	490.1	11.54	8.38	5.433	58.6
1/14/99	17:15:00	47.41	489.8	11.75	8.37	5.436	31
1/14/99	17:30:00	47.61	489.8	12.39	8.38	5.444	18.4
1/14/99	17:45:00	47.52	490.4	12.45	8.39	5.441	39.4
1/14/99	18:00:00	47.57	490	12.35	8.39	5.439	21.3
1/14/99	18:15:00	47.52	490.4	12.14	8.39	5.438	57.3
1/14/99	18:30:00	47.71	488.9	12.4	8.4	5.442	34.5
1/14/99	18:45:00	47.86	490.8	12.94	8.42	5.444	21.1
1/14/99	19:00:00	47.98	489.8	13.12	8.43	5.458	36.3
1/14/99	19:15:00	47.98	489.8	13.06	8.43	5.452	18
1/14/99	19:30:00	48	489.7	13.12	8.44	5.46	35.4
1/14/99	19:45:00	48.06	490.7	13.07	8.44	5.456	16.4
1/14/99	20:00:00	48.24	489.4	12.81	8.43	5.461	24.8
1/14/99	20:15:00	48.07	492	13.48	8.46	5.463	56
1/14/99	20:30:00	48.25	490.7	13.29	8.45	5.481	26.9
1/14/99	20:45:00	48.43	490.8	14.19	8.49	5.478	58.8
1/14/99	21:00:00	48.36	491.3	13.89	8.5	5.473	26.3
1/14/99	21:15:00	48.58	489.7	14.16	8.49	5.478	60.3
1/14/99	21:30:00	48.61	490.8	14.22	8.52	5.482	20.7
1/14/99	21:45:00	48.88	490.3	15.11	8.55	5.481	36.5
1/14/99	22:00:00	48.94	489.9	15.08	8.58	5.473	58.7
1/14/99	22:15:00	48.92	490	15.05	8.58	5.474	20.2
1/14/99	22:30:00	48.96	489.7	14.99	8.59	5.468	27.1
1/14/99	22:45:00	49.05	490.5	15.3	8.6	5.466	50.8
1/14/99	23:00:00	49.05	490.5	15.01	8.59	5.465	18.3
1/14/99	23:15:00	49.14	489.8	15.03	8.61	5.467	27.2
1/14/99	23:30:00	49.1	490.1	14.86	8.6	5.473	53.8
1/14/99	23:45:00	49.14	489.8	14.99	8.6	5.467	18.7
1/15/99	0:00:00	49.1	490.1	14.78	8.59	5.46	22.8
1/15/99	0:15:00	49.17	489.6	14.81	8.59	5.456	27
1/15/99	0:30:00	49.3	490	14.57	8.6	5.455	41.4
1/15/99	0:45:00	49.33	489.8	14.4	8.6	5.445	18.7

1/15/99	1:00:00	49.28	490.2	14.25	8.6	5.438	27
1/15/99	1:15:00	49.26	490.3	14.17	8.6	5.436	42.3
1/15/99	1:30:00	49.33	489.8	14.03	8.59	5.435	82.4
1/15/99	1:45:00	49.28	490.2	13.81	8.58	5.443	29.5
1/15/99	2:00:00	49.32	489.9	13.47	8.58	5.433	50.4
1/15/99	2:15:00	49.33	489.8	12.76	8.57	5.43	37.7
1/15/99	2:30:00	49.32	488.5	11.69	8.57	5.434	60.3
1/15/99	2:45:00	49.33	488.4	11.6	8.56	5.439	22.6
1/15/99	3:00:00	49.28	487.3	10.96	8.57	5.441	38.8
1/15/99	3:15:00	49.24	487.6	10.72	8.58	5.435	49.9
1/15/99	3:30:00	49.19	486.6	10.46	8.57	5.436	89.8
1/15/99	3:45:00	49.14	487	10.24	8.58	5.439	22.6
1/15/99	4:00:00	49.14	487	10.18	8.57	5.444	32.3
1/15/99	4:15:00	49.1	487.3	10	8.56	5.447	54.7
1/15/99	4:30:00	49.05	487.6	9.87	8.56	5.438	95.8
1/15/99	4:45:00	49.05	487.6	9.84	8.55	5.441	28.3
1/15/99	5:00:00	49.01	489.3	9.62	8.54	5.443	59.5
1/15/99	5:15:00	49.01	489.3	9.55	8.53	5.442	121.3
1/15/99	5:30:00	48.99	489.5	9.48	8.52	5.448	39.3
1/15/99	5:45:00	48.99	489.5	9.45	8.51	5.449	63.2
1/15/99	6:00:00	48.96	489.7	9.23	8.49	5.454	111.2
1/15/99	6:15:00	48.96	489.7	9.22	8.48	5.451	50.4
1/15/99	6:30:00	48.96	489.7	9.14	8.46	5.465	103.1
1/15/99	6:45:00	48.94	489.9	9	8.45	5.458	41.4
1/15/99	7:00:00	48.94	489.9	9.03	8.45	5.467	105.6
1/15/99	7:15:00	48.92	490	8.91	8.42	5.478	43.8
1/15/99	7:30:00	48.92	490	8.8	8.41	5.491	109.2
1/15/99	7:45:00	48.94	489.9	8.92	8.42	5.469	39.2
1/15/99	8:00:00	48.92	491.4	8.72	8.38	5.457	76.5
1/15/99	8:15:00	48.92	490	8.76	8.38	5.463	21.6
1/15/99	8:30:00	48.92	491.4	8.71	8.38	5.455	55.6
1/15/99	8:45:00	48.94	489.9	8.6	8.34	5.431	24
1/15/99	9:00:00	48.96	491.2	8.63	8.36	5.361	44.4
1/15/99	9:15:00	48.97	491	8.64	8.39	5.362	27.2
1/15/99	9:30:00	48.99	490.9	8.65	8.39	5.362	85.2
1/15/99	9:45:00	49.01	490.8	8.59	8.36	5.422	26.8
1/15/99	10:00:00	49.01	490.8	8.6	8.36	5.442	68.4
1/15/99	10:15:00	49.05	490.5	8.6	8.36	5.468	25.5
1/15/99	10:30:00	49.06	490.4	8.59	8.36	5.479	66.1
1/15/99	10:45:00	49.12	490	8.59	8.34	5.48	19.6
1/15/99	11:00:00	49.12	490	8.64	8.33	5.485	37.9
1/15/99	11:15:00	49.17	489.6	8.61	8.34	5.475	16.4
1/15/99	11:30:00	49.19	489.4	8.66	8.35	5.466	29.5
1/15/99	11:45:00	49.26	488.9	8.74	8.36	5.463	64.9
1/15/99	12:00:00	49.32	488.5	8.79	8.34	5.452	25.2
1/15/99	12:15:00	49.33	489.8	8.79	8.36	5.422	44.7
1/15/99	12:30:00	49.39	489.4	8.87	8.35	5.418	17.6
1/15/99	12:45:00	49.44	489	8.92	8.35	5.403	28.6
1/15/99	13:00:00	49.53	488.3	9.06	8.34	5.382	69.3



1/15/99	13:15:00	49.59	489.3	9.11	8.34	5.353	22.1
1/15/99	13:30:00	49.68	488.7	9.28	8.36	5.347	45.2
1/15/99	13:45:00	49.75	488.2	9.32	8.36	5.339	110.1
1/15/99	14:00:00	49.78	487.9	9.45	8.36	5.346	39.9
1/15/99	14:15:00	49.84	488.9	9.51	8.34	5.332	111.5
1/15/99	14:30:00	49.91	488.4	9.59	8.34	5.328	55.3
1/15/99	14:45:00	49.98	489.3	9.66	8.35	5.312	23
1/15/99	15:00:00	50.13	488.2	9.87	8.34	5.321	116.4
1/15/99	15:15:00	50.16	488	10	8.33	5.316	55.7
1/15/99	15:30:00	50.25	488.7	10.13	8.32	5.301	27.2
1/15/99	15:45:00	50.22	489	10.24	8.32	5.301	67.5
1/15/99	16:00:00	50.31	488.3	10.39	8.28	5.295	21.9
1/15/99	16:15:00	50.43	487.4	10.55	8.26	5.282	60.2
1/15/99	16:30:00	50.52	488.2	10.92	8.25	5.285	19.4
1/15/99	16:45:00	50.52	488.2	11.06	8.25	5.266	40.1
1/15/99	17:00:00	50.59	489	11.13	8.25	5.26	78.3
1/15/99	17:15:00	50.85	488.6	11.53	8.25	5.259	24.2
1/15/99	17:30:00	50.99	488.9	11.78	8.25	5.255	40.5
1/15/99	17:45:00	50.83	490.1	11.33	8.24	5.245	71.6
1/15/99	18:00:00	50.77	490.5	11.52	8.25	5.254	21.6
1/15/99	18:15:00	50.95	489.2	11.73	8.24	5.267	45.1
1/15/99	18:30:00	51.04	491.3	12.09	8.26	5.269	88.2
1/15/99	18:45:00	51.26	491.1	12.15	8.26	5.263	21.9
1/15/99	19:00:00	51.39	491.6	12.7	8.28	5.267	31.5
1/15/99	19:15:00	51.31	493.5	12.78	8.3	5.261	45
1/15/99	19:30:00	51.39	493	12.99	8.3	5.258	93.8
1/15/99	19:45:00	51.26	493.9	12.85	8.3	5.251	26.8
1/15/99	20:00:00	51.37	494.5	12.87	8.31	5.243	42.7
1/15/99	20:15:00	51.64	493.9	13.15	8.32	5.237	68
1/15/99	20:30:00	51.76	495.8	13.54	8.35	5.235	20.2
1/15/99	20:45:00	51.98	496.9	13.88	8.39	5.249	32.7
1/15/99	21:00:00	52.09	497.5	13.8	8.41	5.263	72.4
1/15/99	21:15:00	52.3	498.7	13.93	8.44	5.3	21.8
1/15/99	21:30:00	52.54	498.4	13.21	8.49	5.381	35.5
1/15/99	21:45:00	52.74	492.9	12.15	8.55	5.533	7.5
1/15/99	22:00:00	52.72	476.9	10.13	8.57	5.663	34
1/15/99	22:15:00	52.84	449.1	9.57	8.53	5.751	64.7
1/15/99	22:30:00	53.01	429.3	9.27	8.42	5.778	52.8
1/15/99	22:45:00	53.17	410.9	9.15	8.3	5.778	61.6
1/15/99	23:00:00	53.26	393	9.05	8.2	5.761	46.6
1/15/99	23:15:00	53.33	364.6	9	8.13	5.762	64.7
1/15/99	23:30:00	53.31	340.6	8.93	8.07	5.773	70.5
1/15/99	23:45:00	53.24	322.2	8.87	8.01	5.81	70.3
1/16/99	0:00:00	53.17	309.2	8.78	7.95	5.833	75.9
1/16/99	0:15:00	53.08	293.5	8.68	7.89	5.87	77.5
1/16/99	0:30:00	53.04	280.2	8.61	7.83	5.876	76.4
1/16/99	0:45:00	53.01	262.9	8.58	7.78	5.859	77.2
1/16/99	1:00:00	53.01	249.5	8.56	7.73	5.842	82.9
1/16/99	1:15:00	52.99	244.2	8.55	7.7	5.813	70

1/16/99	1:30:00	52.95	243	8.56	7.67	5.778	64.8
1/16/99	1:45:00	52.93	243.1	8.54	7.65	5.748	64.2
1/16/99	2:00:00	52.92	244.5	8.51	7.65	5.726	59.8
1/16/99	2:15:00	52.9	245.9	8.49	7.64	5.7	56.7
1/16/99	2:30:00	52.9	245.9	8.44	7.62	5.693	61.6
1/16/99	2:45:00	52.86	244.7	8.43	7.61	5.675	54.7
1/16/99	3:00:00	52.83	243.4	8.41	7.6	5.659	56.5
1/16/99	3:15:00	52.77	242.3	8.37	7.59	5.648	55.1
1/16/99	3:30:00	52.7	239.8	8.4	7.59	5.63	49.3
1/16/99	3:45:00	52.63	240.1	8.39	7.59	5.614	46.6
1/16/99	4:00:00	52.5	241.9	8.43	7.58	5.592	46.6
1/16/99	4:15:00	52.41	244.9	8.42	7.58	5.575	42.8
1/16/99	4:30:00	52.25	248.2	8.46	7.58	5.56	40
1/16/99	4:45:00	52.18	249.8	8.43	7.58	5.557	38.7
1/16/99	5:00:00	52.05	253	8.45	7.58	5.553	36.5
1/16/99	5:15:00	51.98	254.6	8.42	7.57	5.559	38.4
1/16/99	5:30:00	51.89	256.3	8.41	7.57	5.559	36.6
1/16/99	5:45:00	51.84	257.9	8.38	7.56	5.569	34.1
1/16/99	6:00:00	51.71	258.3	8.38	7.55	5.585	35.9
1/16/99	6:15:00	51.67	258.5	8.36	7.55	5.593	35.3
1/16/99	6:30:00	51.57	258.9	8.38	7.54	5.591	34.6
1/16/99	6:45:00	51.49	259.1	8.35	7.54	5.591	34.9
1/16/99	7:00:00	51.4	259.5	8.35	7.53	5.592	34.3
1/16/99	7:15:00	51.31	259.8	8.36	7.53	5.599	36
1/16/99	7:30:00	51.22	260.2	8.36	7.53	5.611	34.5
1/16/99	7:45:00	51.15	260.4	8.35	7.53	5.62	35.2
1/16/99	8:00:00	51.08	260.7	8.32	7.52	5.632	34.6
1/16/99	8:15:00	50.97	262.5	8.36	7.52	5.635	32.3
1/16/99	8:30:00	50.99	262.4	8.31	7.52	5.638	35.5
1/16/99	8:45:00	50.9	264.2	8.33	7.51	5.64	34.2
1/16/99	9:00:00	50.83	264.4	8.36	7.51	5.647	33.1
1/16/99	9:15:00	50.83	265.8	8.38	7.51	5.66	32.5
1/16/99	9:30:00	50.79	266	8.38	7.5	5.664	31
1/16/99	9:45:00	50.79	266	8.38	7.51	5.674	31.7
1/16/99	10:00:00	50.79	267.3	8.38	7.51	5.674	31.9
1/16/99	10:15:00	50.83	267.2	8.41	7.5	5.686	32.1
1/16/99	10:30:00	50.86	268.4	8.44	7.5	5.693	30.7
1/16/99	10:45:00	50.94	268.2	8.44	7.5	5.693	30.4
1/16/99	11:00:00	50.97	269.4	8.34	7.5	5.695	30.4
1/16/99	11:15:00	51.06	269.1	8.38	7.5	5.7	30.4
1/16/99	11:30:00	51.13	270.1	8.36	7.5	5.694	30.5
1/16/99	11:45:00	51.22	269.8	8.46	7.51	5.674	30.8
1/16/99	12:00:00	51.42	270.4	8.5	7.51	5.674	29.2
1/16/99	12:15:00	51.55	271.3	8.67	7.52	5.669	28.2
1/16/99	12:30:00	51.71	272	8.81	7.53	5.673	28.5
1/16/99	12:45:00	51.85	271.4	8.82	7.53	5.665	28.5
1/16/99	13:00:00	52	272.2	8.98	7.54	5.66	29.1
1/16/99	13:15:00	52.2	271.4	9.15	7.55	5.661	32.2
1/16/99	13:30:00	52.29	272.4	9.21	7.56	5.659	27.6

1/16/99	13:45:00	52.41	273.3	9.33	7.56	5.656	27
1/16/99	14:00:00	52.63	272.5	9.42	7.57	5.656	28.8
1/16/99	14:15:00	52.79	273.2	9.49	7.57	5.65	26.6
1/16/99	14:30:00	53.06	273.5	9.7	7.59	5.643	27.2
1/16/99	14:45:00	53.22	275.5	9.84	7.6	5.637	27.5
1/16/99	15:00:00	53.42	276.1	9.94	7.6	5.639	27.6
1/16/99	15:15:00	53.62	275.3	10.12	7.62	5.637	25.2
1/16/99	15:30:00	53.78	276	10.27	7.63	5.638	26.5
1/16/99	15:45:00	53.92	276.8	10.33	7.65	5.641	24.8
1/16/99	16:00:00	54.05	277.6	10.47	7.66	5.645	24.1
1/16/99	16:15:00	54.16	278.5	10.66	7.69	5.644	23
1/16/99	16:30:00	54.25	278.2	10.77	7.7	5.646	24.6
1/16/99	16:45:00	54.32	279.2	10.86	7.72	5.65	24.9
1/16/99	17:00:00	54.37	280.3	10.92	7.74	5.651	23.8
1/16/99	17:15:00	54.45	280	11.05	7.75	5.644	24.4
1/16/99	17:30:00	54.48	281.2	11.09	7.76	5.626	23.4
1/16/99	17:45:00	54.54	282.3	11.12	7.76	5.621	23.7
1/16/99	18:00:00	54.54	281	11.15	7.76	5.625	25.2
1/16/99	18:15:00	54.55	280.9	11.22	7.78	5.631	23.5
1/16/99	18:30:00	54.54	281	11.2	7.79	5.637	22.2
1/16/99	18:45:00	54.52	281	11.19	7.78	5.629	23.2
1/16/99	19:00:00	54.5	282.4	11.28	7.81	5.638	21.5
1/16/99	19:15:00	54.45	282.6	11.34	7.86	5.635	22.3
1/16/99	19:30:00	54.39	284.2	11.26	7.89	5.646	29.8
1/16/99	19:45:00	54.32	284.5	11.22	7.9	5.638	29.1
1/16/99	20:00:00	54.27	284.7	11.12	7.92	5.632	27.8
1/16/99	20:15:00	54.23	286.1	11.05	7.93	5.641	26.2
1/16/99	20:30:00	54.14	286.5	10.9	7.93	5.651	22.3
1/16/99	20:45:00	54.09	288	10.82	7.93	5.654	21.4
1/16/99	21:00:00	54.03	288.3	10.71	7.92	5.654	20
1/16/99	21:15:00	54	289.7	10.6	7.93	5.653	19.9
1/16/99	21:30:00	53.92	290	10.45	7.92	5.663	23.3
1/16/99	21:45:00	53.85	291.6	10.32	7.91	5.665	25.3
1/16/99	22:00:00	53.82	293.1	10.22	7.91	5.662	21.8
1/16/99	22:15:00	53.74	293.4	10.04	7.9	5.663	21.4
1/16/99	22:30:00	53.69	295	9.89	7.89	5.661	19.8
1/16/99	22:45:00	53.65	296.4	9.79	7.89	5.659	37.1
1/16/99	23:00:00	53.6	296.7	9.66	7.88	5.661	30.9
1/16/99	23:15:00	53.55	298.2	9.53	7.87	5.663	30.4
1/16/99	23:30:00	53.49	299.8	9.38	7.86	5.668	21.3
1/16/99	23:45:00	53.46	299.9	9.31	7.85	5.652	16.6
1/17/99	0:00:00	53.4	301.5	9.19	7.83	5.657	32.8
1/17/99	0:15:00	53.38	302.9	9.07	7.82	5.656	24.6
1/17/99	0:30:00	53.33	303.1	8.96	7.81	5.654	33.6
1/17/99	0:45:00	53.28	304.7	8.86	7.8	5.65	27.3
1/17/99	1:00:00	53.24	306.2	8.74	7.78	5.649	25.8
1/17/99	1:15:00	53.19	307.8	8.65	7.78	5.644	17.9
1/17/99	1:30:00	53.17	307.9	8.53	7.76	5.644	28.5
1/17/99	1:45:00	53.11	309.4	8.45	7.75	5.639	39

1/17/99	2:00:00	53.08	310.9	8.38	7.74	5.633	38.7
1/17/99	2:15:00	53.04	311.1	8.29	7.73	5.633	26.1
1/17/99	2:30:00	52.99	312.7	8.21	7.72	5.636	32.7
1/17/99	2:45:00	52.95	314.2	8.14	7.72	5.645	18.5
1/17/99	3:00:00	52.92	314.3	8.08	7.7	5.646	42.3
1/17/99	3:15:00	52.88	315.8	8.03	7.69	5.646	37.5
1/17/99	3:30:00	52.86	317.3	7.96	7.68	5.638	35.3
1/17/99	3:45:00	52.81	317.5	7.91	7.67	5.634	34.1
1/17/99	4:00:00	52.75	319.1	7.89	7.66	5.63	26.1
1/17/99	4:15:00	52.74	320.5	7.81	7.65	5.627	21.2
1/17/99	4:30:00	52.68	320.8	7.8	7.65	5.62	24.2
1/17/99	4:45:00	52.66	322.2	7.74	7.64	5.615	67.9
1/17/99	5:00:00	52.61	323.8	7.56	7.64	5.619	59.8
1/17/99	5:15:00	52.57	324	7.65	7.63	5.62	56.1
1/17/99	5:30:00	52.54	325.5	7.67	7.63	5.621	54.2
1/17/99	5:45:00	52.5	327	7.5	7.61	5.622	45.8
1/17/99	6:00:00	52.47	327.2	7.62	7.61	5.62	51.7
1/17/99	6:15:00	52.43	328.7	7.62	7.6	5.624	30.4
1/17/99	6:30:00	52.39	330.2	7.62	7.59	5.629	21.9
1/17/99	6:45:00	52.36	330.4	7.58	7.59	5.629	26.5
1/17/99	7:00:00	52.34	331.8	7.59	7.59	5.629	143.3
1/17/99	7:15:00	52.3	333.4	7.43	7.58	5.632	10.4
1/17/99	7:30:00	52.25	335	7.39	7.58	5.631	10.6
1/17/99	7:45:00	52.23	336.4	7.45	7.58	5.627	11.3
1/17/99	8:00:00	52.2	336.6	7.48	7.57	5.621	14.8
1/17/99	8:15:00	52.16	338.1	7.36	7.57	5.625	12
1/17/99	8:30:00	52.14	339.6	7.46	7.57	5.629	11.7
1/17/99	8:45:00	52.12	341	7.45	7.56	5.633	25.3
1/17/99	9:00:00	52.09	342.6	7.5	7.55	5.641	11.9
1/17/99	9:15:00	52.07	342.6	7.55	7.55	5.643	10.8
1/17/99	9:30:00	52.03	344.2	7.57	7.55	5.654	10.2
1/17/99	9:45:00	52.03	345.5	7.61	7.55	5.655	10.8
1/17/99	10:00:00	52.02	347	7.57	7.56	5.666	12.1
1/17/99	10:15:00	52.02	348.4	7.62	7.56	5.676	13
1/17/99	10:30:00	52.03	349.6	7.63	7.56	5.67	14.7
1/17/99	10:45:00	52.03	351	7.62	7.57	5.668	12.5
1/17/99	11:00:00	52.05	352.2	7.64	7.57	5.673	12.6
1/17/99	11:15:00	52.07	353.5	7.7	7.58	5.685	12.1
1/17/99	11:30:00	52.09	353.4	7.72	7.57	5.69	20.6
1/17/99	11:45:00	52.11	354.7	7.68	7.57	5.688	12.7
1/17/99	12:00:00	52.14	355.9	7.81	7.58	5.684	12.7
1/17/99	12:15:00	52.14	355.9	7.81	7.59	5.682	12.9
1/17/99	12:30:00	52.21	356.9	7.83	7.59	5.687	14.9
1/17/99	12:45:00	52.25	356.7	7.92	7.59	5.685	13.1
1/17/99	13:00:00	52.34	357.6	8.1	7.6	5.697	13.1
1/17/99	13:15:00	52.43	358.5	8.1	7.62	5.692	13.2
1/17/99	13:30:00	52.54	359.3	8.32	7.62	5.688	12.7
1/17/99	13:45:00	52.74	362.3	8.77	7.63	5.67	12.6
1/17/99	14:00:00	52.83	363.2	8.97	7.65	5.668	13.3

1/17/99	14:15:00	53.01	366.2	9.27	7.67	5.659	11.7
1/17/99	14:30:00	53.2	370.6	9.62	7.7	5.654	12.2
1/17/99	14:45:00	53.42	376.1	10.11	7.74	5.656	12.5
1/17/99	15:00:00	53.65	380.2	10.52	7.79	5.643	14.5
1/17/99	15:15:00	53.89	381.6	10.77	7.84	5.701	16.5
1/17/99	15:30:00	54.01	379.6	10.9	7.89	5.715	239.6
1/17/99	15:45:00	54.16	374.9	11.02	7.93	5.74	20
1/17/99	16:00:00	54.27	370.3	10.92	7.96	5.776	18.1
1/17/99	16:15:00	54.37	367.1	10.77	7.97	5.8	17.7
1/17/99	16:30:00	54.5	361.2	10.55	7.97	5.819	16.4
1/17/99	16:45:00	54.55	357	10.36	7.96	5.823	16.8
1/17/99	17:00:00	54.63	346.2	10.16	7.97	5.833	18.8
1/17/99	17:15:00	54.66	338.2	9.97	7.95	5.822	20.8
1/17/99	17:30:00	54.68	325	9.79	7.92	5.82	21.3
1/17/99	17:45:00	54.68	319.7	9.6	7.88	5.808	23
1/17/99	18:00:00	54.7	307.9	9.39	7.85	5.805	25.1
1/17/99	18:15:00	54.7	300	9.23	7.82	5.813	23.9
1/17/99	18:30:00	54.73	289.4	9.09	7.79	5.799	24.8
1/17/99	18:45:00	54.75	281.4	8.97	7.75	5.809	24.4
1/17/99	19:00:00	54.77	276.1	8.88	7.73	5.808	25.8
1/17/99	19:15:00	54.79	268.2	8.76	7.7	5.811	28.2
1/17/99	19:30:00	54.79	264.3	8.66	7.69	5.825	31.1
1/17/99	19:45:00	54.81	260.3	8.54	7.67	5.837	29.2
1/17/99	20:00:00	54.81	255.1	8.47	7.65	5.85	32.2
1/17/99	20:15:00	54.79	252.5	8.38	7.64	5.852	28.5
1/17/99	20:30:00	54.79	249.9	8.32	7.64	5.851	27.7
1/17/99	20:45:00	54.79	247.3	8.24	7.62	5.86	27.9
1/17/99	21:00:00	54.79	244.7	8.23	7.62	5.861	29
1/17/99	21:15:00	54.79	243.4	8.19	7.61	5.867	24.8
1/17/99	21:30:00	54.79	242	8.13	7.6	5.876	27.5
1/17/99	21:45:00	54.79	242	8.11	7.6	5.877	29.9
1/17/99	22:00:00	54.79	243.4	8.14	7.59	5.883	26.7
1/17/99	22:15:00	54.75	246.1	8.13	7.59	5.896	23.3
1/17/99	22:30:00	54.73	250.1	8.15	7.59	5.921	24.3
1/17/99	22:45:00	54.7	255.5	8.15	7.6	5.927	25.2
1/17/99	23:00:00	54.64	263.5	8.2	7.6	5.951	25.6
1/17/99	23:15:00	54.61	268.9	8.23	7.61	5.986	27.2
1/17/99	23:30:00	54.55	274.3	8.25	7.62	6.035	26.7
1/17/99	23:45:00	54.52	275.8	8.34	7.64	6.102	28.5
1/18/99	0:00:00	54.46	274.7	8.39	7.64	6.194	31.8
1/18/99	0:15:00	54.39	265.8	8.5	7.63	6.31	34.5
1/18/99	0:30:00	54.34	254.1	8.57	7.62	6.438	52.1
1/18/99	0:45:00	54.3	242.4	8.65	7.59	6.568	87.1
1/18/99	1:00:00	54.28	221.4	8.72	7.57	6.687	1254.1
1/18/99	1:15:00	54.25	207	8.77	7.55	6.799	118
1/18/99	1:30:00	54.21	197.8	8.81	7.54	6.896	115.4
1/18/99	1:45:00	54.16	191.4	8.82	7.52	6.983	114.6
1/18/99	2:00:00	54.12	182.2	8.95	7.54	7.253	90.9
1/18/99	2:15:00	54.09	178.4	8.99	7.52	7.336	90.8

1/18/99	2:30:00	54.03	177.2	9.02	7.52	7.404	128.6
1/18/99	2:45:00	54.01	175.9	9.07	7.53	7.462	1324.7
1/18/99	3:00:00	54	173.3	9.08	7.52	7.507	118
1/18/99	3:15:00	53.96	172.1	9.13	7.51	7.534	107.7
1/18/99	3:30:00	53.92	172.2	9.13	7.49	7.553	94.1
1/18/99	3:45:00	53.85	172.3	9.16	7.48	7.57	121.8
1/18/99	4:00:00	53.78	171.2	9.23	7.47	7.571	76.9
1/18/99	4:15:00	53.67	171.4	9.23	7.46	7.577	114.2
1/18/99	4:30:00	53.6	172.9	9.31	7.47	7.589	122.8
1/18/99	4:45:00	53.51	171.8	9.36	7.43	7.612	115.6
1/18/99	5:00:00	53.42	173.4	9.43	7.44	7.623	103.9
1/18/99	5:15:00	53.35	173.6	9.39	7.47	7.639	105.2
1/18/99	5:30:00	53.26	173.8	9.45	7.46	7.651	1038.7
1/18/99	5:45:00	53.19	175.3	9.45	7.48	7.673	129.2
1/18/99	6:00:00	53.13	176.8	9.49	7.46	7.689	144.9
1/18/99	6:15:00	53.06	177	9.57	7.46	7.713	155.2
1/18/99	6:30:00	53.02	177	9.59	7.45	7.754	163.7
1/18/99	6:45:00	52.97	179.9	9.64	7.49	7.783	146.7
1/18/99	7:00:00	52.92	182.7	9.63	7.49	7.802	173.8
1/18/99	7:15:00	52.84	185.6	9.68	7.49	7.83	163.5
1/18/99	7:30:00	52.77	187.1	9.74	7.5	7.842	176.6
1/18/99	7:45:00	52.68	168.5	9.8	7.51	7.495	185.6
1/18/99	8:00:00	52.59	171.4	9.85	7.53	7.504	175.3
1/18/99	8:15:00	52.5	173	9.89	7.55	7.509	179.4
1/18/99	8:30:00	52.41	175.9	9.91	7.55	7.524	192.9
1/18/99	8:45:00	52.32	181.5	9.93	7.58	7.523	178.9
1/18/99	9:00:00	52.23	185.8	9.97	7.59	7.496	163.5
1/18/99	9:15:00	52.12	192.9	10.01	7.61	7.484	165.8
1/18/99	9:30:00	52.03	198.6	10.02	7.64	7.479	153.2
1/18/99	9:45:00	51.94	205.7	10.04	7.66	7.456	146.3
1/18/99	10:00:00	51.87	211.4	10.06	7.67	7.452	140.6
1/18/99	10:15:00	51.8	214.3	10.1	7.69	7.451	140.6
1/18/99	10:30:00	51.76	217.1	10.11	7.69	7.442	133.2
1/18/99	10:45:00	51.73	218.6	10.12	7.69	7.427	130.1
1/18/99	11:00:00	51.71	220.1	10.12	7.7	7.401	140.2
1/18/99	11:15:00	51.73	220	10.13	7.7	7.398	131.9
1/18/99	11:30:00	51.76	221.2	10.16	7.7	7.38	131.8
1/18/99	11:45:00	51.8	221.1	10.15	7.68	7.353	147
1/18/99	12:00:00	51.85	221	10.13	7.69	7.338	136.9
1/18/99	12:15:00	51.91	222.1	10.13	7.69	7.318	131
1/18/99	12:30:00	51.98	221.9	10.1	7.68	7.297	143
1/18/99	12:45:00	52.11	222.9	10.1	7.68	7.283	137.6
1/18/99	13:00:00	52.29	223.7	10.09	7.67	7.27	138.1
1/18/99	13:15:00	52.41	224.6	10.08	7.67	7.265	140.9
1/18/99	13:30:00	52.57	225.4	10.06	7.66	7.26	141.3
1/18/99	13:45:00	52.66	225.1	10.05	7.66	7.251	134.4
1/18/99	14:00:00	52.81	226	10.03	7.67	7.244	134.9
1/18/99	14:15:00	52.93	225.6	10.01	7.66	7.24	140.1
1/18/99	14:30:00	53.04	226.6	9.99	7.66	7.24	132.5

1/18/99	14:45:00	53.13	226.3	9.96	7.66	7.243	136.2
1/18/99	15:00:00	53.2	227.4	9.95	7.66	7.245	139.4
1/18/99	15:15:00	53.28	227.2	9.93	7.66	7.25	126.9
1/18/99	15:30:00	53.37	226.9	9.92	7.65	7.255	133.7
1/18/99	15:45:00	53.42	228.1	9.91	7.64	7.263	131.8
1/18/99	16:00:00	53.47	227.9	9.89	7.63	7.273	122.7
1/18/99	16:15:00	53.49	229.2	9.89	7.65	7.275	120.6
1/18/99	16:30:00	53.51	229.1	9.87	7.65	7.281	121.6
1/18/99	16:45:00	53.49	229.2	9.84	7.65	7.287	119.1
1/18/99	17:00:00	53.47	230.6	9.83	7.66	7.288	109.2
1/18/99	17:15:00	53.44	230.7	9.82	7.66	7.29	104.2
1/18/99	17:30:00	53.4	232.1	9.79	7.66	7.298	110
1/18/99	17:45:00	53.35	232.3	9.66	7.66	7.306	108.8
1/18/99	18:00:00	53.28	233.9	9.74	7.66	7.314	105.7
1/18/99	18:15:00	53.22	234.1	9.72	7.65	7.314	108.5
1/18/99	18:30:00	53.13	235.7	9.72	7.65	7.314	105.9
1/18/99	18:45:00	53.06	235.9	9.69	7.64	7.33	101.2
1/18/99	19:00:00	52.95	236.3	9.69	7.64	7.344	106.4
1/18/99	19:15:00	52.86	236.6	9.67	7.63	7.346	103.4
1/18/99	19:30:00	52.77	238.3	9.64	7.63	7.34	101.6
1/18/99	19:45:00	52.68	238.6	9.63	7.63	7.34	96.5
1/18/99	20:00:00	52.61	238.8	9.61	7.63	7.347	93.1
1/18/99	20:15:00	52.57	238.9	9.58	7.63	7.352	99.6
1/18/99	20:30:00	52.5	240.5	9.58	7.63	7.362	94.7
1/18/99	20:45:00	52.47	240.6	9.56	7.62	7.364	94.3
1/18/99	21:00:00	52.45	240.7	9.55	7.62	7.371	94.2
1/18/99	21:15:00	52.41	240.8	9.53	7.63	7.367	98.4
1/18/99	21:30:00	52.39	242.3	9.54	7.62	7.376	92.2
1/18/99	21:45:00	52.38	242.3	9.52	7.62	7.369	89.9
1/18/99	22:00:00	52.36	242.4	9.49	7.62	7.376	94.8
1/18/99	22:15:00	52.36	243.7	9.49	7.62	7.392	88.5
1/18/99	22:30:00	52.34	243.8	9.48	7.62	7.394	89.8
1/18/99	22:45:00	52.34	243.8	9.49	7.61	7.398	89.9
1/18/99	23:00:00	52.34	245.1	9.43	7.62	7.396	92
1/18/99	23:15:00	52.34	245.1	9.44	7.61	7.399	87
1/18/99	23:30:00	52.34	246.5	9.43	7.61	7.398	89
1/18/99	23:45:00	52.34	246.5	9.41	7.6	7.4	90.3
1/19/99	0:00:00	52.34	246.5	9.37	7.6	7.391	85.7

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
1/26/99	0:00:00	48.13	281.1	11	7.9	5.678	23.9
1/26/99	0:15:00	48.11	281.2	10.88	7.89	5.664	20
1/26/99	0:30:00	48.09	281.3	10.82	7.89	5.663	18.2
1/26/99	0:45:00	48.09	281.3	10.79	7.89	5.657	18.5
1/26/99	1:00:00	48.06	281.4	10.76	7.89	5.653	19.5
1/26/99	1:15:00	48.06	281.4	10.74	7.88	5.644	20.2
1/26/99	1:30:00	48.04	283	10.71	7.88	5.637	18.7
1/26/99	1:45:00	48.02	283	10.7	7.88	5.634	18.9
1/26/99	2:00:00	48	283.1	10.7	7.88	5.628	18.7
1/26/99	2:15:00	47.98	283.2	10.68	7.88	5.622	18.4
1/26/99	2:30:00	47.98	283.2	10.66	7.88	5.615	18.9
1/26/99	2:45:00	47.97	283.3	10.65	7.87	5.611	22.1
1/26/99	3:00:00	47.95	283.3	10.63	7.87	5.601	18.8
1/26/99	3:15:00	47.95	283.3	10.62	7.87	5.595	18.5
1/26/99	3:30:00	47.95	284.8	10.62	7.87	5.587	17.6
1/26/99	3:45:00	47.95	284.8	10.6	7.87	5.577	18.6
1/26/99	4:00:00	47.93	284.9	10.61	7.86	5.571	18.3
1/26/99	4:15:00	47.93	286.3	10.63	7.87	5.569	17.5
1/26/99	4:30:00	47.91	286.4	10.66	7.88	5.569	17.8
1/26/99	4:45:00	47.89	286.5	10.65	7.88	5.57	18.6
1/26/99	5:00:00	47.88	286.6	10.61	7.87	5.57	17.7
1/26/99	5:15:00	47.84	286.7	10.65	7.88	5.568	18.7
1/26/99	5:30:00	47.84	286.7	10.62	7.87	5.578	17.4
1/26/99	5:45:00	47.8	286.9	10.63	7.87	5.58	18.1
1/26/99	6:00:00	47.79	287	10.63	7.87	5.583	18.3
1/26/99	6:15:00	47.77	287	10.63	7.87	5.581	19.7
1/26/99	6:30:00	47.73	287.2	10.65	7.88	5.583	18
1/26/99	6:45:00	47.71	287.3	10.66	7.88	5.591	17.6
1/26/99	7:00:00	47.71	288.7	10.64	7.88	5.598	19.3
1/26/99	7:15:00	47.7	288.8	10.65	7.87	5.608	16.5
1/26/99	7:30:00	47.7	288.8	10.63	7.87	5.62	17.5
1/26/99	7:45:00	47.71	288.7	10.63	7.87	5.639	16.5
1/26/99	8:00:00	47.73	288.6	10.64	7.87	5.661	15.8
1/26/99	8:15:00	47.71	288.7	10.6	7.87	5.691	16.8
1/26/99	8:30:00	47.79	289.9	10.62	7.87	5.726	16.6
1/26/99	8:45:00	47.8	289.8	10.6	7.86	5.763	17.5
1/26/99	9:00:00	47.88	289.5	10.61	7.87	5.794	21.2
1/26/99	9:15:00	47.93	289.2	10.6	7.86	5.813	17.4
1/26/99	9:30:00	48	287.4	10.59	7.85	5.82	19.4
1/26/99	9:45:00	48.04	285.8	10.58	7.85	5.823	21.7
1/26/99	10:00:00	48.11	282.6	10.58	7.84	5.829	19.4
1/26/99	10:15:00	48.2	279.4	10.59	7.84	5.832	22.6
1/26/99	10:30:00	48.24	279.2	10.58	7.83	5.834	21.4
1/26/99	10:45:00	48.36	277.3	10.58	7.82	5.838	24
1/26/99	11:00:00	48.43	276.9	10.56	7.81	5.847	21.5
1/26/99	11:15:00	48.49	276.7	10.54	7.8	5.865	22.8
1/26/99	11:30:00	48.6	276.3	10.51	7.78	5.884	26.3



1/26/99	11:45:00	48.65	270.3	10.52	7.76	5.902	25.8
1/26/99	12:00:00	48.74	268.5	10.51	7.76	5.913	29.8
1/26/99	12:15:00	48.78	254.1	10.59	7.75	5.921	28.4
1/26/99	12:30:00	48.83	249.6	10.65	7.75	5.927	27.6
1/26/99	12:45:00	48.92	246.4	10.68	7.75	5.935	29.2
1/26/99	13:00:00	49.05	238.8	10.73	7.76	5.937	28.4
1/26/99	13:15:00	49.17	235.6	10.79	7.76	5.94	30.6
1/26/99	13:30:00	49.33	232.2	10.81	7.76	5.939	30.3
1/26/99	13:45:00	49.5	230.2	10.81	7.75	5.941	27.5
1/26/99	14:00:00	49.71	226.6	10.84	7.75	5.939	30.9
1/26/99	14:15:00	49.8	224.9	10.85	7.76	5.933	30.7
1/26/99	14:30:00	49.89	223.2	10.86	7.76	5.928	32
1/26/99	14:45:00	49.98	221.5	10.87	7.76	5.928	35.2
1/26/99	15:00:00	50.02	220	10.88	7.77	5.927	35.7
1/26/99	15:15:00	50.02	220	10.87	7.77	5.928	32.1
1/26/99	15:30:00	50.02	218.6	10.88	7.78	5.926	36.1
1/26/99	15:45:00	50.02	218.6	10.87	7.77	5.927	33.9
1/26/99	16:00:00	50.02	217.2	10.85	7.77	5.923	32.3
1/26/99	16:15:00	50.02	215.8	10.84	7.78	5.919	34.6
1/26/99	16:30:00	50.02	217.2	10.82	7.77	5.919	30
1/26/99	16:45:00	50.04	214.3	10.84	7.77	5.917	32.8
1/26/99	17:00:00	50.02	214.4	10.82	7.77	5.922	31.6
1/26/99	17:15:00	50.02	213	10.82	7.77	5.925	32.6
1/26/99	17:30:00	49.98	213.1	10.82	7.77	5.93	32.4
1/26/99	17:45:00	49.93	210.5	10.84	7.77	5.935	34.4
1/26/99	18:00:00	49.86	210.7	10.84	7.77	5.943	33.8
1/26/99	18:15:00	49.71	211.1	10.84	7.77	5.947	37.7
1/26/99	18:30:00	49.6	211.5	10.82	7.78	5.95	37.2
1/26/99	18:45:00	49.55	213.1	10.8	7.78	5.953	36.8
1/26/99	19:00:00	49.37	215	10.81	7.77	5.954	38.3
1/26/99	19:15:00	49.24	215.5	10.8	7.78	5.957	37.9
1/26/99	19:30:00	49.12	217.3	10.8	7.77	5.959	38.7
1/26/99	19:45:00	49.01	217.6	10.77	7.78	5.956	35.8
1/26/99	20:00:00	48.87	219.5	10.76	7.77	5.951	35.6
1/26/99	20:15:00	48.78	219.8	10.74	7.78	5.952	37.1
1/26/99	20:30:00	48.69	220.1	10.73	7.77	5.948	34.5
1/26/99	20:45:00	48.58	220.5	10.73	7.76	5.948	36.1
1/26/99	21:00:00	48.49	220.8	10.71	7.77	5.953	35.5
1/26/99	21:15:00	48.42	221	10.69	7.77	5.954	32.5
1/26/99	21:30:00	48.31	221.4	10.71	7.77	5.955	33
1/26/99	21:45:00	48.22	221.7	10.71	7.77	5.955	31.8
1/26/99	22:00:00	48.13	223.5	10.69	7.75	5.952	36.2
1/26/99	22:15:00	48.07	223.6	10.69	7.77	5.951	34.7
1/26/99	22:30:00	47.98	225.4	10.71	7.77	5.955	32.7
1/26/99	22:45:00	47.93	225.6	10.69	7.77	5.957	33.7
1/26/99	23:00:00	47.82	227.4	10.71	7.77	5.954	35.9
1/26/99	23:15:00	47.75	229.1	10.7	7.76	5.951	36.7
1/26/99	23:30:00	47.7	230.8	10.7	7.77	5.949	36.1
1/26/99	23:45:00	47.61	232.5	10.71	7.77	5.949	36.2

1/27/99	0:00:00	47.57	232.7	10.71	7.77	5.948	36.3
1/27/99	0:15:00	47.48	234.4	10.72	7.77	5.948	35
1/27/99	0:30:00	47.41	236.2	10.74	7.78	5.947	35.9
1/27/99	0:45:00	47.35	237.8	10.74	7.78	5.946	34.4
1/27/99	1:00:00	47.28	239.5	10.75	7.78	5.947	34.6
1/27/99	1:15:00	47.26	239.6	10.74	7.78	5.947	41.3
1/27/99	1:30:00	47.21	241.3	10.74	7.77	5.947	36.2
1/27/99	1:45:00	47.17	242.9	10.72	7.78	5.951	35.5
1/27/99	2:00:00	47.12	243.1	10.74	7.78	5.953	36.5
1/27/99	2:15:00	47.07	244.7	10.74	7.78	5.949	35
1/27/99	2:30:00	46.96	246.6	10.76	7.79	5.948	35.9
1/27/99	2:45:00	46.92	246.8	10.78	7.79	5.949	34.6
1/27/99	3:00:00	46.85	248.5	10.78	7.79	5.946	32.7
1/27/99	3:15:00	46.83	248.6	10.77	7.78	5.943	34.5
1/27/99	3:30:00	46.72	249	10.78	7.79	5.94	32.7
1/27/99	3:45:00	46.67	250.7	10.79	7.79	5.938	33.2
1/27/99	4:00:00	46.6	251	10.8	7.79	5.942	32.8
1/27/99	4:15:00	46.53	252.7	10.82	7.79	5.943	32.7
1/27/99	4:30:00	46.51	252.8	10.79	7.79	5.946	32.4
1/27/99	4:45:00	46.33	255	10.86	7.8	5.95	30.2
1/27/99	5:00:00	46.31	255.1	10.81	7.8	5.95	32.1
1/27/99	5:15:00	46.24	255.4	10.85	7.8	5.95	30.8
1/27/99	5:30:00	46.13	257.3	10.87	7.8	5.948	30.3
1/27/99	5:45:00	46.11	255.9	10.84	7.8	5.949	29.3
1/27/99	6:00:00	45.99	257.9	10.9	7.8	5.948	30.8
1/27/99	6:15:00	45.86	258.4	10.92	7.81	5.958	30.2
1/27/99	6:30:00	45.79	260.2	10.93	7.81	5.96	27.7
1/27/99	6:45:00	45.66	260.7	10.95	7.81	5.971	28.4
1/27/99	7:00:00	45.59	262.5	10.97	7.82	5.973	27.8
1/27/99	7:15:00	45.54	262.7	10.97	7.82	5.976	26.9
1/27/99	7:30:00	45.45	263.1	10.99	7.82	5.979	26
1/27/99	7:45:00	45.39	263.3	11.02	7.82	5.976	27
1/27/99	8:00:00	45.34	263.5	11.02	7.83	5.979	28.3
1/27/99	8:15:00	45.23	265.5	11.05	7.83	5.981	26.1
1/27/99	8:30:00	45.19	267.2	11.06	7.83	5.982	24.8
1/27/99	8:45:00	45.12	267.5	11.07	7.83	5.982	25.1
1/27/99	9:00:00	45.07	267.7	11.1	7.84	5.986	24.3
1/27/99	9:15:00	45.05	269.3	11.1	7.84	5.995	23.3
1/27/99	9:30:00	45.05	269.3	11.09	7.84	5.994	25.4
1/27/99	9:45:00	45.05	269.3	11.09	7.83	5.999	23.1
1/27/99	10:00:00	45.03	269.4	11.12	7.84	6.001	22.7
1/27/99	10:15:00	45.03	270.9	11.14	7.84	6.003	22.4
1/27/99	10:30:00	45.09	270.7	11.11	7.84	6	21.8
1/27/99	10:45:00	45.12	272	11.19	7.85	5.996	21.4
1/27/99	11:00:00	45.19	271.7	11.18	7.85	5.994	20.5
1/27/99	11:15:00	45.25	273	11.19	7.85	5.992	21
1/27/99	11:30:00	45.28	272.8	11.19	7.85	5.987	21.9
1/27/99	11:45:00	45.5	274.9	11.3	7.86	5.977	21.2
1/27/99	12:00:00	45.54	273.2	11.29	7.86	5.961	19.7

1/27/99	12:15:00	45.73	275.4	11.31	7.87	5.944	22.4
1/27/99	12:30:00	45.97	275.8	11.43	7.88	5.935	19.7
1/27/99	12:45:00	46.24	276.1	11.4	7.88	5.931	21.5
1/27/99	13:00:00	46.36	277.1	11.47	7.89	5.918	18.7
1/27/99	13:15:00	46.72	277	11.56	7.91	5.91	19
1/27/99	13:30:00	46.92	277.6	11.6	7.91	5.903	19.5
1/27/99	13:45:00	47.1	278.3	11.62	7.92	5.895	18.1
1/27/99	14:00:00	47.39	278.5	11.67	7.93	5.892	18.8
1/27/99	14:15:00	47.68	278.7	11.69	7.94	5.883	17.7
1/27/99	14:30:00	48.02	280.1	11.76	7.95	5.882	17
1/27/99	14:45:00	48.27	280.5	11.78	7.96	5.872	20.2
1/27/99	15:00:00	48.4	280	11.79	7.96	5.87	17.3
1/27/99	15:15:00	48.67	280.3	11.81	7.97	5.872	17.7
1/27/99	15:30:00	48.81	281.1	11.8	7.97	5.869	17.2
1/27/99	15:45:00	49.03	281.6	11.81	7.98	5.865	18
1/27/99	16:00:00	49.26	282	11.82	7.99	5.868	18.3
1/27/99	16:15:00	49.33	281.7	11.81	7.99	5.865	16.7
1/27/99	16:30:00	49.44	282.7	11.81	8	5.863	16.4
1/27/99	16:45:00	49.57	283.5	11.81	8.01	5.862	16.4
1/27/99	17:00:00	49.71	284.3	11.8	8.01	5.856	17.1
1/27/99	17:15:00	49.75	284.2	11.77	8.01	5.858	16.8
1/27/99	17:30:00	49.78	284	11.76	8.01	5.858	17
1/27/99	17:45:00	49.84	285.2	11.73	8.02	5.858	15.8
1/27/99	18:00:00	49.84	285.2	11.72	8.01	5.859	16.3
1/27/99	18:15:00	49.84	286.6	11.69	8.02	5.856	16.3
1/27/99	18:30:00	49.8	286.8	11.66	8.02	5.862	16.7
1/27/99	18:45:00	49.73	287.1	11.64	8.03	5.858	21
1/27/99	19:00:00	49.66	287.4	11.58	8.02	5.862	25.7
1/27/99	19:15:00	49.53	287.9	11.55	8.02	5.865	17.1
1/27/99	19:30:00	49.39	288.5	11.53	8.02	5.866	15.9
1/27/99	19:45:00	49.23	289.2	11.47	8.02	5.861	16
1/27/99	20:00:00	49.05	290	11.43	8.01	5.856	16
1/27/99	20:15:00	48.92	290.6	11.37	8	5.851	16.6
1/27/99	20:30:00	48.79	289.7	11.33	8	5.849	17.4
1/27/99	20:45:00	48.65	290.3	11.3	7.99	5.851	15.7
1/27/99	21:00:00	48.45	291.2	11.24	7.98	5.851	16.6
1/27/99	21:15:00	48.36	291.6	11.18	7.97	5.852	16.1
1/27/99	21:30:00	48.22	290.8	11.14	7.97	5.852	16.2
1/27/99	21:45:00	48.13	291.2	11.09	7.96	5.856	16.2
1/27/99	22:00:00	47.93	292.1	11.07	7.95	5.852	15.7
1/27/99	22:15:00	47.86	292.4	11.03	7.94	5.849	15.3
1/27/99	22:30:00	47.7	293.2	11.01	7.94	5.842	16
1/27/99	22:45:00	47.61	292.1	10.99	7.93	5.844	21.4
1/27/99	23:00:00	47.48	292.7	10.96	7.93	5.839	15.5
1/27/99	23:15:00	47.39	293.1	10.95	7.93	5.843	15
1/27/99	23:30:00	47.3	293.5	10.93	7.92	5.847	14.7
1/27/99	23:45:00	47.21	293.9	10.92	7.92	5.847	14.4
1/28/99	0:00:00	47.16	294.2	10.92	7.91	5.842	15
1/28/99	0:15:00	47.07	294.6	10.91	7.91	5.839	15

1/28/99	0:30:00	46.99	294.9	10.91	7.9	5.83	14.8
1/28/99	0:45:00	46.94	295.1	10.88	7.9	5.822	14.5
1/28/99	1:00:00	46.83	295.6	10.88	7.9	5.814	14.7
1/28/99	1:15:00	46.83	295.6	10.86	7.89	5.813	14.1
1/28/99	1:30:00	46.72	296.1	10.87	7.89	5.814	14.7
1/28/99	1:45:00	46.71	296.2	10.85	7.89	5.813	14.5
1/28/99	2:00:00	46.62	296.6	10.86	7.89	5.808	68.4
1/28/99	2:15:00	46.56	296.9	10.85	7.89	5.811	14.5
1/28/99	2:30:00	46.49	297.2	10.85	7.88	5.809	14.2
1/28/99	2:45:00	46.51	297.1	10.81	7.88	5.803	15.4
1/28/99	3:00:00	46.44	297.5	10.83	7.88	5.806	14.3
1/28/99	3:15:00	46.36	297.8	10.82	7.87	5.799	13.8
1/28/99	3:30:00	46.33	298	10.8	7.88	5.793	13.8
1/28/99	3:45:00	46.27	299.7	10.85	7.87	5.788	14.6
1/28/99	4:00:00	46.24	299.9	10.83	7.87	5.782	13.5
1/28/99	4:15:00	46.2	300.1	10.82	7.87	5.777	15
1/28/99	4:30:00	46.13	300.4	10.86	7.87	5.773	14.3
1/28/99	4:45:00	46.13	300.4	10.8	7.86	5.771	14.1
1/28/99	5:00:00	46.08	300.7	10.77	7.86	5.766	14
1/28/99	5:15:00	46	301	10.81	7.86	5.764	14.5
1/28/99	5:30:00	45.97	301.2	10.83	7.86	5.762	13.9
1/28/99	5:45:00	45.91	302.9	10.86	7.86	5.76	14.2
1/28/99	6:00:00	45.9	303	10.79	7.85	5.753	15.5
1/28/99	6:15:00	45.82	303.4	10.83	7.86	5.752	16.9
1/28/99	6:30:00	45.75	303.7	10.86	7.86	5.755	25.4
1/28/99	6:45:00	45.72	303.9	10.87	7.86	5.758	16.1
1/28/99	7:00:00	45.68	304	10.87	7.86	5.75	15.1
1/28/99	7:15:00	45.55	304.7	10.93	7.87	5.754	13.6
1/28/99	7:30:00	45.52	304.8	10.95	7.87	5.755	14.9
1/28/99	7:45:00	45.43	305.3	10.9	7.86	5.756	13.6
1/28/99	8:00:00	45.41	305.4	10.9	7.86	5.754	14.3
1/28/99	8:15:00	45.34	305.7	10.94	7.87	5.749	13.1
1/28/99	8:30:00	45.25	306.1	10.98	7.87	5.748	14
1/28/99	8:45:00	45.21	306.3	10.98	7.87	5.748	13.3
1/28/99	9:00:00	45.18	306.5	10.96	7.87	5.753	12.9
1/28/99	9:15:00	45.1	306.9	11	7.87	5.75	12.6
1/28/99	9:30:00	45.05	307.1	11.03	7.87	5.744	12.1
1/28/99	9:45:00	45.01	307.3	11.05	7.87	5.743	12.2
1/28/99	10:00:00	44.98	307.5	11.06	7.87	5.742	12
1/28/99	10:15:00	44.96	307.6	11.08	7.87	5.739	12.1
1/28/99	10:30:00	45	308.9	11.09	7.87	5.741	12.4
1/28/99	10:45:00	45	308.9	11.1	7.87	5.736	12
1/28/99	11:00:00	45.01	308.8	11.13	7.87	5.725	12.4
1/28/99	11:15:00	45.09	308.5	11.16	7.88	5.717	11.8
1/28/99	11:30:00	45.12	309.8	11.13	7.87	5.706	11.9
1/28/99	11:45:00	45.19	309.4	11.16	7.88	5.696	12.1
1/28/99	12:00:00	45.25	309.2	11.19	7.87	5.681	11.8
1/28/99	12:15:00	45.37	310	11.22	7.88	5.675	12.6
1/28/99	12:30:00	45.55	309.2	11.28	7.88	5.663	11.9

1/28/99	12:45:00	45.75	309.7	11.32	7.89	5.655	13
1/28/99	13:00:00	46.04	311.3	11.48	7.9	5.646	12.5
1/28/99	13:15:00	46.29	311.5	11.54	7.92	5.64	12.9
1/28/99	13:30:00	46.53	310.4	11.59	7.92	5.631	13
1/28/99	13:45:00	46.76	312.2	11.61	7.93	5.61	12.7
1/28/99	14:00:00	47.07	310.7	11.67	7.94	5.606	13
1/28/99	14:15:00	47.39	312	11.77	7.96	5.593	14.7
1/28/99	14:30:00	47.7	312	11.79	7.97	5.568	13
1/28/99	14:45:00	47.95	312.3	11.84	7.98	5.564	13.2
1/28/99	15:00:00	48.29	312.1	11.89	7.99	5.554	13.1
1/28/99	15:15:00	48.47	312.7	11.92	8	5.549	12.4
1/28/99	15:30:00	48.76	312.7	11.96	8.01	5.541	12.4
1/28/99	15:45:00	49.05	312.8	11.98	8.02	5.541	12.8
1/28/99	16:00:00	49.3	313	12.01	8.03	5.536	12.2
1/28/99	16:15:00	49.48	313.6	11.99	8.04	5.531	12.6
1/28/99	16:30:00	49.68	314.1	11.99	8.05	5.529	12.2
1/28/99	16:45:00	49.82	313.4	11.99	8.05	5.546	11.9
1/28/99	17:00:00	49.98	314	11.99	8.06	5.541	12
1/28/99	17:15:00	50.13	314.8	12.01	8.07	5.534	11.4
1/28/99	17:30:00	50.2	314.4	11.99	8.08	5.534	11.7
1/28/99	17:45:00	50.25	314.2	11.96	8.08	5.528	11.7
1/28/99	18:00:00	50.31	315.3	11.94	8.09	5.528	12.3
1/28/99	18:15:00	50.34	315.1	11.94	8.09	5.524	11.2
1/28/99	18:30:00	50.34	315.1	11.88	8.1	5.523	11.3
1/28/99	18:45:00	50.32	316.6	11.87	8.09	5.519	10.9
1/28/99	19:00:00	50.29	316.8	11.82	8.1	5.521	12.3
1/28/99	19:15:00	50.25	317	11.78	8.1	5.524	15.8
1/28/99	19:30:00	50.18	317.3	11.74	8.1	5.526	11.9
1/28/99	19:45:00	50.04	318	11.67	8.1	5.527	11.7
1/28/99	20:00:00	49.89	317.3	11.63	8.11	5.526	13.2
1/28/99	20:15:00	49.77	317.9	11.57	8.11	5.527	13.2
1/28/99	20:30:00	49.59	318.7	11.51	8.1	5.525	12
1/28/99	20:45:00	49.44	318	11.42	8.09	5.523	11.3
1/28/99	21:00:00	49.28	318.8	11.36	8.08	5.522	11.6
1/28/99	21:15:00	49.1	318.2	11.29	8.07	5.521	12.1
1/28/99	21:30:00	48.85	319.4	11.23	8.06	5.52	11.2
1/28/99	21:45:00	48.72	318.6	11.17	8.05	5.516	11.5
1/28/99	22:00:00	48.52	319.6	11.12	8.04	5.51	11.7
1/28/99	22:15:00	48.43	320	11.06	8.03	5.501	12.2
1/28/99	22:30:00	48.22	319.6	11.02	8.02	5.503	11.5
1/28/99	22:45:00	48.13	320.1	10.99	8.02	5.509	11.1
1/28/99	23:00:00	47.95	319.5	10.95	8.01	5.507	11.6
1/28/99	23:15:00	47.79	320.3	10.92	7.99	5.507	12.2
1/28/99	23:30:00	47.68	320.8	10.87	7.99	5.503	12.1
1/28/99	23:45:00	47.48	320.3	10.87	7.98	5.498	11.1
1/29/99	0:00:00	47.35	321	10.86	7.98	5.495	11.4
1/29/99	0:15:00	47.21	320.2	10.86	7.97	5.49	11.1
1/29/99	0:30:00	47.08	320.9	10.83	7.96	5.481	11
1/29/99	0:45:00	46.96	321.5	10.83	7.96	5.476	10.6

1/29/99	1:00:00	46.87	321.9	10.84	7.96	5.473	10.6
1/29/99	1:15:00	46.69	321.4	10.83	7.95	5.473	10.8
1/29/99	1:30:00	46.67	321.5	10.82	7.95	5.468	12.3
1/29/99	1:45:00	46.54	322.1	10.83	7.94	5.471	10.7
1/29/99	2:00:00	46.44	322.6	10.83	7.94	5.468	11.1
1/29/99	2:15:00	46.38	321.4	10.83	7.94	5.466	10.6
1/29/99	2:30:00	46.31	321.8	10.83	7.93	5.462	10.8
1/29/99	2:45:00	46.27	322	10.82	7.93	5.461	10.5
1/29/99	3:00:00	46.15	324.1	10.84	7.93	5.451	10.5
1/29/99	3:15:00	46.11	324.3	10.83	7.93	5.439	10.9
1/29/99	3:30:00	46.04	324.7	10.84	7.92	5.433	10.3
1/29/99	3:45:00	46	324.8	10.81	7.92	5.427	11.4
1/29/99	4:00:00	45.97	325	10.82	7.92	5.421	11.4
1/29/99	4:15:00	45.9	325.4	10.83	7.91	5.414	10.8
1/29/99	4:30:00	45.88	325.5	10.77	7.91	5.406	10.1
1/29/99	4:45:00	45.82	325.8	10.8	7.91	5.403	11.4
1/29/99	5:00:00	45.77	324.6	10.81	7.91	5.402	10.6
1/29/99	5:15:00	45.72	324.8	10.82	7.9	5.399	12.5
1/29/99	5:30:00	45.73	324.7	10.75	7.9	5.397	12
1/29/99	5:45:00	45.64	325.2	10.78	7.9	5.393	10.4
1/29/99	6:00:00	45.61	325.4	10.81	7.9	5.388	11.7
1/29/99	6:15:00	45.59	324	10.78	7.89	5.387	11.1
1/29/99	6:30:00	45.54	324.3	10.79	7.89	5.382	10.8
1/29/99	6:45:00	45.46	324.6	10.83	7.9	5.384	10.2
1/29/99	7:00:00	45.45	324.7	10.81	7.89	5.379	27.6
1/29/99	7:15:00	45.41	324.9	10.79	7.89	5.379	10.2
1/29/99	7:30:00	45.37	325.1	10.84	7.89	5.378	10
1/29/99	7:45:00	45.28	324.1	10.86	7.89	5.378	9.7
1/29/99	8:00:00	45.25	325.8	10.81	7.89	5.375	10.4
1/29/99	8:15:00	45.21	325.9	10.86	7.89	5.372	9.5
1/29/99	8:30:00	45.16	326.2	10.89	7.89	5.369	10.2
1/29/99	8:45:00	45.12	326.4	10.89	7.9	5.367	9.3
1/29/99	9:00:00	45.09	326.6	10.93	7.9	5.362	9.4
1/29/99	9:15:00	45.1	326.5	10.91	7.9	5.356	10
1/29/99	9:30:00	45.09	326.6	10.91	7.9	5.34	11.7
1/29/99	9:45:00	45.05	326.8	10.96	7.9	5.334	9.8
1/29/99	10:00:00	45.07	326.7	10.94	7.9	5.331	10.2
1/29/99	10:15:00	45.05	328.3	10.98	7.9	5.329	9.8
1/29/99	10:30:00	45.07	328.2	10.97	7.9	5.326	9.8
1/29/99	10:45:00	45.1	328	11.03	7.9	5.319	9.2
1/29/99	11:00:00	45.1	328	11.06	7.91	5.312	8.9
1/29/99	11:15:00	45.14	329.3	11.06	7.91	5.302	9.5
1/29/99	11:30:00	45.25	328.8	11.08	7.91	5.296	8.7
1/29/99	11:45:00	45.27	330.2	11.13	7.91	5.284	8.8
1/29/99	12:00:00	45.36	329.7	11.1	7.91	5.263	8.7
1/29/99	12:15:00	45.45	329.2	11.14	7.91	5.251	9.7
1/29/99	12:30:00	45.57	330.1	11.19	7.91	5.234	10.2
1/29/99	12:45:00	45.84	330.2	11.37	7.93	5.218	9
1/29/99	13:00:00	46.02	330.7	11.47	7.94	5.203	9.4

1/29/99	13:15:00	46.2	331.3	11.54	7.96	5.191	9.1
1/29/99	13:30:00	46.36	330.4	11.63	7.96	5.177	9.1
1/29/99	13:45:00	46.53	331	11.72	7.98	5.16	10.1
1/29/99	14:00:00	46.72	331.5	11.79	7.99	5.136	9.7
1/29/99	14:15:00	46.96	331.8	11.85	8	5.121	9.9
1/29/99	14:30:00	47.17	332.1	11.97	8.02	5.115	9.7
1/29/99	14:45:00	47.39	332.5	12.01	8.03	5.108	9.7
1/29/99	15:00:00	47.61	332.8	12.07	8.04	5.104	9.8
1/29/99	15:15:00	47.88	332.9	12.13	8.06	5.1	9
1/29/99	15:30:00	48.11	333.1	12.25	8.07	5.094	9.7
1/29/99	15:45:00	48.31	333.6	12.25	8.08	5.09	9.5
1/29/99	16:00:00	48.56	333.7	12.25	8.09	5.074	9
1/29/99	16:15:00	48.72	332.9	12.28	8.11	5.069	9
1/29/99	16:30:00	48.92	333.3	12.31	8.12	5.086	9.5
1/29/99	16:45:00	49.08	333.9	12.3	8.13	5.081	9.1
1/29/99	17:00:00	49.24	334.5	12.34	8.14	5.084	8.9
1/29/99	17:15:00	49.39	333.8	12.35	8.15	5.079	8.6
1/29/99	17:30:00	49.5	334.7	12.34	8.16	5.07	8.8
1/29/99	17:45:00	49.64	335.4	12.31	8.17	5.065	9.2
1/29/99	18:00:00	49.71	335	12.28	8.18	5.056	9
1/29/99	18:15:00	49.73	334.9	12.25	8.18	5.048	9.2
1/29/99	18:30:00	49.73	334.9	12.26	8.19	5.047	9.7
1/29/99	18:45:00	49.73	334.9	12.22	8.19	5.043	11.3
1/29/99	19:00:00	49.71	335	12.19	8.19	5.037	9.3
1/29/99	19:15:00	49.69	335.1	12.14	8.19	5.032	9.8
1/29/99	19:30:00	49.64	336.8	12.1	8.19	5.027	10
1/29/99	19:45:00	49.5	336.1	12.02	8.2	5.024	26.9
1/29/99	20:00:00	49.46	336.3	12.01	8.2	5.019	9.4
1/29/99	20:15:00	49.3	337.1	11.91	8.2	5.017	9.5
1/29/99	20:30:00	49.1	338.1	11.8	8.2	5.014	9.6
1/29/99	20:45:00	48.99	338.6	11.73	8.19	5.007	9
1/29/99	21:00:00	48.83	338	11.64	8.18	5	9.4
1/29/99	21:15:00	48.7	338.7	11.55	8.17	5	9.4
1/29/99	21:30:00	48.49	338.4	11.47	8.16	4.997	32.9
1/29/99	21:45:00	48.36	339	11.39	8.14	4.996	9.6
1/29/99	22:00:00	48.16	338.6	11.3	8.13	4.988	8.7
1/29/99	22:15:00	48	339.4	11.23	8.11	4.985	8.6
1/29/99	22:30:00	47.86	340.2	11.17	8.1	4.977	16
1/29/99	22:45:00	47.66	339.8	11.11	8.09	4.971	9.1
1/29/99	23:00:00	47.53	340.4	11.06	8.08	4.969	10.1
1/29/99	23:15:00	47.32	340.1	11	8.06	4.969	8.9
1/29/99	23:30:00	47.21	340.7	10.98	8.05	4.965	8.3
1/29/99	23:45:00	47.08	341.4	10.94	8.04	4.958	8.8
1/30/99	0:00:00	46.9	340.9	10.92	8.04	4.949	8.1
1/30/99	0:15:00	46.78	341.5	10.9	8.03	4.94	8.7
1/30/99	0:30:00	46.67	342.1	10.87	8.02	4.93	8.8
1/30/99	0:45:00	46.54	341.3	10.83	8.01	4.93	8.4
1/30/99	1:00:00	46.47	341.7	10.84	8	4.925	9.6
1/30/99	1:15:00	46.35	342.4	10.83	8	4.918	8.8

1/30/99	1:30:00	46.18	341.7	10.82	7.99	4.911	8.7
1/30/99	1:45:00	46.08	342.3	10.81	7.99	4.903	7.9
1/30/99	2:00:00	46.02	342.6	10.79	7.98	4.895	8.2
1/30/99	2:15:00	45.9	341.8	10.79	7.97	4.893	8.2
1/30/99	2:30:00	45.79	342.4	10.82	7.97	4.891	7.9
1/30/99	2:45:00	45.73	342.7	10.82	7.97	4.885	9.2
1/30/99	3:00:00	45.61	343.4	10.82	7.96	4.877	8.6
1/30/99	3:15:00	45.66	343.1	10.78	7.96	4.874	8.1
1/30/99	3:30:00	45.5	344	10.82	7.96	4.861	9
1/30/99	3:45:00	45.43	344.4	10.81	7.95	4.854	9.3
1/30/99	4:00:00	45.36	343.3	10.83	7.95	4.845	8.5
1/30/99	4:15:00	45.3	343.6	10.82	7.95	4.836	14.5
1/30/99	4:30:00	45.28	343.7	10.81	7.95	4.831	9.3
1/30/99	4:45:00	45.18	344.2	10.84	7.94	4.821	8.9
1/30/99	5:00:00	45.16	344.3	10.82	7.94	4.81	8.6
1/30/99	5:15:00	45.12	344.5	10.8	7.94	4.804	8.9
1/30/99	5:30:00	45.09	344.7	10.81	7.94	4.797	7.9
1/30/99	5:45:00	45.09	344.7	10.79	7.93	4.793	8.6
1/30/99	6:00:00	45.03	345	10.81	7.93	4.786	8.2
1/30/99	6:15:00	45.01	345.1	10.78	7.92	4.783	8
1/30/99	6:30:00	45	345.2	10.71	7.92	4.78	7.8
1/30/99	6:45:00	44.94	345.5	10.74	7.92	4.78	8.8
1/30/99	7:00:00	44.91	345.7	10.74	7.92	4.779	8.3
1/30/99	7:15:00	44.85	346	10.8	7.92	4.775	12.4
1/30/99	7:30:00	44.83	346.1	10.79	7.92	4.769	8.6
1/30/99	7:45:00	44.8	346.3	10.79	7.92	4.769	8.4
1/30/99	8:00:00	44.78	346.4	10.75	7.91	4.761	8.8
1/30/99	8:15:00	44.74	346.6	10.81	7.92	4.755	9.1
1/30/99	8:30:00	44.71	346.8	10.81	7.92	4.744	8.9
1/30/99	8:45:00	44.73	346.7	10.77	7.92	4.749	8.8
1/30/99	9:00:00	44.71	346.8	10.84	7.92	4.742	8.4
1/30/99	9:15:00	44.67	347.1	10.84	7.92	4.733	8.3
1/30/99	9:30:00	44.65	347.2	10.88	7.93	4.73	9.2
1/30/99	9:45:00	44.64	347.3	10.9	7.93	4.728	8.4
1/30/99	10:00:00	44.62	347.4	10.91	7.93	4.722	8.5
1/30/99	10:15:00	44.64	347.3	10.93	7.93	4.728	7.9
1/30/99	10:30:00	44.65	347.2	10.94	7.93	4.721	17.3
1/30/99	10:45:00	44.65	348.7	10.99	7.93	4.72	8
1/30/99	11:00:00	44.71	348.4	11.01	7.93	4.708	8
1/30/99	11:15:00	44.73	348.3	11	7.93	4.699	9.6
1/30/99	11:30:00	44.78	348	11.02	7.93	4.684	7.5
1/30/99	11:45:00	44.87	349	10.99	7.93	4.676	7.4
1/30/99	12:00:00	44.94	348.6	11.02	7.92	4.664	7.5
1/30/99	12:15:00	45.01	348.2	11.05	7.93	4.65	7.7
1/30/99	12:30:00	45.16	348.9	11.14	7.93	4.637	7.3
1/30/99	12:45:00	45.39	350.6	11.3	7.95	4.624	7.7
1/30/99	13:00:00	45.45	350.3	11.33	7.96	4.607	7.3
1/30/99	13:15:00	45.66	350.6	11.44	7.97	4.603	7.2
1/30/99	13:30:00	45.84	351.1	11.61	7.98	4.587	7.3



1/30/99	13:45:00	46	351.7	11.71	8	4.583	7.6
1/30/99	14:00:00	46.08	351.3	11.73	8.01	4.581	8.2
1/30/99	14:15:00	46.26	351.8	11.77	8.01	4.582	7.5
1/30/99	14:30:00	46.47	352	11.93	8.03	4.57	8.4
1/30/99	14:45:00	46.69	352.3	11.99	8.04	4.563	7.3
1/30/99	15:00:00	46.92	354	12.09	8.06	4.545	8.3
1/30/99	15:15:00	47.17	354.1	12.19	8.07	4.543	7.5
1/30/99	15:30:00	47.35	354.5	12.28	8.09	4.53	8.3
1/30/99	15:45:00	47.59	354.7	12.38	8.11	4.519	7.5
1/30/99	16:00:00	47.75	355.3	12.4	8.12	4.512	7.6
1/30/99	16:15:00	47.93	355.7	12.44	8.14	4.507	7.7
1/30/99	16:30:00	48.09	356.3	12.51	8.15	4.488	7.4
1/30/99	16:45:00	48.27	355.3	12.53	8.17	4.462	7.4
1/30/99	17:00:00	48.4	356.1	12.54	8.18	4.45	7.3
1/30/99	17:15:00	48.45	355.8	12.55	8.19	4.448	7.5
1/30/99	17:30:00	48.61	356.3	12.59	8.21	4.445	7.6
1/30/99	17:45:00	48.67	356	12.58	8.22	4.442	7.4
1/30/99	18:00:00	48.81	356.7	12.59	8.23	4.46	7.1
1/30/99	18:15:00	48.85	356.5	12.58	8.24	4.46	7.9
1/30/99	18:30:00	48.88	356.3	12.55	8.25	4.456	7.7
1/30/99	18:45:00	48.92	356.1	12.51	8.25	4.445	7.3
1/30/99	19:00:00	48.96	355.9	12.51	8.26	4.435	8.2
1/30/99	19:15:00	48.97	355.8	12.47	8.26	4.414	7.7
1/30/99	19:30:00	48.97	355.8	12.4	8.26	4.398	7.9
1/30/99	19:45:00	48.97	355.8	12.38	8.26	4.388	8.9
1/30/99	20:00:00	48.97	355.8	12.33	8.26	4.387	8.6
1/30/99	20:15:00	48.96	355.9	12.26	8.27	4.384	12.1
1/30/99	20:30:00	48.96	355.9	12.21	8.26	4.387	9.2
1/30/99	20:45:00	48.94	356	12.11	8.26	4.386	7.8
1/30/99	21:00:00	48.88	356.3	11.97	8.25	4.387	7.6
1/30/99	21:15:00	48.81	356.7	11.83	8.25	4.387	7.9
1/30/99	21:30:00	48.76	357	11.74	8.24	4.391	8.4
1/30/99	21:45:00	48.69	357.4	11.62	8.23	4.395	21
1/30/99	22:00:00	48.65	356.1	11.49	8.22	4.388	9.1
1/30/99	22:15:00	48.6	356.4	11.41	8.2	4.375	6.9
1/30/99	22:30:00	48.56	356.6	11.34	8.19	4.366	7.5
1/30/99	22:45:00	48.51	356.9	11.21	8.17	4.375	7.6
1/30/99	23:00:00	48.4	356.1	11.09	8.16	4.373	9.4
1/30/99	23:15:00	48.33	356.5	11	8.14	4.363	7.3
1/30/99	23:30:00	48.27	355.3	10.94	8.12	4.368	9
1/30/99	23:45:00	48.2	355.7	10.88	8.11	4.391	7.4
1/31/99	0:00:00	48.22	355.6	10.83	8.1	4.395	6.8
1/31/99	0:15:00	48.2	355.7	10.79	8.08	4.437	7.9
1/31/99	0:30:00	48.11	354.8	10.71	8.05	4.55	17.5
1/31/99	0:45:00	47.98	352.5	10.72	8.02	4.754	29
1/31/99	1:00:00	47.89	344.4	10.69	7.98	5.029	96.7
1/31/99	1:15:00	48.49	298.2	10.62	7.9	5.307	119.4
1/31/99	1:30:00	48.88	256.5	10.54	7.81	6.614	138
1/31/99	1:45:00	48.85	199.6	10.56	7.7	6.814	158.7

1/31/99	2:00:00	48.67	154.4	10.66	7.62	7.012	174.9
1/31/99	2:15:00	48.49	129	10.73	7.58	7.171	191.8
1/31/99	2:30:00	48.33	117.9	10.79	7.55	7.275	203.3
1/31/99	2:45:00	48.24	116.6	10.82	7.52	7.336	199.3
1/31/99	3:00:00	48.15	116.7	10.85	7.48	7.362	191.3
1/31/99	3:15:00	48.02	121.3	10.88	7.5	7.371	197.6
1/31/99	3:30:00	47.89	128.8	10.9	7.5	7.385	197.9
1/31/99	3:45:00	47.8	134.7	10.91	7.51	7.413	201.6
1/31/99	4:00:00	47.73	136.3	10.91	7.5	7.485	195.2
1/31/99	4:15:00	47.68	135	10.92	7.5	7.56	210.2
1/31/99	4:30:00	47.62	133.7	10.92	7.47	7.702	223.4
1/31/99	4:45:00	47.55	132.4	10.96	7.46	7.861	261.7
1/31/99	5:00:00	47.5	132.5	10.98	7.42	7.994	310.4
1/31/99	5:15:00	47.39	134.1	11.02	7.42	8.112	339.8
1/31/99	5:30:00	47.3	134.3	11.04	7.4	8.207	345.9
1/31/99	5:45:00	47.17	136.1	11.07	7.41	8.277	375.8
1/31/99	6:00:00	47.03	137.8	11.12	7.4	8.356	383.7
1/31/99	6:15:00	46.89	141.1	11.15	7.49	8.383	369.8
1/31/99	6:30:00	46.8	142.8	11.18	7.39	8.397	330.9
1/31/99	6:45:00	46.74	141.4	11.18	7.43	8.441	284.2
1/31/99	7:00:00	46.71	141.5	11.19	7.42	8.451	267.1
1/31/99	7:15:00	46.67	141.6	11.21	7.44	8.43	264.3
1/31/99	7:30:00	46.65	141.6	11.21	7.46	8.419	272.6
1/31/99	7:45:00	46.63	138.7	11.21	7.42	8.411	280.8
1/31/99	8:00:00	46.62	138.7	11.21	7.43	8.395	289
1/31/99	8:15:00	46.62	138.7	11.21	7.44	8.37	301.2
1/31/99	8:30:00	46.6	140.2	11.23	7.43	8.349	313
1/31/99	8:45:00	46.6	140.2	11.23	7.42	8.313	307.7
1/31/99	9:00:00	46.6	141.7	11.24	7.43	8.289	318
1/31/99	9:15:00	46.6	143.2	11.23	7.44	8.25	332.3
1/31/99	9:30:00	46.62	144.6	11.24	7.43	8.22	345
1/31/99	9:45:00	46.65	146	11.24	7.43	8.192	346.3
1/31/99	10:00:00	46.71	147.4	11.21	7.44	8.163	364
1/31/99	10:15:00	46.78	148.7	11.23	7.45	8.14	352.2
1/31/99	10:30:00	46.81	150.1	11.21	7.46	8.123	349.3
1/31/99	10:45:00	46.83	151.5	11.22	7.45	8.105	350.7
1/31/99	11:00:00	46.9	152.8	11.21	7.45	8.082	359.1
1/31/99	11:15:00	47.01	155.5	11.2	7.46	8.071	353.3
1/31/99	11:30:00	47.16	156.6	11.18	7.47	8.073	342.7
1/31/99	11:45:00	47.3	157.7	11.16	7.46	8.068	335.2
1/31/99	12:00:00	47.41	158.9	11.15	7.47	8.066	328.6
1/31/99	12:15:00	47.5	160.1	11.13	7.47	8.064	301.4
1/31/99	12:30:00	47.61	161.3	11.11	7.48	8.077	282
1/31/99	12:45:00	47.7	162.5	11.1	7.48	8.08	304.9
1/31/99	13:00:00	47.79	163.8	11.07	7.49	8.101	291.4
1/31/99	13:15:00	47.95	166.3	11.04	7.49	8.113	276.9
1/31/99	13:30:00	48.13	167.2	10.99	7.5	8.135	274.8
1/31/99	13:45:00	48.38	168	11	7.5	8.143	267
1/31/99	14:00:00	48.56	169	10.97	7.5	8.164	268.6

1/31/99	14:15:00	48.74	170	10.94	7.49	8.18	262.6
1/31/99	14:30:00	48.83	171.2	10.93	7.5	8.198	243.5
1/31/99	14:45:00	48.87	172.5	10.93	7.51	8.218	235.2
1/31/99	15:00:00	48.85	174	10.93	7.51	8.234	237.9
1/31/99	15:15:00	48.85	174	10.89	7.52	8.242	242.5
1/31/99	15:30:00	48.88	175.3	10.88	7.52	8.26	231.5
1/31/99	15:45:00	48.96	176.5	10.86	7.52	8.281	234.6
1/31/99	16:00:00	49.01	176.4	10.85	7.52	8.303	219.1
1/31/99	16:15:00	49.05	177.7	10.82	7.52	8.332	205
1/31/99	16:30:00	49.08	179	10.8	7.52	8.349	215.1
1/31/99	16:45:00	49.12	178.9	10.79	7.52	8.37	209.8
1/31/99	17:00:00	49.12	180.4	10.78	7.53	8.393	217.1
1/31/99	17:15:00	49.12	180.4	10.75	7.53	8.406	205.1
1/31/99	17:30:00	49.08	181.9	10.75	7.53	8.428	203.7
1/31/99	17:45:00	49.05	183.4	10.73	7.52	8.455	183.9
1/31/99	18:00:00	48.99	183.6	10.72	7.53	8.482	182.8
1/31/99	18:15:00	48.92	185.2	10.71	7.53	8.502	192.7
1/31/99	18:30:00	48.87	186.8	10.71	7.54	8.531	188.7
1/31/99	18:45:00	48.81	186.9	10.68	7.54	8.553	178.2
1/31/99	19:00:00	48.76	188.5	10.67	7.54	8.575	168.2
1/31/99	19:15:00	48.72	188.6	10.67	7.55	8.598	166
1/31/99	19:30:00	48.67	190.2	10.66	7.55	8.626	168.3
1/31/99	19:45:00	48.63	190.3	10.65	7.55	8.639	161.5
1/31/99	20:00:00	48.6	191.8	10.63	7.55	8.655	160.6
1/31/99	20:15:00	48.56	191.9	10.63	7.55	8.675	149.4
1/31/99	20:30:00	48.52	193.5	10.61	7.55	8.691	148.2
1/31/99	20:45:00	48.49	195	10.62	7.55	8.705	154.1
1/31/99	21:00:00	48.45	195.1	10.59	7.55	8.726	138
1/31/99	21:15:00	48.4	196.7	10.58	7.56	8.74	144
1/31/99	21:30:00	48.36	196.8	10.57	7.56	8.75	136.4
1/31/99	21:45:00	48.33	198.4	10.53	7.55	8.763	135.4
1/31/99	22:00:00	48.29	198.5	10.56	7.56	8.779	142.4
1/31/99	22:15:00	48.24	200.1	10.58	7.56	8.792	130.9
1/31/99	22:30:00	48.18	200.2	10.54	7.56	8.801	130.4
1/31/99	22:45:00	48.15	201.8	10.54	7.56	8.814	127.3
1/31/99	23:00:00	48.07	202	10.55	7.56	8.826	135.4
1/31/99	23:15:00	48.04	202.1	10.56	7.56	8.833	122.6
1/31/99	23:30:00	47.97	203.8	10.59	7.56	8.846	124.3
1/31/99	23:45:00	47.91	204	10.57	7.56	8.853	123.3
2/1/99	0:00:00	47.84	205.6	10.6	7.57	8.859	117.2

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
2/18/99	0:00:00	52.56	218.7	10.66	7.69	2.178	82.6
2/18/99	0:15:00	52.54	220.1	10.64	7.68	2.15	83.9
2/18/99	0:30:00	52.52	220.2	10.61	7.68	2.137	73.2
2/18/99	0:45:00	52.52	221.5	10.64	7.69	2.108	73.9
2/18/99	1:00:00	52.5	223	10.66	7.68	2.076	74.7
2/18/99	1:15:00	52.48	223	10.66	7.68	2.013	72.9
2/18/99	1:30:00	52.47	224.4	10.69	7.7	1.991	70.9
2/18/99	1:45:00	52.43	224.5	10.7	7.69	1.965	78.5
2/18/99	2:00:00	52.41	226	10.71	7.68	1.942	74.1
2/18/99	2:15:00	52.36	227.5	10.7	7.69	1.912	72.1
2/18/99	2:30:00	52.34	228.9	10.69	7.68	1.894	74.8
2/18/99	2:45:00	52.29	227.7	10.69	7.68	1.849	70.9
2/18/99	3:00:00	52.27	230.5	10.68	7.68	1.825	67.2
2/18/99	3:15:00	52.23	233.3	10.69	7.67	1.801	63.5
2/18/99	3:30:00	52.18	234.9	10.68	7.68	1.751	70.6
2/18/99	3:45:00	52.14	235	10.68	7.7	1.716	64.9
2/18/99	4:00:00	52.09	235.2	10.69	7.67	1.711	66.3
2/18/99	4:15:00	52.05	236.6	10.69	7.69	1.7	63.1
2/18/99	4:30:00	52.02	236.8	10.67	7.68	1.663	61.6
2/18/99	4:45:00	51.89	216.8	10.67	7.65	1.634	66.4
2/18/99	5:00:00	51.84	204.6	10.61	7.62	1.61	60
2/18/99	5:15:00	51.85	200.5	10.56	7.61	1.537	50.6
2/18/99	5:30:00	51.82	199.2	10.53	7.61	1.52	53.6
2/18/99	5:45:00	51.8	197.9	10.53	7.59	1.504	53.7
2/18/99	6:00:00	51.78	199.3	10.52	7.58	1.474	53
2/18/99	6:15:00	51.75	199.4	10.52	7.58	1.464	53.3
2/18/99	6:30:00	51.71	199.6	10.53	7.6	1.435	56.2
2/18/99	6:45:00	51.69	199.6	10.51	7.57	1.408	53.3
2/18/99	7:00:00	51.67	201	10.53	7.59	1.387	49.5
2/18/99	7:15:00	51.64	201.1	10.55	7.58	1.379	49.7
2/18/99	7:30:00	51.64	201.1	10.54	7.57	1.323	51.5
2/18/99	7:45:00	51.64	201.1	10.53	7.58	1.298	51.3
2/18/99	8:00:00	51.62	201.2	10.55	7.59	1.274	51.9
2/18/99	8:15:00	51.62	201.2	10.55	7.6	1.231	52.1
2/18/99	8:30:00	51.62	202.5	10.56	7.6	1.215	49.9
2/18/99	8:45:00	51.75	217.2	10.53	7.57	1.203	70.6
2/18/99	9:00:00	51.75	236.3	10.75	7.66	1.172	65.1
2/18/99	9:15:00	51.73	240.5	10.83	7.66	1.15	70.7
2/18/99	9:30:00	51.73	241.9	10.83	7.69	1.099	59
2/18/99	9:45:00	51.75	244.5	10.84	7.68	1.058	72.2
2/18/99	10:00:00	51.75	244.5	10.85	7.67	1.05	74.7
2/18/99	10:15:00	51.75	244.5	10.86	7.69	1.022	60.5
2/18/99	10:30:00	51.76	243.1	10.86	7.69	0.995	56.6
2/18/99	10:45:00	51.85	244.1	10.86	7.69	0.978	64.2
2/18/99	11:00:00	51.91	244	10.87	7.7	0.97	68.8
2/18/99	11:15:00	51.98	245.1	10.86	7.7	0.964	65.1
2/18/99	11:30:00	51.94	246.6	10.88	7.7	0.958	59

2/18/99	11:45:00	51.98	246.4	10.9	7.7	0.945	54.5
2/18/99	12:00:00	52	246.4	10.89	7.69	0.966	57
2/18/99	12:15:00	52.03	246.2	10.9	7.69	0.989	60.8
2/18/99	12:30:00	52.05	240.7	10.91	7.68	1.047	64.5
2/18/99	12:45:00	52.07	236.6	10.89	7.69	1.09	72.3
2/18/99	13:00:00	52.07	229.8	10.87	7.68	1.134	66.9
2/18/99	13:15:00	52.14	225.5	10.85	7.66	1.137	82.1
2/18/99	13:30:00	52.27	222.4	10.8	7.63	1.152	88.9
2/18/99	13:45:00	52.36	215.3	10.77	7.62	1.155	79.6
2/18/99	14:00:00	52.41	201.6	10.74	7.58	1.178	83.9
2/18/99	14:15:00	52.41	190.8	10.74	7.59	1.212	93.2
2/18/99	14:30:00	52.45	182.6	10.77	7.59	1.269	86.7
2/18/99	14:45:00	52.47	179.8	10.79	7.57	1.33	95.8
2/18/99	15:00:00	52.45	175.8	10.79	7.58	1.363	99.8
2/18/99	15:15:00	52.45	170.4	10.81	7.57	1.399	114.7
2/18/99	15:30:00	52.47	160.9	10.83	7.55	1.428	132.4
2/18/99	15:45:00	52.45	154.2	10.86	7.55	1.46	142.2
2/18/99	16:00:00	52.39	150.2	10.87	7.56	1.496	140.1
2/18/99	16:15:00	52.3	147.7	10.91	7.54	1.523	165.7
2/18/99	16:30:00	52.21	145.2	10.94	7.53	1.55	180.1
2/18/99	16:45:00	52.11	144.1	10.97	7.55	1.541	194.9
2/18/99	17:00:00	52.02	144.2	10.99	7.55	1.525	205.2
2/18/99	17:15:00	51.89	147.2	11.02	7.58	1.488	216.8
2/18/99	17:30:00	51.76	150.2	11.05	7.59	1.448	222.7
2/18/99	17:45:00	51.64	154.6	11.07	7.58	1.407	215.6
2/18/99	18:00:00	51.53	159	11.08	7.59	1.364	212.9
2/18/99	18:15:00	51.44	161.9	11.09	7.58	1.334	213.1
2/18/99	18:30:00	51.39	164.8	11.08	7.59	1.291	201
2/18/99	18:45:00	51.33	169	11.09	7.59	1.258	194.6
2/18/99	19:00:00	51.28	171.9	11.07	7.59	1.226	207.3
2/18/99	19:15:00	51.26	174.7	11.07	7.62	1.19	195.7
2/18/99	19:30:00	51.22	177.6	11.06	7.63	1.173	188.7
2/18/99	19:45:00	51.21	179	11.04	7.63	1.153	182.1
2/18/99	20:00:00	51.19	180.4	11.04	7.6	1.135	189.3
2/18/99	20:15:00	51.15	180.5	11.04	7.58	1.125	189.4
2/18/99	20:30:00	51.1	183.4	11.03	7.58	1.113	176.3
2/18/99	20:45:00	51.04	184.9	11.02	7.57	1.104	171.7
2/18/99	21:00:00	51.03	185	11.03	7.58	1.094	191.1
2/18/99	21:15:00	50.88	188.1	11.12	7.6	1.079	162.9
2/18/99	21:30:00	50.92	189.4	11.47	7.6	1.066	174.5
2/18/99	21:45:00	50.88	190.9	11.45	7.56	1.06	156.8
2/18/99	22:00:00	50.45	192.1	11.47	7.58	1.041	154.4
2/18/99	22:15:00	47.98	98.3	12	7.61	1.03	160.2
2/18/99	22:30:00	46.67	48.7	12.26	7.6	1.014	178.1
2/18/99	22:45:00	45.18	3	12.6	7.6	1.001	1101.7
2/18/99	23:00:00	44.46	3.1	12.75	7.64	0.983	0.1
2/18/99	23:15:00	43.74	1.5	12.89	7.78	0.969	0.4
2/18/99	23:30:00	43.32	1.6	12.99	7.94	0.948	0.3
2/18/99	23:45:00	42.93	1.6	13.09	8.12	0.921	0.3

2/19/99	0:00:00	42.98	1.6	13.06	8.19	0.899	0.1
2/19/99	0:15:00	43.77	1.5	12.9	8.2	0.881	0.1
2/19/99	0:30:00	43.57	1.5	12.94	8.07	0.848	0.1
2/19/99	0:45:00	43.21	1.6	13.02	7.92	0.818	0.1
2/19/99	1:00:00	42.82	1.6	13.09	7.69	0.821	0.2
2/19/99	1:15:00	41.92	1.6	13.3	7.68	0.834	0.2
2/19/99	1:30:00	40.84	1.6	13.54	7.61	0.836	0.4
2/19/99	1:45:00	39.88	1.6	13.76	7.52	0.836	0.8
2/19/99	2:00:00	40.28	1.6	13.69	7.49	0.834	2.2
2/19/99	2:15:00	40.21	1.6	13.67	7.46	0.818	1.1
2/19/99	2:30:00	39.88	1.6	13.76	7.45	0.817	2.4
2/19/99	2:45:00	38.48	1.7	14.08	7.39	0.82	1
2/19/99	3:00:00	39.16	1.7	13.9	7.41	0.813	2
2/19/99	3:15:00	39.18	1.7	13.94	7.4	0.819	1.5
2/19/99	3:30:00	37.78	1.7	14.24	7.32	0.832	0.4
2/19/99	3:45:00	38.73	1.7	14.03	7.34	0.838	0.5
2/19/99	4:00:00	39.4	1.7	13.88	7.36	0.844	0.4
2/19/99	4:15:00	39.42	1.7	13.88	7.35	0.848	0.3
2/19/99	4:30:00	40.06	1.6	13.72	7.33	0.851	2.2
2/19/99	4:45:00	40.48	1.6	13.64	7.32	0.858	0.6
2/19/99	5:00:00	39.85	1.7	13.77	7.3	0.864	0.5
2/19/99	5:15:00	39.85	1.7	13.78	7.32	0.867	0.4
2/19/99	5:30:00	39.67	1.7	13.83	7.3	0.876	0.4
2/19/99	5:45:00	38.66	1.7	14.06	7.28	0.876	0.2
2/19/99	6:00:00	38.1	1.7	14.2	7.3	0.878	0.7
2/19/99	6:15:00	38.86	1.7	14.01	7.3	0.868	0.7
2/19/99	6:30:00	37.81	1.7	14.26	7.28	0.867	0.6
2/19/99	6:45:00	37.65	1.7	14.31	7.27	0.862	0.4
2/19/99	7:00:00	37.98	1.7	14.23	7.29	0.857	0.2
2/19/99	7:15:00	39.11	1.7	13.98	7.35	0.874	0.3
2/19/99	7:30:00	40.28	1.6	13.71	7.3	0.874	0.2
2/19/99	7:45:00	40.6	1.6	13.65	7.23	0.883	0.4
2/19/99	8:00:00	40.91	1.6	13.61	7.18	0.884	1.6
2/19/99	8:15:00	41.13	1.6	13.6	7.11	0.892	0.9
2/19/99	8:30:00	42.53	1.6	13.37	7.06	0.897	1.3
2/19/99	8:45:00	44.73	1.5	13	6.41	0.895	0.3
2/19/99	9:00:00	48.34	0	12.31	6.37	0.887	0.5
2/19/99	9:15:00	47.64	0	12.49	6.29	0.897	0.5
2/19/99	9:30:00	50.97	0	11.86	6.25	0.889	0.5
2/19/99	9:45:00	50.97	0	11.96	6.22	0.877	0.5
2/19/99	10:00:00	53.28	0	11.57	6.2	0.878	0.6
2/19/99	10:15:00	52.54	0	11.8	6.15	0.877	0.6
2/19/99	10:30:00	51.89	0	11.94	6.15	0.882	0.6
2/19/99	10:45:00	53.37	0	11.73	6.07	0.877	0.8
2/19/99	11:00:00	54.05	0	11.65	6.1	0.876	0.8
2/19/99	11:15:00	54.41	0	11.6	6.14	0.876	0.8
2/19/99	11:30:00	55.4	0	11.44	6.07	0.864	0.9
2/19/99	11:45:00	56.34	0	11.3	6.19	0.854	0.9
2/19/99	12:00:00	56.25	0	11.35	6.01	0.85	1

2/19/99	12:15:00	56.44	0	11.31	6.06	0.848	0.9
2/19/99	12:30:00	57.63	0	11.18	5.99	0.836	0.9
2/19/99	12:45:00	59.07	0	11.01	5.92	0.821	0.9
2/19/99	13:00:00	58.82	0	11.04	5.86	0.825	0.9
2/19/99	13:15:00	60.26	0	10.82	5.79	0.824	1
2/19/99	13:30:00	59.74	0	10.86	5.84	0.824	1
2/19/99	13:45:00	60.17	0	10.75	5.85	0.811	0.9
2/19/99	14:00:00	60.28	0	10.73	5.85	0.804	0.9
2/19/99	14:15:00	60.6	0	10.65	5.85	0.794	0.9
2/19/99	14:30:00	60.39	0	10.66	5.82	0.789	0.9
2/19/99	14:45:00	61.18	0	10.55	5.76	0.776	0.9
2/19/99	15:00:00	61.83	0	10.45	5.71	0.772	0.9
2/19/99	15:15:00	62.96	0	10.29	5.68	0.761	0.9
2/19/99	15:30:00	63.32	0	10.23	5.7	0.758	1.2
2/19/99	15:45:00	62.92	0	10.26	5.7	0.758	1.1
2/19/99	16:00:00	62.85	0	10.23	5.69	0.753	0.9
2/19/99	16:15:00	62.76	0	10.19	5.7	0.743	1.1
2/19/99	16:30:00	62.02	0	10.24	5.72	0.752	0.9
2/19/99	16:45:00	61.54	0	10.24	5.76	0.737	0.9
2/19/99	17:00:00	60.46	0	10.33	5.81	0.726	0.9
2/19/99	17:15:00	58.62	0	10.52	5.89	0.717	0.9
2/19/99	17:30:00	56.21	0	10.8	6.12	0.717	2.8
2/19/99	17:45:00	53.15	0	11.2	6.23	0.708	0.8
2/19/99	18:00:00	49.95	0	11.68	6.39	0.709	0.9
2/19/99	18:15:00	46.81	0	12.21	6.51	0.713	0.8
2/19/99	18:30:00	45.93	0	12.35	6.59	0.712	0.8
2/19/99	18:45:00	44.96	0	12.53	6.76	0.725	6.7
2/19/99	19:00:00	44.65	0	12.56	6.69	0.732	0.8
2/19/99	19:15:00	45.86	0	12.35	6.82	0.741	0.8
2/19/99	19:30:00	44.62	0	12.59	6.75	0.739	0.8
2/19/99	19:45:00	44.42	0	12.61	6.86	0.74	0.8
2/19/99	20:00:00	42.46	0	13	6.85	0.735	0.8
2/19/99	20:15:00	41.4	0	13.22	6.94	0.739	0.7
2/19/99	20:30:00	40.96	0	13.3	7.1	0.737	0.7
2/19/99	20:45:00	39.92	0	13.54	7	0.732	0.7
2/19/99	21:00:00	39.88	0	13.52	7.14	0.732	0.7
2/19/99	21:15:00	39.94	0	13.51	7.07	0.734	0.7
2/19/99	21:30:00	40.71	0	13.38	7.21	0.741	0.7
2/19/99	21:45:00	41.34	0	13.22	7.07	0.743	0.7
2/19/99	22:00:00	39.74	0	13.55	6.95	0.742	0.7
2/19/99	22:15:00	39.65	0	13.58	7.16	0.742	0.7
2/19/99	22:30:00	39.42	0	13.63	7.18	0.742	0.7
2/19/99	22:45:00	38.77	0	13.76	7.14	0.74	0.7
2/19/99	23:00:00	38.97	0	13.72	7.2	0.732	0.6
2/19/99	23:15:00	37.74	0	14.02	7.11	0.73	0.7
2/19/99	23:30:00	37.29	0	14.13	7.15	0.733	0.6
2/19/99	23:45:00	37.13	0	14.18	7.18	0.728	0.7
2/20/99	0:00:00	38.71	0	13.88	7.31	0.733	0.8
2/20/99	0:15:00	36.91	0	14.24	7.24	0.732	0.6

2/20/99	0:30:00	37.18	0	14.15	7.28	0.723	0.6
2/20/99	0:45:00	38.62	0	13.88	7.35	0.724	0.6
2/20/99	1:00:00	39.36	0	13.71	7.35	0.728	0.6
2/20/99	1:15:00	38.41	0	13.93	7.31	0.717	0.6
2/20/99	1:30:00	38.21	0	13.97	7.28	0.713	0.6
2/20/99	1:45:00	38.79	0	13.84	7.33	0.714	0.5
2/20/99	2:00:00	37.83	0	14.06	7.29	0.706	0.6
2/20/99	2:15:00	38.07	0	14.02	7.3	0.704	0.5
2/20/99	2:30:00	38.19	0	13.98	7.29	0.709	0.5
2/20/99	2:45:00	38.28	0	13.98	7.29	0.701	0.6
2/20/99	3:00:00	38.71	0	13.86	7.31	0.698	0.5
2/20/99	3:15:00	38.21	0	13.98	7.31	0.692	0.6
2/20/99	3:30:00	37.83	0	14.09	7.29	0.688	0.7
2/20/99	3:45:00	37.99	0	14.05	7.3	0.687	0.6
2/20/99	4:00:00	38.26	0	13.97	7.32	0.686	0.6
2/20/99	4:15:00	39.06	0	13.78	7.33	0.68	0.5
2/20/99	4:30:00	39.49	0	13.69	7.31	0.672	0.5
2/20/99	4:45:00	39.83	0	13.6	7.18	0.675	0.7
2/20/99	5:00:00	39.99	0	13.57	6.89	0.672	0.7
2/20/99	5:15:00	40.12	0	13.53	6.9	0.672	0.7
2/20/99	5:30:00	40.12	0	13.52	6.75	0.671	0.7
2/20/99	5:45:00	40.06	0	13.54	6.73	0.679	0.7
2/20/99	6:00:00	40.21	0	13.5	6.73	0.67	0.7
2/20/99	6:15:00	40.26	0	13.48	6.69	0.662	0.8
2/20/99	6:30:00	40.41	0	13.44	6.77	0.667	0.7
2/20/99	6:45:00	40.06	0	13.5	6.83	0.668	0.8
2/20/99	7:00:00	40.33	0	13.45	6.88	0.667	0.8
2/20/99	7:15:00	40.69	0	13.37	6.78	0.681	0.7
2/20/99	7:30:00	41.41	0	13.22	6.66	0.684	0.8
2/20/99	7:45:00	41.68	0	13.17	6.69	0.691	0.7
2/20/99	8:00:00	41.79	0	13.15	6.69	0.69	0.8
2/20/99	8:15:00	42.1	0	13.09	6.77	0.692	0.8
2/20/99	8:30:00	42.17	0	13.09	6.6	0.7	1.2
2/20/99	8:45:00	42.39	0	13.06	6.57	0.703	0.8
2/20/99	9:00:00	42.62	0	13.02	6.58	0.701	0.8
2/20/99	9:15:00	42.78	0	12.98	6.66	0.697	0.8
2/20/99	9:30:00	43.03	0	12.93	6.75	0.682	0.7
2/20/99	9:45:00	43.81	0	12.8	6.73	0.686	0.7
2/20/99	10:00:00	44.56	0	12.67	6.66	0.684	0.8
2/20/99	10:15:00	44.44	0	12.73	6.67	0.686	0.8
2/20/99	10:30:00	44.67	0	12.7	6.8	0.711	0.7
2/20/99	10:45:00	44.98	0	12.66	6.7	0.712	0.7
2/20/99	11:00:00	45.32	0	12.62	6.76	0.703	0.9
2/20/99	11:15:00	45.3	0	12.66	6.8	0.7	0.9
2/20/99	11:30:00	45.28	0	12.68	7.04	0.691	14.3
2/20/99	11:45:00	45.61	0	12.61	7.06	0.682	0.9
2/20/99	12:00:00	45.82	0	12.62	7.07	0.678	1.6
2/20/99	12:15:00	45.72	0	12.63	7.2	0.669	3.7
2/20/99	12:30:00	45.66	0	12.63	7.12	0.67	0.7



2/20/99	12:45:00	45.7	0	12.63	7.18	0.677	3.9
2/20/99	13:00:00	45.99	0	12.57	7.33	0.698	2.4
2/20/99	13:15:00	46.11	0	12.55	7.28	0.699	2.3
2/20/99	13:30:00	46.92	0	12.38	7.24	0.685	0.2
2/20/99	13:45:00	47.07	0	12.35	7.17	0.635	0.1
2/20/99	14:00:00	46.67	0	12.43	7.2	0.633	0.5
2/20/99	14:15:00	46.51	0	12.45	7.18	0.655	7.2
2/20/99	14:30:00	46.89	0	12.38	7.13	0.652	1.2
2/20/99	14:45:00	46.81	0	12.39	7.15	0.65	3.7
2/20/99	15:00:00	46.8	0	12.38	7.13	0.652	5
2/20/99	15:15:00	46.8	0	12.38	7.2	0.656	3.1
2/20/99	15:30:00	46.92	0	12.35	7.23	0.645	2.4
2/20/99	15:45:00	46.9	0	12.35	7.21	0.645	3.8
2/20/99	16:00:00	47.08	0	12.3	7.21	0.644	1.6
2/20/99	16:15:00	47.08	0	12.29	7.27	0.638	2.5
2/20/99	16:30:00	47.1	0	12.27	7.25	0.644	8.3
2/20/99	16:45:00	47.52	0	12.18	7.24	0.645	3.2
2/20/99	17:00:00	47.66	0	12.15	7.25	0.643	1.9
2/20/99	17:15:00	48.07	0	12.06	7.31	0.641	3
2/20/99	17:30:00	47.82	0	12.1	7.34	0.649	4.3
2/20/99	17:45:00	47.88	0	12.08	7.31	0.65	5.1
2/20/99	18:00:00	48.09	0	12.04	7.35	0.649	0.4
2/20/99	18:15:00	48.2	0	12.01	7.35	0.651	164.8
2/20/99	18:30:00	48.15	0	12.01	7.4	0.654	0.5
2/20/99	18:45:00	47.75	0	12.08	7.37	0.663	4.7
2/20/99	19:00:00	47.28	0	12.18	7.36	0.674	1.3
2/20/99	19:15:00	45.68	0	12.49	7.32	0.666	0.6
2/20/99	19:30:00	45.54	0	12.52	7.34	0.67	2.8
2/20/99	19:45:00	45.68	0	12.48	7.33	0.664	0.6
2/20/99	20:00:00	45.97	0	12.41	7.33	0.661	1
2/20/99	20:15:00	46.22	0	12.36	7.71	0.708	0.2
2/20/99	20:30:00	49.26	55.3	11.73	7.44	0.819	167.5
2/20/99	20:45:00	49.35	148.6	11.39	7.37	0.925	173.3
2/20/99	21:00:00	49.3	148.7	11.4	7.35	1.007	184.4
2/20/99	21:15:00	49.23	146	11.42	7.37	1.082	179.7
2/20/99	21:30:00	49.15	144.8	11.43	7.38	1.104	182.1
2/20/99	21:45:00	49.1	146.3	11.44	7.36	1.114	181.7
2/20/99	22:00:00	49.05	147.9	11.45	7.38	1.124	178.9
2/20/99	22:15:00	48.99	148	11.47	7.42	1.129	178.9
2/20/99	22:30:00	48.94	148.1	11.48	7.4	1.177	191.6
2/20/99	22:45:00	48.9	148.2	11.48	7.4	1.218	204
2/20/99	23:00:00	48.88	148.2	11.49	7.39	1.247	206.4
2/20/99	23:15:00	48.85	148.3	11.49	7.41	1.24	204.1
2/20/99	23:30:00	48.81	148.4	11.5	7.4	1.233	208.1
2/20/99	23:45:00	48.76	149.9	11.49	7.42	1.239	204.2
2/21/99	0:00:00	48.72	150	11.51	7.43	1.227	199.2
2/21/99	0:15:00	48.67	150.1	11.52	7.42	1.227	203.2
2/21/99	0:30:00	48.65	151.6	11.53	7.44	1.228	199.6
2/21/99	0:45:00	48.61	151.7	11.54	7.43	1.217	204.3

2/21/99	1:00:00	48.6	151.7	11.55	7.43	1.234	203.3
2/21/99	1:15:00	48.54	151.9	11.56	7.46	1.231	203.9
2/21/99	1:30:00	48.49	153.4	11.57	7.46	1.253	201
2/21/99	1:45:00	48.45	153.5	11.57	7.46	1.276	201
2/21/99	2:00:00	48.43	155	11.59	7.48	1.27	212.8
2/21/99	2:15:00	48.4	155.1	11.58	7.47	1.251	216.3
2/21/99	2:30:00	48.36	155.1	11.58	7.47	1.229	221.6
2/21/99	2:45:00	48.31	155.3	11.6	7.48	1.216	246.5
2/21/99	3:00:00	48.27	155.4	11.61	7.5	1.215	245.1
2/21/99	3:15:00	48.24	156.9	11.62	7.49	1.189	243
2/21/99	3:30:00	48.22	159.8	11.61	7.47	1.169	226.2
2/21/99	3:45:00	48.2	159.9	11.61	7.5	1.168	211
2/21/99	4:00:00	48.16	161.4	11.63	7.49	1.166	203.1
2/21/99	4:15:00	48.16	164.3	11.63	7.53	1.157	189
2/21/99	4:30:00	48.13	164.4	11.62	7.49	1.169	194
2/21/99	4:45:00	48.11	167.3	11.64	7.52	1.166	186
2/21/99	5:00:00	48.07	167.4	11.63	7.53	1.173	179.2
2/21/99	5:15:00	48.06	168.9	11.65	7.53	1.187	176.3
2/21/99	5:30:00	47.98	169	11.63	7.5	1.194	180.1
2/21/99	5:45:00	47.97	170.5	11.65	7.51	1.186	174.4
2/21/99	6:00:00	47.97	173.4	11.65	7.51	1.194	171.5
2/21/99	6:15:00	47.91	173.6	11.66	7.5	1.197	169.2
2/21/99	6:30:00	47.89	175.1	11.65	7.52	1.201	163.4
2/21/99	6:45:00	47.86	176.6	11.67	7.54	1.213	158.3
2/21/99	7:00:00	47.84	178.1	11.67	7.55	1.22	144.8
2/21/99	7:15:00	47.8	179.7	11.67	7.55	1.231	149
2/21/99	7:30:00	47.77	179.8	11.68	7.53	1.25	151.4
2/21/99	7:45:00	47.77	182.7	11.69	7.54	1.253	150.4
2/21/99	8:00:00	47.77	184.1	11.69	7.53	1.274	145.6
2/21/99	8:15:00	47.79	184.1	11.7	7.56	1.285	145.3
2/21/99	8:30:00	47.77	185.6	11.71	7.53	1.297	141.8
2/21/99	8:45:00	47.84	188.2	11.71	7.54	1.302	133.4
2/21/99	9:00:00	47.88	189.6	11.72	7.53	1.313	139.1
2/21/99	9:15:00	47.95	190.8	11.72	7.54	1.314	136.2
2/21/99	9:30:00	48.04	192	11.73	7.56	1.32	131.4
2/21/99	9:45:00	48.16	193.1	11.73	7.56	1.331	128.4
2/21/99	10:00:00	48.29	194.1	11.75	7.57	1.343	127.4
2/21/99	10:15:00	48.34	194	11.75	7.57	1.349	117.9
2/21/99	10:30:00	48.49	193.6	11.74	7.57	1.354	122.4
2/21/99	10:45:00	48.7	195.8	11.74	7.56	1.349	126
2/21/99	11:00:00	48.92	198	11.73	7.58	1.353	125.4
2/21/99	11:15:00	49.14	198.8	11.73	7.59	1.353	125.4
2/21/99	11:30:00	49.33	199.6	11.73	7.58	1.353	113.3
2/21/99	11:45:00	49.6	200.2	11.74	7.6	1.349	111.7
2/21/99	12:00:00	49.66	201.4	11.73	7.58	1.343	117.2
2/21/99	12:15:00	49.82	202.4	11.73	7.58	1.345	109.8
2/21/99	12:30:00	49.95	203.4	11.71	7.6	1.338	109.1
2/21/99	12:45:00	50.05	205.9	11.71	7.62	1.326	103.4
2/21/99	13:00:00	50.18	205.5	11.71	7.61	1.325	113.9

2/21/99	13:15:00	50.22	206.8	11.69	7.61	1.315	109.3
2/21/99	13:30:00	50.29	207.9	11.67	7.63	1.308	103.4
2/21/99	13:45:00	50.36	209.1	11.66	7.63	1.308	103.3
2/21/99	14:00:00	50.31	210.7	11.63	7.65	1.302	96.6
2/21/99	14:15:00	50.32	212	11.63	7.62	1.3	100.3
2/21/99	14:30:00	50.29	212.1	11.61	7.61	1.292	98.5
2/21/99	14:45:00	50.25	213.6	11.6	7.62	1.291	106.6
2/21/99	15:00:00	50.25	213.6	11.58	7.63	1.275	97.4
2/21/99	15:15:00	50.31	216.3	11.57	7.63	1.27	97.1
2/21/99	15:30:00	50.32	216.2	11.56	7.62	1.254	98.1
2/21/99	15:45:00	50.36	217.5	11.54	7.62	1.247	104
2/21/99	16:00:00	50.43	218.6	11.52	7.64	1.238	84.7
2/21/99	16:15:00	50.49	219.9	11.5	7.63	1.231	97.6
2/21/99	16:30:00	50.54	219.7	11.48	7.64	1.225	87.2
2/21/99	16:45:00	50.59	222.3	11.47	7.65	1.219	90.8
2/21/99	17:00:00	50.61	222.2	11.59	7.66	1.214	99.3
2/21/99	17:15:00	50.61	223.6	11.67	7.68	1.203	86.6
2/21/99	17:30:00	50.59	223.7	11.66	7.63	1.197	90
2/21/99	17:45:00	50.41	225.7	11.67	7.65	1.184	78.6
2/21/99	18:00:00	50.34	227.3	11.66	7.64	1.178	79.4
2/21/99	18:15:00	49.6	217.1	11.78	7.65	1.171	77.7
2/21/99	18:30:00	48.65	115.9	11.99	7.69	1.162	76.3
2/21/99	18:45:00	48.24	116.6	12.08	7.65	1.158	100.3
2/21/99	19:00:00	47.77	11.6	12.17	7.66	1.139	112.6
2/21/99	19:15:00	47.35	7.3	12.27	7.68	1.135	1105.8
2/21/99	19:30:00	46.99	5.9	12.35	7.7	1.121	0
2/21/99	19:45:00	46.71	5.9	12.4	7.84	1.108	0
2/21/99	20:00:00	46.45	5.9	12.45	7.93	1.1	0.1
2/21/99	20:15:00	46.42	5.9	12.46	8.07	1.088	0.1
2/21/99	20:30:00	46.29	5.9	12.48	8.2	1.076	0.1
2/21/99	20:45:00	46.2	5.9	12.49	8.26	1.074	0.1
2/21/99	21:00:00	46.33	5.9	12.47	8.3	1.072	0.1
2/21/99	21:15:00	46.38	5.9	12.46	8.07	1.069	0.1
2/21/99	21:30:00	46.38	5.9	12.46	8.05	1.061	0.1
2/21/99	21:45:00	46.51	5.9	12.44	8.02	1.051	0.1
2/21/99	22:00:00	46.26	5.9	12.48	7.94	1.044	0.8
2/21/99	22:15:00	46.29	5.9	12.48	8.06	1.04	0
2/21/99	22:30:00	46.4	5.9	12.46	8	1.034	0.1
2/21/99	22:45:00	46.4	5.9	12.46	7.92	1.029	0.1
2/21/99	23:00:00	46.38	5.9	12.46	7.88	1.02	0.1
2/21/99	23:15:00	46.58	5.9	12.42	7.86	1.015	0.1
2/21/99	23:30:00	46.54	5.9	12.42	7.85	1.017	0.2
2/21/99	23:45:00	46.63	5.9	12.41	7.82	1.021	0.1
2/22/99	0:00:00	46.58	5.9	12.42	7.8	1.024	0.1
2/22/99	0:15:00	46.62	5.9	12.41	7.78	1.022	0.1
2/22/99	0:30:00	46.54	5.9	12.42	7.74	1.019	0.1
2/22/99	0:45:00	46.53	5.9	12.43	7.74	1.021	0.1
2/22/99	1:00:00	46.65	5.9	12.41	7.8	1.023	0.1
2/22/99	1:15:00	46.74	5.9	12.39	7.8	1.027	0.1

2/22/99	1:30:00	46.67	5.9	12.4	7.77	1.03	1.1
2/22/99	1:45:00	46.72	5.9	12.39	7.82	1.05	0.1
2/22/99	2:00:00	46.44	5.9	12.45	7.79	1.039	0.1
2/22/99	2:15:00	46.4	5.9	12.46	7.8	1.041	0.1
2/22/99	2:30:00	46.36	5.9	12.47	7.78	1.039	0.1
2/22/99	2:45:00	46.08	6	12.52	7.75	1.038	0.2
2/22/99	3:00:00	45.45	6	12.62	7.73	1.03	0.1
2/22/99	3:15:00	44.46	6.1	12.85	7.7	1.034	0.2
2/22/99	3:30:00	44.98	6.1	12.74	7.71	1.031	0.2
2/22/99	3:45:00	45.43	6	12.64	7.7	1.028	0.1
2/22/99	4:00:00	45.23	6	12.7	7.69	1.029	0.1
2/22/99	4:15:00	44.87	6.1	12.74	7.68	1.037	0.1
2/22/99	4:30:00	43.09	6.2	13.13	7.66	1.041	0.1
2/22/99	4:45:00	43.23	6.2	13.13	7.67	1.044	0.1
2/22/99	5:00:00	43.54	6.2	13	7.66	1.04	0.3
2/22/99	5:15:00	41.52	6.4	13.45	7.66	1.04	0.3
2/22/99	5:30:00	42.39	6.3	13.29	7.66	1.047	0.3
2/22/99	5:45:00	43.39	6.2	13.06	7.65	1.052	0.4
2/22/99	6:00:00	43.92	6.2	12.95	7.66	1.052	0.3
2/22/99	6:15:00	44.33	6.1	12.88	7.66	1.056	0.2
2/22/99	6:30:00	44.58	6.1	12.82	7.65	1.063	0.3
2/22/99	6:45:00	44.69	6.1	12.8	7.65	1.067	0.2
2/22/99	7:00:00	45.03	6.1	12.73	7.64	1.078	1.1
2/22/99	7:15:00	45.14	6	12.71	7.63	1.088	0.2
2/22/99	7:30:00	45.14	6	12.74	7.62	1.094	0.3
2/22/99	7:45:00	45.32	6	12.71	7.62	1.099	0.3
2/22/99	8:00:00	45.37	6	12.71	7.62	1.102	0.3
2/22/99	8:15:00	45.5	6	12.7	7.62	1.108	0.3
2/22/99	8:30:00	45.7	6	12.68	7.62	1.118	0.2
2/22/99	8:45:00	45.88	6	12.67	7.61	1.123	0.1
2/22/99	9:00:00	46.29	5.9	12.61	7.59	1.123	3.9
2/22/99	9:15:00	46.58	5.9	12.61	7.59	1.129	0.1
2/22/99	9:30:00	47.03	5.9	12.54	7.53	1.133	0.1
2/22/99	9:45:00	47.88	5.8	12.42	7.36	1.131	0.3
2/22/99	10:00:00	48.7	7.1	12.34	7.04	1.135	192.3
2/22/99	10:15:00	50.02	7	12.14	6.87	1.137	0.7
2/22/99	10:30:00	51.28	6.9	11.96	6.81	1.147	0.3
2/22/99	10:45:00	52.14	6.8	11.9	6.69	1.187	0.4
2/22/99	11:00:00	52.16	6.8	11.93	6.65	1.228	0.5
2/22/99	11:15:00	52.34	6.8	11.9	6.65	1.226	2.8
2/22/99	11:30:00	54	6.6	11.66	6.73	1.13	0.5
2/22/99	11:45:00	53.19	5.4	11.95	6.61	1.124	646.2
2/22/99	12:00:00	53.29	5.3	11.9	6.71	1.123	0.8
2/22/99	12:15:00	53.13	5.4	11.95	6.68	1.115	0.8
2/22/99	12:30:00	53.28	4	11.88	6.68	1.106	0.8
2/22/99	12:45:00	54	4	11.78	6.66	1.098	0.9
2/22/99	13:00:00	59.79	3.7	11.01	6.39	1.089	1
2/22/99	13:15:00	57.06	3.8	11.52	6.41	1.08	0.9
2/22/99	13:30:00	60.19	2.4	10.88	6.45	1.076	0.9

2/22/99	13:45:00	62.51	2.4	10.52	6.43	1.07	1.1
2/22/99	14:00:00	62.28	2.4	10.59	6.47	1.067	0.9
2/22/99	14:15:00	60.64	2.4	10.77	6.45	1.066	0.9
2/22/99	14:30:00	59.7	2.4	10.77	6.5	1.067	0.9
2/22/99	14:45:00	58.05	2.5	10.91	6.55	1.062	0.9
2/22/99	15:00:00	57.43	2.5	10.94	6.53	1.061	0.9
2/22/99	15:15:00	57.56	1.3	10.92	6.52	1.055	0.9
2/22/99	15:30:00	57.38	1.3	10.94	6.52	1.054	0.8
2/22/99	15:45:00	57.49	1.3	10.91	6.55	1.055	0.9
2/22/99	16:00:00	58.39	0	10.78	6.53	1.053	0.9
2/22/99	16:15:00	56.53	0	11.03	6.57	1.058	0.8
2/22/99	16:30:00	55.78	0	11.08	6.59	1.06	0.8
2/22/99	16:45:00	54.93	0	11.16	6.58	1.058	0.8
2/22/99	17:00:00	54	0	11.27	6.58	1.058	0.8
2/22/99	17:15:00	53.58	0	11.3	6.62	1.057	0.8
2/22/99	17:30:00	53.2	0	11.32	6.62	1.057	0.8
2/22/99	17:45:00	52.79	0	11.37	6.63	1.061	0.8
2/22/99	18:00:00	52.38	0	11.42	6.63	1.059	0.8
2/22/99	18:15:00	52.02	0	11.46	6.65	1.061	0.8
2/22/99	18:30:00	51.69	0	11.5	6.65	1.06	0.8
2/22/99	18:45:00	51.49	0	11.51	6.67	1.061	0.8
2/22/99	19:00:00	51.3	0	11.53	6.71	1.061	0.8
2/22/99	19:15:00	51.12	0	11.56	6.72	1.067	0.8
2/22/99	19:30:00	50.77	0	11.6	6.78	1.068	0.8
2/22/99	19:45:00	50.27	0	11.68	6.8	1.072	0.8
2/22/99	20:00:00	49.69	0	11.78	6.78	1.075	0.8
2/22/99	20:15:00	49.75	0	11.78	6.72	1.074	0.8
2/22/99	20:30:00	49.6	0	11.8	6.73	1.08	0.8
2/22/99	20:45:00	49.59	0	11.78	6.78	1.085	0.8
2/22/99	21:00:00	49.77	0	11.74	6.82	1.082	0.8
2/22/99	21:15:00	49.64	0	11.76	6.81	1.084	0.8
2/22/99	21:30:00	49.95	0	11.69	6.85	1.075	0.8
2/22/99	21:45:00	49.82	0	11.71	6.84	1.073	0.8
2/22/99	22:00:00	49.8	0	11.7	6.89	1.074	0.8
2/22/99	22:15:00	49.6	0	11.71	6.9	1.077	0.8
2/22/99	22:30:00	49.33	0	11.74	6.92	1.08	0.8
2/22/99	22:45:00	49.37	0	11.7	6.95	1.078	0.8
2/22/99	23:00:00	49.44	0	11.65	6.98	1.073	0.7
2/22/99	23:15:00	48.74	0	11.73	6.95	1.073	0.8
2/22/99	23:30:00	47.91	0	11.86	6.99	1.073	0.8
2/22/99	23:45:00	47.37	0	11.97	7.03	1.071	2.4
2/23/99	0:00:00	47.14	0	12.01	7.09	1.067	0.7
2/23/99	0:15:00	47.59	0	11.89	7.15	1.065	0.7
2/23/99	0:30:00	47.1	0	12	7.12	1.065	0.7
2/23/99	0:45:00	47.5	0	11.93	7.18	1.056	0.7
2/23/99	1:00:00	47.26	0	12	7.13	1.049	0.7
2/23/99	1:15:00	47.03	0	12.06	7.16	1.039	0.7
2/23/99	1:30:00	46.54	0	12.15	7.14	1.035	0.7
2/23/99	1:45:00	46.69	0	12.14	7.18	1.038	0.7

2/23/99	2:00:00	47.48	0	12.01	7.15	1.036	0.7
2/23/99	2:15:00	47.7	0	12	7.16	1.033	0.6
2/23/99	2:30:00	47.88	0	11.99	7.15	1.025	0.7
2/23/99	2:45:00	47.86	0	12	7.11	1.017	0.7
2/23/99	3:00:00	48.15	0	11.95	7.09	1.013	0.7
2/23/99	3:15:00	48.13	0	11.95	7.06	1.005	0.7
2/23/99	3:30:00	48.33	0	11.91	7.08	0.996	0.7
2/23/99	3:45:00	48.22	0	11.94	7.07	0.988	0.7
2/23/99	4:00:00	48.18	0	11.93	7.08	0.982	0.7
2/23/99	4:15:00	48.27	0	11.92	7.09	0.981	0.7
2/23/99	4:30:00	48.34	0	11.91	7.15	0.977	0.7
2/23/99	4:45:00	48.27	0	11.94	7.19	0.981	0.7
2/23/99	5:00:00	48.27	0	11.94	7.19	0.973	0.7
2/23/99	5:15:00	48.18	0	11.96	7.18	0.969	0.7
2/23/99	5:30:00	48.25	0	11.95	7.17	0.97	0.7
2/23/99	5:45:00	48.25	0	11.95	7.16	0.967	0.7
2/23/99	6:00:00	48.45	0	11.91	7.14	0.971	0.7
2/23/99	6:15:00	48.42	0	11.92	7.13	0.97	0.7
2/23/99	6:30:00	48.6	0	11.89	7.13	0.978	0.6
2/23/99	6:45:00	48.76	0	11.87	7.12	0.985	0.6
2/23/99	7:00:00	48.56	0	11.9	7.09	0.985	0.7
2/23/99	7:15:00	48.63	0	11.9	7.11	0.985	0.7
2/23/99	7:30:00	48.87	0	11.86	7.11	0.985	0.7
2/23/99	7:45:00	49.21	0	11.82	7.09	0.985	0.7
2/23/99	8:00:00	49.5	0	11.81	7.05	0.987	0.7
2/23/99	8:15:00	50.58	0	11.66	6.9	0.987	0.7
2/23/99	8:30:00	51.06	0	11.61	6.84	0.983	0.8
2/23/99	8:45:00	50.72	0	11.69	6.77	0.994	0.7
2/23/99	9:00:00	51.28	0	11.58	6.76	0.989	0.8
2/23/99	9:15:00	52.61	0	11.41	6.62	0.999	0.8
2/23/99	9:30:00	53.11	0	11.37	6.54	0.977	0.8
2/23/99	9:45:00	54.39	0	11.25	6.48	0.977	0.8
2/23/99	10:00:00	54.73	0	11.21	6.49	0.976	0.8
2/23/99	10:15:00	57.2	0	10.88	6.34	0.971	0.8
2/23/99	10:30:00	58.21	0	10.84	6.26	0.957	0.9
2/23/99	10:45:00	57.6	0	10.89	6.31	0.954	0.9
2/23/99	11:00:00	58.62	0	10.75	6.23	0.943	2
2/23/99	11:15:00	62.53	0	10.38	5.97	0.928	1
2/23/99	11:30:00	62.53	0	10.49	6.02	0.921	0.8
2/23/99	11:45:00	61.02	0	10.71	6.05	0.917	0.9
2/23/99	12:00:00	60.57	0	10.63	6.08	0.923	0.9
2/23/99	12:15:00	60.13	0	10.62	6.15	0.921	0.9
2/23/99	12:30:00	60.13	0	10.56	6.14	0.911	2.6
2/23/99	12:45:00	60.75	0	10.45	6.15	0.908	0.9
2/23/99	13:00:00	60.31	0	10.49	6.17	0.899	1
2/23/99	13:15:00	61.41	0	10.35	6.11	0.891	0.9
2/23/99	13:30:00	61.41	0	10.33	6.05	0.888	0.9
2/23/99	13:45:00	58.62	0	10.68	6.12	0.884	0.8
2/23/99	14:00:00	59.99	0	10.47	6.11	0.878	1.3

2/23/99	14:15:00	59.85	0	10.5	6.08	0.874	0.9
2/23/99	14:30:00	60.13	0	10.45	6.14	0.867	0.9
2/23/99	14:45:00	58.98	0	10.57	6.15	0.868	0.8
2/23/99	15:00:00	58.24	0	10.64	6.17	0.868	0.8
2/23/99	15:15:00	58.37	0	10.58	6.2	0.862	0.8
2/23/99	15:30:00	58.1	0	10.6	6.26	0.857	0.8
2/23/99	15:45:00	58.42	0	10.56	6.2	0.848	0.8
2/23/99	16:00:00	58.51	0	10.56	6.2	0.847	0.9
2/23/99	16:15:00	58.66	0	10.55	6.21	0.844	0.9
2/23/99	16:30:00	58.44	0	10.57	6.23	0.847	0.9
2/23/99	16:45:00	57.67	0	10.65	6.24	0.851	0.9
2/23/99	17:00:00	56.77	0	10.73	6.24	0.849	1
2/23/99	17:15:00	56.03	0	10.8	6.29	0.845	0.8
2/23/99	17:30:00	55.08	0	10.91	6.33	0.843	0.8
2/23/99	17:45:00	54.3	0	11	6.39	0.841	0.8
2/23/99	18:00:00	53.6	0	11.08	6.46	0.841	0.8
2/23/99	18:15:00	52.5	0	11.22	6.52	0.837	0.8
2/23/99	18:30:00	51.53	0	11.35	6.59	0.837	0.8
2/23/99	18:45:00	50.77	0	11.44	6.69	0.834	0.8
2/23/99	19:00:00	50.77	0	11.41	6.73	0.836	0.8
2/23/99	19:15:00	49.82	0	11.51	6.73	0.837	30.1
2/23/99	19:30:00	49.6	0	11.48	6.88	0.84	0.8
2/23/99	19:45:00	49.51	0	11.49	6.9	0.843	0.8
2/23/99	20:00:00	48.61	0	11.62	6.94	0.843	0.8
2/23/99	20:15:00	49.08	0	11.49	6.94	0.841	0.7
2/23/99	20:30:00	48.92	0	11.52	6.9	0.834	0.8
2/23/99	20:45:00	48.79	0	11.54	6.88	0.831	0.7
2/23/99	21:00:00	48.65	0	11.57	6.93	0.833	0.9
2/23/99	21:15:00	48.56	0	11.59	6.97	0.833	0.8
2/23/99	21:30:00	48.45	0	11.6	6.98	0.825	0.8
2/23/99	21:45:00	48.38	0	11.61	6.99	0.824	0.8
2/23/99	22:00:00	47.77	0	11.73	6.91	0.819	0.8
2/23/99	22:15:00	47.05	0	11.87	7.01	0.819	0.7
2/23/99	22:30:00	46.33	0	12.01	7.02	0.815	0.7
2/23/99	22:45:00	46.62	0	11.95	7.16	0.811	0.7
2/23/99	23:00:00	46.78	0	11.96	7.2	0.81	0.7
2/23/99	23:15:00	47.19	0	11.94	7.25	0.817	0.6
2/23/99	23:30:00	47.08	0	11.99	7.24	0.818	0.7
2/23/99	23:45:00	47.25	0	11.98	7.27	0.812	0.6
2/24/99	0:00:00	47.17	0	12.01	7.29	0.808	0.6
2/24/99	0:15:00	47.05	0	12.05	7.31	0.806	0.5
2/24/99	0:30:00	46.87	0	12.09	7.33	0.806	0.6
2/24/99	0:45:00	46.78	0	12.11	7.36	0.8	0.5
2/24/99	1:00:00	46.9	0	12.09	7.38	0.799	0.8
2/24/99	1:15:00	46.96	0	12.07	7.4	0.79	0.7
2/24/99	1:30:00	46.9	0	12.08	7.4	0.788	0.6
2/24/99	1:45:00	46.67	0	12.13	7.4	0.791	0.9
2/24/99	2:00:00	46.44	0	12.17	7.39	0.785	0.5
2/24/99	2:15:00	46.27	0	12.21	7.39	0.777	0.4

2/24/99	2:30:00	46.4	0	12.18	7.39	0.776	0.4
2/24/99	2:45:00	46.47	0	12.16	7.39	0.773	0.5
2/24/99	3:00:00	46.6	0	12.14	7.4	0.768	0.6
2/24/99	3:15:00	46.81	0	12.1	7.42	0.764	0.3
2/24/99	3:30:00	46.67	0	12.12	7.41	0.762	0.4
2/24/99	3:45:00	46.65	0	12.12	7.42	0.758	0.3
2/24/99	4:00:00	46.76	0	12.11	7.42	0.755	0.4
2/24/99	4:15:00	46.83	0	12.09	7.43	0.754	0.4
2/24/99	4:30:00	46.9	0	12.08	7.45	0.748	0.3
2/24/99	4:45:00	46.89	0	12.08	7.47	0.75	0.3
2/24/99	5:00:00	46.99	0	12.07	7.46	0.748	0.2
2/24/99	5:15:00	47.1	0	12.05	7.45	0.742	0.3
2/24/99	5:30:00	46.99	0	12.07	7.44	0.74	0.2
2/24/99	5:45:00	47.07	0	12.06	7.43	0.736	0.2
2/24/99	6:00:00	47.1	0	12.06	7.43	0.728	0.3
2/24/99	6:15:00	47.23	0	12.04	7.43	0.727	0.2
2/24/99	6:30:00	47.39	0	12	7.42	0.721	0.3
2/24/99	6:45:00	47.19	0	12.05	7.41	0.718	0.2
2/24/99	7:00:00	47.16	0	12.05	7.4	0.712	0.2
2/24/99	7:15:00	47.35	0	12.02	7.4	0.711	0.3
2/24/99	7:30:00	47.71	0	11.97	7.39	0.712	0.3
2/24/99	7:45:00	48.25	0	11.89	7.38	0.712	0.3
2/24/99	8:00:00	48.87	0	11.81	7.37	0.716	0.3
2/24/99	8:15:00	49.3	0	11.77	7.34	0.715	0.3
2/24/99	8:30:00	49.71	0	11.73	7.32	0.715	0.4
2/24/99	8:45:00	49.93	0	11.7	7.23	0.716	0.3
2/24/99	9:00:00	49.98	0	11.69	7.05	0.715	0.3
2/24/99	9:15:00	50.52	0	11.57	6.88	0.708	0.5
2/24/99	9:30:00	50.14	0	11.64	6.81	0.713	0.6
2/24/99	9:45:00	51.04	0	11.5	6.72	0.714	0.6
2/24/99	10:00:00	51.42	0	11.49	6.68	0.709	0.6
2/24/99	10:15:00	51.84	0	11.48	6.5	0.702	0.7
2/24/99	10:30:00	52.34	0	11.4	6.5	0.698	0.8
2/24/99	10:45:00	52.09	0	11.44	6.54	0.702	0.8
2/24/99	11:00:00	53.22	0	11.31	6.43	0.649	0.8
2/24/99	11:15:00	51.6	19.2	11.54	8.33	0.629	1.5
2/24/99	11:30:00	52.03	5.4	11.46	8.21	0.599	2.1



Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
2/26/99	0:00:00	51.55	209.6	10.97	7.7	4.428	73
2/26/99	0:15:00	51.46	209.9	10.83	7.7	4.418	69.1
2/26/99	0:30:00	51.35	210.2	10.79	7.7	4.414	71.1
2/26/99	0:45:00	51.28	211.8	10.76	7.7	4.4	69.4
2/26/99	1:00:00	51.13	210.9	10.77	7.7	4.391	67.1
2/26/99	1:15:00	51.06	212.5	10.76	7.7	4.369	67.5
2/26/99	1:30:00	50.99	212.7	10.75	7.7	4.355	66.3
2/26/99	1:45:00	50.88	213	10.76	7.7	4.337	65.6
2/26/99	2:00:00	50.81	214.7	10.76	7.7	4.32	63.7
2/26/99	2:15:00	50.72	214.9	10.76	7.71	4.312	64.6
2/26/99	2:30:00	50.61	216.7	10.77	7.7	4.294	62.2
2/26/99	2:45:00	50.52	215.6	10.77	7.71	4.28	61
2/26/99	3:00:00	50.43	217.2	10.77	7.69	4.27	62.5
2/26/99	3:15:00	50.32	217.6	10.77	7.71	4.251	60.8
2/26/99	3:30:00	50.23	217.9	10.79	7.71	4.238	62.5
2/26/99	3:45:00	50.14	218.2	10.79	7.7	4.239	56.7
2/26/99	4:00:00	50.07	219.8	10.8	7.7	4.231	55.9
2/26/99	4:15:00	49.98	220.1	10.81	7.7	4.227	56.4
2/26/99	4:30:00	49.86	219.1	10.84	7.7	4.201	55.3
2/26/99	4:45:00	49.8	220.7	10.82	7.7	4.196	55.5
2/26/99	5:00:00	49.71	221	10.85	7.7	4.19	53.7
2/26/99	5:15:00	49.62	221.3	10.85	7.71	4.173	53
2/26/99	5:30:00	49.57	221.5	10.85	7.71	4.164	53.3
2/26/99	5:45:00	49.53	223	10.85	7.71	4.146	52.7
2/26/99	6:00:00	49.44	223.3	10.86	7.71	4.139	52.5
2/26/99	6:15:00	49.39	223.5	10.88	7.71	4.138	52.5
2/26/99	6:30:00	49.32	223.7	10.88	7.71	4.125	51.4
2/26/99	6:45:00	49.26	223.9	10.89	7.7	4.118	50.7
2/26/99	7:00:00	49.21	224.1	10.9	7.71	4.1	52
2/26/99	7:15:00	49.15	225.7	10.91	7.71	4.092	49.9
2/26/99	7:30:00	49.08	225.9	10.93	7.71	4.081	49.1
2/26/99	7:45:00	49.05	226.1	10.91	7.71	4.072	49.1
2/26/99	8:00:00	48.97	226.3	10.93	7.72	4.057	48.5
2/26/99	8:15:00	48.94	226.4	10.93	7.71	4.039	48.5
2/26/99	8:30:00	48.92	227.9	10.95	7.72	4.019	49.1
2/26/99	8:45:00	48.9	228	10.95	7.72	4.002	48.4
2/26/99	9:00:00	48.9	228	10.95	7.72	3.99	47.1
2/26/99	9:15:00	48.9	228	10.99	7.72	3.972	46.9
2/26/99	9:30:00	48.94	227.8	10.99	7.73	3.964	47.6
2/26/99	9:45:00	48.99	229.1	11.02	7.73	3.953	48.6
2/26/99	10:00:00	49.1	228.7	11.02	7.73	3.938	46
2/26/99	10:15:00	49.23	229.7	11.03	7.72	3.924	47.4
2/26/99	10:30:00	49.37	230.6	11.05	7.73	3.914	47.4
2/26/99	10:45:00	49.57	229.9	11.06	7.74	3.903	48.6
2/26/99	11:00:00	49.78	229.2	11.08	7.74	3.89	46.3
2/26/99	11:15:00	50.02	229.8	11.08	7.74	3.872	45.7
2/26/99	11:30:00	50.23	230.5	11.09	7.74	3.858	47.1

2/26/99	11:45:00	50.45	232.5	11.09	7.74	3.841	45.3
2/26/99	12:00:00	50.7	231.6	11.1	7.74	3.821	45
2/26/99	12:15:00	50.85	231.1	11.11	7.75	3.804	45.4
2/26/99	12:30:00	51.01	232	11.12	7.76	3.786	45.6
2/26/99	12:45:00	51.19	232.7	11.1	7.76	3.768	44.6
2/26/99	13:00:00	51.33	233.6	11.12	7.76	3.749	42.8
2/26/99	13:15:00	51.51	234.4	11.12	7.77	3.727	44.1
2/26/99	13:30:00	51.69	235.1	11.1	7.76	3.707	42.6
2/26/99	13:45:00	51.89	234.5	11.11	7.78	3.692	41
2/26/99	14:00:00	52	232.7	11.15	7.79	3.676	40.7
2/26/99	14:15:00	52.05	228.5	11.23	7.81	3.666	38.4
2/26/99	14:30:00	52.14	226.8	11.25	7.82	3.652	38.2
2/26/99	14:45:00	52.23	227.9	11.24	7.82	3.643	40.6
2/26/99	15:00:00	52.29	227.7	11.23	7.83	3.636	43.3
2/26/99	15:15:00	52.36	228.8	11.22	7.83	3.627	42.1
2/26/99	15:30:00	52.41	228.7	11.21	7.83	3.622	40.9
2/26/99	15:45:00	52.43	230	11.19	7.83	3.613	39.3
2/26/99	16:00:00	52.45	228.5	11.17	7.85	3.603	38
2/26/99	16:15:00	52.43	228.6	11.15	7.84	3.588	36.5
2/26/99	16:30:00	52.41	228.7	11.13	7.84	3.579	34.2
2/26/99	16:45:00	52.38	228.8	11.1	7.85	3.568	35
2/26/99	17:00:00	52.34	228.9	11.08	7.85	3.561	35
2/26/99	17:15:00	52.29	229.1	11.05	7.84	3.551	35.6
2/26/99	17:30:00	52.32	231.7	10.97	7.83	3.541	35.3
2/26/99	17:45:00	52.45	239.4	10.78	7.77	3.532	35.7
2/26/99	18:00:00	52.45	242.1	10.74	7.78	3.513	38.2
2/26/99	18:15:00	52.41	242.2	10.73	7.78	3.503	39.9
2/26/99	18:30:00	52.38	243.7	10.7	7.77	3.491	39
2/26/99	18:45:00	52.34	243.8	10.66	7.77	3.484	39.6
2/26/99	19:00:00	52.27	244	10.65	7.78	3.473	36.3
2/26/99	19:15:00	52.25	244.1	10.61	7.77	3.461	38
2/26/99	19:30:00	52.21	244.2	10.58	7.77	3.458	38.6
2/26/99	19:45:00	52.21	245.6	10.56	7.76	3.447	39.1
2/26/99	20:00:00	52.21	245.6	10.51	7.76	3.435	39.7
2/26/99	20:15:00	52.2	245.7	10.5	7.75	3.432	38.3
2/26/99	20:30:00	52.2	245.7	10.48	7.75	3.418	39.2
2/26/99	20:45:00	52.2	245.7	10.45	7.75	3.41	39.6
2/26/99	21:00:00	52.21	246.9	10.45	7.75	3.401	39.2
2/26/99	21:15:00	52.21	245.6	10.42	7.74	3.396	38.7
2/26/99	21:30:00	52.21	246.9	10.4	7.74	3.377	38.3
2/26/99	21:45:00	52.21	246.9	10.4	7.73	3.366	37.7
2/26/99	22:00:00	52.21	248.3	10.38	7.73	3.351	38.6
2/26/99	22:15:00	52.2	247	10.37	7.73	3.339	37.3
2/26/99	22:30:00	52.18	247.1	10.37	7.73	3.326	37.7
2/26/99	22:45:00	52.2	249.7	10.34	7.73	3.318	40.3
2/26/99	23:00:00	52.16	248.5	10.36	7.72	3.311	37.5
2/26/99	23:15:00	52.16	249.9	10.34	7.72	3.3	38.1
2/26/99	23:30:00	52.16	249.9	10.34	7.72	3.288	38.3
2/26/99	23:45:00	52.14	249.9	10.35	7.74	3.279	37.7

2/27/99	0:00:00	52.12	250	10.34	7.72	3.267	40.6
2/27/99	0:15:00	52.14	249.9	10.35	7.73	3.26	38.1
2/27/99	0:30:00	52.12	250	10.34	7.72	3.265	38.1
2/27/99	0:45:00	52.12	250	10.34	7.74	3.245	38.6
2/27/99	1:00:00	52.11	251.4	10.34	7.73	3.241	38.4
2/27/99	1:15:00	52.11	251.4	10.34	7.73	3.225	37.7
2/27/99	1:30:00	52.09	251.5	10.32	7.73	3.215	38.5
2/27/99	1:45:00	52.07	251.5	10.33	7.73	3.199	38.9
2/27/99	2:00:00	52.05	251.6	10.33	7.73	3.196	39.6
2/27/99	2:15:00	52.03	251.7	10.33	7.73	3.19	39.4
2/27/99	2:30:00	52	253.2	10.34	7.73	3.177	38.2
2/27/99	2:45:00	51.98	253.2	10.33	7.73	3.164	37.5
2/27/99	3:00:00	51.96	253.3	10.34	7.73	3.159	37.2
2/27/99	3:15:00	51.94	253.4	10.34	7.73	3.151	36.2
2/27/99	3:30:00	51.93	253.4	10.36	7.73	3.138	36.4
2/27/99	3:45:00	51.91	253.5	10.37	7.74	3.133	36.7
2/27/99	4:00:00	51.89	253.6	10.37	7.74	3.124	35.8
2/27/99	4:15:00	51.87	255	10.37	7.74	3.104	37.9
2/27/99	4:30:00	51.85	255.1	10.37	7.74	3.1	36.7
2/27/99	4:45:00	51.84	255.1	10.39	7.74	3.088	34.9
2/27/99	5:00:00	51.8	253.9	10.4	7.74	3.091	36.2
2/27/99	5:15:00	51.8	255.3	10.39	7.73	3.089	35.8
2/27/99	5:30:00	51.78	256.7	10.39	7.73	3.077	34.4
2/27/99	5:45:00	51.76	256.8	10.4	7.74	3.073	34.8
2/27/99	6:00:00	51.75	256.8	10.41	7.74	3.059	35.5
2/27/99	6:15:00	51.73	256.9	10.41	7.73	3.053	35.4
2/27/99	6:30:00	51.71	257	10.43	7.74	3.051	33.9
2/27/99	6:45:00	51.71	258.3	10.43	7.74	3.044	32.7
2/27/99	7:00:00	51.67	257.1	10.43	7.74	3.036	35.8
2/27/99	7:15:00	51.66	258.5	10.43	7.74	3.032	32.9
2/27/99	7:30:00	51.67	258.5	10.43	7.74	3.031	34.4
2/27/99	7:45:00	51.67	258.5	10.44	7.74	3.019	34.5
2/27/99	8:00:00	51.67	259.8	10.45	7.73	3.017	33.6
2/27/99	8:15:00	51.69	258.4	10.46	7.74	3.016	33.9
2/27/99	8:30:00	51.71	259.7	10.48	7.74	3.006	33.6
2/27/99	8:45:00	51.76	259.5	10.47	7.74	2.997	35.4
2/27/99	9:00:00	51.82	259.3	10.5	7.75	2.993	32.6
2/27/99	9:15:00	51.89	260.4	10.51	7.75	2.98	33.7
2/27/99	9:30:00	52	260	10.53	7.75	2.974	32.6
2/27/99	9:45:00	52.14	259.4	10.55	7.75	2.973	31.6
2/27/99	10:00:00	52.3	260.2	10.55	7.75	2.969	32.1
2/27/99	10:15:00	52.48	260.9	10.55	7.74	2.958	32.6
2/27/99	10:30:00	52.7	262.8	10.56	7.75	2.945	32.8
2/27/99	10:45:00	52.93	261.9	10.57	7.75	2.94	32.1
2/27/99	11:00:00	53.17	262.3	10.58	7.75	2.93	32.5
2/27/99	11:15:00	53.4	262.8	10.6	7.76	2.913	31.7
2/27/99	11:30:00	53.62	263.3	10.62	7.76	2.9	31
2/27/99	11:45:00	53.82	263.9	10.64	7.76	2.897	30.1
2/27/99	12:00:00	53.96	263.4	10.66	7.77	2.893	29.9

2/27/99	12:15:00	54.14	264.1	10.66	7.78	2.883	29.6
2/27/99	12:30:00	54.28	264.8	10.68	7.78	2.87	30.9
2/27/99	12:45:00	54.43	265.6	10.69	7.79	2.854	30.6
2/27/99	13:00:00	54.61	265	10.72	7.8	2.843	29.3
2/27/99	13:15:00	54.79	265.6	10.72	7.8	2.827	29.6
2/27/99	13:30:00	54.91	265.1	10.72	7.81	2.818	28.7
2/27/99	13:45:00	55.02	266	10.72	7.81	2.804	29.6
2/27/99	14:00:00	55.17	265.5	10.71	7.81	2.792	29.4
2/27/99	14:15:00	55.31	266.3	10.69	7.81	2.789	29.3
2/27/99	14:30:00	55.44	267.1	10.68	7.82	2.782	29
2/27/99	14:45:00	55.51	266.9	10.67	7.82	2.777	28.8
2/27/99	15:00:00	55.53	266.8	10.67	7.82	2.775	28.4
2/27/99	15:15:00	55.54	266.7	10.65	7.83	2.761	30
2/27/99	15:30:00	55.53	268.1	10.65	7.83	2.746	29.1
2/27/99	15:45:00	55.47	268.3	10.63	7.83	2.738	29.5
2/27/99	16:00:00	55.44	268.4	10.62	7.82	2.732	28.6
2/27/99	16:15:00	55.38	268.6	10.59	7.83	2.723	28.8
2/27/99	16:30:00	55.33	268.8	10.58	7.83	2.717	27.9
2/27/99	16:45:00	55.33	270.1	10.55	7.83	2.708	29.4
2/27/99	17:00:00	55.29	270.3	10.53	7.83	2.703	28.8
2/27/99	17:15:00	55.27	270.3	10.49	7.83	2.696	28.7
2/27/99	17:30:00	55.26	270.4	10.45	7.82	2.696	27.8
2/27/99	17:45:00	55.22	270.5	10.43	7.83	2.693	27.7
2/27/99	18:00:00	55.15	270.8	10.4	7.83	2.69	28.5
2/27/99	18:15:00	55.06	271.1	10.37	7.83	2.682	28.5
2/27/99	18:30:00	54.95	271.5	10.33	7.83	2.681	28.2
2/27/99	18:45:00	54.86	271.9	10.3	7.81	2.677	27.7
2/27/99	19:00:00	54.77	270.9	10.27	7.81	2.67	28.6
2/27/99	19:15:00	54.66	271.3	10.24	7.82	2.667	28.2
2/27/99	19:30:00	54.61	271.5	10.2	7.81	2.662	28.3
2/27/99	19:45:00	54.55	271.7	10.18	7.81	2.654	27.9
2/27/99	20:00:00	54.52	271.9	10.13	7.8	2.636	28
2/27/99	20:15:00	54.45	272.1	10.12	7.79	2.64	27.8
2/27/99	20:30:00	54.39	272.3	10.1	7.79	2.637	28.1
2/27/99	20:45:00	54.34	272.5	10.07	7.78	2.634	27.3
2/27/99	21:00:00	54.3	272.7	10.06	7.78	2.642	27.9
2/27/99	21:15:00	54.27	272.8	10.04	7.77	2.632	27
2/27/99	21:30:00	54.23	274.3	10.02	7.77	2.623	27
2/27/99	21:45:00	54.19	273.1	10	7.78	2.616	26.9
2/27/99	22:00:00	54.16	273.2	10.01	7.77	2.608	27.3
2/27/99	22:15:00	54.14	274.6	9.99	7.76	2.608	28.5
2/27/99	22:30:00	54.12	274.7	9.97	7.77	2.611	27.8
2/27/99	22:45:00	54.12	274.7	9.96	7.77	2.602	27.3
2/27/99	23:00:00	54.1	274.8	9.95	7.77	2.591	28.3
2/27/99	23:15:00	54.09	276.1	9.94	7.75	2.585	27.3
2/27/99	23:30:00	54.05	276.3	9.93	7.76	2.579	27.9
2/27/99	23:45:00	54.03	275	9.94	7.76	2.564	28
2/28/99	0:00:00	54	276.5	9.93	7.76	2.552	27.2
2/28/99	0:15:00	53.96	275.3	9.94	7.76	2.558	27.2

2/28/99	0:30:00	53.94	275.4	9.93	7.76	2.56	26.9
2/28/99	0:45:00	53.92	276.8	9.92	7.76	2.548	26.1
2/28/99	1:00:00	53.89	276.9	9.93	7.76	2.532	26.3
2/28/99	1:15:00	53.85	277.1	9.93	7.75	2.518	26.5
2/28/99	1:30:00	53.82	275.9	9.93	7.77	2.515	26.5
2/28/99	1:45:00	53.82	277.2	9.93	7.76	2.505	25.9
2/28/99	2:00:00	53.82	277.2	9.93	7.76	2.5	25.6
2/28/99	2:15:00	53.8	277.3	9.93	7.76	2.498	26.3
2/28/99	2:30:00	53.78	277.3	9.94	7.76	2.477	26.1
2/28/99	2:45:00	53.78	278.7	9.94	7.76	2.461	26.8
2/28/99	3:00:00	53.76	278.7	9.93	7.76	2.454	25.5
2/28/99	3:15:00	53.76	278.7	9.94	7.76	2.452	26.2
2/28/99	3:30:00	53.74	278.8	9.94	7.76	2.437	25.8
2/28/99	3:45:00	53.74	278.8	9.93	7.76	2.433	26.7
2/28/99	4:00:00	53.73	278.9	9.95	7.76	2.431	27.3
2/28/99	4:15:00	53.73	278.9	9.95	7.76	2.42	28.2
2/28/99	4:30:00	53.73	280.2	9.93	7.76	2.42	29.5
2/28/99	4:45:00	53.71	278.9	9.95	7.76	2.427	29.1
2/28/99	5:00:00	53.69	277.7	9.97	7.77	2.415	28.4
2/28/99	5:15:00	53.69	279	9.95	7.77	2.415	30.1
2/28/99	5:30:00	53.67	279.1	9.96	7.76	2.427	29.4
2/28/99	5:45:00	53.64	279.2	9.98	7.76	2.417	30
2/28/99	6:00:00	53.64	279.2	9.97	7.77	2.41	28.7
2/28/99	6:15:00	53.62	279.3	9.97	7.76	2.407	29.2
2/28/99	6:30:00	53.6	279.4	9.97	7.77	2.399	29.1
2/28/99	6:45:00	53.58	279.4	9.99	7.77	2.397	31.8
2/28/99	7:00:00	53.56	280.8	9.98	7.77	2.387	29.1
2/28/99	7:15:00	53.55	280.9	9.99	7.77	2.395	28.2
2/28/99	7:30:00	53.53	279.7	9.99	7.77	2.398	28.1
2/28/99	7:45:00	53.49	279.8	10.02	7.77	2.409	27.6
2/28/99	8:00:00	53.49	279.8	10.03	7.77	2.411	28.4
2/28/99	8:15:00	53.49	281.1	10.03	7.77	2.414	28
2/28/99	8:30:00	53.51	279.7	10.05	7.77	2.414	27.3
2/28/99	8:45:00	53.51	281.1	10.05	7.76	2.425	27
2/28/99	9:00:00	53.51	279.7	10.07	7.77	2.439	27.2
2/28/99	9:15:00	53.55	278.2	10.09	7.76	2.438	27
2/28/99	9:30:00	53.62	279.3	10.08	7.75	2.453	28.2
2/28/99	9:45:00	53.65	279.2	10.09	7.76	2.459	27.1
2/28/99	10:00:00	53.71	280.3	10.11	7.76	2.473	26.6
2/28/99	10:15:00	53.76	281.4	10.12	7.75	2.486	26.2
2/28/99	10:30:00	53.82	281.2	10.13	7.75	2.503	26.4
2/28/99	10:45:00	53.87	279.6	10.16	7.74	2.523	25.9
2/28/99	11:00:00	53.96	276.6	10.18	7.74	2.54	26.3
2/28/99	11:15:00	54	273.8	10.21	7.74	2.551	26.7
2/28/99	11:30:00	54.09	272.2	10.23	7.74	2.568	27.5
2/28/99	11:45:00	54.21	271.7	10.26	7.74	2.583	25.8
2/28/99	12:00:00	54.34	269.9	10.28	7.72	2.596	26.6
2/28/99	12:15:00	54.43	265.6	10.28	7.72	2.599	26.7
2/28/99	12:30:00	54.54	263.9	10.28	7.71	2.598	27.5

2/28/99	12:45:00	54.61	259.7	10.28	7.71	2.593	27.4
2/28/99	13:00:00	54.66	255.6	10.29	7.7	2.591	28.1
2/28/99	13:15:00	54.7	251.5	10.27	7.69	2.595	28.6
2/28/99	13:30:00	54.72	247.5	10.27	7.69	2.6	30
2/28/99	13:45:00	54.77	243.4	10.26	7.68	2.603	29.2
2/28/99	14:00:00	54.82	240.6	10.26	7.68	2.607	29.3
2/28/99	14:15:00	54.9	239.1	10.26	7.67	2.611	29.6
2/28/99	14:30:00	54.95	237.6	10.25	7.67	2.622	30.3
2/28/99	14:45:00	54.97	234.9	10.24	7.66	2.649	30.1
2/28/99	15:00:00	55	230.9	10.23	7.67	2.688	31.7
2/28/99	15:15:00	55.02	226.9	10.23	7.66	2.717	32.8
2/28/99	15:30:00	55.04	220.3	10.22	7.66	2.748	34.7
2/28/99	15:45:00	55.08	217.6	10.19	7.64	2.789	37
2/28/99	16:00:00	55.13	212.3	10.17	7.63	2.837	39.8
2/28/99	16:15:00	55.18	208.2	10.14	7.62	2.905	45
2/28/99	16:30:00	55.27	204	10.09	7.56	3.03	53.2
2/28/99	16:45:00	55.4	195.9	10.06	7.54	3.24	70.5
2/28/99	17:00:00	55.56	181.2	10.03	7.52	3.457	95.5
2/28/99	17:15:00	55.76	167.8	9.97	7.49	3.612	107.2
2/28/99	17:30:00	55.92	154.6	9.93	7.44	3.753	115.7
2/28/99	17:45:00	55.98	144.2	9.93	7.46	4.01	121.6
2/28/99	18:00:00	55.92	137.8	9.96	7.47	4.159	127.5
2/28/99	18:15:00	55.81	135.5	10	7.46	4.282	133.1
2/28/99	18:30:00	55.72	134.3	10.01	7.5	4.351	144.9
2/28/99	18:45:00	55.63	131.9	10.03	7.47	4.365	149.5
2/28/99	19:00:00	55.6	128.1	10.04	7.47	4.369	162
2/28/99	19:15:00	55.58	124.2	10.03	7.46	4.316	181
2/28/99	19:30:00	55.53	121.7	10.03	7.45	4.268	192.3
2/28/99	19:45:00	55.38	123.3	10.06	7.45	4.241	202.1
2/28/99	20:00:00	55.24	126.1	10.08	7.44	4.23	216
2/28/99	20:15:00	55.09	129	10.11	7.45	4.229	223.1
2/28/99	20:30:00	54.97	133.1	10.14	7.49	4.221	221.2
2/28/99	20:45:00	54.84	137.3	10.15	7.47	4.187	218.1
2/28/99	21:00:00	54.72	140.1	10.18	7.51	4.131	219.4
2/28/99	21:15:00	54.59	144.3	10.18	7.51	4.078	225.1
2/28/99	21:30:00	54.45	147.2	10.21	7.51	4.026	231.3
2/28/99	21:45:00	54.34	150.1	10.23	7.52	3.985	222.4
2/28/99	22:00:00	54.23	154.3	10.24	7.54	3.936	207.4
2/28/99	22:15:00	54.16	157.1	10.24	7.56	3.887	198.8
2/28/99	22:30:00	54.09	159.9	10.25	7.54	3.854	188.1
2/28/99	22:45:00	54.03	162.6	10.24	7.56	3.841	187.8
2/28/99	23:00:00	53.98	164.1	10.25	7.55	3.809	183.3
2/28/99	23:15:00	53.92	165.5	10.25	7.55	3.79	178.4
2/28/99	23:30:00	53.87	167	10.25	7.55	3.772	175.3
2/28/99	23:45:00	53.82	168.4	10.24	7.55	3.754	175.4
3/1/99	0:00:00	53.76	169.9	10.25	7.56	3.736	171.3
3/1/99	0:15:00	53.69	170.1	10.25	7.55	3.718	172.7
3/1/99	0:30:00	53.64	171.5	10.24	7.57	3.697	163.5
3/1/99	0:45:00	53.58	173	10.25	7.56	3.687	160

3/1/99	1:00:00	53.53	173.1	10.24	7.57	3.681	153.2
3/1/99	1:15:00	53.46	174.6	10.24	7.58	3.672	148.6
3/1/99	1:30:00	53.4	176.1	10.24	7.58	3.662	145.3
3/1/99	1:45:00	53.35	177.6	10.24	7.57	3.66	144
3/1/99	2:00:00	53.29	177.7	10.25	7.59	3.64	141.1
3/1/99	2:15:00	53.26	179.1	10.25	7.58	3.633	136.8
3/1/99	2:30:00	53.22	180.6	10.24	7.59	3.619	136
3/1/99	2:45:00	53.19	182	10.24	7.58	3.618	130.7
3/1/99	3:00:00	53.15	183.4	10.24	7.59	3.614	127.7
3/1/99	3:15:00	53.15	184.8	10.24	7.58	3.607	125.4
3/1/99	3:30:00	53.15	186.1	10.23	7.59	3.613	123
3/1/99	3:45:00	53.13	187.5	10.23	7.6	3.615	117.8
3/1/99	4:00:00	53.13	188.8	10.23	7.62	3.619	117.1
3/1/99	4:15:00	53.11	190.2	10.24	7.61	3.615	109.8
3/1/99	4:30:00	53.1	191.6	10.23	7.61	3.625	108.3
3/1/99	4:45:00	53.08	193	10.23	7.63	3.624	106.9
3/1/99	5:00:00	53.06	194.4	10.23	7.63	3.63	102.4
3/1/99	5:15:00	53.04	195.8	10.22	7.62	3.63	102.6
3/1/99	5:30:00	53.01	195.9	10.23	7.62	3.631	100.7
3/1/99	5:45:00	52.99	197.3	10.23	7.63	3.632	100.5
3/1/99	6:00:00	52.97	200	10.23	7.65	3.642	96
3/1/99	6:15:00	52.93	200.1	10.23	7.64	3.647	94.1
3/1/99	6:30:00	52.93	201.4	10.22	7.64	3.654	93.7
3/1/99	6:45:00	52.92	202.8	10.24	7.65	3.659	92.1
3/1/99	7:00:00	52.9	204.2	10.23	7.66	3.673	92.3
3/1/99	7:15:00	52.86	204.3	10.23	7.66	3.674	87.9
3/1/99	7:30:00	52.84	205.7	10.22	7.66	3.681	86.8
3/1/99	7:45:00	52.83	207.1	10.24	7.66	3.683	88.4
3/1/99	8:00:00	52.83	207.1	10.24	7.66	3.686	83.4
3/1/99	8:15:00	52.83	208.5	10.25	7.66	3.694	81.7
3/1/99	8:30:00	52.83	208.5	10.26	7.68	3.695	81
3/1/99	8:45:00	52.84	209.8	10.27	7.68	3.696	78.6
3/1/99	9:00:00	52.9	211	10.27	7.68	3.695	77.8
3/1/99	9:15:00	52.93	212.2	10.29	7.68	3.7	77.3
3/1/99	9:30:00	53.01	212	10.3	7.68	3.698	78.2
3/1/99	9:45:00	53.11	214.3	10.3	7.68	3.698	73.2
3/1/99	10:00:00	53.22	215.3	10.33	7.69	3.697	70.5
3/1/99	10:15:00	53.37	216.2	10.33	7.71	3.684	69.4
3/1/99	10:30:00	53.53	217.1	10.34	7.7	3.676	68.7
3/1/99	10:45:00	53.73	217.8	10.37	7.71	3.673	66.6
3/1/99	11:00:00	53.94	218.4	10.39	7.71	3.661	66.2
3/1/99	11:15:00	54.18	219.1	10.39	7.71	3.657	64.7
3/1/99	11:30:00	54.41	219.7	10.43	7.72	3.647	64.5
3/1/99	11:45:00	54.64	221.6	10.42	7.71	3.631	65.5
3/1/99	12:00:00	54.91	222	10.44	7.71	3.616	67.9
3/1/99	12:15:00	55.13	222.7	10.45	7.74	3.597	65.8
3/1/99	12:30:00	55.36	223.3	10.45	7.73	3.589	67.2
3/1/99	12:45:00	55.54	224	10.49	7.74	3.621	64.6
3/1/99	13:00:00	55.78	224.6	10.49	7.75	3.604	62

3/1/99	13:15:00	55.99	226.5	10.5	7.75	3.597	62.3
3/1/99	13:30:00	56.14	226	10.52	7.77	3.598	59.9
3/1/99	13:45:00	56.32	226.8	10.52	7.77	3.588	59.6
3/1/99	14:00:00	56.46	227.6	10.52	7.77	3.586	58.2
3/1/99	14:15:00	56.59	228.5	10.52	7.77	3.576	57
3/1/99	14:30:00	56.71	229.4	10.53	7.78	3.571	55.4
3/1/99	14:45:00	56.84	230.3	10.53	7.78	3.566	55.1
3/1/99	15:00:00	56.93	230	10.53	7.8	3.555	55.8
3/1/99	15:15:00	57.04	232.2	10.51	7.81	3.551	55.1
3/1/99	15:30:00	57.09	232	10.5	7.81	3.54	55.9
3/1/99	15:45:00	57.13	233.2	10.48	7.81	3.525	55.1
3/1/99	16:00:00	57.13	233.2	10.48	7.81	3.512	55.5
3/1/99	16:15:00	57.13	234.4	10.45	7.82	3.497	56.4
3/1/99	16:30:00	57.09	234.5	10.45	7.82	3.486	57.3
3/1/99	16:45:00	57.06	234.7	10.43	7.81	3.477	57.3
3/1/99	17:00:00	56.97	236.2	10.41	7.82	3.465	56.9
3/1/99	17:15:00	56.86	236.6	10.38	7.82	3.455	54.6
3/1/99	17:30:00	56.73	237	10.37	7.82	3.453	54.4
3/1/99	17:45:00	56.59	237.4	10.33	7.81	3.451	55
3/1/99	18:00:00	56.44	237.9	10.28	7.83	3.449	55.5
3/1/99	18:15:00	56.32	239.6	10.26	7.81	3.447	56.4
3/1/99	18:30:00	56.17	240	10.21	7.81	3.433	55
3/1/99	18:45:00	55.99	239.4	10.18	7.81	3.422	51.3
3/1/99	19:00:00	55.85	241.1	10.15	7.81	3.415	54.6
3/1/99	19:15:00	55.71	241.6	10.11	7.79	3.412	53.8
3/1/99	19:30:00	55.58	242	10.08	7.79	3.402	51.3
3/1/99	19:45:00	55.47	243.7	10.04	7.78	3.392	50.3
3/1/99	20:00:00	55.36	244	10.02	7.78	3.393	52.1
3/1/99	20:15:00	55.27	245.6	9.99	7.77	3.382	48.7
3/1/99	20:30:00	55.18	245.9	9.96	7.76	3.372	49.7
3/1/99	20:45:00	55.09	247.5	9.94	7.76	3.37	52.1
3/1/99	21:00:00	55	247.8	9.92	7.77	3.363	50.7
3/1/99	21:15:00	54.91	248.2	9.93	7.76	3.355	48.5
3/1/99	21:30:00	54.86	249.7	9.9	7.76	3.341	47.9
3/1/99	21:45:00	54.79	249.9	9.9	7.74	3.332	46.3
3/1/99	22:00:00	54.72	250.1	9.91	7.75	3.327	46
3/1/99	22:15:00	54.64	251.7	9.91	7.74	3.312	46.1
3/1/99	22:30:00	54.55	250.7	9.9	7.75	3.306	46.8
3/1/99	22:45:00	54.48	251	9.91	7.75	3.298	44.8
3/1/99	23:00:00	54.41	251.2	9.9	7.75	3.298	43.4
3/1/99	23:15:00	54.34	251.5	9.9	7.74	3.284	47
3/1/99	23:30:00	54.27	251.7	9.91	7.74	3.276	43.9
3/1/99	23:45:00	54.16	252.1	9.92	7.75	3.259	43.2
3/2/99	0:00:00	54.07	252.4	9.94	7.74	3.246	41.8
3/2/99	0:15:00	54	252.7	9.92	7.75	3.234	41.7
3/2/99	0:30:00	53.92	252.9	9.93	7.74	3.229	41.4
3/2/99	0:45:00	53.85	253.2	9.93	7.74	3.221	41.6
3/2/99	1:00:00	53.78	253.4	9.93	7.74	3.211	41.3
3/2/99	1:15:00	53.69	253.8	9.94	7.73	3.198	40.7



3/2/99	1:30:00	53.58	254.2	9.94	7.74	3.184	40.9
3/2/99	1:45:00	53.49	254.5	9.96	7.73	3.179	40.5
3/2/99	2:00:00	53.4	254.8	9.98	7.74	3.161	40.3
3/2/99	2:15:00	53.31	255.1	9.99	7.73	3.146	40.3
3/2/99	2:30:00	53.22	255.5	10	7.74	3.128	39.7
3/2/99	2:45:00	53.13	255.8	10.01	7.75	3.115	39
3/2/99	3:00:00	53.04	256.1	10.02	7.74	3.101	39.6
3/2/99	3:15:00	52.95	256.4	10.04	7.75	3.091	39.3
3/2/99	3:30:00	52.84	256.8	10.05	7.73	3.079	39.1
3/2/99	3:45:00	52.75	257.2	10.06	7.74	3.067	39.4
3/2/99	4:00:00	52.65	257.6	10.07	7.74	3.059	38.4
3/2/99	4:15:00	52.56	257.9	10.07	7.74	3.044	37
3/2/99	4:30:00	52.45	258.3	10.1	7.74	3.037	36.7
3/2/99	4:45:00	52.34	258.7	10.1	7.75	3.029	36.1
3/2/99	5:00:00	52.23	259.1	10.13	7.74	3.015	36.4
3/2/99	5:15:00	52.14	259.4	10.14	7.74	3.005	36.4
3/2/99	5:30:00	52.03	259.8	10.15	7.76	2.994	36.3
3/2/99	5:45:00	51.94	260.2	10.16	7.75	2.985	36.2
3/2/99	6:00:00	51.85	260.5	10.19	7.74	2.969	35.4
3/2/99	6:15:00	51.75	260.9	10.19	7.74	2.956	35
3/2/99	6:30:00	51.64	260	10.19	7.75	2.952	35.3
3/2/99	6:45:00	51.57	261.6	10.22	7.75	2.951	37
3/2/99	7:00:00	51.48	261.9	10.24	7.74	2.938	34.9
3/2/99	7:15:00	51.39	260.9	10.25	7.75	2.938	35.2
3/2/99	7:30:00	51.28	261.3	10.26	7.75	2.929	36.2
3/2/99	7:45:00	51.21	261.6	10.28	7.75	2.921	34.1
3/2/99	8:00:00	51.15	261.8	10.3	7.75	2.919	35.3
3/2/99	8:15:00	51.12	261.9	10.32	7.76	2.906	35.5
3/2/99	8:30:00	51.1	262	10.33	7.76	2.898	35.4
3/2/99	8:45:00	51.08	262.1	10.37	7.76	2.886	35.8
3/2/99	9:00:00	51.12	261.9	10.39	7.76	2.878	35
3/2/99	9:15:00	51.19	263	10.42	7.76	2.864	35.6
3/2/99	9:30:00	51.3	262.6	10.46	7.77	2.852	35.4
3/2/99	9:45:00	51.44	263.5	10.48	7.78	2.837	33.5
3/2/99	10:00:00	51.6	262.8	10.52	7.77	2.83	33.9
3/2/99	10:15:00	51.82	263.4	10.54	7.78	2.823	34.8
3/2/99	10:30:00	52.07	265.1	10.58	7.78	2.821	35.5
3/2/99	10:45:00	52.32	265.5	10.61	7.79	2.816	42.7
3/2/99	11:00:00	52.59	265.9	10.64	7.79	2.806	35.4
3/2/99	11:15:00	52.86	264.8	10.66	7.79	2.798	36.7
3/2/99	11:30:00	53.13	265.2	10.68	7.8	2.786	36.3
3/2/99	11:45:00	53.46	266.6	10.71	7.8	2.779	35.6
3/2/99	12:00:00	53.76	265.5	10.75	7.82	2.769	32.7
3/2/99	12:15:00	54.12	266.8	10.77	7.83	2.758	33.4
3/2/99	12:30:00	54.43	266.9	10.82	7.83	2.745	32.2
3/2/99	12:45:00	54.72	267.2	10.83	7.84	2.734	35.1
3/2/99	13:00:00	55.02	267.3	10.85	7.85	2.731	32.1
3/2/99	13:15:00	55.27	267.7	10.88	7.86	2.729	31.7
3/2/99	13:30:00	55.49	266.9	10.89	7.86	2.711	32.2

3/2/99	13:45:00	55.65	267.6	10.9	7.86	2.705	31.4
3/2/99	14:00:00	55.83	268.3	10.88	7.86	2.691	31.9
3/2/99	14:15:00	55.98	269	10.87	7.87	2.677	33
3/2/99	14:30:00	56.12	269.8	10.85	7.87	2.668	33.6
3/2/99	14:45:00	56.19	269.5	10.84	7.88	2.674	36.2
3/2/99	15:00:00	56.21	269.4	10.84	7.89	2.655	36.1
3/2/99	15:15:00	56.23	269.4	10.82	7.89	2.659	35.6
3/2/99	15:30:00	56.14	269.7	10.79	7.89	2.652	38.2
3/2/99	15:45:00	56.05	271.3	10.77	7.89	2.639	39.8
3/2/99	16:00:00	55.96	270.4	10.75	7.91	2.633	37.9
3/2/99	16:15:00	55.85	272.1	10.71	7.9	2.634	41.8
3/2/99	16:30:00	55.72	272.5	10.7	7.89	2.626	38.1
3/2/99	16:45:00	55.62	272.9	10.65	7.9	2.62	40.9
3/2/99	17:00:00	55.51	273.3	10.62	7.9	2.6	37.7
3/2/99	17:15:00	55.38	273.8	10.58	7.9	2.579	34.4
3/2/99	17:30:00	55.29	275.4	10.54	7.9	2.562	36.3
3/2/99	17:45:00	55.22	277	10.49	7.89	2.543	34.9
3/2/99	18:00:00	55.17	277.2	10.45	7.89	2.533	35.9
3/2/99	18:15:00	55.11	278.7	10.4	7.89	2.514	33.5
3/2/99	18:30:00	55.06	278.9	10.36	7.87	2.505	32.2
3/2/99	18:45:00	55	279.2	10.31	7.88	2.499	31.8
3/2/99	19:00:00	54.93	279.4	10.26	7.87	2.493	31.7
3/2/99	19:15:00	54.91	279.5	10.2	7.86	2.484	31.2
3/2/99	19:30:00	54.88	279.6	10.15	7.86	2.48	30.5
3/2/99	19:45:00	54.84	279.8	10.1	7.85	2.467	30.9
3/2/99	20:00:00	54.82	279.9	10.06	7.84	2.465	30.9
3/2/99	20:15:00	54.79	280	10.02	7.84	2.462	31.1
3/2/99	20:30:00	54.77	280.1	9.98	7.83	2.458	30.2
3/2/99	20:45:00	54.75	280.1	9.96	7.83	2.456	31
3/2/99	21:00:00	54.73	280.2	9.93	7.83	2.453	30.6
3/2/99	21:15:00	54.72	281.6	9.9	7.81	2.453	30.4
3/2/99	21:30:00	54.7	281.7	9.88	7.8	2.456	30.4
3/2/99	21:45:00	54.66	281.8	9.86	7.8	2.482	30.5
3/2/99	22:00:00	54.64	281.9	9.84	7.8	2.486	30.6
3/2/99	22:15:00	54.63	281.9	9.83	7.79	2.509	30.3
3/2/99	22:30:00	54.61	282	9.83	7.79	2.548	29.7
3/2/99	22:45:00	54.59	283.4	9.82	7.79	2.593	29.6
3/2/99	23:00:00	54.57	280.8	9.82	7.77	2.644	30.8
3/2/99	23:15:00	54.57	276.9	9.82	7.77	2.696	32.2
3/2/99	23:30:00	54.64	276.6	9.79	7.76	2.732	34.8
3/2/99	23:45:00	54.75	277.5	9.74	7.73	2.749	35.4
3/3/99	0:00:00	54.82	275.9	9.69	7.72	2.744	36.4
3/3/99	0:15:00	54.86	269.3	9.65	7.7	2.736	36.9
3/3/99	0:30:00	54.86	260.1	9.61	7.69	2.731	38.7
3/3/99	0:45:00	54.84	253.6	9.6	7.67	2.732	39.1
3/3/99	1:00:00	54.79	244.7	9.59	7.67	2.731	39.6
3/3/99	1:15:00	54.73	239.6	9.6	7.65	2.726	39.8
3/3/99	1:30:00	54.68	234.6	9.61	7.65	2.717	38.5
3/3/99	1:45:00	54.63	232.1	9.62	7.65	2.713	39.3

3/3/99	2:00:00	54.55	231	9.63	7.64	2.708	38.7
3/3/99	2:15:00	54.48	231.3	9.66	7.64	2.705	37.1
3/3/99	2:30:00	54.41	230.2	9.67	7.65	2.699	38.1
3/3/99	2:45:00	54.32	229.1	9.68	7.64	2.7	37.5
3/3/99	3:00:00	54.23	226.8	9.7	7.64	2.696	37.3
3/3/99	3:15:00	54.14	225.8	9.71	7.64	2.695	38.7
3/3/99	3:30:00	54.03	223.5	9.74	7.63	2.689	37.2
3/3/99	3:45:00	53.94	222.4	9.75	7.64	2.688	38
3/3/99	4:00:00	53.83	221.4	9.77	7.63	2.685	39.2
3/3/99	4:15:00	53.73	220.4	9.8	7.64	2.682	38.7
3/3/99	4:30:00	53.6	219.5	9.83	7.63	2.679	39.2
3/3/99	4:45:00	53.49	218.5	9.84	7.63	2.676	39.1
3/3/99	5:00:00	53.38	217.5	9.85	7.64	2.678	39.8
3/3/99	5:15:00	53.29	217.8	9.87	7.64	2.676	39
3/3/99	5:30:00	53.17	216.8	9.9	7.65	2.68	40.1
3/3/99	5:45:00	53.04	215.9	9.93	7.64	2.675	39.3
3/3/99	6:00:00	52.93	217.6	9.95	7.66	2.676	40.8
3/3/99	6:15:00	52.83	217.9	9.97	7.64	2.674	40.8
3/3/99	6:30:00	52.72	219.6	10	7.64	2.673	41.5
3/3/99	6:45:00	52.61	221.3	10.01	7.64	2.664	41.8
3/3/99	7:00:00	52.52	222.9	10.04	7.66	2.665	42.5
3/3/99	7:15:00	52.41	223.2	10.06	7.67	2.668	44
3/3/99	7:30:00	52.34	224.8	10.08	7.67	2.665	44.4
3/3/99	7:45:00	52.27	226.4	10.09	7.67	2.658	45.3
3/3/99	8:00:00	52.25	227.8	10.1	7.68	2.657	45.6
3/3/99	8:15:00	52.23	229.3	10.13	7.68	2.656	46.8
3/3/99	8:30:00	52.25	230.5	10.14	7.67	2.647	46.9
3/3/99	8:45:00	52.25	231.9	10.16	7.69	2.642	47.6
3/3/99	9:00:00	52.3	233.1	10.19	7.68	2.637	49.5
3/3/99	9:15:00	52.32	233	10.25	7.7	2.632	50.6
3/3/99	9:30:00	52.36	230.2	10.32	7.7	2.624	47.1
3/3/99	9:45:00	52.48	231.1	10.35	7.7	2.619	44.1
3/3/99	10:00:00	52.54	228.2	10.45	7.72	2.616	45.8
3/3/99	10:15:00	52.7	229.1	10.5	7.74	2.607	46.4
3/3/99	10:30:00	52.86	229.9	10.55	7.75	2.595	42.8
3/3/99	10:45:00	53.1	230.5	10.59	7.77	2.586	42.9
3/3/99	11:00:00	53.31	231.1	10.64	7.76	2.581	42.1
3/3/99	11:15:00	53.6	231.5	10.68	7.78	2.575	41.4
3/3/99	11:30:00	53.76	232.3	10.72	7.78	2.569	39.7
3/3/99	11:45:00	54.09	233.9	10.76	7.79	2.562	38.3
3/3/99	12:00:00	54.23	234.7	10.79	7.81	2.554	36.7
3/3/99	12:15:00	54.37	235.6	10.82	7.82	2.546	36.2
3/3/99	12:30:00	54.5	236.5	10.85	7.82	2.537	35.6
3/3/99	12:45:00	54.46	237.9	10.87	7.84	2.528	34.5
3/3/99	13:00:00	54.48	237.8	10.88	7.85	2.512	33.6
3/3/99	13:15:00	54.63	238.7	10.89	7.85	2.505	32.1
3/3/99	13:30:00	54.68	239.8	10.9	7.86	2.5	31.5
3/3/99	13:45:00	54.9	240.4	10.91	7.86	2.492	30.7
3/3/99	14:00:00	55.22	240.6	10.93	7.87	2.485	29.6

3/3/99	14:15:00	55.56	242.1	10.96	7.9	2.477	30.6
3/3/99	14:30:00	55.78	242.6	10.98	7.9	2.474	28.1
3/3/99	14:45:00	55.9	243.5	10.99	7.91	2.473	28.4
3/3/99	15:00:00	56.19	252.8	10.73	7.82	2.472	26.3
3/3/99	15:15:00	56.32	258.8	10.69	7.82	2.466	32.9
3/3/99	15:30:00	56.26	261.5	10.69	7.85	2.459	35.7
3/3/99	15:45:00	56.14	263.3	10.65	7.85	2.454	36.7
3/3/99	16:00:00	55.9	264.1	10.7	7.85	2.446	36.4
3/3/99	16:15:00	55.74	264.7	10.69	7.86	2.443	35.8
3/3/99	16:30:00	55.6	265.2	10.67	7.85	2.44	35.4
3/3/99	16:45:00	55.51	265.6	10.63	7.85	2.436	35.5
3/3/99	17:00:00	55.44	265.8	10.62	7.85	2.428	34.7
3/3/99	17:15:00	55.36	267.4	10.6	7.85	2.425	34.7
3/3/99	17:30:00	55.26	267.8	10.57	7.87	2.427	32.9
3/3/99	17:45:00	55.11	268.3	10.56	7.86	2.425	32.9
3/3/99	18:00:00	54.95	268.9	10.52	7.86	2.426	33.4
3/3/99	18:15:00	54.77	268.3	10.5	7.86	2.425	32.2
3/3/99	18:30:00	54.61	268.9	10.45	7.86	2.425	32.7
3/3/99	18:45:00	54.45	269.5	10.42	7.86	2.426	31.5
3/3/99	19:00:00	54.3	270	10.37	7.85	2.428	32.1
3/3/99	19:15:00	54.14	270.7	10.3	7.84	2.434	32.4
3/3/99	19:30:00	54	271.2	10.25	7.84	2.435	31.3
3/3/99	19:45:00	53.89	271.6	10.19	7.83	2.435	32.1
3/3/99	20:00:00	53.78	272	10.15	7.81	2.433	31.6
3/3/99	20:15:00	53.67	272.4	10.11	7.81	2.434	32.2
3/3/99	20:30:00	53.56	272.9	10.08	7.8	2.429	30.8
3/3/99	20:45:00	53.47	274.5	10.06	7.79	2.428	31.5
3/3/99	21:00:00	53.38	274.9	10.04	7.79	2.429	31.4
3/3/99	21:15:00	53.26	274	10.04	7.79	2.431	30.4
3/3/99	21:30:00	53.17	274.4	10.02	7.79	2.426	31.1
3/3/99	21:45:00	53.04	274.9	10.02	7.78	2.425	30.7
3/3/99	22:00:00	52.95	275.2	10.01	7.78	2.429	30.3
3/3/99	22:15:00	52.86	275.6	10	7.78	2.422	31.1
3/3/99	22:30:00	52.75	276	10	7.78	2.421	31.6
3/3/99	22:45:00	52.66	276.4	9.99	7.77	2.417	31.5
3/3/99	23:00:00	52.56	276.8	10.01	7.77	2.409	32.6
3/3/99	23:15:00	52.48	277.1	10.01	7.76	2.403	31.2
3/3/99	23:30:00	52.41	278.7	10	7.76	2.399	31.2
3/3/99	23:45:00	52.32	279.1	9.99	7.76	2.4	30.9
3/4/99	0:00:00	52.21	278.2	10.01	7.76	2.396	30.8
3/4/99	0:15:00	52.12	279.9	10.02	7.75	2.391	30.2
3/4/99	0:30:00	52.03	280.2	10.02	7.76	2.389	31
3/4/99	0:45:00	51.93	280.7	10.03	7.76	2.386	30.9
3/4/99	1:00:00	51.84	279.7	10.04	7.75	2.383	29.5
3/4/99	1:15:00	51.76	281.3	10.04	7.75	2.382	30.3
3/4/99	1:30:00	51.66	281.8	10.06	7.75	2.382	28.9
3/4/99	1:45:00	51.57	280.8	10.08	7.75	2.38	28.8
3/4/99	2:00:00	51.49	281.1	10.08	7.75	2.374	29.4
3/4/99	2:15:00	51.4	281.4	10.1	7.76	2.376	29.6

3/4/99	2:30:00	51.33	283.1	10.1	7.76	2.374	31.1
3/4/99	2:45:00	51.24	283.5	10.11	7.76	2.372	29.5
3/4/99	3:00:00	51.15	282.5	10.12	7.76	2.373	30.2
3/4/99	3:15:00	51.04	282.9	10.16	7.76	2.366	29.2
3/4/99	3:30:00	50.99	283.1	10.15	7.77	2.364	29.5
3/4/99	3:45:00	50.88	282.2	10.18	7.76	2.362	28.6
3/4/99	4:00:00	50.81	283.9	10.18	7.76	2.36	28.1
3/4/99	4:15:00	50.72	284.3	10.2	7.76	2.357	28.8
3/4/99	4:30:00	50.63	284.6	10.2	7.76	2.357	28.6
3/4/99	4:45:00	50.54	285	10.21	7.76	2.353	28.6
3/4/99	5:00:00	50.47	285.3	10.21	7.76	2.353	29
3/4/99	5:15:00	50.36	285.8	10.25	7.77	2.353	28.8
3/4/99	5:30:00	50.27	286.2	10.26	7.77	2.351	28.6
3/4/99	5:45:00	50.18	285.2	10.27	7.76	2.348	28.2
3/4/99	6:00:00	50.09	285.5	10.3	7.76	2.341	27.6
3/4/99	6:15:00	50	285.9	10.31	7.76	2.339	27.7
3/4/99	6:30:00	49.93	286.2	10.32	7.76	2.338	27.9
3/4/99	6:45:00	49.84	286.6	10.34	7.76	2.337	27.6
3/4/99	7:00:00	49.75	287	10.35	7.77	2.339	27.5
3/4/99	7:15:00	49.68	287.3	10.36	7.77	2.341	27.4
3/4/99	7:30:00	49.6	286.2	10.4	7.77	2.347	27.2
3/4/99	7:45:00	49.53	286.5	10.41	7.77	2.342	27.1
3/4/99	8:00:00	49.5	288.1	10.43	7.77	2.34	27.4
3/4/99	8:15:00	49.48	288.2	10.46	7.77	2.344	27.2
3/4/99	8:30:00	49.46	288.2	10.5	7.78	2.34	26.9
3/4/99	8:45:00	49.48	286.7	10.54	7.78	2.342	26.4
3/4/99	9:00:00	49.55	286.4	10.6	7.78	2.344	25.7
3/4/99	9:15:00	49.68	287.3	10.63	7.78	2.343	26.7
3/4/99	9:30:00	49.82	288.1	10.71	7.79	2.345	27.2
3/4/99	9:45:00	50	288.7	10.75	7.79	2.34	28.5
3/4/99	10:00:00	50.22	289.2	10.81	7.8	2.335	27.2
3/4/99	10:15:00	50.47	288.1	10.86	7.81	2.339	26.5
3/4/99	10:30:00	50.76	289.7	10.91	7.81	2.338	26.2
3/4/99	10:45:00	51.03	289.9	10.98	7.82	2.332	26.4
3/4/99	11:00:00	51.35	289.9	11.04	7.83	2.331	26.5
3/4/99	11:15:00	51.66	290	11.11	7.84	2.327	26
3/4/99	11:30:00	52	289.9	11.18	7.86	2.319	24.8
3/4/99	11:45:00	52.34	291.2	11.22	7.87	2.316	25.9
3/4/99	12:00:00	52.63	291.3	11.26	7.88	2.307	26.2
3/4/99	12:15:00	52.88	291.6	11.28	7.88	2.307	26.7
3/4/99	12:30:00	53.15	291.9	11.29	7.89	2.299	26.8
3/4/99	12:45:00	53.4	293.5	11.3	7.88	2.294	26.8
3/4/99	13:00:00	53.69	293.6	11.32	7.89	2.286	26.5
3/4/99	13:15:00	53.96	293.8	11.33	7.9	2.278	26.5
3/4/99	13:30:00	54.18	294.3	11.35	7.91	2.276	26.3
3/4/99	13:45:00	54.34	293.6	11.36	7.92	2.268	26.5
3/4/99	14:00:00	54.52	294.2	11.37	7.93	2.261	24.9
3/4/99	14:15:00	54.64	295	11.37	7.93	2.256	26.3
3/4/99	14:30:00	54.79	294.4	11.37	7.94	2.246	25.6

3/4/99	14:45:00	54.86	295.4	11.38	7.94	2.24	25.2
3/4/99	15:00:00	54.9	295.3	11.37	7.95	2.239	25.1
3/4/99	15:15:00	54.93	296.4	11.36	7.95	2.222	25.5
3/4/99	15:30:00	55	297.4	11.34	7.96	2.218	25.5
3/4/99	15:45:00	55	297.4	11.32	7.96	2.21	25.3
3/4/99	16:00:00	55	297.4	11.31	7.96	2.199	25.1
3/4/99	16:15:00	54.99	297.5	11.29	7.97	2.196	25.2
3/4/99	16:30:00	54.95	297.6	11.27	7.97	2.197	25.4
3/4/99	16:45:00	54.88	296.6	11.24	7.98	2.189	24.8
3/4/99	17:00:00	54.81	296.9	11.2	7.98	2.192	25.9
3/4/99	17:15:00	54.66	297.5	11.17	7.98	2.191	26
3/4/99	17:30:00	54.5	298.2	11.13	7.97	2.189	26.6
3/4/99	17:45:00	54.32	298.9	11.09	7.97	2.185	26.9
3/4/99	18:00:00	54.12	298.5	11.04	7.97	2.185	26.6
3/4/99	18:15:00	53.91	299.4	11	7.96	2.184	26.7
3/4/99	18:30:00	53.69	298.9	10.94	7.96	2.178	26.6
3/4/99	18:45:00	53.49	299.8	10.87	7.95	2.174	26.5
3/4/99	19:00:00	53.29	299.3	10.81	7.95	2.174	25.8
3/4/99	19:15:00	53.08	300.2	10.75	7.94	2.17	24.6
3/4/99	19:30:00	52.92	299.6	10.68	7.93	2.172	24.5
3/4/99	19:45:00	52.74	300.3	10.61	7.92	2.169	24.5
3/4/99	20:00:00	52.61	300.9	10.53	7.91	2.169	25.2
3/4/99	20:15:00	52.48	300.1	10.47	7.89	2.169	24.8
3/4/99	20:30:00	52.36	300.6	10.43	7.89	2.171	24.9
3/4/99	20:45:00	52.25	301.1	10.39	7.87	2.168	24.3
3/4/99	21:00:00	52.14	301.5	10.34	7.86	2.165	24.9
3/4/99	21:15:00	52.03	302	10.32	7.85	2.164	25.1
3/4/99	21:30:00	51.93	301.1	10.3	7.85	2.161	24.1
3/4/99	21:45:00	51.84	301.5	10.28	7.83	2.158	24.4
3/4/99	22:00:00	51.75	301.9	10.25	7.84	2.153	24.7
3/4/99	22:15:00	51.64	302.4	10.26	7.82	2.148	24.6
3/4/99	22:30:00	51.55	302.8	10.25	7.82	2.148	25.3
3/4/99	22:45:00	51.46	303.2	10.24	7.81	2.141	24.6
3/4/99	23:00:00	51.37	303.6	10.24	7.81	2.135	24.9
3/4/99	23:15:00	51.3	303.9	10.24	7.8	2.128	24.4
3/4/99	23:30:00	51.22	304.2	10.23	7.8	2.122	24.2
3/4/99	23:45:00	51.15	304.5	10.23	7.8	2.113	23.7
3/5/99	0:00:00	51.08	303.5	10.23	7.8	2.107	23.5

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
3/6/99	0:00:00	51.42	312.9	11.55	7.82	1.624	25
3/6/99	0:15:00	51.35	313.3	10.99	7.81	1.622	26.6
3/6/99	0:30:00	51.3	313.5	10.81	7.81	1.624	26.5
3/6/99	0:45:00	51.22	313.8	10.72	7.81	1.615	26.7
3/6/99	1:00:00	51.17	314.1	10.67	7.8	1.612	26.6
3/6/99	1:15:00	51.13	314.3	10.62	7.79	1.606	27.7
3/6/99	1:30:00	51.1	314.4	10.58	7.79	1.601	27
3/6/99	1:45:00	51.04	314.7	10.56	7.79	1.605	27.1
3/6/99	2:00:00	50.97	315	10.56	7.79	1.594	28.5
3/6/99	2:15:00	50.86	311.3	10.53	7.78	1.583	25.2
3/6/99	2:30:00	50.85	315.6	10.52	7.78	1.576	28.9
3/6/99	2:45:00	50.79	315.8	10.5	7.78	1.574	28.4
3/6/99	3:00:00	50.7	312.1	10.5	7.78	1.556	24.8
3/6/99	3:15:00	50.65	313.7	10.5	7.78	1.553	26
3/6/99	3:30:00	50.63	315.2	10.49	7.78	1.546	27.1
3/6/99	3:45:00	50.56	315.5	10.5	7.78	1.53	27.3
3/6/99	4:00:00	50.5	314.4	10.5	7.79	1.53	25
3/6/99	4:15:00	50.49	317.3	10.47	7.77	1.524	26.4
3/6/99	4:30:00	50.43	314.7	10.47	7.78	1.519	26.9
3/6/99	4:45:00	50.4	316.3	10.48	7.78	1.514	27
3/6/99	5:00:00	50.36	315.1	10.48	7.78	1.509	25.6
3/6/99	5:15:00	50.32	316.6	10.47	7.77	1.506	28.2
3/6/99	5:30:00	50.27	315.5	10.47	7.77	1.503	26.7
3/6/99	5:45:00	50.25	317	10.45	7.78	1.505	27
3/6/99	6:00:00	50.16	316	10.47	7.78	1.498	25.9
3/6/99	6:15:00	50.13	316.2	10.47	7.78	1.499	26.4
3/6/99	6:30:00	50.04	313.8	10.47	7.77	1.495	26.5
3/6/99	6:45:00	50.02	316.7	10.45	7.78	1.498	26.3
3/6/99	7:00:00	49.96	315.5	10.47	7.78	1.495	26.5
3/6/99	7:15:00	49.95	317	10.47	7.78	1.503	27.9
3/6/99	7:30:00	49.93	318.5	10.48	7.77	1.499	29
3/6/99	7:45:00	49.89	318.7	10.49	7.77	1.498	29.9
3/6/99	8:00:00	49.91	318.6	10.51	7.78	1.501	32.4
3/6/99	8:15:00	49.91	318.6	10.57	7.78	1.494	30.8
3/6/99	8:30:00	49.96	319.7	10.6	7.78	1.503	34.3
3/6/99	8:45:00	50	318.1	10.65	7.78	1.502	37
3/6/99	9:00:00	50.04	319.4	10.69	7.79	1.501	38.2
3/6/99	9:15:00	50.2	321.4	10.74	7.79	1.496	40.3
3/6/99	9:30:00	50.38	319.2	10.82	7.8	1.495	36.1
3/6/99	9:45:00	50.5	320	10.89	7.8	1.49	37.9
3/6/99	10:00:00	50.61	318.1	10.94	7.8	1.488	36.5
3/6/99	10:15:00	50.83	319.8	11.05	7.82	1.484	35.8
3/6/99	10:30:00	51.1	319.9	11.14	7.83	1.485	34.1
3/6/99	10:45:00	51.37	320	11.23	7.84	1.485	34
3/6/99	11:00:00	51.57	319.1	11.36	7.87	1.481	32.2
3/6/99	11:15:00	51.87	319.1	11.44	7.87	1.48	33.8
3/6/99	11:30:00	52.14	319.2	11.53	7.87	1.476	31

3/6/99	11:45:00	52.39	319.4	11.58	7.91	1.468	28.8
3/6/99	12:00:00	52.63	321	11.64	7.91	1.467	31.7
3/6/99	12:15:00	52.93	319.6	11.73	7.94	1.468	28.5
3/6/99	12:30:00	53.11	321.5	11.76	7.95	1.459	29
3/6/99	12:45:00	53.37	321.7	11.8	7.97	1.446	27.8
3/6/99	13:00:00	53.53	320.9	11.84	7.99	1.442	29.9
3/6/99	13:15:00	53.73	321.4	11.89	8	1.436	28.8
3/6/99	13:30:00	54	318.8	11.95	8.04	1.43	25.9
3/6/99	13:45:00	54.28	321.5	12.01	8.02	1.43	29
3/6/99	14:00:00	54.59	321.4	12.04	8.06	1.421	28.7
3/6/99	14:15:00	54.79	320.6	12.07	8.07	1.419	25.8
3/6/99	14:30:00	55.04	322	12.09	8.08	1.42	28.6
3/6/99	14:45:00	55.31	322.1	12.1	8.1	1.411	26.3
3/6/99	15:00:00	55.53	321.2	12.09	8.11	1.409	28.8
3/6/99	15:15:00	55.69	321.8	12.06	8.13	1.408	29.2
3/6/99	15:30:00	55.81	322.5	12.06	8.13	1.4	28.1
3/6/99	15:45:00	55.89	322.2	12.03	8.16	1.397	27.2
3/6/99	16:00:00	55.92	322	12.02	8.15	1.395	29.9
3/6/99	16:15:00	55.94	321.9	11.99	8.17	1.393	28.9
3/6/99	16:30:00	55.96	324.4	11.97	8.17	1.392	30.6
3/6/99	16:45:00	55.8	323.9	11.95	8.18	1.393	27.9
3/6/99	17:00:00	55.71	324.3	11.87	8.19	1.403	30.5
3/6/99	17:15:00	55.54	323.7	11.82	8.2	1.401	30
3/6/99	17:30:00	55.31	323.4	11.75	8.2	1.405	29.1
3/6/99	17:45:00	55.15	324.2	11.69	8.18	1.412	33.1
3/6/99	18:00:00	54.91	323.9	11.64	8.19	1.406	29.4
3/6/99	18:15:00	54.61	321.4	11.6	8.2	1.403	32.6
3/6/99	18:30:00	54.5	324.5	11.5	8.18	1.401	32.8
3/6/99	18:45:00	54.21	324.5	11.44	8.17	1.4	31.6
3/6/99	19:00:00	54.03	324	11.35	8.17	1.406	30.5
3/6/99	19:15:00	53.73	324	11.26	8.14	1.41	31.8
3/6/99	19:30:00	53.53	324.9	11.15	8.12	1.419	30
3/6/99	19:45:00	53.33	324.5	11.04	8.1	1.42	30.9
3/6/99	20:00:00	53.15	324	10.93	8.08	1.418	29.4
3/6/99	20:15:00	52.97	324.8	10.83	8.06	1.42	30.4
3/6/99	20:30:00	52.88	326.6	10.71	8.02	1.412	30.4
3/6/99	20:45:00	52.74	327.3	10.62	7.99	1.406	29.8
3/6/99	21:00:00	52.59	325.2	10.55	7.98	1.406	28.4
3/6/99	21:15:00	52.45	327.3	10.48	7.96	1.405	28.4
3/6/99	21:30:00	52.38	326.2	10.41	7.94	1.403	25.8
3/6/99	21:45:00	52.23	325.6	10.39	7.93	1.405	26.4
3/6/99	22:00:00	52.12	326.1	10.34	7.92	1.407	22.8
3/6/99	22:15:00	52.03	327.9	10.33	7.9	1.405	26.8
3/6/99	22:30:00	51.98	328.1	10.29	7.88	1.407	26.9
3/6/99	22:45:00	51.91	327.1	10.24	7.88	1.405	25.6
3/6/99	23:00:00	51.84	327.4	10.22	7.86	1.404	25.8
3/6/99	23:15:00	51.73	326.6	10.23	7.87	1.397	24.7
3/6/99	23:30:00	51.67	326.8	10.2	7.86	1.397	24.8
3/6/99	23:45:00	51.57	330.1	10.19	7.84	1.393	26.7



3/7/99	0:00:00	51.51	326.2	10.16	7.84	1.394	23.2
3/7/99	0:15:00	51.46	329.2	10.15	7.83	1.396	26
3/7/99	0:30:00	51.39	326.8	10.18	7.84	1.393	23
3/7/99	0:45:00	51.28	327.3	10.19	7.84	1.393	24.7
3/7/99	1:00:00	51.21	326.3	10.17	7.83	1.393	24.4
3/7/99	1:15:00	51.13	326.7	10.17	7.82	1.39	24
3/7/99	1:30:00	51.06	328.4	10.13	7.81	1.385	22.8
3/7/99	1:45:00	50.99	327.3	10.14	7.8	1.382	23.4
3/7/99	2:00:00	50.86	328	10.15	7.81	1.378	24.2
3/7/99	2:15:00	50.81	326.8	10.18	7.81	1.376	24.4
3/7/99	2:30:00	50.74	328.6	10.18	7.8	1.372	24.4
3/7/99	2:45:00	50.65	329	10.17	7.8	1.365	24.5
3/7/99	3:00:00	50.52	325.4	10.18	7.8	1.354	21.4
3/7/99	3:15:00	50.47	328.5	10.18	7.79	1.355	22.6
3/7/99	3:30:00	50.36	330.4	10.19	7.79	1.356	25.7
3/7/99	3:45:00	50.29	329.4	10.18	7.79	1.353	25.6
3/7/99	4:00:00	50.2	329.8	10.2	7.79	1.348	25
3/7/99	4:15:00	50.07	330.4	10.21	7.79	1.347	25.3
3/7/99	4:30:00	49.96	332.3	10.22	7.77	1.344	26
3/7/99	4:45:00	49.87	328.6	10.23	7.78	1.343	24.1
3/7/99	5:00:00	49.78	329	10.28	7.79	1.347	22.7
3/7/99	5:15:00	49.71	329.4	10.26	7.79	1.35	24.4
3/7/99	5:30:00	49.57	331.5	10.25	7.77	1.354	26
3/7/99	5:45:00	49.48	330.5	10.28	7.77	1.351	25.4
3/7/99	6:00:00	49.44	330.7	10.27	7.75	1.36	27.1
3/7/99	6:15:00	49.35	328.3	10.34	7.79	1.361	24.5
3/7/99	6:30:00	49.3	331.4	10.31	7.78	1.364	25.2
3/7/99	6:45:00	49.19	330.5	10.32	7.78	1.365	26.4
3/7/99	7:00:00	49.14	330.8	10.36	7.78	1.362	26.3
3/7/99	7:15:00	49.06	331.2	10.37	7.78	1.367	25.7
3/7/99	7:30:00	49.03	331.3	10.41	7.78	1.37	26.1
3/7/99	7:45:00	49.05	329.8	10.44	7.77	1.371	25.2
3/7/99	8:00:00	49.01	331.4	10.48	7.78	1.37	23.9
3/7/99	8:15:00	49.05	332.7	10.51	7.78	1.372	27
3/7/99	8:30:00	49.05	331.3	10.56	7.78	1.374	23.6
3/7/99	8:45:00	49.08	332.5	10.63	7.79	1.374	25.8
3/7/99	9:00:00	49.21	330.5	10.72	7.81	1.375	25
3/7/99	9:15:00	49.3	332.8	10.82	7.81	1.378	25.9
3/7/99	9:30:00	49.46	330.6	10.92	7.82	1.379	24.7
3/7/99	9:45:00	49.68	329.5	11.03	7.84	1.377	22.8
3/7/99	10:00:00	49.95	328.2	11.18	7.87	1.375	24.6
3/7/99	10:15:00	50.18	331.3	11.3	7.87	1.371	25.8
3/7/99	10:30:00	50.49	332.6	11.39	7.88	1.372	27.2
3/7/99	10:45:00	50.81	329.6	11.49	7.9	1.37	23.8
3/7/99	11:00:00	51.19	330.5	11.66	7.92	1.365	25.3
3/7/99	11:15:00	51.55	332.9	11.75	7.95	1.363	24.1
3/7/99	11:30:00	51.98	329.5	11.87	7.96	1.355	23.3
3/7/99	11:45:00	52.36	333.1	12	7.99	1.357	27
3/7/99	12:00:00	52.74	332.6	12.05	8	1.351	26.9

3/7/99	12:15:00	53.17	331.9	12.16	8.04	1.342	24.9
3/7/99	12:30:00	53.62	331.2	12.25	8.06	1.339	24
3/7/99	12:45:00	54.03	330.6	12.29	8.1	1.33	24
3/7/99	13:00:00	54.45	331.3	12.36	8.12	1.317	24.5
3/7/99	13:15:00	54.81	332.2	12.43	8.15	1.313	25.3
3/7/99	13:30:00	55.18	329.2	12.45	8.18	1.308	22.9
3/7/99	13:45:00	55.42	329.4	12.48	8.2	1.306	24.1
3/7/99	14:00:00	55.72	330.6	12.54	8.23	1.302	23
3/7/99	14:15:00	56.05	330.5	12.55	8.24	1.298	24.2
3/7/99	14:30:00	56.28	330.7	12.57	8.26	1.298	26.8
3/7/99	14:45:00	56.44	332.5	12.6	8.27	1.299	29.7
3/7/99	15:00:00	56.62	334.3	12.59	8.28	1.302	32
3/7/99	15:15:00	56.77	333.6	12.56	8.29	1.307	33.8
3/7/99	15:30:00	56.82	333.4	12.54	8.31	1.301	34.3
3/7/99	15:45:00	56.91	334.2	12.51	8.31	1.298	35.7
3/7/99	16:00:00	56.89	333.1	12.45	8.33	1.29	32.7
3/7/99	16:15:00	56.89	334.3	12.41	8.32	1.291	36.8
3/7/99	16:30:00	56.77	332.4	12.38	8.35	1.292	31.8
3/7/99	16:45:00	56.7	332.7	12.3	8.35	1.292	37.3
3/7/99	17:00:00	56.61	334.4	12.23	8.33	1.297	35.1
3/7/99	17:15:00	56.41	335.3	12.16	8.34	1.299	39.4
3/7/99	17:30:00	56.17	333.8	12.06	8.34	1.3	36.5
3/7/99	17:45:00	56.01	334.5	12	8.34	1.302	40.9
3/7/99	18:00:00	55.65	333.6	11.94	8.34	1.309	37.4
3/7/99	18:15:00	55.36	336.2	11.87	8.33	1.305	38.8
3/7/99	18:30:00	55.09	334.8	11.79	8.32	1.308	39.4
3/7/99	18:45:00	54.81	336.2	11.68	8.31	1.317	39.3
3/7/99	19:00:00	54.45	332.6	11.56	8.3	1.321	30.3
3/7/99	19:15:00	54.21	335	11.45	8.26	1.323	34.1
3/7/99	19:30:00	54.25	338.8	11.32	8.23	1.33	36
3/7/99	19:45:00	53.96	337.5	11.21	8.2	1.336	30.9
3/7/99	20:00:00	53.65	340.3	11.06	8.18	1.342	30.7
3/7/99	20:15:00	53.42	341.4	10.91	8.13	1.337	31
3/7/99	20:30:00	53.17	338.6	10.78	8.11	1.339	27.5
3/7/99	20:45:00	52.99	338.2	10.7	8.08	1.34	28.9
3/7/99	21:00:00	52.84	340.2	10.58	8.06	1.334	28.1
3/7/99	21:15:00	52.72	342.2	10.5	8.02	1.331	30.1
3/7/99	21:30:00	52.48	339.3	10.42	8	1.339	27.3
3/7/99	21:45:00	52.41	341	10.36	7.98	1.345	29.2
3/7/99	22:00:00	52.29	338.9	10.3	7.97	1.345	25.3
3/7/99	22:15:00	52.2	340.7	10.28	7.96	1.336	27.7
3/7/99	22:30:00	52.11	342.5	10.24	7.93	1.323	28.4
3/7/99	22:45:00	52.05	341.4	10.19	7.92	1.322	28.1
3/7/99	23:00:00	51.98	343.1	10.17	7.9	1.334	29.4
3/7/99	23:15:00	51.89	340.8	10.15	7.9	1.33	26.9
3/7/99	23:30:00	51.82	342.5	10.13	7.89	1.327	25.6
3/7/99	23:45:00	51.71	339	10.11	7.89	1.325	25.2
3/8/99	0:00:00	51.67	343.2	10.14	7.88	1.317	26.9
3/8/99	0:15:00	51.66	343.3	10.1	7.87	1.318	24.9

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5201099

3/8/99	0:30:00	51.62	339.4	10.1	7.87	1.318	24.2
3/8/99	0:45:00	51.58	339.6	10.04	7.85	1.32	24
3/8/99	1:00:00	51.55	342.5	10.08	7.85	1.317	24.8
3/8/99	1:15:00	51.53	342.6	10.09	7.85	1.321	24.5
3/8/99	1:30:00	51.48	342.9	10.05	7.84	1.313	24.6
3/8/99	1:45:00	51.46	341.6	10.08	7.84	1.308	23.1
3/8/99	2:00:00	51.42	340.4	10.06	7.84	1.307	21.8
3/8/99	2:15:00	51.4	344.6	10.04	7.81	1.316	29.5
3/8/99	2:30:00	51.4	341.8	10.05	7.83	1.307	23.7
3/8/99	2:45:00	51.39	346.1	10.03	7.81	1.292	27.3
3/8/99	3:00:00	51.37	344.8	10	7.81	1.297	23.4
3/8/99	3:15:00	51.33	342.2	10.06	7.82	1.292	20.5
3/8/99	3:30:00	51.3	342.4	10.02	7.81	1.28	24.4
3/8/99	3:45:00	51.28	343.9	10.02	7.81	1.27	23.6
3/8/99	4:00:00	51.22	342.7	10.02	7.81	1.259	22.7
3/8/99	4:15:00	51.19	344.3	10.05	7.82	1.258	23.7
3/8/99	4:30:00	51.15	345.9	10.03	7.81	1.262	23.4
3/8/99	4:45:00	51.08	344.8	10.11	7.82	1.255	19.9
3/8/99	5:00:00	51.04	345	10.09	7.81	1.243	25.1
3/8/99	5:15:00	51.03	347.9	10.07	7.79	1.25	26.1
3/8/99	5:30:00	50.97	348.2	10.08	7.8	1.242	24.3
3/8/99	5:45:00	50.92	347	10.1	7.8	1.229	23.4
3/8/99	6:00:00	50.86	345.9	10.08	7.8	1.242	24.8
3/8/99	6:15:00	50.85	348.8	10.06	7.8	1.239	23.8
3/8/99	6:30:00	50.79	346.3	10.07	7.8	1.236	23
3/8/99	6:45:00	50.76	346.5	10.14	7.8	1.238	23.3
3/8/99	7:00:00	50.76	349.3	10.09	7.79	1.241	25.7
3/8/99	7:15:00	50.7	346.8	10.1	7.8	1.242	23.2
3/8/99	7:30:00	50.68	349.6	10.14	7.79	1.24	25.6
3/8/99	7:45:00	50.67	346.9	10.15	7.79	1.23	23.6
3/8/99	8:00:00	50.65	347	10.21	7.8	1.228	24.2
3/8/99	8:15:00	50.67	346.9	10.2	7.8	1.227	24.4
3/8/99	8:30:00	50.65	344.3	10.22	7.81	1.23	24.1
3/8/99	8:45:00	50.67	346.9	10.25	7.8	1.234	25.6
3/8/99	9:00:00	50.65	344.3	10.3	7.81	1.227	26
3/8/99	9:15:00	50.67	346.9	10.35	7.81	1.233	27.9
3/8/99	9:30:00	50.67	344.2	10.39	7.8	1.24	25.7
3/8/99	9:45:00	50.67	342.8	10.44	7.82	1.25	23.8
3/8/99	10:00:00	50.7	344	10.49	7.82	1.264	26.4
3/8/99	10:15:00	50.7	345.4	10.57	7.83	1.264	26.5
3/8/99	10:30:00	50.72	342.5	10.66	7.84	1.277	27
3/8/99	10:45:00	50.72	342.5	10.71	7.85	1.307	25.5
3/8/99	11:00:00	50.72	335.6	10.81	7.86	1.346	24.2
3/8/99	11:15:00	50.74	338.3	10.89	7.86	1.403	26.5
3/8/99	11:30:00	50.72	327.3	10.99	7.87	1.442	24.4
3/8/99	11:45:00	50.76	322.9	11.04	7.88	1.481	26.1
3/8/99	12:00:00	50.86	319.6	11.04	7.87	1.516	30
3/8/99	12:15:00	51.01	319	11.02	7.85	1.554	36.4
3/8/99	12:30:00	51.12	314.3	10.93	7.82	1.637	41.1

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5201099

3/8/99	12:45:00	51.22	295.9	10.86	7.79	1.764	52.5
3/8/99	13:00:00	51.3	264	10.8	7.76	1.919	65.8
3/8/99	13:15:00	51.28	229.7	10.75	7.71	2.065	81
3/8/99	13:30:00	51.28	200.8	10.69	7.65	2.133	156.1
3/8/99	13:45:00	51.3	178.8	10.62	7.6	2.129	100.5
3/8/99	14:00:00	51.31	165	10.57	7.57	2.114	95
3/8/99	14:15:00	51.28	156.8	10.55	7.54	2.089	90.7
3/8/99	14:30:00	51.24	154.1	10.54	7.53	2.074	91.4
3/8/99	14:45:00	51.22	154.2	10.53	7.52	2.116	87
3/8/99	15:00:00	51.17	155.7	10.52	7.52	2.136	85.3
3/8/99	15:15:00	51.19	158.4	10.53	7.51	2.182	84.6
3/8/99	15:30:00	51.22	159.7	10.53	7.51	2.228	88
3/8/99	15:45:00	51.33	160.8	10.51	7.51	2.283	93.2
3/8/99	16:00:00	51.46	159.1	10.51	7.5	2.383	103.3
3/8/99	16:15:00	51.57	157.5	10.5	7.49	2.477	112.6
3/8/99	16:30:00	51.71	154.4	10.51	7.47	2.589	119.1
3/8/99	16:45:00	51.8	148.8	10.51	7.46	2.699	125.2
3/8/99	17:00:00	51.84	141.9	10.5	7.48	2.973	128.2
3/8/99	17:15:00	51.85	135	10.48	7.46	2.992	128.2
3/8/99	17:30:00	51.8	129.7	10.46	7.45	3.003	132.4
3/8/99	17:45:00	51.73	127.1	10.46	7.44	3.056	137.5
3/8/99	18:00:00	51.67	125.8	10.47	7.43	3.109	136.2
3/8/99	18:15:00	51.53	130.2	10.49	7.44	3.148	143
3/8/99	18:30:00	51.35	136	10.51	7.46	3.141	149.6
3/8/99	18:45:00	51.21	141.8	10.53	7.48	3.103	156.2
3/8/99	19:00:00	51.06	143.5	10.55	7.49	3.035	167.4
3/8/99	19:15:00	50.95	142.3	10.54	7.49	2.952	179.3
3/8/99	19:30:00	50.86	142.5	10.53	7.5	2.877	201.5
3/8/99	19:45:00	50.77	142.7	10.52	7.5	2.796	209.9
3/8/99	20:00:00	50.7	144.3	10.52	7.49	2.732	214.6
3/8/99	20:15:00	50.65	145.8	10.52	7.49	2.68	226.3
3/8/99	20:30:00	50.59	148.7	10.51	7.49	2.645	234.6
3/8/99	20:45:00	50.56	151.5	10.5	7.49	2.627	243.5
3/8/99	21:00:00	50.52	154.4	10.5	7.49	2.622	244.3
3/8/99	21:15:00	50.5	157.2	10.49	7.51	2.604	247.6
3/8/99	21:30:00	50.49	161.4	10.49	7.5	2.593	234.8
3/8/99	21:45:00	50.49	162.8	10.49	7.5	2.597	223.6
3/8/99	22:00:00	50.43	165.7	10.5	7.51	2.598	215.7
3/8/99	22:15:00	50.43	169.9	10.5	7.51	2.598	213.5
3/8/99	22:30:00	50.38	172.8	10.51	7.53	2.601	221.6
3/8/99	22:45:00	50.31	175.8	10.52	7.53	2.618	216.8
3/8/99	23:00:00	50.23	178.8	10.54	7.55	2.617	204.2
3/8/99	23:15:00	50.18	181.7	10.54	7.55	2.637	195.8
3/8/99	23:30:00	50.16	184.6	10.54	7.55	2.661	178.8
3/8/99	23:45:00	50.13	186.1	10.55	7.55	2.677	170.1
3/9/99	0:00:00	50.11	186.1	10.55	7.55	2.737	159.6
3/9/99	0:15:00	50.07	186.2	10.56	7.54	2.807	149.1
3/9/99	0:30:00	50.07	186.2	10.56	7.53	2.836	145.8
3/9/99	0:45:00	50.09	186.2	10.54	7.53	2.86	139.7

3/9/99	1:00:00	50.11	184.7	10.52	7.51	2.876	139.6
3/9/99	1:15:00	50.07	182	10.51	7.49	2.899	138
3/9/99	1:30:00	50	178	10.53	7.49	2.909	140.6
3/9/99	1:45:00	49.89	174.1	10.53	7.48	2.934	140.3
3/9/99	2:00:00	49.77	170.2	10.56	7.47	2.959	150.2
3/9/99	2:15:00	49.66	167.6	10.59	7.46	2.975	153.4
3/9/99	2:30:00	49.59	167.8	10.6	7.47	2.997	156.6
3/9/99	2:45:00	49.51	168	10.63	7.47	3.021	149.6
3/9/99	3:00:00	49.44	166.8	10.64	7.47	3.041	142.8
3/9/99	3:15:00	49.33	165.6	10.67	7.48	3.052	142.5
3/9/99	3:30:00	49.23	164.5	10.68	7.48	3.06	140.3
3/9/99	3:45:00	49.12	163.3	10.7	7.48	3.074	146.1
3/9/99	4:00:00	48.99	163.6	10.74	7.48	3.072	143.7
3/9/99	4:15:00	48.92	162.4	10.75	7.49	3.088	142.2
3/9/99	4:30:00	48.83	162.6	10.76	7.48	3.107	141.3
3/9/99	4:45:00	48.74	162.8	10.78	7.49	3.126	138.4
3/9/99	5:00:00	48.67	163	10.79	7.49	3.128	138.1
3/9/99	5:15:00	48.58	164.7	10.82	7.5	3.14	137
3/9/99	5:30:00	48.51	164.8	10.83	7.5	3.152	140
3/9/99	5:45:00	48.45	166.4	10.84	7.51	3.182	137.4
3/9/99	6:00:00	48.38	168	10.85	7.51	3.171	135.6
3/9/99	6:15:00	48.31	169.7	10.87	7.51	3.185	134.8
3/9/99	6:30:00	48.25	171.2	10.88	7.51	3.189	136.1
3/9/99	6:45:00	48.2	172.8	10.88	7.52	3.188	131.9
3/9/99	7:00:00	48.13	174.4	10.9	7.53	3.184	134.9
3/9/99	7:15:00	48.07	176	10.9	7.53	3.196	132.2
3/9/99	7:30:00	48.04	179	10.91	7.54	3.208	134.6
3/9/99	7:45:00	48	180.6	10.91	7.55	3.2	133.2
3/9/99	8:00:00	47.98	183.5	10.92	7.55	3.207	134.1
3/9/99	8:15:00	48.02	184.8	10.91	7.55	3.209	133.1
3/9/99	8:30:00	48.07	186.1	10.91	7.55	3.22	132.7
3/9/99	8:45:00	48.15	188.8	10.92	7.56	3.22	127.3
3/9/99	9:00:00	48.24	188.5	10.94	7.55	3.225	127.8
3/9/99	9:15:00	48.36	189.6	10.94	7.56	3.227	127.5
3/9/99	9:30:00	48.34	183.9	11.07	7.57	3.223	120.2
3/9/99	9:45:00	48.49	183.5	11.1	7.58	3.218	115.2
3/9/99	10:00:00	48.67	184.5	11.12	7.59	3.227	115
3/9/99	10:15:00	48.87	185.3	11.14	7.59	3.233	111.6
3/9/99	10:30:00	49.05	186.2	11.16	7.6	3.227	111.8
3/9/99	10:45:00	49.3	187	11.18	7.6	3.23	108.2
3/9/99	11:00:00	49.57	189	11.21	7.61	3.233	106.7
3/9/99	11:15:00	49.87	189.6	11.23	7.62	3.24	107.7
3/9/99	11:30:00	50.22	191.4	11.25	7.63	3.243	103.7
3/9/99	11:45:00	50.52	191.9	11.28	7.64	3.245	100
3/9/99	12:00:00	50.79	193.9	11.3	7.65	3.25	97.7
3/9/99	12:15:00	50.92	195	11.32	7.66	3.254	99.2
3/9/99	12:30:00	51.08	195.9	11.33	7.67	3.243	96.5
3/9/99	12:45:00	51.01	197.5	11.34	7.68	3.243	94.1
3/9/99	13:00:00	50.9	199.2	11.34	7.68	3.245	92.8

3/9/99	13:15:00	50.86	199.3	11.35	7.69	3.242	88.2
3/9/99	13:30:00	50.95	200.4	11.35	7.7	3.24	88.4
3/9/99	13:45:00	51.06	200.1	11.38	7.71	3.235	86.4
3/9/99	14:00:00	51.13	199.9	11.39	7.72	3.238	85.4
3/9/99	14:15:00	51.15	199.8	11.38	7.73	3.234	81.3
3/9/99	14:30:00	51.26	200.9	11.38	7.73	3.23	83.1
3/9/99	14:45:00	51.42	201.8	11.39	7.74	3.23	82.3
3/9/99	15:00:00	51.48	203	11.38	7.74	3.226	78.7
3/9/99	15:15:00	51.46	203	11.37	7.75	3.225	78.5
3/9/99	15:30:00	51.57	204.1	11.36	7.76	3.225	77.6
3/9/99	15:45:00	51.76	204.9	11.37	7.77	3.227	76.7
3/9/99	16:00:00	51.94	205.7	11.36	7.78	3.223	75.7
3/9/99	16:15:00	52.05	206.7	11.36	7.79	3.219	76.1
3/9/99	16:30:00	52.05	208.1	11.33	7.79	3.221	75.7
3/9/99	16:45:00	52.03	209.5	11.29	7.79	3.22	74.3
3/9/99	17:00:00	52.12	216	11.11	7.76	3.23	74.1
3/9/99	17:15:00	52.25	225.1	10.91	7.7	3.217	74.3
3/9/99	17:30:00	52.2	228	10.92	7.72	3.218	76.4
3/9/99	17:45:00	52.07	228.4	10.92	7.72	3.214	77.6
3/9/99	18:00:00	51.94	228.8	10.88	7.72	3.218	75.1
3/9/99	18:15:00	51.82	226.5	10.86	7.73	3.217	73.4
3/9/99	18:30:00	51.73	230.9	10.81	7.72	3.212	76.7
3/9/99	18:45:00	51.6	231.3	10.76	7.71	3.208	72.2
3/9/99	19:00:00	51.46	231.8	10.73	7.71	3.212	74.1
3/9/99	19:15:00	51.35	232.2	10.69	7.7	3.21	71.7
3/9/99	19:30:00	51.24	233.9	10.63	7.7	3.212	69.7
3/9/99	19:45:00	51.13	234.3	10.6	7.69	3.216	71.5
3/9/99	20:00:00	51.06	235.9	10.56	7.68	3.209	72.4
3/9/99	20:15:00	50.95	236.3	10.53	7.68	3.208	65.9
3/9/99	20:30:00	50.9	237.9	10.49	7.68	3.202	69.2
3/9/99	20:45:00	50.81	238.2	10.47	7.67	3.199	66.9
3/9/99	21:00:00	50.72	238.5	10.46	7.67	3.202	67.9
3/9/99	21:15:00	50.63	238.8	10.46	7.66	3.201	68.8
3/9/99	21:30:00	50.56	239.1	10.44	7.66	3.197	68.6
3/9/99	21:45:00	50.5	240.7	10.43	7.66	3.192	64.3
3/9/99	22:00:00	50.43	240.9	10.42	7.66	3.187	66.9
3/9/99	22:15:00	50.36	241.2	10.42	7.66	3.185	64.1
3/9/99	22:30:00	50.32	242.7	10.41	7.66	3.181	65.3
3/9/99	22:45:00	50.25	243	10.41	7.65	3.178	64.6
3/9/99	23:00:00	50.18	243.2	10.42	7.65	3.161	62.4
3/9/99	23:15:00	50.11	243.5	10.42	7.65	3.166	62.4
3/9/99	23:30:00	50.02	243.8	10.43	7.65	3.162	63.2
3/9/99	23:45:00	49.98	245.3	10.43	7.65	3.161	62.2
3/10/99	0:00:00	49.93	246.9	10.43	7.64	3.162	62.9
3/10/99	0:15:00	49.84	247.3	10.45	7.65	3.139	59.7
3/10/99	0:30:00	49.8	248.8	10.44	7.64	3.138	58.3
3/10/99	0:45:00	49.75	249	10.45	7.65	3.135	56.5
3/10/99	1:00:00	49.68	249.3	10.45	7.65	3.13	59.8
3/10/99	1:15:00	49.57	249.7	10.47	7.64	3.119	58.7

3/10/99	1:30:00	49.51	249.9	10.48	7.65	3.114	57.6
3/10/99	1:45:00	49.46	250.1	10.47	7.64	3.105	57
3/10/99	2:00:00	49.41	251.7	10.48	7.64	3.1	59.1
3/10/99	2:15:00	49.35	251.9	10.49	7.64	3.094	56.7
3/10/99	2:30:00	49.3	252.1	10.5	7.64	3.084	55.8
3/10/99	2:45:00	49.23	253.8	10.52	7.64	3.072	56.2
3/10/99	3:00:00	49.17	254	10.51	7.64	3.066	57.5
3/10/99	3:15:00	49.12	254.2	10.52	7.64	3.063	57.2
3/10/99	3:30:00	49.06	254.4	10.53	7.64	3.051	55.8
3/10/99	3:45:00	49.01	256	10.55	7.64	3.048	55.9
3/10/99	4:00:00	48.92	255	10.56	7.64	3.041	54.5
3/10/99	4:15:00	48.88	256.5	10.57	7.64	3.042	54.3
3/10/99	4:30:00	48.83	256.7	10.57	7.64	3.031	51.7
3/10/99	4:45:00	48.81	258.2	10.56	7.64	3.019	53.1
3/10/99	5:00:00	48.76	258.5	10.58	7.64	3.014	54.8
3/10/99	5:15:00	48.69	258.7	10.59	7.64	3.008	53.3
3/10/99	5:30:00	48.67	258.8	10.6	7.64	3.002	49.5
3/10/99	5:45:00	48.61	260.4	10.6	7.64	3.002	51.7
3/10/99	6:00:00	48.54	260.7	10.61	7.64	2.992	50.3
3/10/99	6:15:00	48.49	260.9	10.62	7.64	2.989	50.1
3/10/99	6:30:00	48.45	262.5	10.61	7.64	2.973	50.9
3/10/99	6:45:00	48.4	262.7	10.62	7.64	2.969	51.3
3/10/99	7:00:00	48.33	263	10.64	7.64	2.962	48.4
3/10/99	7:15:00	48.29	263.2	10.66	7.64	2.956	50.4
3/10/99	7:30:00	48.25	264.8	10.68	7.64	2.945	49.2
3/10/99	7:45:00	48.2	263.5	10.71	7.64	2.944	49.3
3/10/99	8:00:00	48.15	263.8	10.74	7.65	2.943	48.3
3/10/99	8:15:00	48.16	265.1	10.76	7.65	2.964	48.7
3/10/99	8:30:00	48.2	265	10.79	7.65	2.943	46.9
3/10/99	8:45:00	48.24	266.3	10.84	7.66	2.948	46.8
3/10/99	9:00:00	48.29	267.5	10.9	7.66	2.935	46.9
3/10/99	9:15:00	48.36	267.2	10.97	7.67	2.927	47.3
3/10/99	9:30:00	48.47	268.2	11.05	7.68	2.915	46.9
3/10/99	9:45:00	48.45	264	11.2	7.71	2.908	38.6
3/10/99	10:00:00	48.4	257	11.43	7.75	2.918	37.1
3/10/99	10:15:00	48.51	255.1	11.59	7.79	2.902	34.3
3/10/99	10:30:00	48.72	254.3	11.71	7.81	2.892	34.5
3/10/99	10:45:00	48.94	254.9	11.83	7.84	2.871	33.5
3/10/99	11:00:00	49.21	253.9	11.97	7.86	2.862	32.5
3/10/99	11:15:00	49.53	254	12.11	7.89	2.849	31.2
3/10/99	11:30:00	49.86	255.6	12.23	7.92	2.839	30.8
3/10/99	11:45:00	50.18	254.4	12.35	7.95	2.827	30.3
3/10/99	12:00:00	50.5	254.6	12.45	7.97	2.812	30.7
3/10/99	12:15:00	50.79	254.9	12.54	8	2.8	30.2
3/10/99	12:30:00	51.12	255.1	12.62	8.03	2.789	29.1
3/10/99	12:45:00	51.31	255.7	12.64	8.05	2.775	28.9
3/10/99	13:00:00	51.49	256.4	12.68	8.07	2.758	28.4
3/10/99	13:15:00	51.84	256.5	12.77	8.1	2.747	29.7
3/10/99	13:30:00	52.05	257	12.81	8.12	2.728	26.9

3/10/99	13:45:00	52.25	257.7	12.84	8.14	2.722	28.1
3/10/99	14:00:00	52.43	257	12.87	8.16	2.72	28.4
3/10/99	14:15:00	52.56	257.9	12.86	8.18	2.706	28.1
3/10/99	14:30:00	52.65	257.6	12.86	8.19	2.699	27.3
3/10/99	14:45:00	52.75	258.5	12.86	8.2	2.69	27.4
3/10/99	15:00:00	52.92	257.9	12.85	8.22	2.675	26.6
3/10/99	15:15:00	53.02	258.9	12.84	8.23	2.67	28.3
3/10/99	15:30:00	53.1	262.6	12.72	8.2	2.649	28
3/10/99	15:45:00	53.38	274.9	12.31	8.08	2.644	32.4
3/10/99	16:00:00	53.46	277.3	12.33	8.11	2.631	37.4
3/10/99	16:15:00	53.44	278.7	12.32	8.11	2.635	40.6
3/10/99	16:30:00	53.37	279	12.28	8.11	2.622	39
3/10/99	16:45:00	53.29	279.2	12.22	8.11	2.616	41.4
3/10/99	17:00:00	53.19	278.3	12.17	8.11	2.609	38.9
3/10/99	17:15:00	53.11	278.6	12.09	8.1	2.601	42.2
3/10/99	17:30:00	53.04	278.9	11.98	8.09	2.59	43.1
3/10/99	17:45:00	52.95	280.6	11.87	8.08	2.573	43.9
3/10/99	18:00:00	52.84	279.7	11.74	8.06	2.558	43.3
3/10/99	18:15:00	52.74	280.1	11.63	8.05	2.558	41.6
3/10/99	18:30:00	52.63	280.6	11.49	8.02	2.547	42.2
3/10/99	18:45:00	52.5	281.1	11.35	8	2.539	42.2
3/10/99	19:00:00	52.39	281.5	11.21	7.97	2.519	45.1
3/10/99	19:15:00	52.27	283.4	11.06	7.94	2.513	42.1
3/10/99	19:30:00	52.16	282.4	10.94	7.92	2.505	40.9
3/10/99	19:45:00	52.05	282.9	10.81	7.9	2.503	41.8
3/10/99	20:00:00	51.98	284.5	10.7	7.88	2.51	41.3
3/10/99	20:15:00	51.91	283.5	10.59	7.85	2.497	41.8
3/10/99	20:30:00	51.82	283.8	10.51	7.83	2.479	43.4
3/10/99	20:45:00	51.75	284.1	10.43	7.82	2.478	43
3/10/99	21:00:00	51.67	284.4	10.37	7.8	2.45	42.3
3/10/99	21:15:00	51.58	284.8	10.33	7.79	2.447	40.8
3/10/99	21:30:00	51.53	285	10.28	7.78	2.438	38.4
3/10/99	21:45:00	51.44	285.4	10.25	7.77	2.436	35.3
3/10/99	22:00:00	51.39	285.6	10.21	7.76	2.425	38.4
3/10/99	22:15:00	51.3	286	10.2	7.75	2.42	35
3/10/99	22:30:00	51.24	286.2	10.19	7.75	2.431	36.6
3/10/99	22:45:00	51.21	286.4	10.16	7.74	2.414	36.3
3/10/99	23:00:00	51.17	286.5	10.15	7.73	2.407	35.2
3/10/99	23:15:00	51.13	286.7	10.12	7.73	2.399	33.4
3/10/99	23:30:00	51.1	286.8	10.12	7.72	2.402	36.1
3/10/99	23:45:00	51.06	288.4	10.11	7.72	2.394	35.7
3/11/99	0:00:00	51.03	288.5	10.11	7.71	2.388	36.1
3/11/99	0:15:00	50.99	288.7	10.1	7.71	2.388	35.5
3/11/99	0:30:00	50.97	288.7	10.08	7.7	2.379	34.7
3/11/99	0:45:00	50.94	288.9	10.1	7.7	2.38	34.4
3/11/99	1:00:00	50.92	289	10.09	7.7	2.375	35.5
3/11/99	1:15:00	50.88	289.1	10.09	7.7	2.373	36
3/11/99	1:30:00	50.83	289.4	10.09	7.7	2.36	32.8
3/11/99	1:45:00	50.81	289.4	10.08	7.7	2.35	37.6



3/11/99	2:00:00	50.77	289.6	10.08	7.7	2.351	36.4
3/11/99	2:15:00	50.76	289.7	10.1	7.69	2.342	35.2
3/11/99	2:30:00	50.7	289.9	10.09	7.7	2.335	32.7
3/11/99	2:45:00	50.65	290.1	10.09	7.7	2.362	33.3
3/11/99	3:00:00	50.61	290.3	10.08	7.69	2.363	33.9
3/11/99	3:15:00	50.56	290.5	10.1	7.69	2.341	33.6
3/11/99	3:30:00	50.49	290.8	10.09	7.69	2.334	34.6
3/11/99	3:45:00	50.41	291.1	10.1	7.69	2.333	36
3/11/99	4:00:00	50.34	291.4	10.11	7.69	2.336	34.3
3/11/99	4:15:00	50.27	291.8	10.12	7.69	2.331	34.8
3/11/99	4:30:00	50.2	292.1	10.12	7.69	2.329	35.2
3/11/99	4:45:00	50.11	292.5	10.13	7.69	2.325	34.2
3/11/99	5:00:00	50.04	291.4	10.14	7.69	2.325	33.7
3/11/99	5:15:00	49.95	291.8	10.15	7.69	2.326	34.2
3/11/99	5:30:00	49.87	292.1	10.16	7.69	2.329	36.1
3/11/99	5:45:00	49.8	292.4	10.17	7.69	2.333	34.3
3/11/99	6:00:00	49.71	292.8	10.18	7.68	2.332	36.6
3/11/99	6:15:00	49.62	293.2	10.19	7.68	2.33	35.2
3/11/99	6:30:00	49.55	293.5	10.2	7.68	2.334	33.9
3/11/99	6:45:00	49.48	293.8	10.21	7.68	2.34	33.6
3/11/99	7:00:00	49.39	294.2	10.26	7.69	2.344	33.6
3/11/99	7:15:00	49.35	294.4	10.26	7.68	2.343	31.7
3/11/99	7:30:00	49.3	294.6	10.29	7.69	2.346	34.6
3/11/99	7:45:00	49.24	294.8	10.32	7.69	2.343	34.8
3/11/99	8:00:00	49.21	295	10.37	7.69	2.346	33.5
3/11/99	8:15:00	49.23	294.9	10.43	7.7	2.348	30.8
3/11/99	8:30:00	49.24	294.8	10.51	7.7	2.357	34
3/11/99	8:45:00	49.3	294.6	10.6	7.71	2.361	33.5
3/11/99	9:00:00	49.39	294.2	10.72	7.73	2.349	33.9
3/11/99	9:15:00	49.51	295.1	10.85	7.74	2.35	33.3
3/11/99	9:30:00	49.48	288.2	11.12	7.78	2.348	26.9
3/11/99	9:45:00	49.48	281.1	11.43	7.84	2.342	20.9
3/11/99	10:00:00	49.68	278.8	11.64	7.88	2.331	19.8
3/11/99	10:15:00	49.95	279.1	11.84	7.91	2.327	19.6
3/11/99	10:30:00	50.25	279.3	12.03	7.94	2.331	19.7
3/11/99	10:45:00	50.58	279.3	12.21	7.98	2.325	18.4
3/11/99	11:00:00	50.95	279.2	12.4	8.02	2.325	17.9
3/11/99	11:15:00	51.28	277.8	12.56	8.06	2.325	17.8
3/11/99	11:30:00	51.62	277.8	12.68	8.09	2.322	18.5
3/11/99	11:45:00	52.02	279	12.83	8.12	2.309	17.4
3/11/99	12:00:00	52.41	278.7	12.94	8.15	2.307	26.3
3/11/99	12:15:00	52.79	278.6	13.06	8.19	2.301	19.8
3/11/99	12:30:00	53.13	278.5	13.15	8.22	2.299	18.9
3/11/99	12:45:00	53.49	278.5	13.23	8.25	2.294	18.9
3/11/99	13:00:00	53.78	278.7	13.32	8.28	2.283	18.3
3/11/99	13:15:00	54.07	278.9	13.4	8.31	2.273	16.8
3/11/99	13:30:00	54.41	278.8	13.45	8.34	2.267	18
3/11/99	13:45:00	54.68	279.1	13.51	8.36	2.264	17.4
3/11/99	14:00:00	54.97	279.3	13.55	8.39	2.257	16.7

3/11/99	14:15:00	55.18	279.8	13.59	8.42	2.257	17.2
3/11/99	14:30:00	55.4	278.9	13.6	8.44	2.252	16.1
3/11/99	14:45:00	55.58	279.5	13.6	8.45	2.248	17.5
3/11/99	15:00:00	55.74	280.2	13.6	8.47	2.242	17.4
3/11/99	15:15:00	55.94	284.6	13.41	8.44	2.248	17.4
3/11/99	15:30:00	56.35	300.9	12.93	8.32	2.243	21.1
3/11/99	15:45:00	56.53	302.7	13	8.34	2.242	29.1
3/11/99	16:00:00	56.59	301.2	13	8.36	2.24	28.3
3/11/99	16:15:00	56.55	301.4	12.95	8.36	2.237	30.3
3/11/99	16:30:00	56.52	300.3	12.89	8.37	2.233	30.2
3/11/99	16:45:00	56.44	301.8	12.78	8.37	2.234	33.5
3/11/99	17:00:00	56.34	301	12.7	8.36	2.229	33
3/11/99	17:15:00	56.21	301.5	12.59	8.36	2.225	34.3
3/11/99	17:30:00	56.07	302.1	12.48	8.35	2.224	33.4
3/11/99	17:45:00	55.89	301.6	12.35	8.33	2.224	34.1
3/11/99	18:00:00	55.72	302.2	12.22	8.32	2.229	35.6
3/11/99	18:15:00	55.51	303.1	12.07	8.3	2.23	31.7
3/11/99	18:30:00	55.31	302.7	11.92	8.28	2.236	33.3
3/11/99	18:45:00	55.08	303.6	11.75	8.26	2.235	30.4
3/11/99	19:00:00	54.86	303.2	11.57	8.22	2.235	32.3
3/11/99	19:15:00	54.61	303	11.39	8.19	2.236	32.8
3/11/99	19:30:00	54.37	304	11.19	8.15	2.24	35.3
3/11/99	19:45:00	54.16	304.9	11	8.11	2.239	33.2
3/11/99	20:00:00	53.91	304.7	10.8	8.06	2.246	34.2
3/11/99	20:15:00	53.71	305.5	10.65	8.02	2.248	33.9
3/11/99	20:30:00	53.51	305	10.51	7.98	2.243	33.5
3/11/99	20:45:00	53.35	305.7	10.39	7.95	2.245	31.5
3/11/99	21:00:00	53.19	306.4	10.29	7.92	2.241	33.7
3/11/99	21:15:00	53.02	307.1	10.22	7.9	2.246	34.3
3/11/99	21:30:00	52.92	306.3	10.16	7.87	2.25	30.1
3/11/99	21:45:00	52.75	307	10.1	7.85	2.239	35.6
3/11/99	22:00:00	52.61	307.6	10.05	7.84	2.236	32.7
3/11/99	22:15:00	52.48	306.8	10.04	7.82	2.239	30
3/11/99	22:30:00	52.34	307.5	10	7.81	2.247	30.3
3/11/99	22:45:00	52.25	307.8	9.99	7.8	2.253	31.2
3/11/99	23:00:00	52.14	307	9.96	7.79	2.247	30.6
3/11/99	23:15:00	52	307.6	9.96	7.79	2.244	31
3/11/99	23:30:00	51.93	307.9	9.94	7.78	2.25	30.6
3/11/99	23:45:00	51.8	308.5	9.92	7.77	2.245	31
3/12/99	0:00:00	51.69	307.6	9.94	7.76	2.239	30.1
3/12/99	0:15:00	51.6	309.4	9.93	7.75	2.242	30
3/12/99	0:30:00	51.53	309.7	9.93	7.75	2.236	31.1
3/12/99	0:45:00	51.42	308.8	9.94	7.74	2.229	32.6
3/12/99	1:00:00	51.35	309.1	9.94	7.73	2.236	32.5
3/12/99	1:15:00	51.24	309.6	9.94	7.73	2.232	32
3/12/99	1:30:00	51.15	310	9.94	7.73	2.229	29.8
3/12/99	1:45:00	51.06	310.4	9.96	7.73	2.205	32.8
3/12/99	2:00:00	51.01	310.7	9.95	7.72	2.195	28.7
3/12/99	2:15:00	50.92	309.7	9.96	7.72	2.185	28.8

3/12/99	2:30:00	50.81	310.2	9.99	7.71	2.185	30.4
3/12/99	2:45:00	50.76	310.5	9.98	7.71	2.177	32.3
3/12/99	3:00:00	50.67	310.9	10.01	7.71	2.176	30.5
3/12/99	3:15:00	50.58	311.3	10.02	7.71	2.172	30.4
3/12/99	3:30:00	50.5	311.6	10.02	7.71	2.162	29.1
3/12/99	3:45:00	50.45	311.9	10.02	7.7	2.16	28.8
3/12/99	4:00:00	50.36	312.3	10.05	7.7	2.161	29.3
3/12/99	4:15:00	50.29	311.2	10.06	7.7	2.163	29.4
3/12/99	4:30:00	50.18	311.7	10.08	7.71	2.164	29.5
3/12/99	4:45:00	50.11	312	10.08	7.7	2.158	30.1
3/12/99	5:00:00	50.02	312.5	10.1	7.7	2.159	32.2
3/12/99	5:15:00	49.95	312.8	10.1	7.7	2.159	33.9
3/12/99	5:30:00	49.89	315.9	10.12	7.7	2.176	31.2
3/12/99	5:45:00	49.8	313.5	10.14	7.7	2.176	33.7
3/12/99	6:00:00	49.75	319.3	10.13	7.7	2.172	30.9
3/12/99	6:15:00	49.69	312.6	10.15	7.7	2.174	32.7
3/12/99	6:30:00	49.6	317.2	10.16	7.7	2.173	34.9
3/12/99	6:45:00	49.55	314.6	10.18	7.7	2.175	32.7
3/12/99	7:00:00	49.5	313.5	10.21	7.7	2.179	36.5
3/12/99	7:15:00	49.46	313.7	10.22	7.7	2.183	35.8
3/12/99	7:30:00	49.42	315.2	10.28	7.7	2.181	35
3/12/99	7:45:00	49.41	313.9	10.34	7.71	2.183	32.7
3/12/99	8:00:00	49.37	312.7	10.42	7.72	2.173	32.3
3/12/99	8:15:00	49.37	312.7	10.47	7.72	2.182	37.1
3/12/99	8:30:00	49.41	316.7	10.56	7.73	2.176	32.6
3/12/99	8:45:00	49.44	316.6	10.69	7.74	2.176	34.6
3/12/99	9:00:00	49.55	316.1	10.83	7.75	2.17	36
3/12/99	9:15:00	49.68	315.5	11.03	7.77	2.173	35.2
3/12/99	9:30:00	49.87	315.9	11.25	7.79	2.146	29.7
3/12/99	9:45:00	50.04	318	11.48	7.82	2.152	29.4
3/12/99	10:00:00	50.04	312.4	11.8	7.87	2.141	23.6
3/12/99	10:15:00	50.04	306.8	12.19	7.94	2.132	17.2
3/12/99	10:30:00	50.29	300	12.46	8	2.116	13.7
3/12/99	10:45:00	50.63	297.1	12.75	8.05	2.109	12.7
3/12/99	11:00:00	50.99	297	12.98	8.09	2.099	12.8
3/12/99	11:15:00	51.39	295.2	13.23	8.14	2.089	12.5
3/12/99	11:30:00	51.82	296.1	13.38	8.19	2.085	14.7
3/12/99	11:45:00	52.25	295.6	13.58	8.24	2.075	12.2
3/12/99	12:00:00	52.66	295.2	13.75	8.28	2.066	12.4
3/12/99	12:15:00	53.08	298.9	13.9	8.33	2.053	12
3/12/99	12:30:00	53.49	294.4	14.03	8.36	2.037	11.3
3/12/99	12:45:00	53.83	295.7	14.16	8.4	2.034	11.4
3/12/99	13:00:00	54.21	294.1	14.23	8.43	2.031	11.6
3/12/99	13:15:00	54.52	295.5	14.36	8.46	2.021	11.4
3/12/99	13:30:00	54.9	299.2	14.41	8.5	2.014	11.2
3/12/99	13:45:00	55.18	296.7	14.53	8.53	2.005	10.6
3/12/99	14:00:00	55.54	299.1	14.6	8.56	1.998	11.2
3/12/99	14:15:00	55.8	295.5	14.64	8.59	1.995	10.8
3/12/99	14:30:00	56.03	295.8	14.68	8.61	1.989	11.5

3/12/99	14:45:00	56.28	296.1	14.69	8.64	1.989	11.7
3/12/99	15:00:00	56.44	294.2	14.68	8.66	1.982	11.3
3/12/99	15:15:00	56.62	297.3	14.7	8.66	1.976	12.6
3/12/99	15:30:00	56.73	298.1	14.67	8.67	1.969	12.1
3/12/99	15:45:00	56.84	297.7	14.6	8.68	1.963	10.8
3/12/99	16:00:00	56.88	297.5	14.56	8.68	1.961	10.6
3/12/99	16:15:00	56.88	296.3	14.49	8.68	1.971	10.8
3/12/99	16:30:00	56.86	298.9	14.36	8.68	1.963	10.9
3/12/99	16:45:00	57.04	312.1	13.81	8.6	1.961	11.5
3/12/99	17:00:00	57.18	321.6	13.43	8.53	1.964	23.7
3/12/99	17:15:00	57.11	320.7	13.45	8.55	1.969	31.7
3/12/99	17:30:00	57	321.1	13.34	8.55	1.967	38.3
3/12/99	17:45:00	56.86	320.5	13.2	8.55	1.961	32.7
3/12/99	18:00:00	56.66	320.1	13.03	8.53	1.961	38.1
3/12/99	18:15:00	56.43	321.1	12.83	8.52	1.958	34.7
3/12/99	18:30:00	56.17	322.2	12.61	8.49	1.958	34
3/12/99	18:45:00	55.89	323.5	12.41	8.47	1.958	36.2
3/12/99	19:00:00	55.65	323.2	12.17	8.44	1.964	33.5
3/12/99	19:15:00	55.4	320.4	11.95	8.41	1.961	34
3/12/99	19:30:00	55.15	322.9	11.69	8.37	1.966	33.1
3/12/99	19:45:00	54.86	324.2	11.45	8.33	1.954	34.8
3/12/99	20:00:00	54.61	324	11.2	8.28	1.938	31.1
3/12/99	20:15:00	54.39	325	10.97	8.22	1.947	32.7
3/12/99	20:30:00	54.19	325.9	10.76	8.17	1.935	31.1
3/12/99	20:45:00	53.94	325.7	10.56	8.12	1.936	30.6
3/12/99	21:00:00	53.76	325.2	10.4	8.07	1.924	29.2
3/12/99	21:15:00	53.64	324.4	10.27	8.03	1.92	30.3
3/12/99	21:30:00	53.49	326.4	10.17	7.99	1.915	28.7
3/12/99	21:45:00	53.29	327.3	10.07	7.96	1.911	30.3
3/12/99	22:00:00	53.17	325.3	10.01	7.93	1.908	31.9
3/12/99	22:15:00	52.99	326.1	9.96	7.9	1.901	31.9
3/12/99	22:30:00	52.86	324	9.91	7.88	1.897	31.8
3/12/99	22:45:00	52.77	324.4	9.86	7.86	1.88	32.8
3/12/99	23:00:00	52.66	326.2	9.83	7.85	1.882	32.6
3/12/99	23:15:00	52.56	328.1	9.81	7.83	1.884	30
3/12/99	23:30:00	52.45	328.6	9.79	7.82	1.881	30.8
3/12/99	23:45:00	52.36	327.7	9.76	7.81	1.865	30.8
3/13/99	0:00:00	52.27	330.8	9.74	7.8	1.868	32.2

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
MM/DD/YY	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
7/27/99	20:00:00	72.07	556.1	8.95	8.25	2.9	3.5
7/27/99	20:15:00	71.96	556.8	8.86	8.25	2.9	4
7/27/99	20:30:00	71.83	556.5	8.78	8.24	2.91	4.2
7/27/99	20:45:00	71.76	557	8.75	8.24	2.91	4
7/27/99	21:00:00	71.64	556.7	8.74	8.24	2.91	3.4
7/27/99	21:15:00	71.55	556.2	8.67	8.23	2.92	3.5
7/27/99	21:30:00	71.44	556.9	8.61	8.23	2.92	4
7/27/99	21:45:00	71.37	557.3	8.57	8.23	2.93	4.9
7/27/99	22:00:00	71.29	556.7	8.57	8.23	2.94	4.4
7/27/99	22:15:00	71.2	557.3	8.47	8.22	2.94	6
7/27/99	22:30:00	71.13	556.7	8.33	8.21	2.94	4.7
7/27/99	22:45:00	71.04	557.2	8.36	8.21	2.94	5.7
7/27/99	23:00:00	70.97	557.7	8.21	8.2	2.95	5.5
7/27/99	23:15:00	70.9	557.1	8.05	8.18	2.95	6.5
7/27/99	23:30:00	70.77	557.9	8.06	8.18	2.95	7.9
7/27/99	23:45:00	70.59	557.9	8.01	8.18	2.96	7.2
7/28/99	0:00:00	70.39	558.1	8.02	8.17	2.96	5.3
7/28/99	0:15:00	70.23	559.2	7.88	8.16	2.96	6.5
7/28/99	0:30:00	69.98	559.7	7.76	8.15	2.97	7.3
7/28/99	0:45:00	69.78	559.9	7.69	8.14	2.97	6.5
7/28/99	1:00:00	69.62	559.8	7.61	8.13	2.96	7.7
7/28/99	1:15:00	69.46	559.8	7.45	8.12	2.97	6.8
7/28/99	1:30:00	69.31	560.7	7.36	8.11	2.97	6.5
7/28/99	1:45:00	69.15	560.7	7.36	8.11	2.97	7.1
7/28/99	2:00:00	69.03	560.4	7.28	8.1	2.97	7.7
7/28/99	2:15:00	68.92	561.1	7.14	8.09	2.97	7.4
7/28/99	2:30:00	68.85	561.6	7.05	8.08	2.97	8
7/28/99	2:45:00	68.77	562.1	7.03	8.08	2.97	8.6
7/28/99	3:00:00	68.68	561.6	7.06	8.08	2.97	6.5
7/28/99	3:15:00	68.58	561.2	7.1	8.08	2.97	8.8
7/28/99	3:30:00	68.49	561.8	6.98	8.07	2.97	9.6
7/28/99	3:45:00	68.38	562.5	6.92	8.07	2.97	8.8
7/28/99	4:00:00	68.25	562.2	6.94	8.07	2.98	8.8
7/28/99	4:15:00	68.2	562.5	6.82	8.06	2.98	9.2
7/28/99	4:30:00	68.09	562.1	6.78	8.06	2.98	9.7
7/28/99	4:45:00	67.98	562.9	6.77	8.06	2.98	8.6
7/28/99	5:00:00	67.91	563.3	6.68	8.06	2.99	8.7
7/28/99	5:15:00	67.84	562.7	6.69	8.06	2.99	11.8
7/28/99	5:30:00	67.77	563.2	6.63	8.05	2.99	10.8
7/28/99	5:45:00	67.71	563.5	6.61	8.05	3	12.9
7/28/99	6:00:00	67.68	563.8	6.55	8.05	3	19.3
7/28/99	6:15:00	67.6	563.1	6.51	8.04	3.01	12.8
7/28/99	6:30:00	67.55	563.5	6.58	8.05	3.01	10.9
7/28/99	6:45:00	67.48	564	6.5	8.06	3.01	12
7/28/99	7:00:00	67.44	563.1	6.49	8.05	3.02	11.3
7/28/99	7:15:00	67.41	563.4	6.58	8.06	3.03	11.4
7/28/99	7:30:00	67.35	563.7	6.41	8.05	3.03	9.7

7/28/99	7:45:00	67.33	563.8	6.44	8.06	3.03	13.4
7/28/99	8:00:00	67.3	564.1	6.38	8.06	3.04	9.8
7/28/99	8:15:00	67.32	564	6.46	8.07	3.04	8.3
7/28/99	8:30:00	67.3	564.1	6.36	8.05	3.04	13.9
7/28/99	8:45:00	67.26	564.3	6.3	8.04	3.04	8.4
7/28/99	9:00:00	67.26	564.3	6.32	8.05	3.05	8.8
7/28/99	9:15:00	67.26	564.3	6.33	8.05	3.05	17.1
7/28/99	9:30:00	67.28	564.2	6.31	8.05	3.05	10.2
7/28/99	9:45:00	67.3	563	6.55	8.09	3.05	12.4
7/28/99	10:00:00	67.32	562.8	6.52	8.1	3.05	13.3
7/28/99	10:15:00	67.35	562.6	6.63	8.12	3.05	21.8
7/28/99	10:30:00	67.33	562.7	6.64	8.13	3.05	14.1
7/28/99	10:45:00	67.33	562.7	6.69	8.14	3.05	12.9
7/28/99	11:00:00	67.35	563.7	6.7	8.14	3.05	15.5
7/28/99	11:15:00	67.44	563.1	6.66	8.13	3.06	14.4
7/28/99	11:30:00	67.53	563.6	6.63	8.11	3.05	12.2
7/28/99	11:45:00	67.57	564.5	6.42	8.09	3.05	12.7
7/28/99	12:00:00	67.75	564.4	6.51	8.09	3.05	13.5
7/28/99	12:15:00	67.84	564.9	6.39	8.08	3.05	13.3
7/28/99	12:30:00	67.95	564.2	6.31	8.06	3.05	12.1
7/28/99	12:45:00	68.2	564.7	6.53	8.08	3.04	11.4
7/28/99	13:00:00	68.41	564.4	6.69	8.08	3.04	11.7
7/28/99	13:15:00	68.68	564.8	6.87	8.09	3.04	8.8
7/28/99	13:30:00	68.88	564.6	6.89	8.09	3.04	9
7/28/99	13:45:00	69.08	564.4	7.04	8.09	3.03	7.9
7/28/99	14:00:00	69.4	564.5	7.11	8.09	3.03	7.2
7/28/99	14:15:00	69.58	564.4	7.21	8.1	3.02	7.9
7/28/99	14:30:00	69.67	564.9	7.21	8.1	3.01	7.1
7/28/99	14:45:00	69.71	564.7	7.06	8.1	3.01	5.8
7/28/99	15:00:00	69.91	565.6	7.1	8.1	3.01	7.1
7/28/99	15:15:00	70.12	565.2	7.29	8.11	3	5.8
7/28/99	15:30:00	70.3	565.2	7.15	8.11	3	5.5
7/28/99	15:45:00	70.41	565.5	7.3	8.11	3	5.6
7/28/99	16:00:00	70.59	565.4	7.44	8.11	3	6.4
7/28/99	16:15:00	71.04	564.7	7.69	8.12	3	7.3
7/28/99	16:30:00	70.97	565.2	7.5	8.12	2.99	6.9
7/28/99	16:45:00	71.29	565.2	7.74	8.13	2.99	6.1
7/28/99	17:00:00	71.6	564.3	7.8	8.12	2.98	6.2
7/28/99	17:15:00	72.01	563.8	8.1	8.14	2.98	6.5
7/28/99	17:30:00	72.3	564.1	8.25	8.14	2.98	9.2
7/28/99	17:45:00	72.28	564.2	8.22	8.15	2.99	6.5
7/28/99	18:00:00	72.39	564.6	8.22	8.15	2.99	5.9
7/28/99	18:15:00	72.55	564.6	8.28	8.15	3	5.8
7/28/99	18:30:00	72.59	564.4	8.29	8.16	2.99	5.4
7/28/99	18:45:00	72.57	564.5	8.29	8.16	2.99	5.5
7/28/99	19:00:00	72.77	564.3	8.44	8.17	3	5.3
7/28/99	19:15:00	73.02	564.8	8.44	8.17	3	4
7/28/99	19:30:00	72.95	564.2	8.65	8.18	3.01	5.5
7/28/99	19:45:00	73.26	564.4	8.85	8.21	3.01	4.1

7/28/99	20:00:00	73.13	564.2	8.8	8.22	3.02	4.5
7/28/99	20:15:00	73.09	564.4	8.95	8.24	3.02	3.2
7/28/99	20:30:00	73.17	563.9	9.15	8.25	3.02	2.8
7/28/99	20:45:00	72.95	564.2	9	8.24	3.02	3.1
7/28/99	21:00:00	72.84	563.9	9.1	8.25	3.03	3
7/28/99	21:15:00	72.75	563.4	9.07	8.25	3.03	3.3
7/28/99	21:30:00	72.54	563.7	9	8.24	3.04	3.3
7/28/99	21:45:00	72.45	563.2	8.99	8.25	3.04	3.4
7/28/99	22:00:00	72.25	563.4	8.87	8.24	3.05	3.5
7/28/99	22:15:00	72.1	564.3	8.82	8.23	3.05	4
7/28/99	22:30:00	71.92	564.4	8.73	8.22	3.05	4
7/28/99	22:45:00	71.74	564.5	8.64	8.21	3.05	4.7
7/28/99	23:00:00	71.62	564.2	8.5	8.21	3.05	4.9
7/28/99	23:15:00	71.4	564.5	8.46	8.2	3.05	4.9
7/28/99	23:30:00	71.26	564.4	8.34	8.19	3.05	7.3
7/28/99	23:45:00	71.08	564.5	8.28	8.19	3.06	5.2
7/29/99	0:00:00	70.92	565.5	8.08	8.17	3.06	5.2
7/29/99	0:15:00	70.74	565.6	8.08	8.17	3.07	292.3
7/29/99	0:30:00	70.57	565.6	7.94	8.16	3.07	4.7
7/29/99	0:45:00	70.43	565.4	7.88	8.16	3.08	7.1
7/29/99	1:00:00	70.27	565.4	7.84	8.15	3.08	6.6
7/29/99	1:15:00	70.12	566.3	7.68	8.14	3.08	6.5
7/29/99	1:30:00	69.96	566.3	7.58	8.14	3.08	7
7/29/99	1:45:00	69.78	566.4	7.52	8.13	3.08	6
7/29/99	2:00:00	69.64	566.2	7.42	8.13	3.08	5.6
7/29/99	2:15:00	69.51	566	7.3	8.12	3.08	15.7
7/29/99	2:30:00	69.31	566.2	7.23	8.11	3.08	6.9
7/29/99	2:45:00	69.19	567	7.12	8.1	3.08	7.6
7/29/99	3:00:00	69.08	566.6	7.01	8.1	3.08	9.2
7/29/99	3:15:00	68.95	566.4	6.93	8.09	3.08	9.7
7/29/99	3:30:00	68.76	566.6	6.9	8.09	3.08	7.4
7/29/99	3:45:00	68.67	567.2	6.81	8.09	3.09	8
7/29/99	4:00:00	68.59	567.6	6.68	8.08	3.09	8.8
7/29/99	4:15:00	68.5	567.1	6.7	8.08	3.09	11.8
7/29/99	4:30:00	68.45	567.5	6.64	8.07	3.09	7.1
7/29/99	4:45:00	68.38	566.9	6.55	8.07	3.09	7.2
7/29/99	5:00:00	68.29	567.5	6.52	8.07	3.09	6.9
7/29/99	5:15:00	68.23	567.8	6.47	8.07	3.09	11.9
7/29/99	5:30:00	68.14	567.3	6.41	8.07	3.1	12.3
7/29/99	5:45:00	68.07	566.7	6.36	8.07	3.1	9.9
7/29/99	6:00:00	68	567.2	6.36	8.07	3.1	9.9
7/29/99	6:15:00	67.93	567.6	6.37	8.07	3.1	11.1
7/29/99	6:30:00	67.84	567.1	6.37	8.08	3.1	10.1
7/29/99	6:45:00	67.78	567.5	6.32	8.08	3.11	18.9
7/29/99	7:00:00	67.73	566.7	6.22	8.07	3.11	8.3
7/29/99	7:15:00	67.66	567.2	6.31	8.09	3.11	9.9
7/29/99	7:30:00	67.6	567.6	6.23	8.08	3.11	11
7/29/99	7:45:00	67.53	567	6.34	8.11	3.11	11.3
7/29/99	8:00:00	67.48	566.2	6.39	8.13	3.12	12.2

7/29/99	8:15:00	67.44	565.3	6.42	8.13	3.12	14.5
7/29/99	8:30:00	67.42	566.6	6.21	8.11	3.12	12.8
7/29/99	8:45:00	67.41	566.7	6.32	8.13	3.13	18.6
7/29/99	9:00:00	67.37	565.8	6.34	8.14	3.13	12.3
7/29/99	9:15:00	67.35	565.9	6.36	8.14	3.13	14.9
7/29/99	9:30:00	67.37	565.8	6.26	8.12	3.12	13.6
7/29/99	9:45:00	67.39	565.7	6.1	8.1	3.12	13.5
7/29/99	10:00:00	67.39	565.7	6.04	8.11	3.12	8.4
7/29/99	10:15:00	67.41	564.5	6.26	8.13	3.12	13
7/29/99	10:30:00	67.44	565.3	5.95	8.1	3.12	10.2
7/29/99	10:45:00	67.57	565.6	6	8.1	3.12	11.5
7/29/99	11:00:00	67.66	566.1	5.98	8.09	3.12	12.3
7/29/99	11:15:00	67.73	566.7	5.86	8.07	3.11	16.9
7/29/99	11:30:00	67.8	565.2	5.89	8.08	3.11	10.2
7/29/99	11:45:00	67.96	564.1	6.05	8.1	3.11	11.9
7/29/99	12:00:00	68.09	564.4	6.02	8.09	3.1	19
7/29/99	12:15:00	68.29	564.2	6.17	8.1	3.1	11.7
7/29/99	12:30:00	68.4	564.5	6.22	8.1	3.09	10.9
7/29/99	12:45:00	68.61	564.2	6.26	8.1	3.09	11
7/29/99	13:00:00	68.76	563.3	6.37	8.11	3.08	10.7
7/29/99	13:15:00	69.08	563.3	6.48	8.11	3.08	7.2
7/29/99	13:30:00	69.37	563.6	6.52	8.11	3.07	6.9
7/29/99	13:45:00	69.48	564	6.6	8.11	3.07	7.1
7/29/99	14:00:00	69.66	563.9	6.64	8.11	3.06	9.4
7/29/99	14:15:00	69.91	564.5	6.78	8.12	3.05	6.8
7/29/99	14:30:00	70.2	564.8	6.77	8.11	3.05	7.4
7/29/99	14:45:00	70.45	564.2	6.79	8.1	3.04	6.8
7/29/99	15:00:00	70.9	564.6	7.08	8.12	3.04	11.2
7/29/99	15:15:00	71.08	564.5	7.17	8.12	3.04	9.3
7/29/99	15:30:00	71.06	564.6	7.16	8.12	3.03	10.8
7/29/99	15:45:00	71.13	565.2	7.19	8.14	3.03	10.9
7/29/99	16:00:00	71.53	563.7	7.34	8.14	3.03	8.4
7/29/99	16:15:00	71.8	564.1	7.45	8.14	3.02	7.9
7/29/99	16:30:00	72.03	563.7	7.54	8.15	3.02	7.9
7/29/99	16:45:00	72.16	564	7.6	8.15	3.02	10.9
7/29/99	17:00:00	72.25	563.4	7.67	8.16	3.01	9.9
7/29/99	17:15:00	72.3	564.1	7.69	8.16	3.01	7.1
7/29/99	17:30:00	72.5	563.9	7.7	8.16	3	11.3
7/29/99	17:45:00	72.59	564.4	7.82	8.16	3	8.3
7/29/99	18:00:00	72.72	563.6	7.98	8.17	2.99	10.1
7/29/99	18:15:00	72.64	564.1	7.87	8.16	2.99	5.7
7/29/99	18:30:00	73.06	563.6	8.04	8.18	2.99	8.6
7/29/99	18:45:00	72.97	563.1	8.16	8.18	2.99	6.9
7/29/99	19:00:00	72.86	563.8	8.08	8.18	2.99	7.8
7/29/99	19:15:00	72.75	564.4	7.75	8.16	2.99	7
7/29/99	19:30:00	73	563.9	7.88	8.17	2.99	7.7
7/29/99	19:45:00	73.06	563.6	7.98	8.18	3	5.8
7/29/99	20:00:00	72.95	564.2	7.98	8.17	3	7.9
7/29/99	20:15:00	73.02	564.8	7.95	8.18	3	14.1



7/29/99	20:30:00	73.29	563.2	8.18	8.19	3	6.5
7/29/99	20:45:00	73.26	563.4	8.16	8.2	3.01	11.9
7/29/99	21:00:00	73.29	564.2	8.17	8.2	3.01	4.7
7/29/99	21:15:00	73.33	564	8.37	8.21	3.02	4.8
7/29/99	21:30:00	73.47	563.1	8.52	8.23	3.02	189.1
7/29/99	21:45:00	73.4	563.5	8.49	8.24	3.03	4.3
7/29/99	22:00:00	73.33	562.9	8.75	8.25	3.03	4.6
7/29/99	22:15:00	73.22	562.6	8.63	8.24	3.03	6.3
7/29/99	22:30:00	73.15	563	8.7	8.25	3.03	4.6
7/29/99	22:45:00	72.93	562.3	8.66	8.25	3.03	3.7
7/29/99	23:00:00	72.79	563.2	8.55	8.23	3.03	3.2
7/29/99	23:15:00	72.54	562.7	8.45	8.23	3.03	4
7/29/99	23:30:00	72.39	563.6	8.27	8.22	3.03	3.9
7/29/99	23:45:00	72.25	562.4	8.27	8.21	3.03	5
7/30/99	0:00:00	72.07	563.5	8.19	8.21	3.03	4.7
7/30/99	0:15:00	71.89	563.6	8.05	8.19	3.03	4.5
7/30/99	0:30:00	71.71	563.7	7.81	8.18	3.03	5.1
7/30/99	0:45:00	71.55	563.6	7.8	8.17	3.03	5.4
7/30/99	1:00:00	71.44	564.3	7.61	8.16	3.03	10.9
7/30/99	1:15:00	71.26	564.4	7.52	8.15	3.03	6.9
7/30/99	1:30:00	71.08	564.5	7.42	8.14	3.03	6.7
7/30/99	1:45:00	70.97	564.1	7.29	8.13	3.03	6
7/30/99	2:00:00	70.83	563.9	7.15	8.12	3.03	8.6
7/30/99	2:15:00	70.7	564.8	7.07	8.11	3.03	8.3
7/30/99	2:30:00	70.56	564.6	6.92	8.1	3.03	7.1
7/30/99	2:45:00	70.41	564.5	6.78	8.09	3.03	9.3
7/30/99	3:00:00	70.25	564.4	6.73	8.08	3.03	8
7/30/99	3:15:00	70.16	565	6.58	8.07	3.03	10.5
7/30/99	3:30:00	70.02	564.9	6.51	8.06	3.03	8.2
7/30/99	3:45:00	69.91	565.6	6.42	8.06	3.03	8.3
7/30/99	4:00:00	69.76	564.3	6.35	8.05	3.03	10.7
7/30/99	4:15:00	69.67	564.9	6.28	8.05	3.03	11.1
7/30/99	4:30:00	69.55	564.6	6.21	8.04	3.03	11.9
7/30/99	4:45:00	69.42	565.5	6.15	8.04	3.03	10.5
7/30/99	5:00:00	69.31	565.1	6.13	8.04	3.03	12.6
7/30/99	5:15:00	69.19	564.8	6.05	8.03	3.03	13.1
7/30/99	5:30:00	69.08	564.4	6.06	8.03	3.03	14.3
7/30/99	5:45:00	68.95	564.2	5.98	8.03	3.03	10.7
7/30/99	6:00:00	68.85	564.9	5.85	8.03	3.04	9.6
7/30/99	6:15:00	68.7	563.6	5.95	8.04	3.04	11.9
7/30/99	6:30:00	68.59	563.2	5.86	8.03	3.04	12.1
7/30/99	6:45:00	68.49	563.9	5.83	8.03	3.04	12.8
7/30/99	7:00:00	68.41	563.3	5.77	8.03	3.05	11.4
7/30/99	7:15:00	68.31	562.9	5.84	8.05	3.05	13.4
7/30/99	7:30:00	68.29	564.2	5.76	8.04	3.05	13
7/30/99	7:45:00	68.23	563.4	5.83	8.05	3.05	11.9
7/30/99	8:00:00	68.23	563.4	5.77	8.05	3.05	11.8
7/30/99	8:15:00	68.22	562.4	5.72	8.05	3.05	12.6
7/30/99	8:30:00	68.2	561.4	5.94	8.06	3.05	11.8

7/30/99	8:45:00	68.2	561.4	5.92	8.07	3.05	14.8
7/30/99	9:00:00	68.2	561.4	5.95	8.08	3.05	13.5
7/30/99	9:15:00	68.22	560.2	6.1	8.11	3.05	16.4
7/30/99	9:30:00	68.14	559.6	6.16	8.12	3.05	11.9
7/30/99	9:45:00	68.11	559.8	6.17	8.12	3.05	14.5
7/30/99	10:00:00	68.14	559.6	6.16	8.12	3.05	15.1
7/30/99	10:15:00	68.2	559.2	6.15	8.12	3.04	16.4
7/30/99	10:30:00	68.23	559	6.14	8.12	3.04	17
7/30/99	10:45:00	68.31	559.6	6.11	8.12	3.03	20
7/30/99	11:00:00	68.41	560	6.02	8.1	3.03	19
7/30/99	11:15:00	68.52	559.3	6.05	8.1	3.03	17.6
7/30/99	11:30:00	68.79	559.8	6.1	8.1	3.02	18.3
7/30/99	11:45:00	68.81	559.6	6.05	8.09	3.01	16.7
7/30/99	12:00:00	69.06	560.2	6.04	8.09	3.01	14
7/30/99	12:15:00	69.35	558.3	6.18	8.1	3	8.2
7/30/99	12:30:00	69.55	559.2	6.28	8.1	3	7.4
7/30/99	12:45:00	69.84	558.5	6.41	8.11	3	7.7
7/30/99	13:00:00	70	558.5	6.4	8.11	2.99	7.3
7/30/99	13:15:00	70.3	558.7	6.25	8.1	2.99	13
7/30/99	13:30:00	70.41	560.2	6.11	8.09	2.99	7.3
7/30/99	13:45:00	70.79	558.8	6.55	8.11	2.98	7.8
7/30/99	14:00:00	70.86	559.4	6.3	8.09	2.98	535
7/30/99	14:15:00	71.08	560.2	6.48	8.11	2.98	7.2
7/30/99	14:30:00	71.33	559.7	6.65	8.11	2.97	7.7
7/30/99	14:45:00	71.64	559.9	6.67	8.1	2.96	12.7
7/30/99	15:00:00	71.6	561.2	6.4	8.09	2.96	10.2
7/30/99	15:15:00	71.78	562.1	6.49	8.08	2.95	11.5
7/30/99	15:30:00	71.87	561.6	6.18	8.1	2.95	7.4
7/30/99	15:45:00	71.94	562.2	6.16	8.11	2.94	8.7
7/30/99	16:00:00	71.98	563	6.12	8.12	2.94	345.5
7/30/99	16:15:00	72.16	562.9	6.04	8.1	2.93	115.6
7/30/99	16:30:00	72.39	563.6	6.22	8.1	2.92	9.5
7/30/99	16:45:00	72.45	564.3	6.16	8.08	2.92	10.4
7/30/99	17:00:00	72.54	563.7	6.18	8.08	2.91	24.5
7/30/99	17:15:00	72.55	564.6	6.15	8.08	2.91	12.2
7/30/99	17:30:00	72.52	563.8	6.15	8.09	2.91	9.4
7/30/99	17:45:00	72.37	564.7	6.24	8.08	2.9	9.1
7/30/99	18:00:00	72.64	564.1	6.28	8.07	2.9	6.6
7/30/99	18:15:00	72.75	564.4	6.48	8.08	2.89	6.1
7/30/99	18:30:00	72.81	565.2	6.46	8.08	2.89	7.5
7/30/99	18:45:00	72.88	564.7	6.54	8.09	2.89	825.1
7/30/99	19:00:00	72.95	563.2	6.6	8.09	2.89	378.1
7/30/99	19:15:00	73.24	562.5	6.58	8.1	2.89	7.1
7/30/99	19:30:00	73.38	561.6	6.94	8.12	2.89	6.2
7/30/99	19:45:00	73.49	559.9	7.27	8.14	2.89	5.8
7/30/99	20:00:00	73.09	561.3	6.89	8.11	2.89	5.4
7/30/99	20:15:00	73.33	561.9	6.84	8.12	2.89	5.3
7/30/99	20:30:00	73.71	559.6	7.45	8.16	2.9	272.7
7/30/99	20:45:00	73.74	559.3	7.54	8.17	2.9	7.6

7/30/99	21:00:00	73.74	560.4	7.38	8.18	2.91	5.7
7/30/99	21:15:00	73.94	560.2	7.61	8.18	2.91	5.7
7/30/99	21:30:00	74.17	559.8	8.2	8.21	2.92	81.8
7/30/99	21:45:00	74.07	559.4	8.19	8.22	2.93	6.7
7/30/99	22:00:00	73.9	559.4	8.06	8.21	2.93	230.6
7/30/99	22:15:00	73.83	558.8	8.44	8.24	2.94	4.8
7/30/99	22:30:00	73.69	558.6	8.23	8.22	2.94	379
7/30/99	22:45:00	73.56	559.4	8.23	8.22	2.94	143.5
7/30/99	23:00:00	73.38	559.5	8.11	8.21	2.94	5.1
7/30/99	23:15:00	73.18	558.6	8.13	8.21	2.94	4.2
7/30/99	23:30:00	73.02	559.6	8.04	8.21	2.94	5.7
7/30/99	23:45:00	72.84	559.7	7.91	8.2	2.94	4.5
7/31/99	0:00:00	72.64	559.9	7.85	8.19	2.94	4.4
7/31/99	0:15:00	72.45	560.1	7.67	8.18	2.94	4.9
7/31/99	0:30:00	72.28	560	7.6	8.17	2.94	5
7/31/99	0:45:00	72.09	560.2	7.52	8.16	2.94	5.5
7/31/99	1:00:00	71.92	560.2	7.44	8.15	2.94	189.1
7/31/99	1:15:00	71.78	561.1	7.18	8.13	2.94	141.1
7/31/99	1:30:00	71.64	560.9	7.13	8.13	2.94	6.5
7/31/99	1:45:00	71.49	561.8	7.03	8.12	2.94	222.1
7/31/99	2:00:00	71.29	562	7.03	8.12	2.94	6.8
7/31/99	2:15:00	71.15	561.9	6.88	8.11	2.94	7.5
7/31/99	2:30:00	70.97	562	6.75	8.1	2.93	7.8
7/31/99	2:45:00	70.84	562.8	6.64	8.09	2.93	7.1
7/31/99	3:00:00	70.68	562.7	6.54	8.08	2.94	12.8
7/31/99	3:15:00	70.5	562.8	6.45	8.07	2.94	10.6
7/31/99	3:30:00	70.39	563.5	6.34	8.07	2.94	11.2
7/31/99	3:45:00	70.25	563.3	6.28	8.07	2.94	1280.8
7/31/99	4:00:00	70.16	563.9	6.22	8.07	2.94	7.7
7/31/99	4:15:00	70.11	563.2	6.12	8.06	2.94	10.1
7/31/99	4:30:00	69.98	564	6.07	8.05	2.95	9.9
7/31/99	4:45:00	69.87	563.6	6.02	8.06	2.95	10
7/31/99	5:00:00	69.8	564.1	5.97	8.05	2.95	11.1
7/31/99	5:15:00	69.69	563.7	5.93	8.05	2.95	12.3
7/31/99	5:30:00	69.58	563.3	5.99	8.06	2.95	13.2
7/31/99	5:45:00	69.49	563.9	5.88	8.05	2.96	16.9
7/31/99	6:00:00	69.4	563.4	5.91	8.06	2.96	13.3
7/31/99	6:15:00	69.31	564	5.8	8.05	2.96	11
7/31/99	6:30:00	69.22	564.6	5.73	8.05	2.96	10.7
7/31/99	6:45:00	69.17	563.8	5.81	8.06	2.96	12.4
7/31/99	7:00:00	69.1	564.3	5.7	8.05	2.97	12.8
7/31/99	7:15:00	69.01	563.8	5.76	8.06	2.97	13.6
7/31/99	7:30:00	68.94	564.3	5.69	8.06	2.97	15.8
7/31/99	7:45:00	68.86	564.8	5.81	8.08	2.97	11.4
7/31/99	8:00:00	68.79	564.1	5.81	8.09	2.98	10.9
7/31/99	8:15:00	68.76	564.4	5.69	8.07	2.98	17
7/31/99	8:30:00	68.72	564.6	5.63	8.07	2.98	13.4
7/31/99	8:45:00	68.68	564.8	5.69	8.08	2.98	13.9
7/31/99	9:00:00	68.68	564.8	5.54	8.05	2.98	12.8

7/31/99	9:15:00	68.67	565	5.61	8.09	2.98	15.1
7/31/99	9:30:00	68.63	565.2	5.61	8.05	2.98	15.2
7/31/99	9:45:00	68.65	565.1	5.34	8.05	2.98	27.6
7/31/99	10:00:00	68.65	565.1	5.31	8.04	2.97	15.9
7/31/99	10:15:00	68.68	564.8	5.31	8.03	2.97	14.1
7/31/99	10:30:00	68.74	564.5	5.33	8.06	2.96	19.2
7/31/99	10:45:00	68.86	564.8	5.51	8.06	2.96	14.1
7/31/99	11:00:00	68.9	564.5	5.25	8.06	2.96	20.8
7/31/99	11:15:00	68.94	564.3	5.55	8.07	2.95	20.6
7/31/99	11:30:00	69.04	563.6	5.54	8.07	2.95	13.8
7/31/99	11:45:00	69.12	564.2	5.53	8.07	2.94	18.5
7/31/99	12:00:00	69.24	563.4	5.6	8.08	2.94	14.1
7/31/99	12:15:00	69.31	564	5.61	8.07	2.93	14
7/31/99	12:30:00	69.48	564	5.73	8.08	2.93	14
7/31/99	12:45:00	69.71	563.6	5.74	8.08	2.92	12.5
7/31/99	13:00:00	70.02	563.8	5.75	8.09	2.92	8.5
7/31/99	13:15:00	70.29	564.2	5.98	8.09	2.92	9.5
7/31/99	13:30:00	70.36	563.7	6	8.09	2.92	8.4
7/31/99	13:45:00	70.43	564.3	5.77	8.07	2.92	9
7/31/99	14:00:00	70.61	565.3	5.88	8.07	2.92	8.1
7/31/99	14:15:00	70.86	564.8	5.97	8.08	2.91	8.4
7/31/99	14:30:00	71.01	566	5.94	8.08	2.91	8
7/31/99	14:45:00	71.06	566.7	6.01	8.08	2.9	8.8
7/31/99	15:00:00	71.35	565.9	5.93	8.08	2.89	11.1
7/31/99	15:15:00	71.33	567.1	5.92	8.08	2.89	9.1
7/31/99	15:30:00	71.49	567.1	6.07	8.07	2.88	7.7
7/31/99	15:45:00	71.8	567.3	6.18	8.08	2.88	8.6
7/31/99	16:00:00	71.92	567.6	6.26	8.09	2.88	8.7
7/31/99	16:15:00	72.1	567.5	6.22	8.09	2.87	12.6
7/31/99	16:30:00	72.72	566.8	6.38	8.09	2.87	12.9
7/31/99	16:45:00	72.75	565.5	6.6	8.11	2.86	8.6
7/31/99	17:00:00	72.95	565.3	6.8	8.12	2.86	8.9
7/31/99	17:15:00	72.82	566.1	6.89	8.11	2.86	9.7
7/31/99	17:30:00	72.68	567	6.6	8.11	2.86	10.7
7/31/99	17:45:00	72.63	567.3	6.3	8.1	2.86	8.4
7/31/99	18:00:00	72.82	567.1	6.34	8.1	2.85	7
7/31/99	18:15:00	72.79	567.4	6.47	8.1	2.85	760.2
7/31/99	18:30:00	73.06	567.7	6.37	8.09	2.85	7.5
7/31/99	18:45:00	72.9	568.8	6.32	8.11	2.85	7
7/31/99	19:00:00	73.29	568.4	6.61	8.12	2.85	6.7
7/31/99	19:15:00	73.42	567.6	6.59	8.1	2.86	9.5
7/31/99	19:30:00	73.22	567.8	6.27	8.11	2.86	7.3
7/31/99	19:45:00	73.51	568	6.87	8.14	2.87	6.3
7/31/99	20:00:00	73.65	568.2	6.95	8.14	2.87	7
7/31/99	20:15:00	73.87	566.8	6.98	8.14	2.88	5.6
7/31/99	20:30:00	74.07	568.7	7.55	8.19	2.89	6.7
7/31/99	20:45:00	74.3	568.3	7.89	8.21	2.89	5.7
7/31/99	21:00:00	74.17	568	7.89	8.21	2.89	5.8
7/31/99	21:15:00	74.08	567.6	7.84	8.2	2.9	6.4

7/31/99	21:30:00	73.87	567.9	8.01	8.21	2.9	5.4
7/31/99	21:45:00	73.76	567.5	7.89	8.2	2.9	9.3
7/31/99	22:00:00	73.65	568.2	7.66	8.18	2.91	6.8
7/31/99	22:15:00	73.53	567.9	7.67	8.19	2.91	5.9
7/31/99	22:30:00	73.35	568	7.64	8.18	2.91	7
7/31/99	22:45:00	73.22	567.8	7.65	8.18	2.91	7.8
7/31/99	23:00:00	73.11	567.4	7.56	8.17	2.91	5.7
7/31/99	23:15:00	72.97	568.3	7.55	8.17	2.91	7.4
7/31/99	23:30:00	72.86	569	7.48	8.16	2.91	6
7/31/99	23:45:00	72.73	568.7	7.38	8.15	2.91	8.2
8/1/99	0:00:00	72.59	568.6	7.27	8.14	2.91	7
8/1/99	0:15:00	72.46	569.4	7.17	8.13	2.91	6.1
8/1/99	0:30:00	72.32	569.3	7.18	8.12	2.91	8.3
8/1/99	0:45:00	72.16	569.2	7.11	8.12	2.91	7.6
8/1/99	1:00:00	71.98	570.4	7.1	8.11	2.91	7.4
8/1/99	1:15:00	71.8	570.5	7.04	8.11	2.91	7.4
8/1/99	1:30:00	71.62	571.6	6.93	8.1	2.9	6.7
8/1/99	1:45:00	71.51	571.3	6.84	8.09	2.9	8.8
8/1/99	2:00:00	71.31	571.5	6.76	8.08	2.9	9.1
8/1/99	2:15:00	71.17	572.4	6.67	8.07	2.9	9.3
8/1/99	2:30:00	70.99	572.5	6.58	8.06	2.9	8.5
8/1/99	2:45:00	70.83	572.5	6.48	8.05	2.9	9.4
8/1/99	3:00:00	70.66	573.6	6.38	8.04	2.89	10.5
8/1/99	3:15:00	70.5	573.5	6.31	8.04	2.9	11
8/1/99	3:30:00	70.36	573.4	6.2	8.03	2.89	10.4
8/1/99	3:45:00	70.25	574.1	6.12	8.03	2.89	13.6
8/1/99	4:00:00	70.09	574.1	6.05	8.02	2.89	11
8/1/99	4:15:00	69.98	574.8	6.01	8.02	2.89	9.5
8/1/99	4:30:00	69.85	574.6	5.92	8.01	2.89	12
8/1/99	4:45:00	69.75	575.3	5.86	8.01	2.9	12.2
8/1/99	5:00:00	69.62	575	5.8	8	2.9	14.4
8/1/99	5:15:00	69.51	574.7	5.78	8.01	2.9	12.9
8/1/99	5:30:00	69.39	575.5	5.67	8	2.9	19.2
8/1/99	5:45:00	69.3	575	5.63	8	2.91	12.8
8/1/99	6:00:00	69.22	575.5	5.62	7.99	2.92	19.3
8/1/99	6:15:00	69.12	575.1	5.66	8	2.92	18.7
8/1/99	6:30:00	68.99	576	5.59	7.99	2.93	12.8
8/1/99	6:45:00	68.95	575.1	5.61	8	2.93	12.8
8/1/99	7:00:00	68.86	575.7	5.52	8	2.93	12.1
8/1/99	7:15:00	68.83	575.9	5.57	8	2.94	12.3
8/1/99	7:30:00	68.77	575.2	5.44	7.99	2.95	13.4
8/1/99	7:45:00	68.7	575.7	5.56	8.01	2.95	18.2
8/1/99	8:00:00	68.65	576.1	5.59	8.02	2.95	15
8/1/99	8:15:00	68.61	575.2	5.26	7.98	2.96	15.8
8/1/99	8:30:00	68.58	575.4	5.48	8.03	2.96	17.3
8/1/99	8:45:00	68.5	574.8	5.65	8.05	2.96	20
8/1/99	9:00:00	68.47	575.1	5.66	8.05	2.96	21.3
8/1/99	9:15:00	68.43	574.2	5.67	8.06	2.96	15.9
8/1/99	9:30:00	68.49	574.9	5.78	8.08	2.96	23

8/1/99	9:45:00	68.52	574.7	5.79	8.08	2.96	22.2
8/1/99	10:00:00	68.56	574.5	5.75	8.08	2.96	38.4
8/1/99	10:15:00	68.61	575.2	5.46	8.07	2.96	24.1
8/1/99	10:30:00	68.68	574.7	5.61	8.07	2.96	18.8
8/1/99	10:45:00	68.74	574.4	5.62	8.07	2.95	23.3
8/1/99	11:00:00	68.85	574.7	5.65	8.07	2.95	22.8
8/1/99	11:15:00	68.92	575.3	5.51	8.06	2.95	529.2
8/1/99	11:30:00	69.04	574.5	5.68	8.06	2.95	23.2
8/1/99	11:45:00	69.15	574.9	5.59	8.06	2.95	18.5
8/1/99	12:00:00	69.49	574.8	5.77	8.06	2.95	14.2
8/1/99	12:15:00	69.64	574.9	5.65	8.06	2.95	13.7
8/1/99	12:30:00	69.82	574.8	5.6	8.05	2.94	14.7
8/1/99	12:45:00	70.09	575.2	5.57	8.05	2.94	17.7
8/1/99	13:00:00	70.27	576.2	5.59	8.04	2.94	10.6
8/1/99	13:15:00	70.61	575	5.78	8.05	2.93	12.5
8/1/99	13:30:00	70.72	575.4	5.76	8.05	2.93	12.5
8/1/99	13:45:00	70.84	575.6	5.69	8.05	2.93	11.6
8/1/99	14:00:00	71.06	576.3	5.68	8.04	2.92	11.8
8/1/99	14:15:00	71.08	577.3	5.61	8.04	2.92	13.1
8/1/99	14:30:00	71.82	576.7	5.99	8.04	2.92	22
8/1/99	14:45:00	72.19	576.4	6.43	8.07	2.92	13
8/1/99	15:00:00	72.28	575.8	6.61	8.08	2.92	12.4
8/1/99	15:15:00	72.43	574.9	6.75	8.09	2.92	32.6
8/1/99	15:30:00	72.48	575.6	6.84	8.1	2.92	8.1
8/1/99	15:45:00	72.73	575	7.01	8.11	2.91	9.5
8/1/99	16:00:00	72.84	575.4	7.09	8.12	2.91	7.9
8/1/99	16:15:00	73.17	575.4	7.26	8.12	2.91	7.7
8/1/99	16:30:00	73.42	575.9	7.27	8.13	2.91	7.8
8/1/99	16:45:00	73.63	576.6	7.31	8.13	2.91	9.8
8/1/99	17:00:00	73.8	576.6	7.32	8.13	2.91	7.9
8/1/99	17:15:00	74.05	576	7.39	8.13	2.91	6.4
8/1/99	17:30:00	73.67	578.4	7.08	8.13	2.91	7.9
8/1/99	17:45:00	74.25	576.9	7.23	8.13	2.92	6.5
8/1/99	18:00:00	74.46	576.5	7.54	8.14	2.92	7
8/1/99	18:15:00	74.59	575.7	7.62	8.15	2.92	6.4
8/1/99	18:30:00	74.57	576.9	7.56	8.14	2.92	5.7
8/1/99	18:45:00	74.37	577.1	7.43	8.14	2.92	11.4
8/1/99	19:00:00	74.53	576.1	7.57	8.15	2.92	7
8/1/99	19:15:00	74.41	576.9	7.37	8.15	2.92	7
8/1/99	19:30:00	74.55	577	7.63	8.16	2.93	6.2
8/1/99	19:45:00	74.64	576.4	7.69	8.16	2.94	7.3
8/1/99	20:00:00	74.73	575.9	7.69	8.17	2.94	10.5
8/1/99	20:15:00	74.61	576.6	7.52	8.17	2.94	7.1
8/1/99	20:30:00	74.7	577.1	7.62	8.17	2.95	8.7
8/1/99	20:45:00	74.66	578.4	7.48	8.16	2.95	6.1
8/1/99	21:00:00	74.77	577.7	7.52	8.16	2.96	6.7
8/1/99	21:15:00	74.82	577.3	7.7	8.16	2.97	6.3
8/1/99	21:30:00	74.73	576.9	7.53	8.16	2.97	9.1
8/1/99	21:45:00	74.79	577.6	7.6	8.17	2.98	5.4

8/1/99	22:00:00	74.73	577.9	7.57	8.17	2.98	14.5
8/1/99	22:15:00	74.79	577.6	7.72	8.17	2.99	7.1
8/1/99	22:30:00	74.75	577.8	8.07	8.18	2.99	6.9
8/1/99	22:45:00	74.5	577.3	7.92	8.17	2.99	6.6
8/1/99	23:00:00	74.39	576	7.98	8.17	2.99	4.4
8/1/99	23:15:00	74.23	577	7.84	8.16	2.99	4.9
8/1/99	23:30:00	74.07	577	7.72	8.16	2.99	5.5
8/1/99	23:45:00	73.81	576.5	7.64	8.15	2.99	6.1
8/2/99	0:00:00	73.63	576.6	7.54	8.14	3	6.8
8/2/99	0:15:00	73.44	576.8	7.41	8.13	3	5.7
8/2/99	0:30:00	73.27	576.8	7.21	8.12	3	6
8/2/99	0:45:00	73.09	578	7	8.1	3	12.6
8/2/99	1:00:00	72.95	577.8	6.95	8.09	3	8.9
8/2/99	1:15:00	72.81	578.8	6.81	8.08	3	8.7
8/2/99	1:30:00	72.63	577.8	6.71	8.07	3	10.5
8/2/99	1:45:00	72.52	578.5	6.53	8.06	3.01	8.1
8/2/99	2:00:00	72.32	578.7	6.55	8.05	3.01	10.3
8/2/99	2:15:00	72.23	579.3	6.42	8.05	3.01	10
8/2/99	2:30:00	72.05	578.4	6.34	8.04	3.01	8.6
8/2/99	2:45:00	71.91	579.3	6.2	8.04	3.01	10.2
8/2/99	3:00:00	71.8	580	6.04	8.03	3.01	11.2
8/2/99	3:15:00	71.62	579.1	6	8.02	3.01	9
8/2/99	3:30:00	71.55	579.5	5.85	8.01	3.01	11.3
8/2/99	3:45:00	71.42	579.3	5.88	8.01	3.02	19.3
8/2/99	4:00:00	71.31	580	5.77	8	3.02	12
8/2/99	4:15:00	71.17	579.9	5.74	8	3.02	10.4
8/2/99	4:30:00	71.06	580.6	5.64	8	3.02	11.2
8/2/99	4:45:00	70.93	580.4	5.57	7.99	3.02	11.7
8/2/99	5:00:00	70.81	581.2	5.56	7.99	3.02	12.1
8/2/99	5:15:00	70.72	580.7	5.51	7.99	3.02	18.4
8/2/99	5:30:00	70.65	581.2	5.3	7.97	3.03	15.5
8/2/99	5:45:00	70.48	581.2	5.41	7.98	3.03	13.5
8/2/99	6:00:00	70.36	580.9	5.39	7.99	3.03	18.3
8/2/99	6:15:00	70.27	580.5	5.38	7.99	3.04	13.5
8/2/99	6:30:00	70.16	580.1	5.33	7.99	3.04	14.6
8/2/99	6:45:00	70.07	579.6	5.31	7.99	3.05	16
8/2/99	7:00:00	69.98	580.2	5.38	8	3.05	13.1
8/2/99	7:15:00	69.94	579.4	5.3	7.99	3.06	14.6
8/2/99	7:30:00	69.91	578.5	5.3	7.99	3.06	14.3
8/2/99	7:45:00	69.89	578.7	5.39	8.01	3.07	13.4
8/2/99	8:00:00	69.85	577.8	5.48	8.03	3.07	15
8/2/99	8:15:00	69.82	577	5.67	8.06	3.07	15.3
8/2/99	8:30:00	69.85	576.7	5.52	8.05	3.08	15.8
8/2/99	8:45:00	69.85	576.7	5.28	8.04	3.08	21.5
8/2/99	9:00:00	69.89	576.5	5.63	8.06	3.07	18
8/2/99	9:15:00	69.91	577.5	5.38	8.05	3.07	20
8/2/99	9:30:00	69.94	576.1	5.52	8.06	3.07	17.7
8/2/99	9:45:00	69.91	576.4	5.66	8.09	3.07	19.3
8/2/99	10:00:00	69.93	575.2	5.69	8.09	3.07	18.8

8/2/99	10:15:00	70	575.8	5.66	8.09	3.07	20.5
8/2/99	10:30:00	70.07	575.3	5.57	8.09	3.07	21.4
8/2/99	10:45:00	70.12	574.9	5.54	8.08	3.06	18
8/2/99	11:00:00	70.27	575.1	5.49	8.07	3.06	19.4
8/2/99	11:15:00	70.39	575.3	5.49	8.07	3.06	17.1
8/2/99	11:30:00	70.54	575.5	5.47	8.06	3.05	12.8
8/2/99	11:45:00	70.75	575.1	5.52	8.06	3.05	15.2
8/2/99	12:00:00	70.92	575.1	5.57	8.07	3.05	12
8/2/99	12:15:00	71.28	574.9	5.7	8.07	3.05	12
8/2/99	12:30:00	71.4	575.2	5.69	8.07	3.04	13.3
8/2/99	12:45:00	71.74	575.1	5.74	8.07	3.04	10
8/2/99	13:00:00	71.87	576.4	5.71	8.06	3.04	12.7
8/2/99	13:15:00	71.92	577.1	5.66	8.06	3.03	9.4
8/2/99	13:30:00	72.46	575.7	5.98	8.07	3.04	12.6
8/2/99	13:45:00	72.63	575.7	6.04	8.07	3.04	11
8/2/99	14:00:00	70.65	6.4	8.56	8.43	0.76	0.3
8/2/99	14:15:00	74.62	4.1	8.15	8.81	0.72	0.5
8/2/99	14:30:00	76.17	3	7.97	7.41	0.73	0.3
8/2/99	14:45:00	77.72	3	7.66	8.74	0.7	33.3



Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
12/4/99	0:00:00	50.32	481.2	11.09	8.13	4.96	11
12/4/99	0:15:00	50.25	483.1	10.59	8.12	4.956	12.3
12/4/99	0:30:00	50.23	483.3	10.48	8.12	4.958	13.7
12/4/99	0:45:00	50.13	484	10.3	8.12	4.957	12.2
12/4/99	1:00:00	50.02	484.8	10.22	8.11	4.957	11.9
12/4/99	1:15:00	49.96	485.2	10.17	8.11	4.949	13.5
12/4/99	1:30:00	49.87	485.8	10.08	8.1	4.947	13.2
12/4/99	1:45:00	49.86	486	10.04	8.1	4.946	12.5
12/4/99	2:00:00	49.73	486.9	9.95	8.09	4.948	12.9
12/4/99	2:15:00	49.6	487.8	9.87	8.08	4.947	12.7
12/4/99	2:30:00	49.6	487.8	9.85	8.08	4.949	12.4
12/4/99	2:45:00	49.51	488.5	9.79	8.08	4.946	13.6
12/4/99	3:00:00	49.41	489.3	9.72	8.07	4.947	12.4
12/4/99	3:15:00	49.28	490.2	9.67	8.06	4.94	12.7
12/4/99	3:30:00	49.23	490.6	9.61	8.05	4.938	12.5
12/4/99	3:45:00	49.15	489.7	9.6	8.05	4.937	12.4
12/4/99	4:00:00	48.99	490.9	9.53	8.04	4.936	13.6
12/4/99	4:15:00	48.99	490.9	9.49	8.04	4.934	12.4
12/4/99	4:30:00	48.88	491.7	9.44	8.03	4.938	12.8
12/4/99	4:45:00	48.83	492.1	9.41	8.02	4.936	10.9
12/4/99	5:00:00	48.7	491.6	9.36	8.01	4.943	12.8
12/4/99	5:15:00	48.61	492.3	9.33	8.01	4.94	12.9
12/4/99	5:30:00	48.51	493.1	9.29	8	4.942	11.6
12/4/99	5:45:00	48.47	493.4	9.27	8	4.94	13.1
12/4/99	6:00:00	48.42	493.8	9.23	7.99	4.934	12.9
12/4/99	6:15:00	48.33	493	9.22	7.99	4.932	11.7
12/4/99	6:30:00	48.22	493.8	9.19	7.98	4.934	12.1
12/4/99	6:45:00	48.16	494.2	9.16	7.98	4.935	11.8
12/4/99	7:00:00	48.09	494.8	9.13	7.97	4.935	12.3
12/4/99	7:15:00	47.97	495.7	9.11	7.96	4.937	12.5
12/4/99	7:30:00	47.93	496	9.09	7.96	4.936	15.2
12/4/99	7:45:00	47.82	496.8	9.07	7.96	4.937	11.5
12/4/99	8:00:00	47.79	497.1	9.05	7.95	4.936	11.7
12/4/99	8:15:00	47.71	497.6	9.04	7.95	4.928	12.5
12/4/99	8:30:00	47.66	496.6	9.02	7.94	4.93	12
12/4/99	8:45:00	47.61	497	9.03	7.94	4.93	11.6
12/4/99	9:00:00	47.52	497.7	9.02	7.94	4.932	12.1
12/4/99	9:15:00	47.52	497.7	9.02	7.94	4.932	11.1
12/4/99	9:30:00	47.43	498.4	9.04	7.94	4.935	11.4
12/4/99	9:45:00	47.41	498.5	9.04	7.93	4.941	12.1
12/4/99	10:00:00	47.43	498.4	9.03	7.93	4.945	11
12/4/99	10:15:00	47.39	500.1	9.06	7.93	4.946	10.8
12/4/99	10:30:00	47.39	500.1	9.08	7.93	4.946	11.5
12/4/99	10:45:00	47.39	498.7	9.15	7.93	4.942	11.6
12/4/99	11:00:00	47.43	498.4	9.13	7.93	4.935	10.6
12/4/99	11:15:00	47.41	498.5	9.16	7.93	4.933	11.3
12/4/99	11:30:00	47.41	498.5	9.22	7.94	4.928	12.6

12/4/99	11:45:00	47.43	496.9	9.18	7.93	4.921	10.1
12/4/99	12:00:00	47.44	496.8	9.19	7.93	4.914	9.6
12/4/99	12:15:00	47.48	496.5	9.14	7.93	4.91	9.5
12/4/99	12:30:00	47.52	497.7	9.16	7.93	4.905	9.6
12/4/99	12:45:00	47.57	495.8	9.18	7.93	4.901	11.2
12/4/99	13:00:00	47.61	495.6	9.37	7.94	4.901	9.3
12/4/99	13:15:00	47.66	493.7	9.45	7.94	4.891	11
12/4/99	13:30:00	47.71	493.3	9.53	7.94	4.89	9.7
12/4/99	13:45:00	47.79	492.7	9.46	7.94	4.886	8.8
12/4/99	14:00:00	47.86	493.7	9.59	7.95	4.873	9.3
12/4/99	14:15:00	47.88	492.1	9.47	7.92	4.87	10.4
12/4/99	14:30:00	47.93	491.7	9.41	7.92	4.871	9.5
12/4/99	14:45:00	48	492.6	9.29	7.92	4.871	9.8
12/4/99	15:00:00	48.02	492.4	9.33	7.93	4.875	9.3
12/4/99	15:15:00	48.07	492	9.64	7.94	4.874	8.5
12/4/99	15:30:00	48.11	491.7	9.58	7.94	4.876	7.9
12/4/99	15:45:00	48.15	491.5	9.6	7.94	4.879	7.6
12/4/99	16:00:00	48.24	489.4	9.53	7.94	4.875	8.9
12/4/99	16:15:00	48.33	488.7	9.68	7.95	4.875	11.3
12/4/99	16:30:00	48.38	488.3	9.75	7.95	4.878	8.8
12/4/99	16:45:00	48.42	488	9.76	7.96	4.883	8.1
12/4/99	17:00:00	48.49	487.5	9.92	7.97	4.884	11.3
12/4/99	17:15:00	48.58	486.8	10.05	7.98	4.891	10.5
12/4/99	17:30:00	48.65	486.3	10.38	8.01	4.894	12.7
12/4/99	17:45:00	48.69	484.6	10.47	8.02	4.899	13.1
12/4/99	18:00:00	48.67	484.7	10.69	8.05	4.904	8.4
12/4/99	18:15:00	48.65	482	10.94	8.07	4.911	9.9
12/4/99	18:30:00	48.51	483.1	11.29	8.11	4.921	7.3
12/4/99	18:45:00	48.56	481.2	11.12	8.1	4.919	8.2
12/4/99	19:00:00	48.42	478	11.34	8.12	4.918	7
12/4/99	19:15:00	48.31	474.4	11.63	8.15	4.916	6.1
12/4/99	19:30:00	48.34	472.8	11.51	8.14	4.91	7.7
12/4/99	19:45:00	48.34	471.3	11.46	8.14	4.919	7.3
12/4/99	20:00:00	48.27	471.8	11.52	8.15	4.918	7.2
12/4/99	20:15:00	48.27	470.4	11.51	8.14	4.916	6.9
12/4/99	20:30:00	48.22	469.3	11.62	8.16	4.908	6.1
12/4/99	20:45:00	48.22	469.3	11.56	8.15	4.911	6.5
12/4/99	21:00:00	48.16	469.7	11.65	8.17	4.915	5.9
12/4/99	21:15:00	48.16	469.7	11.67	8.17	4.918	5.9
12/4/99	21:30:00	48.16	468.3	11.71	8.18	4.913	7.4
12/4/99	21:45:00	48.15	468.4	11.63	8.17	4.916	7
12/4/99	22:00:00	48.15	468.4	11.56	8.16	4.903	7.4
12/4/99	22:15:00	48.09	468.8	11.5	8.16	4.911	5.9
12/4/99	22:30:00	48.09	467.4	11.66	8.18	4.912	5.5
12/4/99	22:45:00	48.02	467.9	11.54	8.17	4.907	6.5
12/4/99	23:00:00	48.06	466.2	11.67	8.19	4.913	6.1
12/4/99	23:15:00	48.04	466.3	11.67	8.2	4.921	5.2
12/4/99	23:30:00	48	466.6	11.67	8.2	4.913	9
12/4/99	23:45:00	48	465.1	11.67	8.21	4.913	5.8

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/5/99	0:00:00	47.98	465.2	11.67	8.21	4.912	5.9
12/5/99	0:15:00	47.97	465.4	11.7	8.21	4.911	5.2
12/5/99	0:30:00	48	465.1	11.7	8.23	4.913	5.4
12/5/99	0:45:00	47.97	465.4	11.67	8.23	4.906	5.4
12/5/99	1:00:00	47.95	465.5	11.64	8.23	4.904	6.5
12/5/99	1:15:00	47.91	465.8	11.6	8.22	4.901	8.2
12/5/99	1:30:00	47.93	465.6	11.52	8.22	4.905	6.5
12/5/99	1:45:00	47.93	467.1	11.46	8.23	4.896	6
12/5/99	2:00:00	47.88	468.9	11.3	8.23	4.9	6
12/5/99	2:15:00	47.84	467.7	11.36	8.23	4.898	6.7
12/5/99	2:30:00	47.79	469.6	11.17	8.22	4.892	6.1
12/5/99	2:45:00	47.68	470.3	11.09	8.22	4.894	6.4
12/5/99	3:00:00	47.64	470.6	11.05	8.21	4.886	6.2
12/5/99	3:15:00	47.57	471.1	10.99	8.21	4.88	6.3
12/5/99	3:30:00	47.5	471.6	10.9	8.2	4.877	6.1
12/5/99	3:45:00	47.41	472.3	10.85	8.2	4.876	6.8
12/5/99	4:00:00	47.34	472.8	10.79	8.19	4.878	5.9
12/5/99	4:15:00	47.26	473.4	10.71	8.18	4.882	5.4
12/5/99	4:30:00	47.16	472.7	10.66	8.18	4.877	5.5
12/5/99	4:45:00	47.08	473.2	10.62	8.17	4.879	5.4
12/5/99	5:00:00	47.05	473.5	10.56	8.16	4.885	5.6
12/5/99	5:15:00	46.9	474.5	10.5	8.15	4.887	5.7
12/5/99	5:30:00	46.81	473.7	10.47	8.15	4.891	4.8
12/5/99	5:45:00	46.72	474.4	10.41	8.14	4.891	5.4
12/5/99	6:00:00	46.62	473.7	10.34	8.13	4.891	5
12/5/99	6:15:00	46.54	474.3	10.3	8.12	4.886	5
12/5/99	6:30:00	46.42	475.2	10.26	8.11	4.887	4.4
12/5/99	6:45:00	46.36	474.1	10.21	8.11	4.889	4.6
12/5/99	7:00:00	46.26	474.9	10.18	8.1	4.895	4.8
12/5/99	7:15:00	46.18	474	10.14	8.09	4.893	4.1
12/5/99	7:30:00	46.08	474.8	10.11	8.09	4.888	4.5
12/5/99	7:45:00	46	475.3	10.07	8.08	4.889	4.2
12/5/99	8:00:00	45.9	476.2	10.04	8.07	4.888	4.2
12/5/99	8:15:00	45.88	474.8	10.02	8.07	4.893	4.3
12/5/99	8:30:00	45.81	475.3	9.98	8.06	4.898	4
12/5/99	8:45:00	45.68	474.8	9.95	8.05	4.891	4.3
12/5/99	9:00:00	45.7	474.7	9.92	8.05	4.889	4.3
12/5/99	9:15:00	45.59	475.5	9.93	8.04	4.89	4.3
12/5/99	9:30:00	45.52	476	9.9	8.04	4.891	4.1
12/5/99	9:45:00	45.5	474.7	9.89	8.03	4.89	3.7
12/5/99	10:00:00	45.48	474.8	9.88	8.03	4.89	4.1
12/5/99	10:15:00	45.46	474.9	9.87	8.02	4.893	3.8
12/5/99	10:30:00	45.5	476.2	9.87	8.02	4.887	3.7
12/5/99	10:45:00	45.48	474.8	9.88	8.02	4.885	3.8
12/5/99	11:00:00	45.52	476	9.89	8.02	4.879	3.7
12/5/99	11:15:00	45.52	476	9.88	8.02	4.873	3.5
12/5/99	11:30:00	45.54	475.9	9.88	8.02	4.868	4.1
12/5/99	11:45:00	45.57	475.6	9.88	8.01	4.865	3.4
12/5/99	12:00:00	45.63	475.2	9.86	8.01	4.861	3.3

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/5/99	12:15:00	45.68	474.8	9.87	8.01	4.854	3.4
12/5/99	12:30:00	45.73	475.9	9.88	8.01	4.847	3.5
12/5/99	12:45:00	45.84	475.1	9.89	8.01	4.845	3.6
12/5/99	13:00:00	45.95	475.7	10.07	8.01	4.839	3.4
12/5/99	13:15:00	46.04	475.1	10.05	8.01	4.838	2.9
12/5/99	13:30:00	46.09	476.2	10.02	8.01	4.829	3.4
12/5/99	13:45:00	46.08	476.3	9.98	8	4.82	3.6
12/5/99	14:00:00	46.18	475.5	9.98	8	4.82	4.4
12/5/99	14:15:00	46.27	474.8	9.98	8	4.812	3
12/5/99	14:30:00	46.31	476	9.97	8	4.811	3
12/5/99	14:45:00	46.42	475.2	10	8	4.809	3.4
12/5/99	15:00:00	46.51	476	10.12	8	4.809	3.6
12/5/99	15:15:00	46.62	475.2	10.15	8.01	4.811	3.2
12/5/99	15:30:00	46.74	475.7	10.35	8.02	4.814	3.3
12/5/99	15:45:00	46.81	475.2	10.36	8.02	4.821	3.8
12/5/99	16:00:00	46.92	475.9	10.37	8.02	4.82	3.9
12/5/99	16:15:00	47.03	476.6	10.39	8.03	4.815	3.9
12/5/99	16:30:00	47.14	475.8	10.43	8.03	4.82	3.9
12/5/99	16:45:00	47.32	477.3	10.48	8.03	4.82	5
12/5/99	17:00:00	47.5	477.5	10.66	8.05	4.817	4.7
12/5/99	17:15:00	47.59	478.3	10.79	8.05	4.817	5.7
12/5/99	17:30:00	47.66	479.2	10.8	8.05	4.818	5.7
12/5/99	17:45:00	47.79	479.7	10.77	8.06	4.82	6.7
12/5/99	18:00:00	47.88	480.5	10.75	8.05	4.828	6.5
12/5/99	18:15:00	48.04	483.6	10.84	8.07	4.828	8.6
12/5/99	18:30:00	48.15	485.7	10.82	8.07	4.834	9
12/5/99	18:45:00	48.22	488.1	10.8	8.07	4.832	10.5
12/5/99	19:00:00	48.43	493.6	11.08	8.11	4.833	10.6
12/5/99	19:15:00	48.54	494.2	11.18	8.13	4.838	10.8
12/5/99	19:30:00	48.58	496.8	11.31	8.15	4.845	9.9
12/5/99	19:45:00	48.61	499.4	11.36	8.16	4.846	9.8
12/5/99	20:00:00	48.63	502.2	11.36	8.16	4.85	9.3
12/5/99	20:15:00	48.67	504.7	11.36	8.17	4.854	9.8
12/5/99	20:30:00	48.7	510.2	11.47	8.18	4.858	11.1
12/5/99	20:45:00	48.7	511.6	11.51	8.19	4.855	11.2
12/5/99	21:00:00	48.83	510.6	11.53	8.2	4.861	10.3
12/5/99	21:15:00	48.74	512.8	11.51	8.21	4.861	11.4
12/5/99	21:30:00	48.78	513.9	11.53	8.22	4.862	11.6
12/5/99	21:45:00	48.78	513.9	11.5	8.22	4.869	10.8
12/5/99	22:00:00	48.74	514.2	11.52	8.21	4.873	10.3
12/5/99	22:15:00	48.74	515.6	11.54	8.23	4.875	11.1
12/5/99	22:30:00	48.78	515.3	11.56	8.24	4.874	11
12/5/99	22:45:00	48.78	516.8	11.53	8.25	4.865	10.1
12/5/99	23:00:00	48.78	516.8	11.53	8.25	4.864	12
12/5/99	23:15:00	48.72	517.2	11.49	8.24	4.875	10.2
12/5/99	23:30:00	48.74	518.5	11.48	8.25	4.876	11.3
12/5/99	23:45:00	48.7	517.3	11.42	8.25	4.878	14.6
12/6/99	0:00:00	48.78	518.2	11.4	8.26	4.879	10.6
12/6/99	0:15:00	48.76	518.3	11.38	8.26	4.88	12

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/6/99	0:30:00	48.72	518.6	11.35	8.26	4.874	11.6
12/6/99	0:45:00	48.76	519.8	11.29	8.27	4.874	12.6
12/6/99	1:00:00	48.67	519	11.25	8.26	4.88	11.4
12/6/99	1:15:00	48.72	520	11.18	8.26	4.874	9.6
12/6/99	1:30:00	48.65	520.6	11.15	8.26	4.868	11.1
12/6/99	1:45:00	48.7	521.6	11.08	8.26	4.865	12.9
12/6/99	2:00:00	48.72	521.5	11	8.26	4.866	12
12/6/99	2:15:00	48.7	523	10.89	8.26	4.865	13.1
12/6/99	2:30:00	48.7	523	10.79	8.25	4.862	11.7
12/6/99	2:45:00	48.7	523	10.8	8.25	4.87	11.9
12/6/99	3:00:00	48.69	523.2	10.72	8.25	4.869	11
12/6/99	3:15:00	48.7	523	10.57	8.24	4.867	12.6
12/6/99	3:30:00	48.65	523.5	10.59	8.25	4.86	12.3
12/6/99	3:45:00	48.61	525.2	10.3	8.22	4.857	13
12/6/99	4:00:00	48.61	525.2	10.32	8.23	4.856	11.8
12/6/99	4:15:00	48.54	525.8	10.13	8.21	4.855	12
12/6/99	4:30:00	48.54	525.8	10.19	8.22	4.854	13
12/6/99	4:45:00	48.42	526.8	9.99	8.2	4.847	13.4
12/6/99	5:00:00	48.45	526.5	9.97	8.2	4.853	16.4
12/6/99	5:15:00	48.33	527.5	9.89	8.19	4.855	12.3
12/6/99	5:30:00	48.25	526.6	9.82	8.18	4.857	11.6
12/6/99	5:45:00	48.29	527.8	9.82	8.18	4.856	11.9
12/6/99	6:00:00	48.16	527.4	9.75	8.17	4.861	12.1
12/6/99	6:15:00	48.09	527.9	9.67	8.16	4.867	11.5
12/6/99	6:30:00	48.04	528.4	9.65	8.16	4.856	11.5
12/6/99	6:45:00	48.06	528.2	9.62	8.15	4.851	11.3
12/6/99	7:00:00	48	527.2	9.56	8.14	4.854	13.6
12/6/99	7:15:00	47.93	527.8	9.5	8.13	4.85	11.8
12/6/99	7:30:00	47.8	528.8	9.46	8.12	4.849	11.6
12/6/99	7:45:00	47.82	528.7	9.42	8.12	4.854	11.8
12/6/99	8:00:00	47.75	529.3	9.39	8.11	4.845	11.1
12/6/99	8:15:00	47.73	529.4	9.35	8.1	4.854	11.2
12/6/99	8:30:00	47.66	530	9.31	8.1	4.855	11
12/6/99	8:45:00	47.62	528.8	9.28	8.09	4.856	12.3
12/6/99	9:00:00	47.59	530.6	9.25	8.08	4.846	11.2
12/6/99	9:15:00	47.53	529.6	9.23	8.08	4.854	9.9
12/6/99	9:30:00	47.46	530.2	9.22	8.07	4.862	10
12/6/99	9:45:00	47.48	530	9.19	8.06	4.866	10.6
12/6/99	10:00:00	47.46	530.2	9.2	8.06	4.872	11.2
12/6/99	10:15:00	47.46	530.2	9.19	8.06	4.87	10
12/6/99	10:30:00	47.48	530	9.17	8.05	4.867	11
12/6/99	10:45:00	47.48	530	9.17	8.05	4.872	10.3
12/6/99	11:00:00	47.5	531.3	9.17	8.05	4.867	11.6
12/6/99	11:15:00	47.48	531.5	9.18	8.04	4.862	10.5
12/6/99	11:30:00	47.5	531.3	9.16	8.04	4.86	10.6
12/6/99	11:45:00	47.53	531	9.2	8.04	4.853	9.6
12/6/99	12:00:00	47.55	530.9	9.19	8.04	4.842	9.7
12/6/99	12:15:00	47.57	530.7	9.18	8.04	4.831	10.9
12/6/99	12:30:00	47.59	532	9.17	8.04	4.823	9.3

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/6/99	12:45:00	47.64	531.6	9.17	8.03	4.811	10.6
12/6/99	13:00:00	47.68	531.3	9.19	8.03	4.806	9
12/6/99	13:15:00	47.71	531	9.19	8.03	4.804	9.9
12/6/99	13:30:00	47.79	531.9	9.31	8.04	4.799	9.2
12/6/99	13:45:00	47.82	531.6	9.38	8.04	4.795	9.9
12/6/99	14:00:00	47.86	532.7	9.39	8.04	4.791	10.2
12/6/99	14:15:00	47.93	532.1	9.5	8.04	4.787	9.6
12/6/99	14:30:00	47.98	531.7	9.56	8.04	4.777	9.4
12/6/99	14:45:00	48.04	532.7	9.57	8.04	4.763	10
12/6/99	15:00:00	48.04	532.7	9.48	8.03	4.758	9.8
12/6/99	15:15:00	48.11	532.1	9.29	8.02	4.756	9.4
12/6/99	15:30:00	48.18	531.5	9.37	8.02	4.753	10
12/6/99	15:45:00	48.22	532.7	9.4	8.02	4.755	9.3
12/6/99	16:00:00	48.27	532.2	9.37	8.02	4.753	10.4
12/6/99	16:15:00	48.31	532	9.43	8.02	4.756	9.5
12/6/99	16:30:00	48.42	532.5	9.45	8.02	4.753	9.1
12/6/99	16:45:00	48.51	531.8	9.44	8.02	4.756	12.4
12/6/99	17:00:00	48.63	532.2	9.5	8.03	4.768	10.9
12/6/99	17:15:00	48.79	532.3	9.78	8.04	4.77	10.6
12/6/99	17:30:00	48.78	532.5	9.87	8.04	4.761	10.7
12/6/99	17:45:00	48.79	533.7	9.74	8.03	4.754	9.9
12/6/99	18:00:00	48.88	533	9.86	8.05	4.751	9.8
12/6/99	18:15:00	48.92	532.7	10.09	8.07	4.753	10.1
12/6/99	18:30:00	48.96	532.4	10.52	8.09	4.752	9.7
12/6/99	18:45:00	48.97	532.3	10.36	8.08	4.756	9.2
12/6/99	19:00:00	49.01	533.4	10.23	8.06	4.757	12
12/6/99	19:15:00	49.03	533.3	10.23	8.09	4.757	10.4
12/6/99	19:30:00	49.03	533.3	10.67	8.12	4.765	10.3
12/6/99	19:45:00	49.03	531.9	10.94	8.15	4.759	8.9
12/6/99	20:00:00	49.03	531.9	10.78	8.14	4.754	9.3
12/6/99	20:15:00	49.01	530.6	10.96	8.15	4.755	9.6
12/6/99	20:30:00	48.99	529.3	11.16	8.18	4.762	9.3
12/6/99	20:45:00	48.97	528	11.25	8.18	4.755	9.2
12/6/99	21:00:00	48.97	528	11.09	8.17	4.759	8.9
12/6/99	21:15:00	48.96	528.2	10.96	8.15	4.758	10.7
12/6/99	21:30:00	48.97	526.6	11.16	8.19	4.764	9.7
12/6/99	21:45:00	48.97	526.6	11.36	8.21	4.761	8.3
12/6/99	22:00:00	49.01	524.9	11.33	8.22	4.754	8.9
12/6/99	22:15:00	49.03	524.8	11.32	8.22	4.764	8.3
12/6/99	22:30:00	49.03	524.8	11.35	8.22	4.767	9.7
12/6/99	22:45:00	49.08	524.3	11.49	8.24	4.768	9.2
12/6/99	23:00:00	49.08	524.3	11.49	8.24	4.768	8.4
12/6/99	23:15:00	49.06	524.5	11.44	8.24	4.779	9.1
12/6/99	23:30:00	49.05	523.2	11.46	8.25	4.778	8.8
12/6/99	23:45:00	49.08	522.9	11.45	8.26	4.777	8.5
12/7/99	0:00:00	49.08	522.9	11.43	8.26	4.777	9.1
12/7/99	0:15:00	49.08	522.9	11.44	8.27	4.775	8.2
12/7/99	0:30:00	49.08	522.9	11.45	8.27	4.779	7.9
12/7/99	0:45:00	49.06	523	11.42	8.27	4.779	8.1

12/7/99	1:00:00	49.08	522.9	11.4	8.28	4.78	9
12/7/99	1:15:00	49.14	522.5	11.3	8.28	4.782	8.4
12/7/99	1:30:00	49.08	522.9	11.28	8.28	4.78	8.1
12/7/99	1:45:00	49.05	523.2	11.24	8.27	4.779	10.3
12/7/99	2:00:00	49.1	522.8	11.2	8.27	4.784	8.2
12/7/99	2:15:00	49.06	523	11.16	8.27	4.788	7.9
12/7/99	2:30:00	49.08	522.9	10.88	8.27	4.788	8.9
12/7/99	2:45:00	49.05	523.2	10.96	8.27	4.79	8.5
12/7/99	3:00:00	49.03	523.3	10.86	8.26	4.783	9.1
12/7/99	3:15:00	48.99	523.6	10.84	8.26	4.774	9.3
12/7/99	3:30:00	48.92	524.2	10.64	8.26	4.773	8.9
12/7/99	3:45:00	48.87	523.2	10.54	8.25	4.777	9.6
12/7/99	4:00:00	48.83	524.9	10.45	8.25	4.762	9.4
12/7/99	4:15:00	48.76	524	10.39	8.24	4.76	9.7
12/7/99	4:30:00	48.69	524.6	10.25	8.23	4.751	10.1
12/7/99	4:45:00	48.63	525	10.17	8.23	4.752	10.3
12/7/99	5:00:00	48.6	525.3	10.17	8.23	4.751	10.2
12/7/99	5:15:00	48.52	524.5	10.08	8.22	4.753	9.7
12/7/99	5:30:00	48.51	524.6	10.07	8.22	4.751	9.2
12/7/99	5:45:00	48.43	525.2	9.95	8.21	4.744	8.9
12/7/99	6:00:00	48.4	525.5	9.92	8.21	4.747	10.6
12/7/99	6:15:00	48.31	524.8	9.83	8.2	4.746	9.9
12/7/99	6:30:00	48.27	526.5	9.78	8.19	4.747	10.4
12/7/99	6:45:00	48.2	525.6	9.73	8.19	4.748	10.3
12/7/99	7:00:00	48.13	526.2	9.68	8.18	4.743	9.8
12/7/99	7:15:00	48.04	526.9	9.6	8.17	4.735	10.5
12/7/99	7:30:00	48.02	527.1	9.57	8.16	4.741	10.1
12/7/99	7:45:00	47.95	527.7	9.52	8.16	4.743	11.8
12/7/99	8:00:00	47.91	526.5	9.48	8.15	4.744	10.6
12/7/99	8:15:00	47.82	527.2	9.43	8.14	4.746	10
12/7/99	8:30:00	47.77	527.7	9.4	8.14	4.751	10
12/7/99	8:45:00	47.73	528	9.37	8.13	4.747	8.1
12/7/99	9:00:00	47.7	528.3	9.33	8.12	4.749	11
12/7/99	9:15:00	47.7	528.3	9.3	8.12	4.75	9.6
12/7/99	9:30:00	47.64	528.7	9.28	8.11	4.751	10.1
12/7/99	9:45:00	47.61	529	9.25	8.11	4.763	9.2
12/7/99	10:00:00	47.61	529	9.26	8.11	4.761	9
12/7/99	10:15:00	47.59	529.1	9.26	8.1	4.759	13.1
12/7/99	10:30:00	47.59	529.1	9.26	8.1	4.761	9.1
12/7/99	10:45:00	47.62	530.3	9.26	8.09	4.762	9.2
12/7/99	11:00:00	47.62	530.3	9.26	8.09	4.759	8.3
12/7/99	11:15:00	47.66	530	9.25	8.09	4.753	8.4
12/7/99	11:30:00	47.7	529.7	9.26	8.09	4.756	8.2
12/7/99	11:45:00	47.79	530.4	9.26	8.09	4.754	8
12/7/99	12:00:00	47.79	530.4	9.28	8.09	4.749	9.3
12/7/99	12:15:00	47.88	529.7	9.33	8.09	4.75	9.3
12/7/99	12:30:00	47.89	529.5	9.33	8.09	4.748	8.4
12/7/99	12:45:00	47.98	530.3	9.4	8.09	4.741	9.2
12/7/99	13:00:00	48.15	530.4	9.51	8.09	4.733	8.2

12/7/99	13:15:00	48.22	531.2	9.54	8.08	4.736	8.5
12/7/99	13:30:00	48.33	531.8	9.62	8.09	4.735	8.4
12/7/99	13:45:00	48.47	532.1	9.75	8.09	4.733	8.9
12/7/99	14:00:00	48.6	532.5	9.82	8.09	4.734	8.4
12/7/99	14:15:00	48.7	533	9.86	8.1	4.736	8.3
12/7/99	14:30:00	48.83	532	9.99	8.1	4.734	8.7
12/7/99	14:45:00	48.94	532.6	10	8.1	4.734	8.4
12/7/99	15:00:00	49.01	532	10.06	8.11	4.736	7.9
12/7/99	15:15:00	49.14	532.4	10.21	8.12	4.739	7.4
12/7/99	15:30:00	49.19	533.4	10.31	8.12	4.743	8.4
12/7/99	15:45:00	49.26	532.8	10.36	8.13	4.744	12.2
12/7/99	16:00:00	49.3	532.5	10.42	8.13	4.744	8
12/7/99	16:15:00	49.42	532.9	10.5	8.14	4.743	9.6
12/7/99	16:30:00	49.46	532.7	10.51	8.14	4.749	8.6
12/7/99	16:45:00	49.51	532.2	10.64	8.15	4.751	9.2
12/7/99	17:00:00	49.53	533.5	10.73	8.16	4.755	8.8
12/7/99	17:15:00	49.57	533.2	10.88	8.17	4.758	10
12/7/99	17:30:00	49.57	533.2	10.9	8.17	4.764	9.3
12/7/99	17:45:00	49.59	533.1	10.95	8.18	4.77	8.4
12/7/99	18:00:00	49.59	534.5	11	8.18	4.775	16.2
12/7/99	18:15:00	49.55	533.4	11.14	8.2	4.782	9.6
12/7/99	18:30:00	49.42	534.4	11.57	8.24	4.79	9
12/7/99	18:45:00	49.35	533.5	11.66	8.26	4.794	9.5
12/7/99	19:00:00	49.32	535.2	11.62	8.25	4.796	10.3
12/7/99	19:15:00	49.26	534.2	11.64	8.26	4.793	9.4
12/7/99	19:30:00	49.15	535.1	11.74	8.27	4.796	9.5
12/7/99	19:45:00	49.14	535.3	11.68	8.27	4.799	8.6
12/7/99	20:00:00	49.12	535.4	11.7	8.28	4.795	9.7
12/7/99	20:15:00	49.06	534.4	11.73	8.28	4.805	9.7
12/7/99	20:30:00	49.01	534.9	11.74	8.29	4.809	10
12/7/99	20:45:00	48.99	535	11.72	8.29	4.807	10.4
12/7/99	21:00:00	48.97	535.1	11.71	8.29	4.813	9.4
12/7/99	21:15:00	48.96	535.3	11.65	8.28	4.805	10.5
12/7/99	21:30:00	48.88	535.9	11.75	8.3	4.812	9.7
12/7/99	21:45:00	48.85	534.7	11.71	8.3	4.809	10.6
12/7/99	22:00:00	48.81	536.5	11.67	8.29	4.807	10.1
12/7/99	22:15:00	48.79	535.2	11.76	8.32	4.807	9.1
12/7/99	22:30:00	48.76	535.5	11.63	8.29	4.813	11
12/7/99	22:45:00	48.74	535.6	11.65	8.31	4.805	11.2
12/7/99	23:00:00	48.72	535.8	11.65	8.31	4.811	10.2
12/7/99	23:15:00	48.67	536.2	11.56	8.29	4.812	11.8
12/7/99	23:30:00	48.63	535.1	11.61	8.31	4.817	10.3
12/7/99	23:45:00	48.61	535.2	11.65	8.32	4.814	9.6
12/8/99	0:00:00	48.58	535.5	11.63	8.32	4.814	9.1
12/8/99	0:15:00	48.54	535.8	11.64	8.33	4.817	10.6
12/8/99	0:30:00	48.52	535.9	11.64	8.33	4.813	12.1
12/8/99	0:45:00	48.49	536.2	11.62	8.33	4.812	10.4
12/8/99	1:00:00	48.45	536.5	11.62	8.35	4.805	10.9
12/8/99	1:15:00	48.42	536.8	11.54	8.37	4.795	10.9



12/8/99	1:30:00	48.34	536	11.53	8.37	4.794	9.7
12/8/99	1:45:00	48.27	536.6	11.44	8.38	4.794	11.5
12/8/99	2:00:00	48.24	536.9	11.39	8.38	4.795	10.6
12/8/99	2:15:00	48.13	537.7	11.28	8.38	4.799	11.4
12/8/99	2:30:00	48.06	536.9	11.24	8.37	4.797	10.6
12/8/99	2:45:00	47.98	537.5	11.16	8.37	4.793	10.9
12/8/99	3:00:00	47.89	538.2	11.06	8.37	4.787	10.3
12/8/99	3:15:00	47.84	538.7	11.02	8.37	4.784	10.6
12/8/99	3:30:00	47.75	538	10.94	8.36	4.785	9.9
12/8/99	3:45:00	47.68	537.1	10.87	8.36	4.78	10.5
12/8/99	4:00:00	47.62	539	10.82	8.35	4.776	11.1
12/8/99	4:15:00	47.53	538.3	10.74	8.35	4.772	10
12/8/99	4:30:00	47.46	538.9	10.67	8.35	4.774	10.9
12/8/99	4:45:00	47.39	538.1	10.59	8.34	4.769	11.3
12/8/99	5:00:00	47.32	538.7	10.55	8.33	4.765	11.7
12/8/99	5:15:00	47.19	539.7	10.47	8.33	4.769	9.9
12/8/99	5:30:00	47.12	538.8	10.41	8.32	4.774	11
12/8/99	5:45:00	47.03	539.6	10.35	8.31	4.773	10.8
12/8/99	6:00:00	46.94	538.9	10.28	8.31	4.775	10.4
12/8/99	6:15:00	46.83	539.8	10.23	8.3	4.777	11.3
12/8/99	6:30:00	46.72	540.7	10.17	8.29	4.782	11.1
12/8/99	6:45:00	46.69	541	10.12	8.28	4.778	10
12/8/99	7:00:00	46.58	540.5	10.07	8.28	4.778	10.8
12/8/99	7:15:00	46.47	541.4	10.03	8.27	4.775	10.9
12/8/99	7:30:00	46.4	540.5	9.97	8.26	4.783	11.9
12/8/99	7:45:00	46.27	541.6	9.94	8.25	4.787	12.4
12/8/99	8:00:00	46.24	541.9	9.88	8.24	4.792	11.7
12/8/99	8:15:00	46.18	542.3	9.85	8.23	4.792	10.7
12/8/99	8:30:00	46.02	542.2	9.82	8.22	4.79	11.3
12/8/99	8:45:00	45.95	542.9	9.79	8.22	4.789	10.5
12/8/99	9:00:00	45.9	543.3	9.76	8.21	4.785	11.3
12/8/99	9:15:00	45.82	543.9	9.74	8.2	4.786	10.4
12/8/99	9:30:00	45.77	542.9	9.72	8.19	4.782	11.2
12/8/99	9:45:00	45.77	542.9	9.71	8.18	4.776	10.5
12/8/99	10:00:00	45.72	543.4	9.69	8.17	4.775	10.7
12/8/99	10:15:00	45.66	543.8	9.7	8.16	4.765	9.9
12/8/99	10:30:00	45.68	543.7	9.71	8.16	4.764	11.3
12/8/99	10:45:00	45.68	545.2	9.71	8.16	4.766	10.8
12/8/99	11:00:00	45.68	543.7	9.71	8.16	4.76	11.1
12/8/99	11:15:00	45.72	544.9	9.75	8.15	4.748	9.2
12/8/99	11:30:00	45.72	544.9	9.73	8.15	4.746	10.4
12/8/99	11:45:00	45.75	544.6	9.73	8.15	4.743	10.6
12/8/99	12:00:00	45.79	544.3	9.72	8.15	4.735	9.8
12/8/99	12:15:00	45.79	545.7	9.71	8.15	4.723	10.2
12/8/99	12:30:00	45.84	543.8	9.73	8.15	4.722	8.5
12/8/99	12:45:00	45.9	544.8	9.74	8.15	4.709	8.9
12/8/99	13:00:00	45.93	544.5	9.79	8.15	4.693	10.1
12/8/99	13:15:00	45.97	545.7	9.79	8.15	4.687	8.5
12/8/99	13:30:00	46.02	545.2	9.75	8.15	4.689	13.9

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/8/99	13:45:00	46.08	544.8	9.81	8.15	4.683	8.8
12/8/99	14:00:00	46.09	544.6	9.83	8.15	4.677	8.8
12/8/99	14:15:00	46.18	543.8	10.02	8.15	4.685	9.4
12/8/99	14:30:00	46.2	545.2	9.97	8.15	4.677	9.6
12/8/99	14:45:00	46.22	545	9.91	8.14	4.669	9
12/8/99	15:00:00	46.27	544.5	9.85	8.14	4.665	9.2
12/8/99	15:15:00	46.31	545.7	9.84	8.14	4.667	10.7
12/8/99	15:30:00	46.36	545.3	9.8	8.14	4.67	11.6
12/8/99	15:45:00	46.45	544.5	9.84	8.14	4.67	9.3
12/8/99	16:00:00	46.58	544.9	9.84	8.14	4.668	8.8
12/8/99	16:15:00	46.62	544.6	9.94	8.14	4.666	8.7
12/8/99	16:30:00	46.72	545.1	10.22	8.14	4.669	9.3
12/8/99	16:45:00	46.76	544.8	10.23	8.14	4.674	9.9
12/8/99	17:00:00	46.8	546	10.28	8.14	4.67	11.3
12/8/99	17:15:00	46.89	545.2	10.45	8.16	4.67	11.9
12/8/99	17:30:00	46.94	546.2	10.62	8.16	4.669	10.5
12/8/99	17:45:00	46.98	545.9	10.56	8.16	4.669	11
12/8/99	18:00:00	46.99	545.8	10.65	8.16	4.666	9.6
12/8/99	18:15:00	47.03	545.5	10.74	8.17	4.663	9.8
12/8/99	18:30:00	47.05	545.3	11.06	8.19	4.672	9.7
12/8/99	18:45:00	47.05	545.3	11.08	8.2	4.681	10.8
12/8/99	19:00:00	46.9	542.1	12.23	8.29	4.671	8.5
12/8/99	19:15:00	46.8	531.3	12.66	8.32	4.662	7.1
12/8/99	19:30:00	46.69	526.3	13.06	8.36	4.657	6.3
12/8/99	19:45:00	46.6	524.1	13.21	8.37	4.653	5
12/8/99	20:00:00	46.51	521.8	13.41	8.39	4.652	5.1
12/8/99	20:15:00	46.45	519.3	13.55	8.4	4.657	5.9
12/8/99	20:30:00	46.4	516.8	13.65	8.41	4.656	4.7
12/8/99	20:45:00	46.45	517.8	13.54	8.4	4.647	4.8
12/8/99	21:00:00	46.35	515.8	13.76	8.43	4.642	4.5
12/8/99	21:15:00	46.31	513.1	13.91	8.45	4.647	3.5
12/8/99	21:30:00	46.24	515.2	14.04	8.47	4.637	3.4
12/8/99	21:45:00	46.29	513.2	13.9	8.45	4.634	4.8
12/8/99	22:00:00	46.2	512.5	14	8.48	4.609	2.6
12/8/99	22:15:00	46.22	512.3	13.96	8.47	4.596	2.8
12/8/99	22:30:00	46.27	513.4	13.84	8.45	4.593	3.8
12/8/99	22:45:00	46.26	512	13.91	8.45	4.597	4.3
12/8/99	23:00:00	46.18	512.6	14.16	8.49	4.591	2.1
12/8/99	23:15:00	46.24	512.2	13.93	8.46	4.57	3.8
12/8/99	23:30:00	46.18	511.1	14.01	8.48	4.587	3.4
12/8/99	23:45:00	46.18	511.1	14.09	8.49	4.615	2.4
12/9/99	0:00:00	46.18	509.7	14.04	8.48	4.609	2.4
12/9/99	0:15:00	46.17	508.3	14.12	8.5	4.596	2.6
12/9/99	0:30:00	46.17	508.3	14.08	8.5	4.572	1.7
12/9/99	0:45:00	46.2	508	14.11	8.51	4.544	2.9
12/9/99	1:00:00	46.2	508	14.06	8.5	4.534	3.1
12/9/99	1:15:00	46.18	508.2	14	8.51	4.54	6.1
12/9/99	1:30:00	46.22	507.9	14.01	8.52	4.537	5.7
12/9/99	1:45:00	46.22	507.9	14.06	8.52	4.522	1.3

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/9/99	2:00:00	46.26	507.6	14.12	8.54	4.54	1.7
12/9/99	2:15:00	46.26	506.1	14.14	8.55	4.58	1.8
12/9/99	2:30:00	46.27	506	13.99	8.56	4.577	1.1
12/9/99	2:45:00	46.27	504.5	13.94	8.56	4.576	2
12/9/99	3:00:00	46.31	504.2	13.89	8.57	4.568	1.3
12/9/99	3:15:00	46.29	504.3	13.87	8.57	4.561	1.7
12/9/99	3:30:00	46.31	504.2	13.77	8.58	4.559	2.1
12/9/99	3:45:00	46.29	501.4	13.76	8.57	4.576	2.2
12/9/99	4:00:00	46.33	501.1	13.73	8.58	4.569	1
12/9/99	4:15:00	46.36	500.8	13.62	8.58	4.569	2.1
12/9/99	4:30:00	46.38	500.7	13.5	8.58	4.567	1.6
12/9/99	4:45:00	46.38	499.2	13.4	8.58	4.564	0.9
12/9/99	5:00:00	46.4	499	13.29	8.58	4.571	2.6
12/9/99	5:15:00	46.42	498.9	13.12	8.58	4.571	2.1
12/9/99	5:30:00	46.44	498.8	12.95	8.57	4.583	3
12/9/99	5:45:00	46.45	498.6	12.77	8.57	4.597	1.3
12/9/99	6:00:00	46.49	498.3	12.47	8.55	4.679	3.2
12/9/99	6:15:00	46.51	495.2	11.89	8.52	4.788	2.5
12/9/99	6:30:00	46.42	497.4	11.03	8.38	4.885	13.6
12/9/99	6:45:00	46.38	503.6	10.35	8.21	4.971	41.2
12/9/99	7:00:00	46.51	484.9	10.1	8.12	5.041	44.9
12/9/99	7:15:00	46.74	450.7	10.04	8.05	5.079	42.4
12/9/99	7:30:00	46.99	421.1	10.03	7.98	5.095	43.1
12/9/99	7:45:00	47.23	397.6	10.01	7.94	5.085	44.7
12/9/99	8:00:00	47.34	382.4	9.98	7.92	5.06	43.2
12/9/99	8:15:00	47.44	362.8	9.94	7.9	5.035	39.9
12/9/99	8:30:00	47.55	344.7	9.91	7.88	5.005	40.8
12/9/99	8:45:00	47.61	334.3	9.88	7.87	4.979	40.2
12/9/99	9:00:00	47.68	317.9	9.85	7.85	4.967	36.8
12/9/99	9:15:00	47.73	306	9.84	7.83	4.959	47.4
12/9/99	9:30:00	47.79	297.1	9.83	7.83	4.967	38.1
12/9/99	9:45:00	47.84	285.3	9.84	7.81	4.974	39.3
12/9/99	10:00:00	47.89	276.3	9.85	7.79	4.983	37.9
12/9/99	10:15:00	47.97	267.4	9.86	7.79	4.984	33.9
12/9/99	10:30:00	48.04	261.3	9.86	7.78	4.976	33
12/9/99	10:45:00	48.13	258.1	9.85	7.78	4.968	33.1
12/9/99	11:00:00	48.29	251.7	9.87	7.78	4.952	34.6
12/9/99	11:15:00	48.38	245.6	9.91	7.77	4.937	32.1
12/9/99	11:30:00	48.43	242.5	9.93	7.77	4.921	28.9
12/9/99	11:45:00	48.51	237.9	9.99	7.77	4.909	31.8
12/9/99	12:00:00	48.54	236.4	10.02	7.77	4.896	29.5
12/9/99	12:15:00	48.63	234.6	10	7.77	4.888	26.1
12/9/99	12:30:00	48.76	234.2	10.05	7.78	4.881	25.7
12/9/99	12:45:00	48.96	236.3	10.13	7.79	4.882	23.7
12/9/99	13:00:00	48.96	236.3	10.12	7.78	4.873	26.2
12/9/99	13:15:00	49.21	239.7	10.21	7.8	4.869	22.4
12/9/99	13:30:00	49.24	242.4	10.22	7.8	4.864	24.3
12/9/99	13:45:00	49.42	247.4	10.28	7.82	4.862	22.7
12/9/99	14:00:00	49.46	250.1	10.28	7.82	4.856	26.3

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/9/99	14:15:00	49.6	253.8	10.33	7.83	4.854	17.8
12/9/99	14:30:00	49.66	256.4	10.35	7.84	4.853	19.4
12/9/99	14:45:00	49.86	261.2	10.4	7.85	4.856	18.9
12/9/99	15:00:00	50.05	266.1	10.49	7.88	4.857	19.9
12/9/99	15:15:00	50.16	269.8	10.55	7.88	4.858	19
12/9/99	15:30:00	50.22	272.4	10.57	7.89	4.864	18.2
12/9/99	15:45:00	50.34	274.7	10.6	7.9	4.867	19.1
12/9/99	16:00:00	50.63	277.7	10.72	7.93	4.863	19.5
12/9/99	16:15:00	50.56	279.4	10.68	7.92	4.861	18.1
12/9/99	16:30:00	50.79	279.8	10.78	7.94	4.865	16
12/9/99	16:45:00	50.68	281.6	10.72	7.94	4.865	16.1
12/9/99	17:00:00	50.74	281.4	10.75	7.94	4.859	17.5
12/9/99	17:15:00	50.81	282.5	10.79	7.95	4.866	15.5
12/9/99	17:30:00	50.83	283.8	10.75	7.95	4.862	15
12/9/99	17:45:00	50.86	283.7	10.82	7.96	4.864	15.6
12/9/99	18:00:00	50.85	285.1	10.81	7.96	4.879	17.1
12/9/99	18:15:00	50.88	285	10.8	7.97	4.905	18.1
12/9/99	18:30:00	50.88	286.4	10.82	7.98	4.937	16.3
12/9/99	18:45:00	50.81	288.1	10.81	7.99	4.948	17.8
12/9/99	19:00:00	50.74	289.7	10.76	7.98	4.952	19.4
12/9/99	19:15:00	50.65	290.1	10.68	7.97	4.953	17.8
12/9/99	19:30:00	50.54	290.6	10.54	7.96	4.949	15.6
12/9/99	19:45:00	50.41	291.1	10.48	7.95	4.951	18
12/9/99	20:00:00	50.25	286.2	10.44	7.94	4.951	16.6
12/9/99	20:15:00	50.14	282.5	10.38	7.93	4.953	18.6
12/9/99	20:30:00	49.91	277.9	10.33	7.91	4.956	15.5
12/9/99	20:45:00	49.93	272.2	10.27	7.9	4.964	17.7
12/9/99	21:00:00	49.84	265.5	10.2	7.88	4.959	20.1
12/9/99	21:15:00	49.6	263.6	10.15	7.86	4.955	20.1
12/9/99	21:30:00	49.57	256.7	10.09	7.84	4.955	24.4
12/9/99	21:45:00	49.46	251.5	9.99	7.82	4.958	22.6
12/9/99	22:00:00	49.37	251.8	9.94	7.81	4.954	20.1
12/9/99	22:15:00	49.33	249.1	9.9	7.8	4.955	24.2
12/9/99	22:30:00	49.32	247.8	9.86	7.79	4.955	25.5
12/9/99	22:45:00	49.24	248.1	9.83	7.78	4.958	26.1
12/9/99	23:00:00	49.15	247	9.73	7.77	4.952	25.7
12/9/99	23:15:00	49.1	247.2	9.66	7.76	4.957	28.4
12/9/99	23:30:00	49.08	245.8	9.59	7.75	4.966	26.7
12/9/99	23:45:00	48.96	246.3	9.52	7.74	4.961	29.1
12/10/99	0:00:00	48.92	246.4	9.49	7.74	4.958	26.6
12/10/99	0:15:00	48.85	246.7	9.44	7.73	4.957	25.9
12/10/99	0:30:00	48.76	245.6	9.37	7.72	4.962	27.8
12/10/99	0:45:00	48.6	246.2	9.31	7.71	4.965	28
12/10/99	1:00:00	48.58	246.3	9.26	7.71	4.967	30.6
12/10/99	1:15:00	48.47	246.7	9.25	7.7	4.973	31.4
12/10/99	1:30:00	48.42	246.9	9.23	7.7	4.968	27.1
12/10/99	1:45:00	48.2	247.7	9.2	7.7	4.969	25.6
12/10/99	2:00:00	48.18	247.8	9.19	7.69	4.968	27.3
12/10/99	2:15:00	47.97	250	9.19	7.7	4.954	27.2

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5204899

12/10/99	2:30:00	47.86	250.4	9.19	7.69	4.96	27.1
12/10/99	2:45:00	47.7	252.5	9.2	7.7	4.964	24.5
12/10/99	3:00:00	47.68	252.6	9.2	7.69	4.958	28.4
12/10/99	3:15:00	47.53	254.6	9.21	7.69	4.95	27.6
12/10/99	3:30:00	47.35	256.8	9.23	7.7	4.946	25.3
12/10/99	3:45:00	47.3	258.5	9.24	7.7	4.943	24.6
12/10/99	4:00:00	47.17	259	9.24	7.7	4.939	23.4
12/10/99	4:15:00	47.08	262.2	9.28	7.71	4.943	24.4
12/10/99	4:30:00	46.96	262.8	9.29	7.71	4.938	22.8
12/10/99	4:45:00	46.81	264.8	9.31	7.71	4.941	24.1
12/10/99	5:00:00	46.63	267	9.33	7.71	4.943	21.9
12/10/99	5:15:00	46.54	268.9	9.37	7.72	4.936	21.9
12/10/99	5:30:00	46.53	269	9.35	7.71	4.942	23.2
12/10/99	5:45:00	46.31	271.4	9.37	7.72	4.944	21.9
12/10/99	6:00:00	46.22	273.2	9.4	7.72	4.946	23.9
12/10/99	6:15:00	46.09	273.8	9.41	7.72	4.95	22.2
12/10/99	6:30:00	46.04	274	9.4	7.72	4.95	20.1
12/10/99	6:45:00	45.91	276.1	9.41	7.72	4.953	22
12/10/99	7:00:00	45.86	277.8	9.43	7.72	4.957	24.2
12/10/99	7:15:00	45.75	278.3	9.43	7.72	4.944	23.5
12/10/99	7:30:00	45.66	278.7	9.43	7.72	4.943	22.8
12/10/99	7:45:00	45.59	280.5	9.44	7.72	4.948	24
12/10/99	8:00:00	45.41	281.3	9.46	7.72	4.946	20.9
12/10/99	8:15:00	45.37	283	9.46	7.72	4.953	21.8
12/10/99	8:30:00	45.3	283.3	9.45	7.72	4.957	20.3
12/10/99	8:45:00	45.16	285.4	9.48	7.73	4.953	20.5
12/10/99	9:00:00	45.12	285.6	9.47	7.73	4.952	20.3
12/10/99	9:15:00	45.09	287.3	9.51	7.73	4.954	19.6
12/10/99	9:30:00	45.07	288.9	9.52	7.73	4.952	22
12/10/99	9:45:00	45.03	290.6	9.54	7.73	4.953	22.8
12/10/99	10:00:00	45.01	292.2	9.58	7.73	4.945	17.6
12/10/99	10:15:00	45	292.2	9.6	7.74	4.942	19
12/10/99	10:30:00	45.03	293.6	9.59	7.74	4.935	19.3
12/10/99	10:45:00	45.07	294.9	9.63	7.74	4.924	19.9
12/10/99	11:00:00	45.12	296.2	9.72	7.75	4.925	17.8
12/10/99	11:15:00	45.14	296.1	9.68	7.75	4.93	17.7
12/10/99	11:30:00	45.19	297.4	9.77	7.75	4.918	17.3
12/10/99	11:45:00	45.23	298.7	9.78	7.76	4.915	18.1
12/10/99	12:00:00	45.28	299.9	9.82	7.76	4.909	17.8
12/10/99	12:15:00	45.32	299.8	9.79	7.76	4.903	17.3
12/10/99	12:30:00	45.41	300.8	9.84	7.76	4.892	17.4
12/10/99	12:45:00	45.48	302	9.85	7.77	4.889	16.3
12/10/99	13:00:00	45.57	301.6	9.89	7.77	4.882	18.2
12/10/99	13:15:00	45.64	302.7	9.92	7.78	4.873	16.3
12/10/99	13:30:00	45.84	304.8	10.15	7.79	4.866	15.7
12/10/99	13:45:00	45.88	304.6	10.14	7.8	4.86	16.8
12/10/99	14:00:00	45.95	305.7	10.24	7.81	4.848	15.5
12/10/99	14:15:00	46.08	306.6	10.35	7.82	4.84	15.5
12/10/99	14:30:00	46.18	307.6	10.42	7.83	4.846	15.8

12/10/99	14:45:00	46.29	308.5	10.49	7.84	4.846	14.8
12/10/99	15:00:00	46.38	309.6	10.61	7.85	4.846	13.8
12/10/99	15:15:00	46.49	310.5	10.74	7.87	4.852	13.7
12/10/99	15:30:00	46.56	310.2	10.8	7.88	4.853	14.3
12/10/99	15:45:00	46.63	311.3	10.89	7.89	4.863	14.2
12/10/99	16:00:00	46.72	312.3	11.03	7.91	4.864	19.9
12/10/99	16:15:00	46.83	313.3	11.2	7.93	4.86	14.6
12/10/99	16:30:00	46.87	313.1	11.22	7.94	4.863	16.8
12/10/99	16:45:00	46.9	314.4	11.31	7.95	4.862	15.5
12/10/99	17:00:00	46.96	314.1	11.38	7.96	4.866	15.4
12/10/99	17:15:00	46.99	315.4	11.55	7.99	4.867	14.5
12/10/99	17:30:00	47.03	315.3	11.45	7.99	4.873	18
12/10/99	17:45:00	47.05	315.2	11.47	7.99	4.883	14.3
12/10/99	18:00:00	47.08	316.5	11.72	8.02	4.881	14.6
12/10/99	18:15:00	47.08	316.5	11.71	8.03	4.883	13.7
12/10/99	18:30:00	47.12	316.3	11.85	8.06	4.88	16.1
12/10/99	18:45:00	47.1	316.4	11.8	8.06	4.888	15.8
12/10/99	19:00:00	47.16	317.6	11.86	8.08	4.895	16
12/10/99	19:15:00	47.17	316	12.01	8.09	4.906	15.9
12/10/99	19:30:00	47.21	317.3	12.17	8.12	4.905	14.2
12/10/99	19:45:00	47.23	315.7	12.23	8.14	4.899	13.4
12/10/99	20:00:00	47.23	315.7	12.2	8.14	4.897	18.4
12/10/99	20:15:00	47.21	315.8	12.14	8.14	4.899	19.8
12/10/99	20:30:00	47.25	315.7	12.01	8.14	4.904	16.2
12/10/99	20:45:00	47.26	315.6	12.18	8.16	4.903	19.2
12/10/99	21:00:00	47.3	316.9	12.22	8.16	4.903	15.2
12/10/99	21:15:00	47.3	315.4	12.22	8.18	4.908	18.2
12/10/99	21:30:00	47.26	315.6	12.23	8.18	4.924	16
12/10/99	21:45:00	47.26	315.6	12.19	8.17	4.924	18.2
12/10/99	22:00:00	47.26	315.6	12.03	8.18	4.917	19.4
12/10/99	22:15:00	47.23	315.7	12.06	8.18	4.93	15.9
12/10/99	22:30:00	47.25	315.7	12.07	8.19	4.926	18.6
12/10/99	22:45:00	47.23	314.3	12.02	8.19	4.92	14.1
12/10/99	23:00:00	47.21	314.4	12.04	8.19	4.914	17
12/10/99	23:15:00	47.19	314.5	12.01	8.19	4.916	13.4
12/10/99	23:30:00	47.19	314.5	11.98	8.19	4.916	14.5
12/10/99	23:45:00	47.14	314.7	11.97	8.19	4.921	13.2
12/11/99	0:00:00	46.96	315.6	11.72	8.17	4.913	12.5

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
1/14/00	0:00:00	51.31	354.7	13.69	7.63	5.511	8.7
1/14/00	0:15:00	51.37	354.4	13.53	7.63	5.504	10.2
1/14/00	0:30:00	51.48	353.8	13.44	7.63	5.502	8.8
1/14/00	0:45:00	51.4	354.2	13.15	7.61	5.51	9.9
1/14/00	1:00:00	51.48	352.5	13.24	7.62	5.492	10.1
1/14/00	1:15:00	51.37	353	12.67	7.6	5.488	8.7
1/14/00	1:30:00	51.46	353.9	12.81	7.6	5.491	12.3
1/14/00	1:45:00	51.39	352.9	12.7	7.58	5.49	11.3
1/14/00	2:00:00	51.46	352.6	12.77	7.59	5.491	10.9
1/14/00	2:15:00	51.42	352.7	12.66	7.57	5.498	14
1/14/00	2:30:00	51.42	352.7	12.47	7.56	5.499	10.8
1/14/00	2:45:00	51.42	354.1	12.35	7.55	5.507	10.7
1/14/00	3:00:00	51.48	353.8	12.39	7.55	5.498	9.9
1/14/00	3:15:00	51.48	355.2	12.37	7.54	5.502	14.3
1/14/00	3:30:00	51.48	353.8	12.48	7.54	5.491	26.3
1/14/00	3:45:00	51.46	355.3	12.03	7.53	5.503	14.1
1/14/00	4:00:00	51.44	354	11.92	7.51	5.5	17.3
1/14/00	4:15:00	51.48	355.2	11.75	7.5	5.507	13.6
1/14/00	4:30:00	51.46	356.7	11.61	7.49	5.487	12
1/14/00	4:45:00	51.46	355.3	11.55	7.48	5.489	12.8
1/14/00	5:00:00	51.49	356.5	11.83	7.49	5.487	13.3
1/14/00	5:15:00	51.49	356.5	11.78	7.48	5.496	11.1
1/14/00	5:30:00	51.48	356.6	11.39	7.46	5.497	21
1/14/00	5:45:00	51.48	356.6	11.16	7.45	5.502	13.6
1/14/00	6:00:00	51.48	356.6	10.82	7.44	5.499	18.2
1/14/00	6:15:00	51.48	357.9	10.92	7.42	5.502	24.5
1/14/00	6:30:00	51.48	357.9	11.01	7.42	5.51	11.5
1/14/00	6:45:00	51.48	359.3	11.05	7.43	5.511	12.6
1/14/00	7:00:00	51.44	359.5	11.01	7.41	5.514	10.3
1/14/00	7:15:00	51.46	359.4	10.79	7.41	5.526	11.4
1/14/00	7:30:00	51.44	359.5	10.97	7.41	5.523	9.9
1/14/00	7:45:00	51.44	359.5	10.9	7.4	5.526	10.4
1/14/00	8:00:00	51.44	359.5	10.76	7.39	5.527	11.2
1/14/00	8:15:00	51.42	359.6	10.85	7.39	5.529	11
1/14/00	8:30:00	51.4	358.3	10.82	7.39	5.529	10.4
1/14/00	8:45:00	51.4	358.3	10.9	7.38	5.54	13
1/14/00	9:00:00	51.4	359.7	10.85	7.39	5.544	9.1
1/14/00	9:15:00	51.4	358.3	10.71	7.38	5.55	12.1
1/14/00	9:30:00	51.39	358.4	10.77	7.37	5.544	10.1
1/14/00	9:45:00	51.39	358.4	10.73	7.37	5.553	14
1/14/00	10:00:00	51.39	358.4	10.77	7.37	5.55	12.1
1/14/00	10:15:00	51.39	358.4	10.7	7.37	5.548	11.6
1/14/00	10:30:00	51.39	359.8	10.74	7.37	5.555	11.8
1/14/00	10:45:00	51.4	358.3	10.5	7.36	5.558	16.5
1/14/00	11:00:00	51.4	359.7	10.4	7.36	5.547	13.6
1/14/00	11:15:00	51.4	359.7	10.4	7.35	5.554	13.8
1/14/00	11:30:00	51.39	358.4	10.28	7.35	5.549	13.1

1/14/00	11:45:00	51.39	359.8	10.16	7.34	5.539	14
1/14/00	12:00:00	51.4	359.7	10.39	7.35	5.524	17.3
1/14/00	12:15:00	51.42	361	10.51	7.35	5.511	11.9
1/14/00	12:30:00	51.42	359.6	10.26	7.34	5.511	20
1/14/00	12:45:00	51.42	359.6	10.26	7.33	5.505	16.1
1/14/00	13:00:00	51.42	361	10.18	7.33	5.496	13.6
1/14/00	13:15:00	51.42	359.6	9.97	7.33	5.494	11.3
1/14/00	13:30:00	51.46	360.8	10.19	7.33	5.492	13.6
1/14/00	13:45:00	51.46	359.4	10.08	7.33	5.487	11.3
1/14/00	14:00:00	51.46	359.4	9.86	7.33	5.478	10.5
1/14/00	14:15:00	51.48	359.3	9.97	7.32	5.48	14.5
1/14/00	14:30:00	51.51	359.1	10.13	7.32	5.483	13.6
1/14/00	14:45:00	51.49	360.6	10.09	7.32	5.48	10.9
1/14/00	15:00:00	51.53	360.4	9.94	7.32	5.48	12.3
1/14/00	15:15:00	51.55	360.3	9.98	7.32	5.484	12.2
1/14/00	15:30:00	51.58	361.5	10.22	7.32	5.483	10.2
1/14/00	15:45:00	51.62	359.9	10.18	7.32	5.477	9.7
1/14/00	16:00:00	51.64	359.8	10.3	7.34	5.479	8.6
1/14/00	16:15:00	51.67	361	10.17	7.33	5.48	9.5
1/14/00	16:30:00	51.67	361	10.35	7.32	5.477	9.4
1/14/00	16:45:00	51.75	362	10.35	7.33	5.491	9.8
1/14/00	17:00:00	51.78	360.5	10.53	7.33	5.494	8.7
1/14/00	17:15:00	51.82	361.6	10.68	7.34	5.495	9
1/14/00	17:30:00	51.87	361.3	11.18	7.35	5.497	7.9
1/14/00	17:45:00	51.94	362.3	11.49	7.36	5.477	7.5
1/14/00	18:00:00	51.93	362.4	11.74	7.38	5.481	6.9
1/14/00	18:15:00	51.98	362.1	10.79	7.37	5.491	9.4
1/14/00	18:30:00	52.18	363.8	13.09	7.43	5.494	6.8
1/14/00	18:45:00	52.14	364	12.17	7.43	5.494	7
1/14/00	19:00:00	52.25	363.5	12.96	7.44	5.492	6.8
1/14/00	19:15:00	52.36	364.2	13.29	7.48	5.488	6.2
1/14/00	19:30:00	52.29	366	13.37	7.48	5.482	8.1
1/14/00	19:45:00	52.36	365.6	13.42	7.48	5.49	5.9
1/14/00	20:00:00	52.32	367.1	13.16	7.47	5.516	7.5
1/14/00	20:15:00	52.36	366.9	13.23	7.48	5.523	7
1/14/00	20:30:00	52.43	366.6	14.05	7.5	5.518	6
1/14/00	20:45:00	52.47	367.7	14.32	7.52	5.525	5.4
1/14/00	21:00:00	52.48	370.3	14.33	7.54	5.515	5.9
1/14/00	21:15:00	52.54	370.1	14.51	7.55	5.507	21.9
1/14/00	21:30:00	52.74	370.4	15.6	7.59	5.518	8.4
1/14/00	21:45:00	52.74	370.4	15.05	7.6	5.523	8.7
1/14/00	22:00:00	52.7	371.9	14.67	7.59	5.522	9.8
1/14/00	22:15:00	52.68	370.6	14.86	7.58	5.523	7.3
1/14/00	22:30:00	52.74	371.7	14.94	7.58	5.529	7.3
1/14/00	22:45:00	52.7	370.5	14.88	7.59	5.511	8.2
1/14/00	23:00:00	52.75	373	15.49	7.61	5.511	6.7
1/14/00	23:15:00	52.75	371.6	15.75	7.61	5.521	6.1
1/14/00	23:30:00	52.79	371.4	15.55	7.6	5.512	5
1/14/00	23:45:00	52.79	372.8	15.66	7.61	5.516	9.1



1/15/00	0:00:00	52.86	371	15.62	7.59	5.51	6.2
1/15/00	0:15:00	52.9	372.2	15.92	7.62	5.505	6
1/15/00	0:30:00	52.9	372.2	15.74	7.6	5.5	5.9
1/15/00	0:45:00	52.93	373.3	15.7	7.6	5.491	6.4
1/15/00	1:00:00	52.95	373.2	15.5	7.6	5.498	5.3
1/15/00	1:15:00	52.97	373.1	15.62	7.6	5.487	5.1
1/15/00	1:30:00	52.97	373.1	15.28	7.58	5.485	9.4
1/15/00	1:45:00	52.99	373.1	14.85	7.57	5.487	6.5
1/15/00	2:00:00	52.97	373.1	14.92	7.58	5.488	6.6
1/15/00	2:15:00	53.02	371.5	14.98	7.59	5.492	9
1/15/00	2:30:00	53.04	372.8	15.45	7.6	5.492	6.5
1/15/00	2:45:00	53.01	373	14.98	7.58	5.481	6.2
1/15/00	3:00:00	53.02	371.5	14.65	7.57	5.487	7.1
1/15/00	3:15:00	53.02	371.5	14.61	7.55	5.487	8.9
1/15/00	3:30:00	53.02	372.9	14.55	7.56	5.491	15.6
1/15/00	3:45:00	53.02	372.9	14.34	7.55	5.482	7.9
1/15/00	4:00:00	53.04	372.8	14.12	7.54	5.476	8.9
1/15/00	4:15:00	53.01	371.6	13.74	7.51	5.478	7.1
1/15/00	4:30:00	53.02	370.2	13.44	7.51	5.471	5.9
1/15/00	4:45:00	53.04	370.1	13.37	7.51	5.466	6.5
1/15/00	5:00:00	53.01	371.6	13.11	7.49	5.469	6.3
1/15/00	5:15:00	53.01	371.6	13.13	7.49	5.441	6.5
1/15/00	5:30:00	53.01	371.6	13.01	7.49	5.445	6.7
1/15/00	5:45:00	52.97	371.8	12.86	7.48	5.434	6.2
1/15/00	6:00:00	52.95	373.2	12.77	7.46	5.425	8.2
1/15/00	6:15:00	52.95	371.9	12.81	7.46	5.436	7.2
1/15/00	6:30:00	52.93	373.3	12.84	7.46	5.439	8.6
1/15/00	6:45:00	52.88	375	12.71	7.45	5.51	7.6
1/15/00	7:00:00	52.86	373.7	12.66	7.45	5.519	6.6
1/15/00	7:15:00	52.86	376.4	12.65	7.44	5.531	7.4
1/15/00	7:30:00	52.77	386.3	12.53	7.43	5.542	11
1/15/00	7:45:00	52.74	393.2	12.52	7.43	5.552	16
1/15/00	8:00:00	52.72	392	12.63	7.43	5.568	16.5
1/15/00	8:15:00	52.74	379.8	12.93	7.43	5.588	18
1/15/00	8:30:00	52.74	375.7	12.97	7.42	5.585	20.4
1/15/00	8:45:00	52.75	370.3	13.12	7.41	5.604	21.7
1/15/00	9:00:00	52.81	353.8	13.26	7.41	5.601	22.7
1/15/00	9:15:00	52.88	344.1	13.35	7.39	5.595	26.4
1/15/00	9:30:00	52.9	337.3	13.31	7.39	5.599	28.7
1/15/00	9:45:00	52.99	327.4	13.39	7.38	5.574	32
1/15/00	10:00:00	53.08	314.9	13.47	7.37	5.59	33.2
1/15/00	10:15:00	53.13	308	13.46	7.36	5.605	37.1
1/15/00	10:30:00	53.19	299.7	13.54	7.35	5.606	41.2
1/15/00	10:45:00	53.26	288.7	13.64	7.35	5.588	382.8
1/15/00	11:00:00	53.31	283.2	13.64	7.35	5.576	41.4
1/15/00	11:15:00	53.38	277.6	13.65	7.34	5.601	41.5
1/15/00	11:30:00	53.47	270.5	13.67	7.34	5.589	38.4
1/15/00	11:45:00	53.6	262.1	13.86	7.34	5.545	41.7
1/15/00	12:00:00	53.65	257.9	13.83	7.34	5.531	41.2

1/15/00	12:15:00	53.73	252.3	13.91	7.34	5.524	41
1/15/00	12:30:00	53.83	246.6	14.04	7.34	5.502	39.1
1/15/00	12:45:00	53.87	245.2	13.94	7.34	5.494	38.4
1/15/00	13:00:00	53.96	242.2	14.06	7.34	5.502	37.1
1/15/00	13:15:00	54.05	239.3	14.17	7.34	5.49	36.6
1/15/00	13:30:00	54.16	238.9	14.31	7.35	5.491	35.7
1/15/00	13:45:00	54.25	238.6	14.35	7.35	5.474	32.8
1/15/00	14:00:00	54.34	237	14.45	7.36	5.463	33.1
1/15/00	14:15:00	54.45	239.3	14.6	7.37	5.464	34
1/15/00	14:30:00	54.5	239.1	14.67	7.38	5.475	34
1/15/00	14:45:00	54.55	241.5	14.72	7.39	5.471	31
1/15/00	15:00:00	54.64	242.5	14.93	7.4	5.461	31.3
1/15/00	15:15:00	54.7	245	15.09	7.4	5.456	27.4
1/15/00	15:30:00	54.75	247.4	15.17	7.42	5.45	750.7
1/15/00	15:45:00	54.82	249.8	15.37	7.43	5.451	26.1
1/15/00	16:00:00	54.86	251	15.42	7.43	5.454	25.2
1/15/00	16:15:00	54.93	253.3	15.59	7.45	5.457	23
1/15/00	16:30:00	54.95	254.6	15.59	7.45	5.448	23.8
1/15/00	16:45:00	55	257	15.8	7.46	5.46	23
1/15/00	17:00:00	55.04	258.2	15.81	7.47	5.464	21.6
1/15/00	17:15:00	55.06	259.4	15.91	7.48	5.474	20.5
1/15/00	17:30:00	55.06	260.7	15.82	7.47	5.481	21.4
1/15/00	17:45:00	55.09	261.9	15.91	7.49	5.481	19.4
1/15/00	18:00:00	55.13	263	16.01	7.5	5.47	20.5
1/15/00	18:15:00	55.13	265.6	16.05	7.49	5.463	19.1
1/15/00	18:30:00	55.09	265.8	15.84	7.49	5.459	19.5
1/15/00	18:45:00	55.09	269.7	16.12	7.51	5.445	19.4
1/15/00	19:00:00	55.09	268.4	15.94	7.5	5.469	17.6
1/15/00	19:15:00	55.06	269.8	15.94	7.5	5.471	18.3
1/15/00	19:30:00	55.02	271.3	15.91	7.51	5.425	16.4
1/15/00	19:45:00	55	271.3	15.69	7.5	5.418	16.2
1/15/00	20:00:00	54.97	272.8	15.75	7.5	5.41	17.8
1/15/00	20:15:00	54.95	274.1	15.6	7.5	5.427	15.4
1/15/00	20:30:00	54.93	272.9	15.58	7.49	5.408	15.8
1/15/00	20:45:00	54.86	274.5	15.3	7.48	5.417	15.9
1/15/00	21:00:00	54.84	274.6	15.12	7.47	5.414	16.4
1/15/00	21:15:00	54.79	276.1	15.1	7.47	5.421	15.4
1/15/00	21:30:00	54.77	274.8	14.91	7.46	5.418	17.2
1/15/00	21:45:00	54.73	275	14.79	7.46	5.405	16.2
1/15/00	22:00:00	54.7	276.4	14.59	7.46	5.392	14.9
1/15/00	22:15:00	54.64	275.3	14.49	7.45	5.383	16.3
1/15/00	22:30:00	54.59	275.5	14.49	7.45	5.456	16.8
1/15/00	22:45:00	54.54	274.4	14.47	7.44	5.444	16.4
1/15/00	23:00:00	54.52	274.5	14.37	7.44	5.453	16.3
1/15/00	23:15:00	54.46	274.7	14.16	7.43	5.441	15.4
1/15/00	23:30:00	54.43	274.8	14.06	7.42	5.479	16.9
1/15/00	23:45:00	54.34	275.2	14.19	7.42	5.505	16.2
1/16/00	0:00:00	54.3	274	14.06	7.42	5.514	16.2
1/16/00	0:15:00	54.27	272.8	14.17	7.42	5.536	18.1

1/16/00	0:30:00	54.21	271.7	14.22	7.42	5.562	16.2
1/16/00	0:45:00	54.18	271.8	14.2	7.41	5.558	16.3
1/16/00	1:00:00	54.12	270.7	14.11	7.41	5.563	15.1
1/16/00	1:15:00	54.07	270.9	14.12	7.4	5.591	15.7
1/16/00	1:30:00	54	269.9	14.16	7.4	5.655	16.7
1/16/00	1:45:00	53.87	275.7	14.24	7.39	5.907	21.5
1/16/00	2:00:00	53.56	316.8	13.67	7.37	6.364	194.2
1/16/00	2:15:00	53.49	246.5	14.58	7.33	6.789	234.3
1/16/00	2:30:00	53.46	193.3	15.35	7.25	6.771	277.2
1/16/00	2:45:00	53.38	166.8	15.62	7.24	6.939	247.9
1/16/00	3:00:00	53.28	149.7	15.82	7.23	7.031	246.2
1/16/00	3:15:00	53.19	139.2	15.96	7.18	7.089	221.8
1/16/00	3:30:00	53.13	131.2	16.03	7.15	7.165	218.2
1/16/00	3:45:00	53.11	125.9	16.12	7.15	7.235	216.5
1/16/00	4:00:00	53.11	127.3	16.13	7.14	7.268	207.1
1/16/00	4:15:00	53.15	128.5	16.03	7.12	7.261	240.2
1/16/00	4:30:00	53.15	132.5	15.91	7.1	7.259	240.2
1/16/00	4:45:00	53.1	135.3	15.85	7.11	7.266	233.1
1/16/00	5:00:00	52.99	140.9	15.95	7.11	7.239	216
1/16/00	5:15:00	52.86	143.8	16.04	7.12	7.215	203.5
1/16/00	5:30:00	52.75	145.4	16.21	7.12	7.193	185.7
1/16/00	5:45:00	52.65	145.6	16.28	7.12	7.161	200.4
1/16/00	6:00:00	52.56	144.5	16.31	7.12	7.114	186.1
1/16/00	6:15:00	52.47	143.3	16.32	7.11	7.06	191.9
1/16/00	6:30:00	52.39	142.1	16.31	7.1	7.017	198.7
1/16/00	6:45:00	52.32	145	16.32	7.09	6.959	199.3
1/16/00	7:00:00	52.23	147.9	16.35	7.09	6.904	214
1/16/00	7:15:00	52.16	150.7	16.37	7.09	6.873	211.8
1/16/00	7:30:00	52.07	153.6	16.42	7.09	6.866	216.1
1/16/00	7:45:00	52.02	156.5	16.47	7.09	6.859	218.9
1/16/00	8:00:00	51.94	158	16.47	7.09	6.854	212.9
1/16/00	8:15:00	51.89	159.5	16.48	7.09	6.852	224.1
1/16/00	8:30:00	51.85	159.6	16.44	7.09	6.827	227
1/16/00	8:45:00	51.84	161	16.35	7.09	6.839	218.2
1/16/00	9:00:00	51.8	162.4	16.08	7.08	6.818	207.8
1/16/00	9:15:00	51.78	163.8	15.95	7.09	6.804	216.5
1/16/00	9:30:00	51.75	165.3	15.84	7.09	6.797	208.6
1/16/00	9:45:00	51.73	168.1	16.2	7.09	6.776	201.9
1/16/00	10:00:00	51.73	170.8	16.02	7.1	6.763	194.4
1/16/00	10:15:00	51.73	176.3	16.07	7.1	6.753	183.4
1/16/00	10:30:00	51.73	181.7	16.11	7.12	6.753	182.2
1/16/00	10:45:00	51.75	185.8	15.66	7.14	6.73	188.4
1/16/00	11:00:00	51.75	191.2	16.42	7.15	6.742	180.4
1/16/00	11:15:00	51.76	195.3	16.25	7.17	6.737	178.1
1/16/00	11:30:00	51.8	199.3	16.39	7.18	6.741	175.6
1/16/00	11:45:00	51.82	203.3	16.61	7.19	6.74	176.9
1/16/00	12:00:00	51.85	206	16.73	7.2	6.729	180.4
1/16/00	12:15:00	51.96	208.4	16.65	7.21	6.737	174.4
1/16/00	12:30:00	52.02	209.6	16.63	7.21	6.726	177.1

1/16/00	12:45:00	52.07	212.1	16.64	7.22	6.72	183.1
1/16/00	13:00:00	52.16	213.2	16.58	7.22	6.714	188.1
1/16/00	13:15:00	52.23	214.3	16.1	7.22	6.709	188.5
1/16/00	13:30:00	52.36	215.3	15.89	7.22	6.713	189.2
1/16/00	13:45:00	52.41	217.8	15.65	7.22	6.714	184.3
1/16/00	14:00:00	52.47	217.7	15.31	7.22	6.715	203.7
1/16/00	14:15:00	52.54	218.8	15.28	7.21	6.72	185.5
1/16/00	14:30:00	52.61	219.9	15.14	7.22	6.727	198.9
1/16/00	14:45:00	52.68	221	14.89	7.22	6.733	188.1
1/16/00	15:00:00	52.75	222.2	14.14	7.21	6.732	184.4
1/16/00	15:15:00	52.84	223.2	12.32	7.22	6.734	179.3
1/16/00	15:30:00	52.9	224.4	13.03	7.21	6.737	179.8
1/16/00	15:45:00	52.95	224.2	11.6	7.21	6.757	179.6
1/16/00	16:00:00	52.97	225.5	11.58	7.22	6.755	179.9
1/16/00	16:15:00	52.99	228.1	11.4	7.21	6.756	173.7
1/16/00	16:30:00	52.99	229.5	10.72	7.21	6.757	181.7
1/16/00	16:45:00	52.97	228.2	7.29	7.21	6.768	157
1/16/00	17:00:00	52.95	229.6	6.75	7.21	6.766	170.2
1/16/00	17:15:00	52.92	229.7	6.74	7.21	6.761	151.1
1/16/00	17:30:00	52.9	231.1	7.56	7.21	6.759	139.2
1/16/00	17:45:00	52.84	231.3	8.99	7.21	6.752	137.2
1/16/00	18:00:00	52.81	232.7	7.49	7.21	6.759	151.9
1/16/00	18:15:00	52.72	233	7.35	7.22	6.768	138.2
1/16/00	18:30:00	52.66	233.2	8.22	7.21	6.763	127.9
1/16/00	18:45:00	52.59	233.5	7.71	7.22	6.779	139
1/16/00	19:00:00	52.48	235.2	7.08	7.22	6.786	125.3
1/16/00	19:15:00	52.36	235.6	7.08	7.22	6.789	113
1/16/00	19:30:00	52.29	238.6	8.45	7.22	6.793	121.7
1/16/00	19:45:00	52.16	237.6	8.38	7.22	6.781	111
1/16/00	20:00:00	52.05	239.4	8.79	7.22	6.781	105
1/16/00	20:15:00	51.91	241.2	9.12	7.22	6.791	111.9
1/16/00	20:30:00	51.84	241.5	9.79	7.22	6.78	112.9
1/16/00	20:45:00	51.69	243.4	9.13	7.23	6.795	96.4
1/16/00	21:00:00	51.57	245.2	9.35	7.23	6.777	89.6
1/16/00	21:15:00	51.51	245.4	10.41	7.22	6.796	94.7
1/16/00	21:30:00	51.44	247	11.02	7.22	6.772	99.9
1/16/00	21:45:00	51.31	248.8	11.97	7.23	6.779	84
1/16/00	22:00:00	51.26	249	11.77	7.23	6.784	86.3
1/16/00	22:15:00	51.17	250.7	10.62	7.23	6.794	87
1/16/00	22:30:00	51.08	252.4	10.84	7.23	6.793	83.1
1/16/00	22:45:00	50.99	254.1	11.74	7.23	6.794	76.4
1/16/00	23:00:00	50.92	254.4	12.42	7.23	6.797	79.6
1/16/00	23:15:00	50.86	256	12.22	7.23	6.798	71.9
1/16/00	23:30:00	50.79	257.7	11.88	7.23	6.801	72.8
1/16/00	23:45:00	50.7	258	12.18	7.23	6.808	70.7
1/17/00	0:00:00	50.65	259.6	12.58	7.23	6.807	65.8
1/17/00	0:15:00	50.58	259.9	12.74	7.23	6.789	62.6
1/17/00	0:30:00	50.49	261.6	11.95	7.23	6.779	61.6
1/17/00	0:45:00	50.43	263.2	12.26	7.23	6.775	61

1/17/00	1:00:00	50.34	264.9	12.38	7.23	6.768	59.4
1/17/00	1:15:00	50.31	265.1	12.67	7.23	6.767	61.2
1/17/00	1:30:00	50.25	266.7	12.72	7.23	6.778	60.2
1/17/00	1:45:00	50.13	267.2	12.8	7.23	6.796	59.8
1/17/00	2:00:00	50.09	268.7	12.93	7.23	6.808	54.9
1/17/00	2:15:00	50.05	270.3	12.24	7.23	6.793	53.7
1/17/00	2:30:00	49.98	270.6	12.28	7.23	6.795	51.8
1/17/00	2:45:00	49.95	273.5	12.33	7.23	6.797	53.7
1/17/00	3:00:00	49.84	272.6	12.38	7.23	6.804	51.5
1/17/00	3:15:00	49.78	274.2	12.36	7.23	6.787	51.5
1/17/00	3:30:00	49.75	274.3	12.27	7.23	6.786	52.7
1/17/00	3:45:00	49.69	276	11.77	7.23	6.783	51.9
1/17/00	4:00:00	49.62	276.3	11.99	7.23	6.808	47.6
1/17/00	4:15:00	49.57	277.9	11.83	7.23	6.824	45.8
1/17/00	4:30:00	49.51	278.1	12.28	7.24	6.815	48.2
1/17/00	4:45:00	49.5	279.6	11.94	7.24	6.828	45
1/17/00	5:00:00	49.41	280	12.05	7.24	6.851	46.6
1/17/00	5:15:00	49.33	281.7	11.92	7.24	6.825	44.4
1/17/00	5:30:00	49.28	281.9	11.59	7.24	6.802	43.5
1/17/00	5:45:00	49.24	283.5	11.4	7.24	6.795	43.2
1/17/00	6:00:00	49.21	283.6	12.06	7.25	6.79	41.8
1/17/00	6:15:00	49.1	285.5	12.3	7.25	6.796	44.2
1/17/00	6:30:00	49.08	285.6	12.71	7.25	6.802	43.3
1/17/00	6:45:00	49.01	287.3	12.5	7.25	6.803	42.2
1/17/00	7:00:00	49.03	288.7	12.48	7.25	6.813	39.8
1/17/00	7:15:00	48.94	287.7	12.7	7.25	6.807	43.8
1/17/00	7:30:00	48.88	289.3	12.71	7.25	6.814	41.3
1/17/00	7:45:00	48.83	289.6	12.24	7.26	6.815	37.7
1/17/00	8:00:00	48.83	291	11.65	7.26	6.817	41.2
1/17/00	8:15:00	48.72	292.9	12.84	7.26	6.818	37.2
1/17/00	8:30:00	48.7	293	12.91	7.26	6.824	39.8
1/17/00	8:45:00	48.69	293	13.31	7.26	6.823	38
1/17/00	9:00:00	48.63	293.3	13.41	7.26	6.831	40.7
1/17/00	9:15:00	48.58	295	13.49	7.26	6.843	38.5
1/17/00	9:30:00	48.58	295	13.62	7.26	6.847	37.3
1/17/00	9:45:00	48.54	296.5	13.56	7.26	6.874	41.3
1/17/00	10:00:00	48.52	296.6	13.03	7.26	6.9	35.6
1/17/00	10:15:00	48.51	298.1	13.47	7.26	6.911	44.1
1/17/00	10:30:00	48.49	298.2	13.55	7.26	6.918	33.6
1/17/00	10:45:00	48.49	298.2	12.59	7.26	6.921	32.6
1/17/00	11:00:00	48.49	301.1	12.84	7.26	6.93	33
1/17/00	11:15:00	48.49	301.1	12.61	7.26	6.928	32.5
1/17/00	11:30:00	48.51	301	12.7	7.26	6.923	33.5
1/17/00	11:45:00	48.54	302.3	12.64	7.26	6.919	32.3
1/17/00	12:00:00	48.56	302.2	12.33	7.26	6.927	31.7
1/17/00	12:15:00	48.6	303.5	12.2	7.25	6.923	33.3
1/17/00	12:30:00	48.63	303.3	12.61	7.25	6.925	34.2
1/17/00	12:45:00	48.69	304.5	12.59	7.24	6.92	32
1/17/00	13:00:00	48.72	304.3	12.04	7.23	6.904	33.4

1/17/00	13:15:00	48.94	306.2	11.44	7.23	6.9	31.7
1/17/00	13:30:00	48.88	306.4	11.46	7.24	6.906	30.1
1/17/00	13:45:00	48.97	307.4	11.24	7.24	6.91	30.4
1/17/00	14:00:00	49.03	307.2	11.37	7.23	6.907	31.8
1/17/00	14:15:00	49.12	308.2	11.8	7.23	6.906	28.5
1/17/00	14:30:00	49.21	307.8	11.46	7.24	6.896	30.2
1/17/00	14:45:00	49.26	308.9	12.38	7.24	6.896	32.1
1/17/00	15:00:00	49.33	308.6	12.11	7.23	6.898	28.9
1/17/00	15:15:00	49.5	309.3	12.03	7.24	6.894	30.6
1/17/00	15:30:00	49.57	308.9	12.08	7.25	6.899	27.9
1/17/00	15:45:00	49.71	311.1	12.93	7.25	6.895	28.2
1/17/00	16:00:00	49.8	310.7	14.08	7.24	6.913	30.1
1/17/00	16:15:00	49.86	310.4	14.92	7.25	6.91	27.8
1/17/00	16:30:00	50.05	312.3	13.33	7.26	6.905	27.6
1/17/00	16:45:00	50.11	312	14.42	7.27	6.899	28.8
1/17/00	17:00:00	50.23	311.5	14.07	7.27	6.901	26.3
1/17/00	17:15:00	50.29	312.6	15.22	7.26	6.901	26.3
1/17/00	17:30:00	50.45	311.9	14.78	7.26	6.9	24
1/17/00	17:45:00	50.5	313	15.11	7.27	6.901	24.1
1/17/00	18:00:00	50.61	313.9	15.02	7.27	6.911	25
1/17/00	18:15:00	50.67	313.6	15.57	7.29	6.916	23.6
1/17/00	18:30:00	50.76	314.6	15.98	7.29	6.918	23.9
1/17/00	18:45:00	50.86	314.1	16.2	7.31	6.929	23.7
1/17/00	19:00:00	50.9	315.3	16.02	7.31	6.925	30.2
1/17/00	19:15:00	51.03	316.1	15.97	7.31	6.93	23
1/17/00	19:30:00	51.12	317.1	16.16	7.31	6.908	26.7
1/17/00	19:45:00	51.13	317	16.45	7.31	6.92	24.2
1/17/00	20:00:00	51.19	316.8	16.85	7.33	6.921	23.1
1/17/00	20:15:00	51.24	317.9	16.71	7.33	6.92	23.3
1/17/00	20:30:00	51.3	317.6	16.96	7.33	6.916	24.1
1/17/00	20:45:00	51.3	320.4	16.2	7.34	6.92	27
1/17/00	21:00:00	51.33	320.2	16.42	7.34	6.924	22
1/17/00	21:15:00	51.4	319.9	15.8	7.34	6.928	21.3
1/17/00	21:30:00	51.39	320	16.21	7.34	6.912	29.2
1/17/00	21:45:00	51.42	321.2	15.98	7.34	6.911	22.7
1/17/00	22:00:00	51.44	322.5	15.4	7.33	6.911	24.6
1/17/00	22:15:00	51.46	321	14.55	7.34	6.905	22.9
1/17/00	22:30:00	51.46	323.7	14.92	7.39	6.904	23.5
1/17/00	22:45:00	51.46	322.4	14.75	7.41	6.919	21.9
1/17/00	23:00:00	51.44	325.2	15.76	7.43	6.911	23.8
1/17/00	23:15:00	51.42	325.3	16.06	7.44	6.914	22
1/17/00	23:30:00	51.39	325.5	16.13	7.44	6.904	20.8
1/17/00	23:45:00	51.37	326.9	15.77	7.44	6.911	20.9
1/18/00	0:00:00	51.35	327	15.99	7.44	6.907	20
1/18/00	0:15:00	51.31	328.5	16.22	7.44	6.894	32
1/18/00	0:30:00	51.28	328.7	15.82	7.44	6.901	25.6
1/18/00	0:45:00	51.26	330.2	15.47	7.44	6.889	677.7
1/18/00	1:00:00	51.22	330.4	15.63	7.43	6.886	22.6
1/18/00	1:15:00	51.19	331.9	15.5	7.43	6.874	19.4

1/18/00	1:30:00	51.15	332.1	15.08	7.43	6.869	19.1
1/18/00	1:45:00	51.12	330.9	14.56	7.43	6.87	22.7
1/18/00	2:00:00	51.06	331.1	14.45	7.42	6.862	19.9
1/18/00	2:15:00	50.99	331.5	13.97	7.42	6.869	18.4
1/18/00	2:30:00	50.97	334.3	13.86	7.41	6.876	19.5
1/18/00	2:45:00	50.95	333	12.95	7.41	6.892	17.5
1/18/00	3:00:00	50.86	334.9	14.02	7.41	6.919	16.7
1/18/00	3:15:00	50.86	334.9	13.75	7.41	6.93	17.3
1/18/00	3:30:00	50.79	336.6	13.68	7.41	6.962	19.3
1/18/00	3:45:00	50.77	336.7	12.39	7.4	6.976	20.1
1/18/00	4:00:00	50.76	338.2	13.13	7.4	6.98	28.3
1/18/00	4:15:00	50.79	339.4	14.33	7.4	6.991	23.3
1/18/00	4:30:00	50.85	337.7	13.8	7.39	7.001	28.9
1/18/00	4:45:00	50.97	331.6	16.04	7.39	7.009	31.8
1/18/00	5:00:00	51.12	326.7	16.11	7.38	7.032	37.7
1/18/00	5:15:00	51.17	321	16.58	7.36	7.055	37.2
1/18/00	5:30:00	51.37	314.6	15.3	7.35	7.092	40.7
1/18/00	5:45:00	51.48	300.3	14.49	7.33	7.139	46.8
1/18/00	6:00:00	51.53	279.6	15.29	7.31	7.234	51.6
1/18/00	6:15:00	51.51	253.6	16.46	7.29	7.353	82.5
1/18/00	6:30:00	51.46	229.1	17.66	7.26	7.462	82.6
1/18/00	6:45:00	51.42	208.6	17.98	7.22	7.56	132
1/18/00	7:00:00	51.37	193.7	18.23	7.2	7.629	106
1/18/00	7:15:00	51.33	184.2	18.34	7.19	7.687	100.2
1/18/00	7:30:00	51.28	174.7	18.54	7.16	7.732	103.5
1/18/00	7:45:00	51.22	166.6	18.66	7.15	7.759	96.6
1/18/00	8:00:00	51.15	161.2	18.82	7.14	7.775	93.4
1/18/00	8:15:00	51.12	158.5	18.85	7.12	7.783	96.8
1/18/00	8:30:00	51.06	155.9	18.95	7.11	7.776	98.2
1/18/00	8:45:00	51.03	154.6	18.94	7.1	7.772	90.8
1/18/00	9:00:00	51.01	154.7	18.97	7.1	7.765	91.9
1/18/00	9:15:00	50.99	156.1	18.87	7.1	7.758	92.7
1/18/00	9:30:00	51.01	156	18.82	7.1	7.744	89.5
1/18/00	9:45:00	51.03	156	18.76	7.1	7.711	81.3
1/18/00	10:00:00	51.06	157.3	18.72	7.09	7.71	85.9
1/18/00	10:15:00	51.1	158.6	18.3	7.09	7.68	82.2
1/18/00	10:30:00	51.15	158.5	18.31	7.09	7.672	85.9
1/18/00	10:45:00	51.22	158.3	17.98	7.09	7.646	78.6
1/18/00	11:00:00	51.28	158.2	17.8	7.09	7.633	82.2
1/18/00	11:15:00	51.33	159.4	17.4	7.09	7.607	79
1/18/00	11:30:00	51.39	160.7	17.23	7.09	7.601	80.7
1/18/00	11:45:00	51.44	161.9	17.07	7.09	7.59	81.8
1/18/00	12:00:00	51.49	163.2	16.9	7.09	7.587	87.1
1/18/00	12:15:00	51.53	164.4	16.78	7.09	7.585	86.4
1/18/00	12:30:00	51.58	165.7	16.78	7.09	7.581	88
1/18/00	12:45:00	51.64	168.3	17.03	7.09	7.577	94.7
1/18/00	13:00:00	51.69	169.5	16.18	7.1	7.572	92.1
1/18/00	13:15:00	51.71	172.2	16.27	7.09	7.563	97.4
1/18/00	13:30:00	51.76	173.4	15.81	7.1	7.565	99.9

1/18/00	13:45:00	51.82	174.7	15.98	7.1	7.563	100.7
1/18/00	14:00:00	51.87	177.3	15.87	7.1	7.553	106.1
1/18/00	14:15:00	51.91	179.9	15.69	7.1	7.561	110.7
1/18/00	14:30:00	51.94	181.2	15.81	7.1	7.563	107.6
1/18/00	14:45:00	52	182.4	15.84	7.11	7.566	111.4
1/18/00	15:00:00	52.03	185	15.67	7.11	7.561	102.1
1/18/00	15:15:00	52.09	186.2	15.47	7.11	7.568	106.1
1/18/00	15:30:00	52.14	188.8	15.3	7.11	7.575	99.8
1/18/00	15:45:00	52.2	191.4	14.96	7.12	7.575	97.5
1/18/00	16:00:00	52.23	192.6	14.87	7.12	7.572	104.8
1/18/00	16:15:00	52.29	193.8	14.51	7.12	7.557	95.6
1/18/00	16:30:00	52.3	196.5	14.9	7.12	7.551	98.5
1/18/00	16:45:00	52.32	197.8	14.54	7.13	7.556	97.6
1/18/00	17:00:00	52.34	199.1	14.81	7.13	7.56	96.7
1/18/00	17:15:00	52.36	201.8	14.26	7.13	7.559	95.9
1/18/00	17:30:00	52.38	203.1	14.06	7.14	7.558	83.6
1/18/00	17:45:00	52.39	205.7	15.06	7.13	7.556	91.3
1/18/00	18:00:00	52.39	207.1	14.28	7.14	7.547	88.6
1/18/00	18:15:00	52.39	208.4	14.59	7.15	7.544	85.5
1/18/00	18:30:00	52.39	209.8	14.62	7.16	7.552	88.6
1/18/00	18:45:00	52.39	212.5	14.47	7.16	7.551	88
1/18/00	19:00:00	52.39	215.2	14.54	7.16	7.562	78.7
1/18/00	19:15:00	52.39	216.5	15.05	7.16	7.563	81.6
1/18/00	19:30:00	52.38	216.6	14.53	7.16	7.579	81.3
1/18/00	19:45:00	52.38	219.3	14.39	7.16	7.565	78.5
1/18/00	20:00:00	52.36	220.7	14.66	7.17	7.561	82.5
1/18/00	20:15:00	52.34	223.5	14.8	7.18	7.553	69.2
1/18/00	20:30:00	52.32	224.9	14.86	7.17	7.551	82.1
1/18/00	20:45:00	52.3	226.3	14.94	7.17	7.548	78.8
1/18/00	21:00:00	52.3	227.7	14.19	7.18	7.544	74.5
1/18/00	21:15:00	52.29	230.4	14.15	7.18	7.54	77.6
1/18/00	21:30:00	52.29	233.1	14.41	7.18	7.538	76.8
1/18/00	21:45:00	52.27	234.6	13.15	7.18	7.551	72.3
1/18/00	22:00:00	52.27	235.9	13.68	7.18	7.55	71.4
1/18/00	22:15:00	52.25	238.7	13.56	7.18	7.532	68.5
1/18/00	22:30:00	52.25	238.7	13.81	7.19	7.538	67.6
1/18/00	22:45:00	52.23	241.5	12.24	7.19	7.524	68.5
1/18/00	23:00:00	52.23	242.8	12.83	7.19	7.522	67.8
1/18/00	23:15:00	52.23	245.5	11.7	7.19	7.513	67.1
1/18/00	23:30:00	52.23	246.9	14.3	7.19	7.508	67.5
1/18/00	23:45:00	52.21	249.7	12.62	7.19	7.508	67.9
1/19/00	0:00:00	52.21	249.7	13.61	7.19	7.504	61.9
1/19/00	0:15:00	52.21	252.4	12.69	7.19	7.5	63.9
1/19/00	0:30:00	52.23	255	12.93	7.2	7.498	63
1/19/00	0:45:00	52.23	255	13.44	7.2	7.505	70.1
1/19/00	1:00:00	52.23	257.7	13.12	7.2	7.491	65
1/19/00	1:15:00	52.23	259.1	12.35	7.19	7.486	59.4
1/19/00	1:30:00	52.25	260.4	12.68	7.2	7.481	56.4
1/19/00	1:45:00	52.25	260.4	12.17	7.2	7.483	60.9



1/19/00	2:00:00	52.25	263.1	12.37	7.21	7.477	54.9
1/19/00	2:15:00	52.27	263	12.02	7.21	7.472	55.4
1/19/00	2:30:00	52.29	265.7	11.99	7.21	7.487	54
1/19/00	2:45:00	52.3	265.6	12.08	7.21	7.485	50.9
1/19/00	3:00:00	52.32	268.2	11.89	7.22	7.484	53.8
1/19/00	3:15:00	52.32	268.2	12.19	7.21	7.474	49.7
1/19/00	3:30:00	52.34	270.9	12.13	7.22	7.474	49.6
1/19/00	3:45:00	52.38	272.1	11.89	7.22	7.473	46.1
1/19/00	4:00:00	52.39	273.4	11.96	7.23	7.466	46.2
1/19/00	4:15:00	52.39	274.7	12.31	7.23	7.46	52.1
1/19/00	4:30:00	52.41	276	11.81	7.23	7.46	47
1/19/00	4:45:00	52.45	277.2	11.35	7.24	7.46	47
1/19/00	5:00:00	52.47	278.5	11.29	7.24	7.45	46.1
1/19/00	5:15:00	52.48	279.8	11.93	7.24	7.454	42
1/19/00	5:30:00	52.5	281.1	11.73	7.24	7.45	44.3
1/19/00	5:45:00	52.54	282.3	11.05	7.25	7.448	43.1
1/19/00	6:00:00	52.52	282.3	10.52	7.24	7.447	47.9
1/19/00	6:15:00	52.54	285	10.39	7.24	7.445	40.9
1/19/00	6:30:00	52.56	284.9	10.42	7.24	7.446	40.6
1/19/00	6:45:00	52.57	287.5	9.54	7.23	7.432	40.3
1/19/00	7:00:00	52.59	287.4	9.69	7.24	7.429	39.4
1/19/00	7:15:00	52.61	288.7	9.53	7.23	7.426	39.1
1/19/00	7:30:00	52.63	288.6	9.3	7.24	7.417	40.7
1/19/00	7:45:00	52.65	289.9	10.58	7.24	7.408	42.2
1/19/00	8:00:00	52.65	291.3	11.24	7.25	7.405	41.3
1/19/00	8:15:00	52.68	292.5	9.72	7.25	7.406	37.8
1/19/00	8:30:00	52.68	292.5	9.85	7.25	7.412	40
1/19/00	8:45:00	52.7	295.1	9.61	7.25	7.411	38.6
1/19/00	9:00:00	52.72	296.4	9.6	7.26	7.422	38
1/19/00	9:15:00	52.75	296.2	9.18	7.26	7.436	39.4
1/19/00	9:30:00	52.79	296.1	9.38	7.25	7.438	37.1
1/19/00	9:45:00	52.79	297.4	9.45	7.26	7.435	38
1/19/00	10:00:00	52.81	298.7	9.63	7.25	7.444	36.2
1/19/00	10:15:00	52.83	299.9	9.09	7.26	7.456	36.6
1/19/00	10:30:00	52.84	299.9	8.87	7.26	7.459	39.4
1/19/00	10:45:00	52.88	302.4	8.54	7.26	7.469	37.3
1/19/00	11:00:00	52.9	303.7	9.1	7.27	7.473	38.3
1/19/00	11:15:00	52.93	303.5	9	7.27	7.468	36.3
1/19/00	11:30:00	52.97	303.3	9.06	7.27	7.468	35.6
1/19/00	11:45:00	53.01	304.5	9.06	7.28	7.472	39.6
1/19/00	12:00:00	53.06	307	8.65	7.28	7.475	35.2
1/19/00	12:15:00	53.11	306.7	9.17	7.29	7.484	34.7
1/19/00	12:30:00	53.2	309	9.06	7.3	7.509	34
1/19/00	12:45:00	53.28	308.7	8.94	7.31	7.5	41.7
1/19/00	13:00:00	53.37	311	8.91	7.33	7.552	38.8
1/19/00	13:15:00	53.49	314.4	9.82	7.35	7.525	43.3
1/19/00	13:30:00	53.64	313.8	11.12	7.36	7.521	48.9
1/19/00	13:45:00	53.78	313.2	10.98	7.36	7.51	52
1/19/00	14:00:00	53.91	311.3	11.77	7.36	7.513	55.4

1/19/00	14:15:00	54.12	309.	11.8	7.36	7.53	56.1
1/19/00	14:30:00	54.25	308.5	10.85	7.35	7.531	53
1/19/00	14:45:00	54.37	306.6	10.34	7.34	7.527	58.1
1/19/00	15:00:00	54.5	304.8	11.54	7.33	7.524	58.8
1/19/00	15:15:00	54.66	302.8	9.91	7.33	7.52	64.5
1/19/00	15:30:00	54.79	302.2	10.67	7.32	7.518	59.1
1/19/00	15:45:00	54.86	301.9	9.3	7.31	7.518	62.8
1/19/00	16:00:00	54.95	298.9	9.36	7.3	7.494	59.7
1/19/00	16:15:00	55	298.7	9.1	7.3	7.525	59.8
1/19/00	16:30:00	55.11	295.7	9.27	7.29	7.52	59
1/19/00	16:45:00	55.15	294.2	8.78	7.28	7.522	61.5
1/19/00	17:00:00	55.2	291.4	8.39	7.28	7.485	59.1
1/19/00	17:15:00	55.2	291.4	8.4	7.27	7.485	56.6
1/19/00	17:30:00	55.24	288.7	8.17	7.26	7.489	56.8
1/19/00	17:45:00	55.26	287.3	7.72	7.25	7.485	56.3
1/19/00	18:00:00	55.27	285.9	7.86	7.24	7.487	57.7
1/19/00	18:15:00	55.27	284.6	7.36	7.24	7.483	67.6
1/19/00	18:30:00	55.26	283.4	8.35	7.23	7.484	59.8
1/19/00	18:45:00	55.27	283.3	8.56	7.23	7.482	56.9
1/19/00	19:00:00	55.27	280.7	8.93	7.23	7.48	55.9
1/19/00	19:15:00	55.27	279.4	9.17	7.22	7.473	54.2
1/19/00	19:30:00	55.27	276.8	8.85	7.22	7.486	64.4
1/19/00	19:45:00	55.26	276.9	9.09	7.21	7.491	65.1
1/19/00	20:00:00	55.26	275.6	8.79	7.21	7.491	60.2
1/19/00	20:15:00	55.26	274.3	8.38	7.21	7.503	56.6
1/19/00	20:30:00	55.24	274.4	8.23	7.21	7.488	55.1
1/19/00	20:45:00	55.24	274.4	8.39	7.21	7.489	56.5
1/19/00	21:00:00	55.2	275.8	8.68	7.2	7.498	56.4
1/19/00	21:15:00	55.18	274.6	8.56	7.21	7.5	56.9
1/19/00	21:30:00	55.13	274.8	9.54	7.2	7.505	54.9
1/19/00	21:45:00	55.11	276.1	10.65	7.21	7.507	59.2
1/19/00	22:00:00	55.08	275	10.65	7.2	7.51	56.9
1/19/00	22:15:00	55.02	275.2	10.59	7.21	7.513	53.5
1/19/00	22:30:00	54.95	276.8	11.44	7.21	7.515	55.7
1/19/00	22:45:00	54.9	278.3	10.33	7.21	7.508	54.4
1/19/00	23:00:00	54.84	278.5	11.29	7.21	7.512	56.7
1/19/00	23:15:00	54.75	278.8	11.59	7.21	7.514	63.5
1/19/00	23:30:00	54.68	280.4	12.64	7.21	7.515	56.7
1/19/00	23:45:00	54.61	282	12.2	7.21	7.517	56.8
1/20/00	0:00:00	54.52	282.4	12.09	7.22	7.511	69.5
1/20/00	0:15:00	54.45	282.6	11.91	7.21	7.514	70.6
1/20/00	0:30:00	54.36	284.3	13.08	7.21	7.511	53.1
1/20/00	0:45:00	54.27	284.7	11.84	7.21	7.516	46
1/20/00	1:00:00	54.19	285	12.43	7.21	7.517	55.6
1/20/00	1:15:00	54.14	285.2	12.93	7.21	7.51	47.4
1/20/00	1:30:00	54.07	285.5	12.34	7.21	7.504	50.8
1/20/00	1:45:00	54	287.1	12.03	7.21	7.503	44.8
1/20/00	2:00:00	53.94	287.3	11.69	7.21	7.503	41.4
1/20/00	2:15:00	53.87	287.6	11.91	7.21	7.511	41.4

1/20/00	2:30:00	53.87	287.6	11.13	7.22	7.493	42.8
1/20/00	2:45:00	53.83	287.7	11.07	7.22	7.494	46.2
1/20/00	3:00:00	53.76	288	11.22	7.22	7.48	42.3
1/20/00	3:15:00	53.76	288	11.51	7.22	7.465	44.5
1/20/00	3:30:00	53.73	289.5	12.3	7.22	7.46	44.8
1/20/00	3:45:00	53.69	291	11.75	7.22	7.458	48
1/20/00	4:00:00	53.65	291.1	11.48	7.22	7.463	42.1
1/20/00	4:15:00	53.65	292.4	11.59	7.22	7.447	47.4
1/20/00	4:30:00	53.62	291.3	12.06	7.22	7.425	41.8
1/20/00	4:45:00	53.56	291.5	11.27	7.22	7.426	41.4
1/20/00	5:00:00	53.56	292.8	11.48	7.22	7.422	41.1
1/20/00	5:15:00	53.55	292.9	11.82	7.23	7.422	47.8
1/20/00	5:30:00	53.51	293	12.24	7.22	7.427	41.9
1/20/00	5:45:00	53.47	293.2	11.68	7.23	7.423	38
1/20/00	6:00:00	53.46	293.3	12.07	7.23	7.419	43.9
1/20/00	6:15:00	53.4	293.5	11.99	7.23	7.42	37.5
1/20/00	6:30:00	53.37	293.6	12.22	7.23	7.42	35
1/20/00	6:45:00	53.33	293.8	11.78	7.23	7.413	34.8
1/20/00	7:00:00	53.35	293.7	12.13	7.23	7.414	36.7
1/20/00	7:15:00	53.31	293.9	11.68	7.23	7.418	34.7
1/20/00	7:30:00	53.29	295.3	11.8	7.24	7.412	34.7
1/20/00	7:45:00	53.28	295.4	11.59	7.24	7.41	33.7
1/20/00	8:00:00	53.2	295.7	11.75	7.24	7.406	32.2
1/20/00	8:15:00	53.2	295.7	12.22	7.24	7.398	33.5
1/20/00	8:30:00	53.19	295.7	12.25	7.24	7.403	35.2
1/20/00	8:45:00	53.13	296	12.05	7.24	7.413	31.8
1/20/00	9:00:00	53.13	296	12.19	7.24	7.402	34.4
1/20/00	9:15:00	53.13	296	12.88	7.25	7.399	38.9
1/20/00	9:30:00	53.11	297.4	13.61	7.25	7.403	39.6
1/20/00	9:45:00	53.1	297.4	12.57	7.24	7.399	42.2
1/20/00	10:00:00	53.1	297.4	12.44	7.25	7.396	36.6
1/20/00	10:15:00	53.1	297.4	12.91	7.24	7.394	39.3
1/20/00	10:30:00	53.1	298.8	12.61	7.25	7.389	36
1/20/00	10:45:00	53.1	300.1	12.48	7.25	7.377	35.1
1/20/00	11:00:00	53.1	298.8	12.57	7.25	7.37	33.9
1/20/00	11:15:00	53.11	300	12.85	7.25	7.359	35.2
1/20/00	11:30:00	53.13	298.6	12.74	7.25	7.359	36.4
1/20/00	11:45:00	53.17	298.5	13.72	7.25	7.354	32.1
1/20/00	12:00:00	53.19	298.4	13.74	7.24	7.336	30.4
1/20/00	12:15:00	53.2	299.7	13.18	7.24	7.333	32.4
1/20/00	12:30:00	53.28	299.4	13.19	7.24	7.331	33
1/20/00	12:45:00	53.33	300.5	13.14	7.24	7.319	28.9
1/20/00	13:00:00	53.38	298.9	15.02	7.24	7.312	28.8
1/20/00	13:15:00	53.47	298.5	12.99	7.25	7.262	26.7
1/20/00	13:30:00	53.55	299.5	14.31	7.23	7.235	26.3
1/20/00	13:45:00	53.62	299.2	13.66	7.23	7.221	26.3
1/20/00	14:00:00	53.73	300.1	13.61	7.23	7.206	26.7
1/20/00	14:15:00	53.8	299.8	13.47	7.23	7.21	25.6
1/20/00	14:30:00	53.92	299.3	13.79	7.24	7.204	25.3

1/20/00	14:45:00	54.01	298.9	13.17	7.24	7.197	24.9
1/20/00	15:00:00	54.1	299.8	13.79	7.26	7.192	24.8
1/20/00	15:15:00	54.25	299.2	15.56	7.25	7.189	23.6
1/20/00	15:30:00	54.3	300.3	14.95	7.24	7.191	48.7
1/20/00	15:45:00	54.43	299.8	13.7	7.25	7.19	26.9
1/20/00	16:00:00	54.55	300.6	12.94	7.24	7.196	26.9
1/20/00	16:15:00	54.66	301.5	12.78	7.24	7.183	53.1
1/20/00	16:30:00	54.77	299.7	12.82	7.24	7.193	27.4
1/20/00	16:45:00	54.84	300.7	12.35	7.24	7.19	25.8
1/20/00	17:00:00	54.9	300.5	12.96	7.23	7.185	26.6
1/20/00	17:15:00	54.99	301.4	12.38	7.24	7.173	26.8
1/20/00	17:30:00	55.06	302.4	11.92	7.25	7.17	26.6
1/20/00	17:45:00	55.09	302.3	12.15	7.26	7.171	52.9
1/20/00	18:00:00	55.13	302.1	16.43	7.29	7.173	22.6
1/20/00	18:15:00	55.17	304.6	14.38	7.25	7.17	24.1
1/20/00	18:30:00	55.22	304.3	13.13	7.23	7.171	23.8
1/20/00	18:45:00	55.22	305.6	12.74	7.23	7.16	21.7
1/20/00	19:00:00	55.29	305.3	12.22	7.23	7.149	22.2
1/20/00	19:15:00	55.27	305.4	12.05	7.24	7.143	21.9
1/20/00	19:30:00	55.27	306.7	12.13	7.25	7.135	21.7
1/20/00	19:45:00	55.29	306.6	12.52	7.25	7.145	22
1/20/00	20:00:00	55.27	308	12.07	7.27	7.139	20
1/20/00	20:15:00	55.24	308.2	12.21	7.3	7.137	23.7
1/20/00	20:30:00	55.2	309.6	13.49	7.32	7.127	20.5
1/20/00	20:45:00	55.15	311.1	13.93	7.33	7.134	23.2
1/20/00	21:00:00	55.08	311.5	15.57	7.34	7.121	25.4
1/20/00	21:15:00	55.04	311.6	15.1	7.35	7.134	20.1
1/20/00	21:30:00	55	311.8	14.1	7.36	7.117	19.1
1/20/00	21:45:00	54.86	312.4	14.57	7.36	7.128	19.9
1/20/00	22:00:00	54.81	312.6	14.4	7.36	7.128	19.6
1/20/00	22:15:00	54.75	312.9	14.18	7.36	7.124	23
1/20/00	22:30:00	54.64	313.3	15.19	7.37	7.122	20.3
1/20/00	22:45:00	54.57	313.6	13.55	7.37	7.114	216.4
1/20/00	23:00:00	54.52	313.9	13.29	7.37	7.112	19.8
1/20/00	23:15:00	54.43	315.6	13.08	7.37	7.112	19
1/20/00	23:30:00	54.36	315.9	13.85	7.37	7.095	18.4
1/20/00	23:45:00	54.28	316.2	13.59	7.37	7.092	18.5
1/21/00	0:00:00	54.21	316.5	14.44	7.36	7.096	19.5

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5200300

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
1/22/00	0:00:00	53.74	245.6	9.05	7.34	6.864	53.5
1/22/00	0:15:00	53.65	248.6	8.9	7.35	6.86	49.2
1/22/00	0:30:00	53.6	251.4	8.85	7.35	6.855	50.5
1/22/00	0:45:00	53.51	254.4	8.83	7.35	6.854	52.1
1/22/00	1:00:00	53.42	257.4	8.84	7.36	6.847	46.4
1/22/00	1:15:00	53.33	259.1	8.84	7.36	6.843	46.4
1/22/00	1:30:00	53.31	259.1	8.82	7.36	6.84	48.3
1/22/00	1:45:00	53.2	260.9	8.85	7.36	6.832	45.2
1/22/00	2:00:00	53.19	260.9	8.82	7.36	6.822	42.9
1/22/00	2:15:00	53.13	261.1	8.85	7.36	6.817	43.5
1/22/00	2:30:00	53.06	260.1	8.84	7.36	6.812	41.7
1/22/00	2:45:00	53.04	260.1	8.83	7.35	6.805	42.4
1/22/00	3:00:00	52.97	259.1	8.85	7.35	6.793	43
1/22/00	3:15:00	52.97	257.7	8.79	7.35	6.787	40.8
1/22/00	3:30:00	52.93	256.5	8.8	7.34	6.784	41.7
1/22/00	3:45:00	52.9	255.3	8.78	7.34	6.78	47.2
1/22/00	4:00:00	52.84	254.1	8.8	7.33	6.772	46.5
1/22/00	4:15:00	52.81	252.9	8.77	7.33	6.767	44.4
1/22/00	4:30:00	52.75	250.4	8.8	7.32	6.762	44.1
1/22/00	4:45:00	52.7	249.3	8.78	7.32	6.756	49.1
1/22/00	5:00:00	52.68	248	8.79	7.31	6.752	48.4
1/22/00	5:15:00	52.63	246.8	8.79	7.31	6.751	48.3
1/22/00	5:30:00	52.59	247	8.78	7.3	6.749	51.8
1/22/00	5:45:00	52.56	245.7	8.8	7.3	6.743	53.6
1/22/00	6:00:00	52.5	245.9	8.78	7.3	6.739	53.6
1/22/00	6:15:00	52.48	246	8.78	7.3	6.734	54.9
1/22/00	6:30:00	52.45	244.8	8.79	7.3	6.73	57.4
1/22/00	6:45:00	52.41	244.9	8.77	7.29	6.724	58.1
1/22/00	7:00:00	52.38	245	8.78	7.29	6.713	58.6
1/22/00	7:15:00	52.34	245.1	8.8	7.29	6.71	61.6
1/22/00	7:30:00	52.32	245.2	8.78	7.29	6.707	62.7
1/22/00	7:45:00	52.32	245.2	8.77	7.29	6.705	59.6
1/22/00	8:00:00	52.29	245.3	8.77	7.29	6.698	61.7
1/22/00	8:15:00	52.29	245.3	8.71	7.28	6.698	61.3
1/22/00	8:30:00	52.27	246.8	8.7	7.28	6.69	60.6
1/22/00	8:45:00	52.25	246.8	8.77	7.29	6.685	61.3
1/22/00	9:00:00	52.21	248.3	8.79	7.29	6.691	61.4
1/22/00	9:15:00	52.23	248.2	8.73	7.29	6.693	63.9
1/22/00	9:30:00	52.23	249.6	8.75	7.29	6.691	61.1
1/22/00	9:45:00	52.23	251	8.76	7.29	6.696	61.5
1/22/00	10:00:00	52.25	250.9	8.73	7.29	6.69	61.9
1/22/00	10:15:00	52.25	252.2	8.72	7.29	6.7	59.9
1/22/00	10:30:00	52.29	252.1	8.73	7.29	6.697	57.7
1/22/00	10:45:00	52.29	253.5	8.72	7.29	6.692	57
1/22/00	11:00:00	52.32	254.7	8.71	7.29	6.683	56.8
1/22/00	11:15:00	52.34	256	8.69	7.29	6.68	55.9
1/22/00	11:30:00	52.36	255.9	8.67	7.3	6.667	57.3

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5200300

1/22/00	11:45:00	52.41	257.1	8.69	7.3	6.658	55.2
1/22/00	12:00:00	52.45	258.3	8.69	7.3	6.65	54.9
1/22/00	12:15:00	52.5	259.4	8.67	7.3	6.641	55.2
1/22/00	12:30:00	52.59	260.5	8.73	7.3	6.626	53.2
1/22/00	12:45:00	52.63	261.7	8.74	7.31	6.616	52.2
1/22/00	13:00:00	52.77	262.5	8.8	7.31	6.604	50.6
1/22/00	13:15:00	52.86	263.5	8.83	7.32	6.59	49.7
1/22/00	13:30:00	52.92	266	8.84	7.32	6.576	51
1/22/00	13:45:00	53.01	268.3	8.85	7.32	6.568	49.1
1/22/00	14:00:00	53.17	269	8.92	7.34	6.559	46.8
1/22/00	14:15:00	53.35	269.7	9.01	7.35	6.552	46.1
1/22/00	14:30:00	53.47	271.9	9.02	7.36	6.549	45.7
1/22/00	14:45:00	53.6	274	9.1	7.36	6.539	45.6
1/22/00	15:00:00	53.67	275.1	9.06	7.37	6.536	44.4
1/22/00	15:15:00	53.8	277.3	9.17	7.38	6.533	43.3
1/22/00	15:30:00	53.94	279.3	9.24	7.39	6.527	44.5
1/22/00	15:45:00	54.01	280.4	9.19	7.4	6.521	41.2
1/22/00	16:00:00	54.19	281	9.33	7.41	6.515	39.9
1/22/00	16:15:00	54.3	281.9	9.43	7.43	6.506	41
1/22/00	16:30:00	54.36	284.3	9.42	7.44	6.502	37.6
1/22/00	16:45:00	54.41	284.1	9.42	7.44	6.497	37.4
1/22/00	17:00:00	54.5	285.1	9.52	7.45	6.488	41.3
1/22/00	17:15:00	54.59	287.3	9.52	7.46	6.481	36.4
1/22/00	17:30:00	54.66	289.7	9.63	7.48	6.471	34.8
1/22/00	17:45:00	54.73	289.4	9.62	7.48	6.471	34.9
1/22/00	18:00:00	54.81	290.4	9.73	7.5	6.478	33
1/22/00	18:15:00	54.9	292.6	9.74	7.51	6.478	33.3
1/22/00	18:30:00	54.93	292.5	9.76	7.52	6.483	32.6
1/22/00	18:45:00	54.95	293.7	9.75	7.52	6.483	32.7
1/22/00	19:00:00	55	294.8	9.76	7.54	6.474	31.7
1/22/00	19:15:00	55	296.1	9.74	7.53	6.465	32
1/22/00	19:30:00	55	297.4	9.67	7.53	6.458	31.2
1/22/00	19:45:00	55.02	298.6	9.72	7.54	6.444	31.2
1/22/00	20:00:00	55.02	301.3	9.72	7.56	6.45	30.6
1/22/00	20:15:00	55	302.6	9.61	7.55	6.437	30.8
1/22/00	20:30:00	54.99	305.3	9.58	7.56	6.432	29.3
1/22/00	20:45:00	54.97	309.3	9.53	7.57	6.427	30.4
1/22/00	21:00:00	54.93	312.1	9.49	7.57	6.434	32
1/22/00	21:15:00	54.9	313.5	9.44	7.57	6.434	26.4
1/22/00	21:30:00	54.86	313.7	9.39	7.57	6.437	27.6
1/22/00	21:45:00	54.81	315.2	9.3	7.56	6.433	26.3
1/22/00	22:00:00	54.77	316.7	9.25	7.56	6.434	26.6
1/22/00	22:15:00	54.73	316.9	9.21	7.56	6.426	25.5
1/22/00	22:30:00	54.68	318.4	9.15	7.55	6.422	25.4
1/22/00	22:45:00	54.63	320	9.09	7.55	6.421	26.5
1/22/00	23:00:00	54.59	320.1	9.04	7.54	6.421	26.3
1/22/00	23:15:00	54.55	320.3	8.98	7.54	6.421	25.3
1/22/00	23:30:00	54.5	321.8	8.94	7.53	6.412	24.9
1/22/00	23:45:00	54.45	322.1	8.9	7.53	6.411	23.8

1/23/00	0:00:00	54.41	323.6	8.86	7.53	6.404	22.1
1/23/00	0:15:00	54.36	323.8	8.82	7.52	6.393	21.6
1/23/00	0:30:00	54.32	325.3	8.78	7.52	6.386	22.1
1/23/00	0:45:00	54.27	325.5	8.76	7.51	6.384	22.2
1/23/00	1:00:00	54.21	325.8	8.72	7.51	6.382	20.9
1/23/00	1:15:00	54.18	327.3	8.67	7.5	6.376	20.4
1/23/00	1:30:00	54.12	327.5	8.66	7.5	6.369	21
1/23/00	1:45:00	54.1	327.6	8.63	7.5	6.373	22.1
1/23/00	2:00:00	54.03	329.2	8.59	7.49	6.373	20
1/23/00	2:15:00	53.98	330.8	8.58	7.49	6.381	19.3
1/23/00	2:30:00	53.94	331	8.53	7.49	6.384	19.1
1/23/00	2:45:00	53.89	332.6	8.55	7.49	6.383	19.3
1/23/00	3:00:00	53.85	332.7	8.53	7.48	6.388	19.4
1/23/00	3:15:00	53.8	333	8.51	7.48	6.39	19
1/23/00	3:30:00	53.71	334.7	8.49	7.48	6.399	19.1
1/23/00	3:45:00	53.65	336.3	8.48	7.48	6.409	18.3
1/23/00	4:00:00	53.64	337.7	8.45	7.48	6.421	18.3
1/23/00	4:15:00	53.53	342.2	8.42	7.47	6.437	18.6
1/23/00	4:30:00	53.51	345	8.4	7.48	6.428	18.4
1/23/00	4:45:00	53.47	346.5	8.37	7.48	6.426	18.7
1/23/00	5:00:00	53.46	347.9	8.34	7.48	6.441	19.1
1/23/00	5:15:00	53.46	347.9	8.33	7.48	6.443	20.5
1/23/00	5:30:00	53.46	347.9	8.35	7.47	6.444	20.8
1/23/00	5:45:00	53.49	346.4	8.33	7.47	6.447	23.4
1/23/00	6:00:00	53.53	344.9	8.36	7.47	6.454	21.5
1/23/00	6:15:00	53.55	344.8	8.34	7.46	6.457	23.7
1/23/00	6:30:00	53.64	343	8.38	7.46	6.47	25.1
1/23/00	6:45:00	53.64	341.7	8.36	7.45	6.45	25
1/23/00	7:00:00	53.67	338.9	8.35	7.45	6.455	24.4
1/23/00	7:15:00	53.71	336.1	8.37	7.44	6.441	26.7
1/23/00	7:30:00	53.73	330.7	8.32	7.43	6.449	25.5
1/23/00	7:45:00	53.74	326.6	8.31	7.42	6.444	28.2
1/23/00	8:00:00	53.76	318.5	8.28	7.41	6.445	27
1/23/00	8:15:00	53.76	315.9	8.26	7.41	6.444	25.1
1/23/00	8:30:00	53.76	306.6	8.26	7.39	6.445	33.6
1/23/00	8:45:00	53.76	301.3	8.25	7.39	6.435	29.2
1/23/00	9:00:00	53.74	294.7	8.23	7.38	6.444	26.8
1/23/00	9:15:00	53.73	290.8	8.21	7.37	6.455	29
1/23/00	9:30:00	53.71	285.6	8.19	7.36	6.468	26.9
1/23/00	9:45:00	53.71	282.9	8.18	7.36	6.476	27.5
1/23/00	10:00:00	53.69	279	8.19	7.35	6.491	26.8
1/23/00	10:15:00	53.64	273.9	8.22	7.35	6.491	26.2
1/23/00	10:30:00	53.64	272.6	8.21	7.34	6.494	25.2
1/23/00	10:45:00	53.64	271.2	8.21	7.34	6.495	25.1
1/23/00	11:00:00	53.62	271.3	8.25	7.34	6.496	23.8
1/23/00	11:15:00	53.62	271.3	8.25	7.34	6.488	24.1
1/23/00	11:30:00	53.64	269.9	8.27	7.34	6.472	22.9
1/23/00	11:45:00	53.64	269.9	8.31	7.34	6.47	24.5
1/23/00	12:00:00	53.65	269.8	8.32	7.35	6.463	23.6

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5200300

1/23/00	12:15:00	53.67	268.5	8.36	7.35	6.456	24.3
1/23/00	12:30:00	53.69	267.1	8.35	7.35	6.431	23.6
1/23/00	12:45:00	53.71	267	8.38	7.35	6.44	23.7
1/23/00	13:00:00	53.74	265.5	8.4	7.35	6.431	23.2
1/23/00	13:15:00	53.76	265.5	8.37	7.34	6.427	22.7
1/23/00	13:30:00	53.78	265.4	8.39	7.34	6.417	23.2
1/23/00	13:45:00	53.82	263.9	8.42	7.35	6.423	24.3
1/23/00	14:00:00	53.85	263.8	8.42	7.34	6.423	26.8
1/23/00	14:15:00	53.87	265.1	8.44	7.34	6.424	25.6
1/23/00	14:30:00	53.92	264.9	8.47	7.34	6.427	24.1
1/23/00	14:45:00	53.98	266	8.49	7.34	6.425	24.7
1/23/00	15:00:00	53.98	266	8.51	7.34	6.431	24.3
1/23/00	15:15:00	54.05	268.3	8.53	7.34	6.431	30.3
1/23/00	15:30:00	54.09	268.2	8.55	7.35	6.439	24.2
1/23/00	15:45:00	54.14	272	8.64	7.36	6.441	24.7
1/23/00	16:00:00	54.14	272	8.6	7.36	6.455	24.1
1/23/00	16:15:00	54.21	274.3	8.6	7.37	6.477	25.4
1/23/00	16:30:00	54.23	275.6	8.58	7.37	6.478	25.2
1/23/00	16:45:00	54.27	278.1	8.63	7.39	6.493	25.6
1/23/00	17:00:00	54.3	280.6	8.58	7.39	6.505	26.1
1/23/00	17:15:00	54.34	281.8	8.58	7.4	6.511	26.6
1/23/00	17:30:00	54.37	284.2	8.6	7.41	6.515	25
1/23/00	17:45:00	54.41	285.4	8.61	7.41	6.52	25.5
1/23/00	18:00:00	54.43	286.7	8.61	7.42	6.528	27.5
1/23/00	18:15:00	54.45	287.9	8.61	7.43	6.533	25.8
1/23/00	18:30:00	54.46	287.8	8.59	7.43	6.539	28.8
1/23/00	18:45:00	54.48	289.1	8.59	7.43	6.548	26.6
1/23/00	19:00:00	54.5	289	8.6	7.43	6.559	29.7
1/23/00	19:15:00	54.52	287.6	8.54	7.43	6.577	30.8
1/23/00	19:30:00	54.52	286.3	8.52	7.43	6.591	32.3
1/23/00	19:45:00	54.54	283.6	8.5	7.42	6.594	32.1
1/23/00	20:00:00	54.55	280.9	8.47	7.42	6.599	37.6
1/23/00	20:15:00	54.57	278.2	8.48	7.41	6.627	41.4
1/23/00	20:30:00	54.59	275.5	8.47	7.4	6.64	37.8
1/23/00	20:45:00	54.63	272.8	8.47	7.39	6.671	35.4
1/23/00	21:00:00	54.64	270.1	8.44	7.38	6.687	41.4
1/23/00	21:15:00	54.7	263.3	8.47	7.38	6.699	44
1/23/00	21:30:00	54.73	254	8.48	7.37	6.72	48.6
1/23/00	21:45:00	54.77	246	8.51	7.36	6.75	51
1/23/00	22:00:00	54.81	238.1	8.54	7.35	6.788	56.7
1/23/00	22:15:00	54.84	230.1	8.59	7.34	6.832	62.7
1/23/00	22:30:00	54.86	222.2	8.58	7.33	6.868	68.2
1/23/00	22:45:00	54.82	215.8	8.64	7.33	6.912	74.1
1/23/00	23:00:00	54.79	212	8.68	7.33	6.938	74.5
1/23/00	23:15:00	54.75	208.1	8.73	7.33	6.957	77.3
1/23/00	23:30:00	54.72	204.3	8.77	7.32	6.979	73.3
1/23/00	23:45:00	54.68	201.8	8.81	7.32	6.992	81.4
1/24/00	0:00:00	54.64	200.6	8.85	7.32	7.014	79.8
1/24/00	0:15:00	54.61	198.1	8.87	7.32	7.029	79.6



1/24/00	0:30:00	54.57	196.8	8.91	7.32	7.042	80.1
1/24/00	0:45:00	54.52	194.4	8.92	7.32	7.054	78.9
1/24/00	1:00:00	54.46	191.9	8.95	7.31	7.065	79.1
1/24/00	1:15:00	54.43	189.4	8.97	7.31	7.086	76.7
1/24/00	1:30:00	54.37	186.9	8.99	7.3	7.103	79.6
1/24/00	1:45:00	54.36	184.3	9.02	7.29	7.121	81.5
1/24/00	2:00:00	54.32	181.7	9.02	7.29	7.141	78
1/24/00	2:15:00	54.28	180.5	9.06	7.28	7.159	82.4
1/24/00	2:30:00	54.25	179.3	9.06	7.28	7.171	81.6
1/24/00	2:45:00	54.21	178.1	9.09	7.28	7.184	86.5
1/24/00	3:00:00	54.18	178.1	9.11	7.27	7.204	100
1/24/00	3:15:00	54.14	178.2	9.13	7.27	7.218	90.9
1/24/00	3:30:00	54.1	177	9.14	7.27	7.247	94.6
1/24/00	3:45:00	54.07	177.1	9.16	7.27	7.275	94.3
1/24/00	4:00:00	54.03	177.2	9.18	7.27	7.31	95.6
1/24/00	4:15:00	53.98	176	9.21	7.27	7.349	100.5
1/24/00	4:30:00	53.96	174.7	9.23	7.26	7.396	104.7
1/24/00	4:45:00	53.92	170.8	9.26	7.26	7.433	108.3
1/24/00	5:00:00	53.89	169.6	9.28	7.26	7.467	111.7
1/24/00	5:15:00	53.87	169.6	9.31	7.26	7.512	111.8
1/24/00	5:30:00	53.83	164.4	9.32	7.26	7.539	114.1
1/24/00	5:45:00	53.8	163.2	9.35	7.26	7.574	119.6
1/24/00	6:00:00	53.76	164.6	9.37	7.26	7.613	120.9
1/24/00	6:15:00	53.71	166	9.38	7.26	7.672	130.8
1/24/00	6:30:00	53.67	168.8	9.4	7.27	7.749	138.7
1/24/00	6:45:00	53.62	170.2	9.41	7.27	7.83	142.4
1/24/00	7:00:00	53.56	170.4	9.44	7.26	7.913	163.2
1/24/00	7:15:00	53.53	167.8	9.46	7.26	8.013	180.5
1/24/00	7:30:00	53.49	161.2	9.49	7.25	8.1	184.2
1/24/00	7:45:00	53.46	157.3	9.51	7.25	8.175	208
1/24/00	8:00:00	53.42	153.4	9.52	7.23	8.228	201
1/24/00	8:15:00	53.38	149.5	9.54	7.22	8.297	215
1/24/00	8:30:00	53.35	146.9	9.55	7.24	8.362	214.7
1/24/00	8:45:00	53.31	145.6	9.57	7.21	8.448	224.2
1/24/00	9:00:00	53.29	144.3	9.58	7.21	8.504	210.5
1/24/00	9:15:00	53.26	144.4	9.59	7.2	8.568	217
1/24/00	9:30:00	53.24	144.4	9.62	7.21	8.611	217.6
1/24/00	9:45:00	53.22	144.4	9.63	7.2	8.644	224.4
1/24/00	10:00:00	53.2	145.8	9.65	7.2	8.682	229.6
1/24/00	10:15:00	53.22	147.1	9.65	7.2	8.755	229.6
1/24/00	10:30:00	53.24	147.1	9.64	7.19	8.766	228.6
1/24/00	10:45:00	53.26	149.7	9.65	7.2	8.768	235.5
1/24/00	11:00:00	53.26	151.1	9.65	7.21	8.757	243.3
1/24/00	11:15:00	53.28	152.4	9.66	7.21	8.755	226.1
1/24/00	11:30:00	53.29	153.7	9.67	7.21	8.755	232.7
1/24/00	11:45:00	53.31	154.9	9.69	7.21	8.731	229.9
1/24/00	12:00:00	53.35	156.2	9.69	7.21	8.721	213.6
1/24/00	12:15:00	53.37	156.2	9.69	7.22	8.703	214
1/24/00	12:30:00	53.4	156.1	9.7	7.22	8.685	210.1

1/24/00	12:45:00	53.42	157.4	9.71	7.22	8.672	202.9
1/24/00	13:00:00	53.44	158.7	9.7	7.23	8.647	200.8
1/24/00	13:15:00	53.46	160	9.71	7.24	8.626	195.9
1/24/00	13:30:00	53.47	162.6	9.7	7.24	8.614	189.7
1/24/00	13:45:00	53.49	163.9	9.7	7.24	8.594	180.2
1/24/00	14:00:00	53.53	165.1	9.69	7.25	8.584	179.8
1/24/00	14:15:00	53.55	167.7	9.69	7.26	8.573	176.8
1/24/00	14:30:00	53.56	169	9.68	7.26	8.577	168.5
1/24/00	14:45:00	53.58	170.3	9.68	7.26	8.578	166.1
1/24/00	15:00:00	53.62	171.6	9.66	7.27	8.573	164.9
1/24/00	15:15:00	53.64	172.9	9.65	7.27	8.578	164.6
1/24/00	15:30:00	53.67	174.1	9.64	7.27	8.59	161.2
1/24/00	15:45:00	53.69	174.1	9.62	7.27	8.596	160
1/24/00	16:00:00	53.73	175.3	9.62	7.27	8.613	152.4
1/24/00	16:15:00	53.74	175.2	9.6	7.27	8.624	147.8
1/24/00	16:30:00	53.78	176.5	9.59	7.27	8.633	150.9
1/24/00	16:45:00	53.82	176.4	9.57	7.28	8.634	158
1/24/00	17:00:00	53.85	177.6	9.55	7.28	8.645	149.6
1/24/00	17:15:00	53.91	177.5	9.53	7.28	8.656	146.2
1/24/00	17:30:00	53.92	177.5	9.52	7.28	8.666	141.5
1/24/00	17:45:00	53.94	177.4	9.49	7.27	8.673	130.9
1/24/00	18:00:00	53.96	178.7	9.49	7.27	8.678	117.7
1/24/00	18:15:00	53.98	178.6	9.47	7.27	8.69	130.6
1/24/00	18:30:00	54	178.6	9.48	7.26	8.684	128.7
1/24/00	18:45:00	54.01	178.5	9.45	7.26	8.699	117.9
1/24/00	19:00:00	54.03	178.5	9.45	7.26	8.71	137.3
1/24/00	19:15:00	54.05	179.8	9.44	7.25	8.72	113.5
1/24/00	19:30:00	54.05	179.8	9.45	7.25	8.71	108.6
1/24/00	19:45:00	54.07	179.7	9.43	7.25	8.738	115.3
1/24/00	20:00:00	54.09	181	9.42	7.25	8.74	111.1
1/24/00	20:15:00	54.09	182.3	9.4	7.25	8.74	98.8
1/24/00	20:30:00	54.09	182.3	9.4	7.25	8.751	105.8
1/24/00	20:45:00	54.09	183.7	9.39	7.25	8.762	102.6
1/24/00	21:00:00	54.07	183.7	9.37	7.25	8.764	106.8
1/24/00	21:15:00	54.07	185	9.36	7.25	8.776	94.3
1/24/00	21:30:00	54.05	186.4	9.36	7.25	8.778	104.7
1/24/00	21:45:00	54.03	186.4	9.37	7.26	8.79	88.9
1/24/00	22:00:00	54.03	187.8	9.37	7.26	8.799	98.9
1/24/00	22:15:00	54.01	189.1	9.32	7.26	8.8	99.1
1/24/00	22:30:00	54.01	190.5	9.34	7.26	8.803	95.8
1/24/00	22:45:00	54	191.8	9.34	7.26	8.812	109
1/24/00	23:00:00	53.98	193.2	9.37	7.26	8.815	92.7
1/24/00	23:15:00	53.98	194.5	9.35	7.27	8.813	83
1/24/00	23:30:00	53.96	195.9	9.36	7.27	8.817	85.9
1/24/00	23:45:00	53.94	197.3	9.34	7.26	8.822	94.1
1/25/00	0:00:00	53.92	198.6	9.34	7.27	8.821	88.1
1/25/00	0:15:00	53.92	200	9.35	7.27	8.82	80.6
1/25/00	0:30:00	53.91	201.3	9.32	7.27	8.82	79.8
1/25/00	0:45:00	53.89	201.4	9.35	7.27	8.821	80.1

Santa Rosa Ck upstream of confluence w/ Laguna de Santa Rosa

5200300

1/25/00	1:00:00	53.89	202.7	9.33	7.28	8.822	79.4
1/25/00	1:15:00	53.87	204.1	9.31	7.28	8.822	80.8
1/25/00	1:30:00	53.85	205.5	9.31	7.28	8.821	83.1
1/25/00	1:45:00	53.85	206.8	9.3	7.28	8.818	78.1
1/25/00	2:00:00	53.85	208.1	9.31	7.28	8.822	72.3
1/25/00	2:15:00	53.83	208.2	9.3	7.29	8.823	75.4
1/25/00	2:30:00	53.83	209.5	9.29	7.29	8.818	63.3
1/25/00	2:45:00	53.83	209.5	9.29	7.29	8.817	71.6
1/25/00	3:00:00	53.82	210.9	9.3	7.29	8.813	70.4
1/25/00	3:15:00	53.82	212.2	9.29	7.29	8.814	69.7
1/25/00	3:30:00	53.82	212.2	9.28	7.29	8.813	72.8
1/25/00	3:45:00	53.82	213.5	9.27	7.3	8.812	70.3
1/25/00	4:00:00	53.8	213.6	9.28	7.3	8.806	72.5
1/25/00	4:15:00	53.8	213.6	9.28	7.3	8.803	68.5
1/25/00	4:30:00	53.8	214.9	9.23	7.3	8.803	64.6
1/25/00	4:45:00	53.78	216.3	9.07	7.3	8.8	77.7
1/25/00	5:00:00	53.78	216.3	9.07	7.3	8.799	65.8
1/25/00	5:15:00	53.76	217.7	8.85	7.3	8.796	65
1/25/00	5:30:00	53.76	217.7	8.9	7.3	8.795	67.9
1/25/00	5:45:00	53.74	219.1	8.9	7.3	8.794	68.4
1/25/00	6:00:00	53.74	219.1	8.72	7.3	8.792	58.7
1/25/00	6:15:00	53.73	219.1	8.75	7.3	8.791	63.4
1/25/00	6:30:00	53.71	220.5	8.79	7.3	8.792	64.9
1/25/00	6:45:00	53.69	221.9	8.71	7.3	8.795	62.6
1/25/00	7:00:00	53.67	221.9	8.72	7.31	8.795	62.2
1/25/00	7:15:00	53.65	223.3	8.5	7.3	8.798	60.7
1/25/00	7:30:00	53.65	223.3	8.57	7.3	8.796	57
1/25/00	7:45:00	53.64	224.7	8.59	7.3	8.796	59.7
1/25/00	8:00:00	53.64	226	8.52	7.31	8.794	55.9
1/25/00	8:15:00	53.62	227.4	8.61	7.31	8.794	57.3
1/25/00	8:30:00	53.62	227.4	8.69	7.31	8.792	56.6
1/25/00	8:45:00	53.62	228.8	8.61	7.31	8.794	59.3
1/25/00	9:00:00	53.64	230	8.64	7.31	8.798	55.8
1/25/00	9:15:00	53.65	230	8.74	7.31	8.798	52
1/25/00	9:30:00	53.67	231.2	8.55	7.31	8.796	51
1/25/00	9:45:00	53.69	232.5	8.53	7.32	8.792	53.5
1/25/00	10:00:00	53.73	232.4	8.22	7.32	8.791	54.8
1/25/00	10:15:00	53.74	233.7	8.4	7.32	8.787	49.6
1/25/00	10:30:00	53.8	233.5	8.26	7.32	8.781	53.9
1/25/00	10:45:00	53.83	234.7	8.15	7.32	8.78	49.8
1/25/00	11:00:00	53.87	234.6	7.8	7.32	8.773	52.6
1/25/00	11:15:00	53.92	235.7	8.1	7.32	8.762	57.1
1/25/00	11:30:00	53.98	235.5	7.93	7.32	8.749	54.1
1/25/00	11:45:00	54.01	236.7	7.73	7.32	8.729	44.8
1/25/00	12:00:00	54.1	236.4	7.42	7.32	8.718	49
1/25/00	12:15:00	54.18	237.5	7.16	7.32	8.705	46.6
1/25/00	12:30:00	54.28	237.2	7.55	7.33	8.693	47.7
1/25/00	12:45:00	54.39	238.1	7.35	7.33	8.681	47.2
1/25/00	13:00:00	54.5	237.8	7.51	7.33	8.667	47.9

1/25/00	13:15:00	54.59	238.8	7.05	7.32	8.659	45.2
1/25/00	13:30:00	54.68	238.5	7.12	7.33	8.65	42.4
1/25/00	13:45:00	54.79	239.4	6.97	7.33	8.64	45.6
1/25/00	14:00:00	54.91	240.3	6.85	7.32	8.63	41.5
1/25/00	14:15:00	54.99	240.1	6.93	7.33	8.619	39.6
1/25/00	14:30:00	55.09	241	7.01	7.33	8.613	38.8
1/25/00	14:45:00	55.2	240.7	6.61	7.34	8.606	39.7
1/25/00	15:00:00	55.27	241.7	6.62	7.34	8.604	42
1/25/00	15:15:00	55.38	241.4	7.07	7.34	8.6	39.6
1/25/00	15:30:00	55.45	242.4	6.95	7.34	8.594	40.8
1/25/00	15:45:00	55.53	243.5	6.85	7.35	8.586	37.1
1/25/00	16:00:00	55.56	243.4	6.82	7.35	8.582	39
1/25/00	16:15:00	55.58	243.3	6.64	7.35	8.58	39.5
1/25/00	16:30:00	55.65	244.4	6.64	7.35	8.569	39.3
1/25/00	16:45:00	55.71	244.2	6.69	7.36	8.562	42.1
1/25/00	17:00:00	55.76	244	6.8	7.36	8.557	40.6
1/25/00	17:15:00	55.76	245.3	6.88	7.36	8.548	41.3
1/25/00	17:30:00	55.78	245.2	7.15	7.37	8.54	39.2
1/25/00	17:45:00	55.76	245.3	6.99	7.37	8.532	41.6
1/25/00	18:00:00	55.74	245.3	6.62	7.37	8.522	38
1/25/00	18:15:00	55.71	246.8	6.66	7.37	8.518	37.6
1/25/00	18:30:00	55.65	246.9	6.98	7.38	8.513	39.1
1/25/00	18:45:00	55.6	247.1	6.71	7.38	8.508	41.2
1/25/00	19:00:00	55.54	248.6	6.37	7.38	8.502	36.1
1/25/00	19:15:00	55.49	248.8	6.22	7.38	8.495	40.1
1/25/00	19:30:00	55.42	249	6.47	7.38	8.489	50.4
1/25/00	19:45:00	55.29	249.5	6.67	7.38	8.483	38.7
1/25/00	20:00:00	55.24	249.6	6.31	7.38	8.482	39.5
1/25/00	20:15:00	55.18	251.1	6.04	7.38	8.478	46
1/25/00	20:30:00	55.06	251.6	6.33	7.38	8.472	40.2
1/25/00	20:45:00	54.99	251.8	6.9	7.38	8.466	39.1
1/25/00	21:00:00	54.88	252.2	7.03	7.39	8.462	34.5
1/25/00	21:15:00	54.81	252.5	6.81	7.38	8.458	37.9
1/25/00	21:30:00	54.73	254	6.84	7.38	8.449	41.4
1/25/00	21:45:00	54.64	254.3	6.87	7.38	8.441	45.4
1/25/00	22:00:00	54.57	254.6	7.03	7.38	8.435	38.9
1/25/00	22:15:00	54.5	256.2	6.73	7.38	8.428	39.5
1/25/00	22:30:00	54.41	256.5	7.12	7.38	8.421	37
1/25/00	22:45:00	54.34	256.7	7.09	7.38	8.417	45
1/25/00	23:00:00	54.25	257.1	7.05	7.38	8.409	34.6
1/25/00	23:15:00	54.18	257.3	7.2	7.38	8.404	36.7
1/25/00	23:30:00	54.09	259	6.87	7.38	8.397	37.5
1/25/00	23:45:00	54.01	259.2	7.02	7.38	8.387	32.3
1/26/00	0:00:00	53.92	259.6	6.67	7.38	8.379	33.8
1/26/00	0:15:00	53.83	261.2	6.6	7.37	8.37	38.9
1/26/00	0:30:00	53.78	261.4	6.92	7.37	8.357	31.3
1/26/00	0:45:00	53.69	261.7	6.95	7.37	8.345	31.2
1/26/00	1:00:00	53.58	262.1	6.9	7.37	8.338	32.1
1/26/00	1:15:00	53.51	262.4	6.68	7.37	8.331	30.9

1/26/00	1:30:00	53.42	264.1	6.64	7.37	8.323	31.3
1/26/00	1:45:00	53.31	264.5	6.66	7.37	8.317	31.2
1/26/00	2:00:00	53.28	264.6	6.52	7.37	8.307	36.6
1/26/00	2:15:00	53.15	265.1	6.69	7.37	8.297	30
1/26/00	2:30:00	53.06	266.8	6.65	7.37	8.287	31.3
1/26/00	2:45:00	52.97	267.1	6.98	7.37	8.282	36.6
1/26/00	3:00:00	52.88	267.5	6.88	7.37	8.269	32.9
1/26/00	3:15:00	52.83	267.7	6.85	7.37	8.26	30.6
1/26/00	3:30:00	52.7	268.1	7.02	7.36	8.256	42.6
1/26/00	3:45:00	52.61	269.8	7.11	7.36	8.247	32.9
1/26/00	4:00:00	52.56	270	7.16	7.37	8.243	32.3
1/26/00	4:15:00	52.43	270.5	7.01	7.36	8.234	40.1
1/26/00	4:30:00	52.39	270.7	7.17	7.36	8.219	34.4
1/26/00	4:45:00	52.34	270.9	6.94	7.36	8.214	32.2
1/26/00	5:00:00	52.25	271.2	7.02	7.36	8.21	28.6
1/26/00	5:15:00	52.18	271.5	7.07	7.36	8.197	30.7
1/26/00	5:30:00	52.14	273	7.02	7.36	8.195	28.3
1/26/00	5:45:00	52.02	273.5	7.32	7.36	8.195	28.5
1/26/00	6:00:00	51.94	273.8	7.15	7.36	8.192	26.4
1/26/00	6:15:00	51.87	274.1	7.2	7.36	8.187	26.9
1/26/00	6:30:00	51.8	274.4	7.13	7.36	8.179	29.5
1/26/00	6:45:00	51.71	276.1	7.19	7.36	8.18	28.6
1/26/00	7:00:00	51.6	276.5	7.26	7.36	8.179	28.1
1/26/00	7:15:00	51.55	276.7	7.41	7.36	8.176	28.5
1/26/00	7:30:00	51.46	277.1	7.29	7.36	8.173	27.8
1/26/00	7:45:00	51.39	277.4	7.3	7.36	8.162	25.3
1/26/00	8:00:00	51.31	279.1	7.27	7.36	8.163	24.9
1/26/00	8:15:00	51.26	279.3	7.26	7.36	8.162	26.1
1/26/00	8:30:00	51.19	279.6	7.31	7.36	8.161	26.6
1/26/00	8:45:00	51.13	279.8	7.36	7.37	8.155	26.2
1/26/00	9:00:00	51.04	280.2	7.41	7.37	8.147	25
1/26/00	9:15:00	50.99	280.4	7.28	7.37	8.146	24
1/26/00	9:30:00	50.92	282.1	7.23	7.36	8.138	23.8
1/26/00	9:45:00	50.88	282.2	7.31	7.37	8.131	23.7
1/26/00	10:00:00	50.85	282.4	7.4	7.36	8.127	24.2
1/26/00	10:15:00	50.83	282.4	7.29	7.36	8.119	23.7
1/26/00	10:30:00	50.81	282.5	7.15	7.36	8.113	25.5
1/26/00	10:45:00	50.81	283.9	7.19	7.36	8.102	24.4
1/26/00	11:00:00	50.83	283.8	7.15	7.36	8.094	23.6
1/26/00	11:15:00	50.85	285.1	7.27	7.36	8.084	22.6
1/26/00	11:30:00	50.88	285	7.13	7.36	8.072	22.1
1/26/00	11:45:00	50.94	286.1	6.95	7.36	8.057	22.3
1/26/00	12:00:00	50.99	285.9	6.61	7.36	8.041	22.1
1/26/00	12:15:00	51.04	287.1	6.71	7.37	8.027	22.3
1/26/00	12:30:00	51.08	286.9	6.46	7.36	8.011	22.2
1/26/00	12:45:00	51.15	288	6.38	7.36	7.998	32.2
1/26/00	13:00:00	51.28	287.5	6.2	7.37	7.98	21.8
1/26/00	13:15:00	51.4	288.3	5.96	7.36	7.965	21.6
1/26/00	13:30:00	51.49	289.3	5.8	7.36	7.954	22.4

1/26/00	13:45:00	51.66	290	5.53	7.36	7.943	20.8
1/26/00	14:00:00	51.76	290.9	5.51	7.36	7.939	21.7
1/26/00	14:15:00	51.93	290.2	5.39	7.35	7.934	21.7
1/26/00	14:30:00	52.09	290.9	5.41	7.34	7.924	21.5
1/26/00	14:45:00	52.23	291.7	5.35	7.35	7.918	21.3
1/26/00	15:00:00	52.39	292.3	5.28	7.34	7.912	21.2
1/26/00	15:15:00	52.54	293.1	5.39	7.33	7.903	20.4
1/26/00	15:30:00	52.68	293.8	5.64	7.34	7.894	22
1/26/00	15:45:00	52.88	293	5.98	7.35	7.882	19.8
1/26/00	16:00:00	53.02	293.7	6.16	7.37	7.874	53.7
1/26/00	16:15:00	53.11	294.7	5.97	7.37	7.87	24.4
1/26/00	16:30:00	53.24	295.5	6.01	7.36	7.868	22.3
1/26/00	16:45:00	53.38	296.2	5.98	7.36	7.861	20.6
1/26/00	17:00:00	53.44	296	5.73	7.34	7.855	19.5
1/26/00	17:15:00	53.49	297.1	5.5	7.35	7.849	19.8
1/26/00	17:30:00	53.55	296.9	5.44	7.36	7.843	22.2
1/26/00	17:45:00	53.6	298	5.14	7.36	7.84	19.7
1/26/00	18:00:00	53.65	297.8	5.08	7.37	7.831	19.8
1/26/00	18:15:00	53.65	299.1	4.89	7.39	7.826	21.1
1/26/00	18:30:00	53.65	299.1	4.92	7.39	7.823	20.5
1/26/00	18:45:00	53.67	299	4.86	7.39	7.825	19.4
1/26/00	19:00:00	53.64	300.5	5.18	7.4	7.824	20.3
1/26/00	19:15:00	53.58	299.4	5.96	7.42	7.824	22.2
1/26/00	19:30:00	53.47	299.9	6.63	7.43	7.82	19.1
1/26/00	19:45:00	53.4	300.2	7.19	7.44	7.822	19.4
1/26/00	20:00:00	53.29	300.6	6.78	7.44	7.818	1199.2
1/26/00	20:15:00	53.17	301.2	6.63	7.44	7.811	19.6
1/26/00	20:30:00	53.06	301.6	6.75	7.44	7.813	29.9
1/26/00	20:45:00	52.92	302.2	6.89	7.44	7.806	20.5
1/26/00	21:00:00	52.81	302.7	7.05	7.44	7.805	20
1/26/00	21:15:00	52.7	303.2	7.24	7.44	7.802	20.2
1/26/00	21:30:00	52.63	303.5	7.42	7.44	7.799	20
1/26/00	21:45:00	52.5	304	7.36	7.44	7.798	20.7
1/26/00	22:00:00	52.39	304.5	7.06	7.44	7.794	19.1
1/26/00	22:15:00	52.3	304.9	7.56	7.44	7.789	19.2
1/26/00	22:30:00	52.23	305.2	7.34	7.44	7.783	18.6
1/26/00	22:45:00	52.14	305.6	7.44	7.44	7.776	19
1/26/00	23:00:00	52.03	306.1	7.48	7.43	7.767	18.8
1/26/00	23:15:00	52	306.2	7.4	7.43	7.758	20
1/26/00	23:30:00	51.91	306.6	7.39	7.43	7.75	19.3
1/26/00	23:45:00	51.84	307	7.29	7.43	7.736	19.8
1/27/00	0:00:00	51.8	308.5	7.32	7.43	7.721	19.3
1/27/00	0:15:00	51.73	308.8	7.04	7.42	7.71	19.1
1/27/00	0:30:00	51.67	309.1	7.05	7.42	7.704	17.9
1/27/00	0:45:00	51.62	309.3	7	7.42	7.704	19.3
1/27/00	1:00:00	51.6	309.4	6.98	7.42	7.698	17.4
1/27/00	1:15:00	51.55	309.6	6.78	7.42	7.686	18.6
1/27/00	1:30:00	51.51	309.8	6.78	7.42	7.677	17.5
1/27/00	1:45:00	51.51	311.2	6.67	7.42	7.678	20.3

1/27/00	2:00:00	51.48	311.3	6.52	7.42	7.676	17.2
1/27/00	2:15:00	51.44	311.5	6.43	7.42	7.675	16.9
1/27/00	2:30:00	51.42	311.6	6.29	7.42	7.665	18.1
1/27/00	2:45:00	51.42	311.6	6.07	7.41	7.665	18.8
1/27/00	3:00:00	51.4	313	5.89	7.41	7.657	19.8
1/27/00	3:15:00	51.37	313.2	5.72	7.4	7.649	19.1
1/27/00	3:30:00	51.35	313.3	5.53	7.4	7.642	17.3
1/27/00	3:45:00	51.33	313.3	5.53	7.4	7.635	16.2
1/27/00	4:00:00	51.3	313.5	5.71	7.39	7.626	16.7
1/27/00	4:15:00	51.28	315	5.76	7.39	7.617	15.8
1/27/00	4:30:00	51.26	315	5.77	7.39	7.615	19.6
1/27/00	4:45:00	51.21	315.3	5.71	7.39	7.607	16.6
1/27/00	5:00:00	51.19	315.4	5.57	7.39	7.604	17.6
1/27/00	5:15:00	51.15	315.5	5.44	7.39	7.601	20.1
1/27/00	5:30:00	51.1	315.8	5.73	7.4	7.593	16.9
1/27/00	5:45:00	51.06	316	5.78	7.39	7.592	16.6
1/27/00	6:00:00	50.99	316.3	6.02	7.4	7.593	54.4
1/27/00	6:15:00	50.92	316.6	6.16	7.41	7.593	19.3
1/27/00	6:30:00	50.85	318.3	6.4	7.4	7.588	17
1/27/00	6:45:00	50.77	318.7	6.63	7.4	7.583	16.2
1/27/00	7:00:00	50.68	319.1	6.91	7.4	7.582	16.6
1/27/00	7:15:00	50.63	319.4	7.04	7.39	7.58	15
1/27/00	7:30:00	50.54	319.8	7.07	7.39	7.572	16.5
1/27/00	7:45:00	50.45	320.2	7.1	7.4	7.573	14.5
1/27/00	8:00:00	50.4	320.5	7.01	7.39	7.573	16.2
1/27/00	8:15:00	50.31	320.9	6.96	7.4	7.562	21
1/27/00	8:30:00	50.22	321.3	7.18	7.41	7.562	14.9
1/27/00	8:45:00	50.14	321.7	7.11	7.41	7.561	15.4
1/27/00	9:00:00	50.07	322	7.26	7.4	7.549	14.8
1/27/00	9:15:00	50.05	322.1	7.13	7.4	7.544	15.9
1/27/00	9:30:00	49.98	322.4	7.08	7.4	7.535	14.3
1/27/00	9:45:00	49.96	322.5	7.02	7.4	7.534	14.2
1/27/00	10:00:00	49.93	322.7	7.07	7.39	7.533	14
1/27/00	10:15:00	49.89	322.9	7.06	7.39	7.536	14
1/27/00	10:30:00	49.87	324.4	6.99	7.39	7.527	14.1
1/27/00	10:45:00	49.87	324.4	7.07	7.4	7.526	13.9
1/27/00	11:00:00	49.89	324.3	6.99	7.39	7.52	13.3
1/27/00	11:15:00	49.91	324.2	6.9	7.4	7.501	13.4
1/27/00	11:30:00	49.93	324.1	6.75	7.39	7.49	13.7
1/27/00	11:45:00	49.98	325.2	6.53	7.39	7.472	12.8
1/27/00	12:00:00	50.04	325	6.39	7.39	7.463	13.1
1/27/00	12:15:00	50.07	326.2	6.35	7.38	7.447	13.6
1/27/00	12:30:00	50.13	325.9	6.2	7.37	7.434	14.5
1/27/00	12:45:00	50.2	327	5.98	7.36	7.415	13
1/27/00	13:00:00	50.32	326.4	6	7.36	7.406	13.8
1/27/00	13:15:00	50.45	327.2	5.96	7.36	7.393	12.8
1/27/00	13:30:00	50.56	328	5.98	7.35	7.386	14.3
1/27/00	13:45:00	50.77	327	5.89	7.34	7.373	12.7
1/27/00	14:00:00	50.85	328	5.76	7.32	7.359	13.2

1/27/00	14:15:00	51.1	328.2	5.6	7.32	7.346	13.1
1/27/00	14:30:00	51.28	328.7	5.57	7.36	7.338	15
1/27/00	14:45:00	51.44	329.3	5.6	7.37	7.334	12.2
1/27/00	15:00:00	51.57	330.1	5.56	7.36	7.328	12.4
1/27/00	15:15:00	51.8	330.3	5.52	7.36	7.322	12.4
1/27/00	15:30:00	52.03	330.6	5.62	7.37	7.318	12.2
1/27/00	15:45:00	52.25	330.9	5.61	7.38	7.316	12.5
1/27/00	16:00:00	52.45	331.3	5.54	7.39	7.31	12.9
1/27/00	16:15:00	52.65	331.7	5.53	7.4	7.303	12.1
1/27/00	16:30:00	52.81	332.3	5.57	7.4	7.297	11.6
1/27/00	16:45:00	52.99	332.8	5.54	7.4	7.295	13.3
1/27/00	17:00:00	53.11	332.2	5.53	7.41	7.291	12.2
1/27/00	17:15:00	53.19	333.2	5.5	7.39	7.288	12
1/27/00	17:30:00	53.35	333.8	5.43	7.4	7.286	11.8
1/27/00	17:45:00	53.49	333.1	5.44	7.41	7.279	12.9
1/27/00	18:00:00	53.49	334.4	5.43	7.42	7.277	11.7
1/27/00	18:15:00	53.56	334.1	5.42	7.42	7.272	12.8
1/27/00	18:30:00	53.64	333.7	5.44	7.43	7.27	12.8
1/27/00	18:45:00	53.64	335.1	5.28	7.42	7.272	12.3
1/27/00	19:00:00	53.69	334.8	5.21	7.42	7.27	11.8
1/27/00	19:15:00	53.67	334.9	5.43	7.42	7.267	13.6
1/27/00	19:30:00	53.67	334.9	5.3	7.43	7.265	12.3
1/27/00	19:45:00	53.67	336.2	4.97	7.44	7.261	11.4
1/27/00	20:00:00	53.62	336.5	4.97	7.43	7.259	12.9
1/27/00	20:15:00	53.53	336.9	5.16	7.47	7.253	11.8
1/27/00	20:30:00	53.4	337.5	5.8	7.48	7.252	11.6
1/27/00	20:45:00	53.31	337.9	6.18	7.49	7.25	11.9
1/27/00	21:00:00	53.19	337.2	6.44	7.5	7.25	15
1/27/00	21:15:00	53.02	338	6.71	7.49	7.242	12.3
1/27/00	21:30:00	52.9	338.6	6.91	7.5	7.242	12.5
1/27/00	21:45:00	52.75	339.3	6.98	7.5	7.24	13.9
1/27/00	22:00:00	52.61	338.6	6.95	7.49	7.237	14.2
1/27/00	22:15:00	52.47	339.3	6.83	7.49	7.233	12
1/27/00	22:30:00	52.3	340.1	6.81	7.49	7.226	13
1/27/00	22:45:00	52.14	340.9	6.82	7.48	7.226	11.3
1/27/00	23:00:00	52	340.3	6.82	7.48	7.221	11.5
1/27/00	23:15:00	51.87	340.9	6.8	7.48	7.216	11.6
1/27/00	23:30:00	51.71	341.7	6.77	7.48	7.208	11
1/27/00	23:45:00	51.57	342.4	6.75	7.48	7.201	15.3
1/28/00	0:00:00	51.44	341.7	6.88	7.47	7.194	11.5
1/28/00	0:15:00	51.3	342.4	6.97	7.47	7.189	11.1
1/28/00	0:30:00	51.17	343	7.08	7.47	7.181	12.2
1/28/00	0:45:00	51.08	343.5	6.99	7.47	7.168	12.1
1/28/00	1:00:00	50.95	344.1	6.42	7.47	7.163	11.3
1/28/00	1:15:00	50.83	343.4	6.35	7.47	7.156	11.3
1/28/00	1:30:00	50.7	344	6.58	7.46	7.156	12.2
1/28/00	1:45:00	50.61	344.4	6.59	7.46	7.148	12.7
1/28/00	2:00:00	50.49	345.1	6.65	7.45	7.138	10.7
1/28/00	2:15:00	50.36	344.3	6.31	7.45	7.133	11.9



1/28/00	2:30:00	50.29	344.7	6.38	7.44	7.128	11.5
1/28/00	2:45:00	50.2	345.2	6.72	7.44	7.115	10.9
1/28/00	3:00:00	50.11	345.6	6.82	7.44	7.113	29
1/28/00	3:15:00	50.05	345.9	6.3	7.44	7.102	11.3
1/28/00	3:30:00	49.98	346.3	6.37	7.44	7.099	10.3
1/28/00	3:45:00	49.91	346.6	6.49	7.44	7.087	11.1
1/28/00	4:00:00	49.8	345.8	6.61	7.43	7.079	11.4
1/28/00	4:15:00	49.78	345.9	6.6	7.43	7.076	11.1
1/28/00	4:30:00	49.71	346.3	6.59	7.43	7.074	11.2
1/28/00	4:45:00	49.68	346.4	6.49	7.43	7.069	11.7
1/28/00	5:00:00	49.62	346.7	6.54	7.42	7.065	10.7
1/28/00	5:15:00	49.59	346.9	6.6	7.42	7.066	10.5
1/28/00	5:30:00	49.51	347.3	6.72	7.42	7.062	11.4
1/28/00	5:45:00	49.5	347.4	6.67	7.42	7.058	12.2
1/28/00	6:00:00	49.42	347.8	6.7	7.42	7.058	12.7
1/28/00	6:15:00	49.39	347.9	6.72	7.41	7.058	11.7
1/28/00	6:30:00	49.33	348.2	6.67	7.41	7.056	11.2
1/28/00	6:45:00	49.33	349.6	6.61	7.41	7.05	10.9
1/28/00	7:00:00	49.32	349.7	6.55	7.41	7.052	10.6
1/28/00	7:15:00	49.3	349.8	6.53	7.41	7.049	9.8
1/28/00	7:30:00	49.28	349.9	6.52	7.41	7.047	10.3
1/28/00	7:45:00	49.26	350	6.47	7.4	7.042	12.8
1/28/00	8:00:00	49.24	350.1	6.23	7.39	7.04	16.1
1/28/00	8:15:00	49.23	350.2	6.3	7.4	7.038	11.2
1/28/00	8:30:00	49.21	350.3	6.16	7.4	7.03	10.4
1/28/00	8:45:00	49.17	350.5	6.16	7.4	7.027	9.8
1/28/00	9:00:00	49.17	351.9	6.19	7.4	7.024	10.7
1/28/00	9:15:00	49.15	352	6.21	7.4	7.033	9.8
1/28/00	9:30:00	49.14	352.1	6.22	7.4	7.026	10.3
1/28/00	9:45:00	49.14	352.1	6.3	7.4	7.023	10.3
1/28/00	10:00:00	49.14	352.1	6.18	7.4	7.022	10.3
1/28/00	10:15:00	49.14	352.1	6.16	7.4	7.022	9.9
1/28/00	10:30:00	49.14	353.5	6.24	7.4	7.022	9.4
1/28/00	10:45:00	49.14	353.5	6.14	7.4	7.019	9.4
1/28/00	11:00:00	49.15	353.4	6.1	7.4	7.017	9.7
1/28/00	11:15:00	49.17	353.3	5.97	7.4	7.005	9.2
1/28/00	11:30:00	49.19	354.7	5.92	7.38	6.997	9.1
1/28/00	11:45:00	49.21	354.6	5.86	7.37	6.988	9.8
1/28/00	12:00:00	49.23	354.5	5.94	7.37	6.973	9.1
1/28/00	12:15:00	49.26	355.7	6.65	7.38	6.934	27.9
1/28/00	12:30:00	49.3	355.5	8.35	7.38	6.917	17.3
1/28/00	12:45:00	49.35	355.2	8.36	7.37	6.899	17.3
1/28/00	13:00:00	49.42	356.2	8.23	7.34	6.886	11.6
1/28/00	13:15:00	49.53	355.7	8.51	7.34	6.876	9.5
1/28/00	13:30:00	49.62	356.6	8.65	7.35	6.856	9
1/28/00	13:45:00	49.75	357.3	8.7	7.33	6.844	8.6
1/28/00	14:00:00	49.84	356.9	8.7	7.32	6.835	8.7
1/28/00	14:15:00	50	357.4	8.68	7.32	6.821	8.6
1/28/00	14:30:00	50.14	358	8.64	7.32	6.814	8.5

1/28/00	14:45:00	50.27	358.8	8.65	7.32	6.808	8.2
1/28/00	15:00:00	50.5	358.9	8.57	7.31	6.798	11
1/28/00	15:15:00	50.61	359.7	8.76	7.32	6.794	9.6
1/28/00	15:30:00	50.81	360.1	8.95	7.32	6.785	9.1
1/28/00	15:45:00	50.92	359.5	8.93	7.32	6.781	10.7
1/28/00	16:00:00	51.08	360	8.65	7.33	6.781	11
1/28/00	16:15:00	51.24	360.5	8.88	7.32	6.779	8.1
1/28/00	16:30:00	51.31	361.5	8.82	7.32	6.779	8.9
1/28/00	16:45:00	51.44	362.2	10.14	7.35	6.78	12
1/28/00	17:00:00	51.6	362.8	10.37	7.34	6.775	11.1
1/28/00	17:15:00	51.71	362.2	10.48	7.33	6.769	8.2
1/28/00	17:30:00	51.84	362.9	10.48	7.33	6.767	8.6
1/28/00	17:45:00	51.93	363.8	10.55	7.33	6.764	8.1
1/28/00	18:00:00	52.03	363.2	10.58	7.35	6.761	8.9
1/28/00	18:15:00	52.09	364.3	10.54	7.34	6.76	7.8
1/28/00	18:30:00	52.12	364.1	10.55	7.34	6.761	8.5
1/28/00	18:45:00	52.18	363.8	10.51	7.35	6.764	9.2
1/28/00	19:00:00	52.25	364.8	10.59	7.35	6.762	8.7
1/28/00	19:15:00	52.25	364.8	10.59	7.36	6.76	8.7
1/28/00	19:30:00	52.27	364.7	10.55	7.35	6.756	9.8
1/28/00	19:45:00	52.27	364.7	10.5	7.34	6.75	8.2
1/28/00	20:00:00	52.27	364.7	10.5	7.35	6.745	8
1/28/00	20:15:00	52.25	364.8	10.44	7.35	6.74	8
1/28/00	20:30:00	52.23	366.3	10.42	7.37	6.735	10.8
1/28/00	20:45:00	52.11	365.6	10.41	7.43	6.737	9.4
1/28/00	21:00:00	52.03	365.9	10.38	7.47	6.738	10.8
1/28/00	21:15:00	51.91	366.6	10.33	7.5	6.74	10.4
1/28/00	21:30:00	51.8	365.8	10.27	7.51	6.735	9.9
1/28/00	21:45:00	51.71	366.3	10.21	7.52	6.741	9
1/28/00	22:00:00	51.55	365.8	10.18	7.53	6.733	8.9
1/28/00	22:15:00	51.42	366.5	10.12	7.54	6.73	10.9
1/28/00	22:30:00	51.31	367	10.08	7.54	6.728	9.9
1/28/00	22:45:00	51.19	366.3	10.02	7.54	6.724	15.9
1/28/00	23:00:00	50.99	367.4	9.99	7.54	6.717	8.6
1/28/00	23:15:00	50.86	366.7	9.95	7.54	6.715	9.3
1/28/00	23:30:00	50.74	367.4	9.92	7.54	6.714	8.8
1/28/00	23:45:00	50.61	368.1	9.88	7.54	6.703	9.1
1/29/00	0:00:00	50.47	368.8	9.85	7.53	6.695	20

Date	Time	Temp	SpCond	DO Conc	pH	Depth	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L		ft	NTU
2/2/00	0:00:00	54.39	298.6	0.42	7.83	6.939	28.2
2/2/00	0:15:00	54.37	298.7	1.95	7.81	6.933	26.7
2/2/00	0:30:00	54.36	298.8	2.91	7.8	6.924	24
2/2/00	0:45:00	54.34	300.2	3.63	7.79	6.921	30.5
2/2/00	1:00:00	54.32	301.6	4.14	7.78	6.911	24.2
2/2/00	1:15:00	54.3	300.3	4.54	7.78	6.904	22.7
2/2/00	1:30:00	54.28	301.7	4.81	7.77	6.894	22.8
2/2/00	1:45:00	54.27	301.8	5.06	7.77	6.889	22.5
2/2/00	2:00:00	54.25	303.2	5.23	7.76	6.881	31
2/2/00	2:15:00	54.21	303.4	5.41	7.76	6.877	22.8
2/2/00	2:30:00	54.19	303.4	5.54	7.75	6.871	25.3
2/2/00	2:45:00	54.18	303.5	5.63	7.75	6.873	27.4
2/2/00	3:00:00	54.14	303.7	5.74	7.76	6.864	20.5
2/2/00	3:15:00	54.1	305.1	5.81	7.74	6.859	25.2
2/2/00	3:30:00	54.05	305.4	5.94	7.74	6.853	27.9
2/2/00	3:45:00	53.98	305.7	6.03	7.74	6.847	23.8
2/2/00	4:00:00	54	305.6	6.08	7.73	6.839	24.1
2/2/00	4:15:00	53.92	305.9	6.18	7.74	6.834	29.7
2/2/00	4:30:00	53.85	306.2	6.27	7.74	6.835	24
2/2/00	4:45:00	53.8	309.1	6.33	7.74	6.838	26.4
2/2/00	5:00:00	53.76	306.6	6.37	7.74	6.836	25.3
2/2/00	5:15:00	53.67	308.3	6.43	7.73	6.834	20.6
2/2/00	5:30:00	53.62	308.6	6.5	7.74	6.829	20.7
2/2/00	5:45:00	53.58	310	6.53	7.73	6.826	24.7
2/2/00	6:00:00	53.56	308.8	6.57	7.73	6.824	29.2
2/2/00	6:15:00	53.51	309	6.64	7.72	6.818	22.2
2/2/00	6:30:00	53.47	310.5	6.68	7.73	6.814	22.2
2/2/00	6:45:00	53.4	312.2	6.76	7.73	6.814	19.1
2/2/00	7:00:00	53.38	312.2	6.79	7.73	6.813	20.1
2/2/00	7:15:00	53.35	311.1	6.85	7.73	6.816	19
2/2/00	7:30:00	53.31	311.2	6.88	7.73	6.82	20.3
2/2/00	7:45:00	53.28	312.7	6.94	7.73	6.814	23.2
2/2/00	8:00:00	53.28	312.7	6.96	7.73	6.812	20.4
2/2/00	8:15:00	53.26	314.1	6.98	7.73	6.806	24.7
2/2/00	8:30:00	53.22	314.3	7.02	7.73	6.8	18.3
2/2/00	8:45:00	53.22	314.3	7.03	7.73	6.798	20.4
2/2/00	9:00:00	53.2	313	7.06	7.73	6.788	25.4
2/2/00	9:15:00	53.2	314.4	7.09	7.72	6.785	19.9
2/2/00	9:30:00	53.2	317.1	7.12	7.72	6.782	19.7
2/2/00	9:45:00	53.22	315.6	7.14	7.73	6.78	21.7
2/2/00	10:00:00	53.22	317	7.14	7.72	6.776	19.3
2/2/00	10:15:00	53.24	315.6	7.19	7.73	6.767	18.3
2/2/00	10:30:00	53.26	318.2	7.19	7.72	6.762	20.6
2/2/00	10:45:00	53.29	316.7	7.22	7.72	6.754	19.9
2/2/00	11:00:00	53.33	317.8	7.27	7.73	6.745	18.2
2/2/00	11:15:00	53.38	318.9	7.3	7.73	6.733	17.4
2/2/00	11:30:00	53.46	317.3	7.32	7.72	6.717	24.3

2/2/00	11:45:00	53.56	318.1	7.38	7.73	6.704	16.9
2/2/00	12:00:00	53.67	317.6	7.39	7.73	6.688	20.6
2/2/00	12:15:00	53.87	319.4	7.45	7.73	6.673	17
2/2/00	12:30:00	53.98	318.9	7.46	7.74	6.657	17
2/2/00	12:45:00	54.18	320.7	7.51	7.74	6.639	16.7
2/2/00	13:00:00	54.36	319.9	7.55	7.75	6.628	17.1
2/2/00	13:15:00	54.5	321.8	7.6	7.76	6.614	17.8
2/2/00	13:30:00	54.68	321	7.63	7.76	6.602	16.7
2/2/00	13:45:00	54.86	322.8	7.67	7.77	6.598	15
2/2/00	14:00:00	55.06	320.7	7.74	7.78	6.6	15.2
2/2/00	14:15:00	55.2	322.6	7.75	7.79	6.596	15.9
2/2/00	14:30:00	55.42	324.3	7.81	7.79	6.589	15.3
2/2/00	14:45:00	55.67	324.4	7.83	7.79	6.583	16
2/2/00	15:00:00	55.89	323.5	7.9	7.81	6.577	15.2
2/2/00	15:15:00	56.07	325.2	7.87	7.81	6.577	22.5
2/2/00	15:30:00	56.3	322.9	7.96	7.83	6.575	15.1
2/2/00	15:45:00	56.52	324.5	8.01	7.84	6.568	15.1
2/2/00	16:00:00	56.7	323.8	8.01	7.84	6.565	15.4
2/2/00	16:15:00	56.84	326.9	8.06	7.86	6.557	15.7
2/2/00	16:30:00	57.04	326.1	8.07	7.86	6.546	16.3
2/2/00	16:45:00	57.15	326.9	8.09	7.87	6.541	14.6
2/2/00	17:00:00	57.29	326.2	8.11	7.88	6.536	15.7
2/2/00	17:15:00	57.36	328.4	8.12	7.89	6.529	16.7
2/2/00	17:30:00	57.43	326.9	8.12	7.89	6.524	28.1
2/2/00	17:45:00	57.52	326.5	8.15	7.9	6.518	23.7
2/2/00	18:00:00	57.58	327.5	8.15	7.9	6.515	15.3
2/2/00	18:15:00	57.6	329.9	8.13	7.9	6.511	16.5
2/2/00	18:30:00	57.6	328.7	8.12	7.9	6.511	17
2/2/00	18:45:00	57.6	327.4	8.11	7.9	6.511	16.2
2/2/00	19:00:00	57.61	328.6	8.12	7.91	6.503	17.4
2/2/00	19:15:00	57.56	330.1	8.08	7.89	6.495	22.3
2/2/00	19:30:00	57.49	329.1	8.08	7.91	6.491	20.4
2/2/00	19:45:00	57.4	330.8	8.09	7.91	6.486	25.9
2/2/00	20:00:00	57.27	331.4	8.07	7.91	6.482	18.9
2/2/00	20:15:00	57.15	331.9	8.08	7.91	6.473	23.2
2/2/00	20:30:00	57	330	8.04	7.91	6.47	17.3
2/2/00	20:45:00	56.84	330.8	8.05	7.9	6.462	18.3
2/2/00	21:00:00	56.66	332.8	8.02	7.9	6.458	16.7
2/2/00	21:15:00	56.52	330.9	8.01	7.89	6.457	16.2
2/2/00	21:30:00	56.32	331.8	7.99	7.88	6.459	16
2/2/00	21:45:00	56.17	333.8	7.98	7.87	6.447	22.2
2/2/00	22:00:00	55.98	332.1	7.95	7.86	6.447	15.8
2/2/00	22:15:00	55.81	332.8	7.93	7.85	6.441	18.8
2/2/00	22:30:00	55.65	334.9	7.94	7.84	6.439	15.9
2/2/00	22:45:00	55.49	334.3	7.93	7.84	6.443	14.9
2/2/00	23:00:00	55.29	333.9	7.93	7.83	6.439	15.3
2/2/00	23:15:00	55.15	334.6	7.91	7.82	6.428	19.2
2/2/00	23:30:00	54.99	334	7.95	7.82	6.439	14.7
2/2/00	23:45:00	54.88	333.2	7.95	7.82	6.437	14.5

2/3/00	0:00:00	54.72	334	7.94	7.81	6.428	15.6
2/3/00	0:15:00	54.59	334.6	7.94	7.8	6.432	15.1
2/3/00	0:30:00	54.43	335.3	7.95	7.8	6.416	15
2/3/00	0:45:00	54.28	337.3	7.97	7.79	6.408	14.1
2/3/00	1:00:00	54.16	335.3	7.99	7.79	6.412	13.1
2/3/00	1:15:00	54.03	335.9	7.99	7.78	6.407	13.9
2/3/00	1:30:00	53.94	337.6	8	7.78	6.399	14.1
2/3/00	1:45:00	53.8	337	8.02	7.77	6.381	12.6
2/3/00	2:00:00	53.71	337.4	8.03	7.77	6.381	12.7
2/3/00	2:15:00	53.6	336.6	8.05	7.77	6.366	13.7
2/3/00	2:30:00	53.49	337.1	8.11	7.76	6.358	12.6
2/3/00	2:45:00	53.44	338.7	8.11	7.76	6.351	12.8
2/3/00	3:00:00	53.33	337.9	8.09	7.76	6.34	14.4
2/3/00	3:15:00	53.24	338.3	8.11	7.76	6.327	12.7
2/3/00	3:30:00	53.19	338.5	8.11	7.75	6.319	13
2/3/00	3:45:00	53.13	338.8	8.12	7.75	6.302	13.8
2/3/00	4:00:00	53.08	340.4	8.13	7.75	6.289	12.5
2/3/00	4:15:00	53.01	340.8	8.15	7.75	6.285	11.7
2/3/00	4:30:00	52.97	339.6	8.16	7.75	6.278	12.6
2/3/00	4:45:00	52.93	339.8	8.17	7.75	6.27	12.7
2/3/00	5:00:00	52.92	339.9	8.18	7.75	6.258	12.5
2/3/00	5:15:00	52.9	341.3	8.16	7.74	6.251	12.7
2/3/00	5:30:00	52.86	342.8	8.18	7.75	6.243	22.3
2/3/00	5:45:00	52.84	340.2	8.2	7.75	6.24	11.7
2/3/00	6:00:00	52.84	341.5	8.19	7.74	6.229	11.6
2/3/00	6:15:00	52.83	343	8.2	7.74	6.224	13
2/3/00	6:30:00	52.83	341.6	8.21	7.74	6.218	11.5
2/3/00	6:45:00	52.81	341.7	8.2	7.74	6.215	11.9
2/3/00	7:00:00	52.81	344.4	8.21	7.74	6.208	19.5
2/3/00	7:15:00	52.79	343.2	8.2	7.74	6.207	11.9
2/3/00	7:30:00	52.79	343.2	8.2	7.74	6.207	11.3
2/3/00	7:45:00	52.79	343.2	8.2	7.74	6.202	11.4
2/3/00	8:00:00	52.75	344.7	8.23	7.74	6.201	11.3
2/3/00	8:15:00	52.75	343.3	8.24	7.74	6.195	12
2/3/00	8:30:00	52.75	343.3	8.23	7.74	6.189	11.5
2/3/00	8:45:00	52.75	343.3	8.22	7.74	6.183	11.1
2/3/00	9:00:00	52.74	344.8	8.23	7.74	6.173	11.3
2/3/00	9:15:00	52.75	344.7	8.23	7.74	6.17	11.1
2/3/00	9:30:00	52.74	343.4	8.22	7.74	6.162	11.7
2/3/00	9:45:00	52.74	344.8	8.26	7.74	6.16	12.3
2/3/00	10:00:00	52.74	344.8	8.27	7.74	6.151	11.4
2/3/00	10:15:00	52.74	346.1	8.31	7.74	6.148	10.2
2/3/00	10:30:00	52.75	346	8.26	7.73	6.152	13.5
2/3/00	10:45:00	52.75	346	8.26	7.73	6.157	12.7
2/3/00	11:00:00	52.75	346	8.3	7.74	6.162	12.3
2/3/00	11:15:00	52.75	346	8.33	7.75	6.168	11.7
2/3/00	11:30:00	52.75	346	8.34	7.74	6.162	10.4
2/3/00	11:45:00	52.77	345.9	8.33	7.74	6.159	9.7
2/3/00	12:00:00	52.77	347.3	8.33	7.74	6.179	9.8

2/3/00	12:15:00	52.79	347.2	8.39	7.75	6.177	13.1
2/3/00	12:30:00	52.81	348.4	8.37	7.74	6.187	14.5
2/3/00	12:45:00	52.83	347	8.4	7.75	6.194	12.9
2/3/00	13:00:00	52.83	348.4	8.43	7.75	6.19	10.6
2/3/00	13:15:00	52.84	348.3	8.42	7.75	6.191	13.8
2/3/00	13:30:00	52.84	348.3	8.45	7.75	6.186	11.6
2/3/00	13:45:00	52.86	348.2	8.53	7.77	6.163	12.7
2/3/00	14:00:00	52.86	348.2	8.51	7.75	6.166	11.6
2/3/00	14:15:00	52.86	348.2	8.49	7.74	6.167	12.9
2/3/00	14:30:00	52.88	349.4	8.5	7.74	6.17	14.5
2/3/00	14:45:00	52.92	347.9	8.56	7.76	6.179	12.1
2/3/00	15:00:00	52.93	347.8	8.59	7.76	6.184	14.8
2/3/00	15:15:00	52.97	349	8.61	7.76	6.197	20.7
2/3/00	15:30:00	53.02	348.7	8.64	7.78	6.217	14.7
2/3/00	15:45:00	53.11	349.6	8.73	7.81	6.262	13.1
2/3/00	16:00:00	53.22	354.4	8.68	7.81	6.324	15.3
2/3/00	16:15:00	53.31	363.3	8.6	7.82	6.366	24.5
2/3/00	16:30:00	53.42	364.1	8.6	7.84	6.393	26.1
2/3/00	16:45:00	53.58	357.9	8.66	7.85	6.402	32.1
2/3/00	17:00:00	53.71	349.3	8.69	7.85	6.402	28.5
2/3/00	17:15:00	53.85	340.7	8.68	7.83	6.41	39.2
2/3/00	17:30:00	54	334.7	8.66	7.81	6.409	38.3
2/3/00	17:45:00	54.03	325.3	8.58	7.79	6.414	49.7
2/3/00	18:00:00	54.05	312	8.52	7.78	6.426	43.6
2/3/00	18:15:00	54.01	298.9	8.49	7.76	6.435	47.9
2/3/00	18:30:00	53.98	285.8	8.43	7.74	6.448	50.5
2/3/00	18:45:00	53.91	271.5	8.41	7.73	6.455	50.6
2/3/00	19:00:00	53.85	263.8	8.41	7.71	6.454	52.8
2/3/00	19:15:00	53.8	253.4	8.4	7.7	6.457	53.5
2/3/00	19:30:00	53.74	244.3	8.39	7.69	6.459	49.9
2/3/00	19:45:00	53.71	240.4	8.38	7.68	6.455	59.5
2/3/00	20:00:00	53.67	239.2	8.38	7.67	6.455	50.9
2/3/00	20:15:00	53.65	237.9	8.35	7.67	6.456	49.8
2/3/00	20:30:00	53.62	236.7	8.36	7.66	6.449	50.1
2/3/00	20:45:00	53.6	238.1	8.36	7.66	6.444	49.9
2/3/00	21:00:00	53.56	236.9	8.34	7.65	6.444	55.4
2/3/00	21:15:00	53.53	235.7	8.34	7.65	6.444	48.8
2/3/00	21:30:00	53.49	237.2	8.35	7.65	6.442	48.2
2/3/00	21:45:00	53.4	236.1	8.36	7.64	6.439	48.3
2/3/00	22:00:00	53.35	235	8.38	7.64	6.432	46.2
2/3/00	22:15:00	53.28	233.9	8.38	7.64	6.424	44.4
2/3/00	22:30:00	53.22	234.1	8.38	7.63	6.415	42.4
2/3/00	22:45:00	53.15	233	8.41	7.63	6.413	40.3
2/3/00	23:00:00	53.08	231.9	8.38	7.62	6.418	41.6
2/3/00	23:15:00	52.97	229.5	8.4	7.62	6.415	41.3
2/3/00	23:30:00	52.93	229.6	8.4	7.61	6.409	41.4
2/3/00	23:45:00	52.88	228.5	8.4	7.6	6.403	41.8
2/4/00	0:00:00	52.83	228.7	8.41	7.6	6.395	42
2/4/00	0:15:00	52.77	226.1	8.4	7.59	6.399	42.7

2/4/00	0:30:00	52.72	227.7	8.39	7.59	6.39	40.4
2/4/00	0:45:00	52.63	226.6	8.42	7.58	6.384	44.5
2/4/00	1:00:00	52.63	226.6	8.4	7.58	6.381	41.2
2/4/00	1:15:00	52.59	228.1	8.43	7.57	6.376	42.4
2/4/00	1:30:00	52.54	226.9	8.42	7.57	6.379	44
2/4/00	1:45:00	52.5	228.4	8.43	7.57	6.376	42.8
2/4/00	2:00:00	52.48	229.8	8.43	7.57	6.383	47.2
2/4/00	2:15:00	52.47	231.2	8.42	7.56	6.375	50.5
2/4/00	2:30:00	52.43	231.3	8.45	7.56	6.37	45.5
2/4/00	2:45:00	52.41	234.1	8.47	7.57	6.373	43.1
2/4/00	3:00:00	52.39	236.8	8.48	7.57	6.368	44.3
2/4/00	3:15:00	52.38	236.9	8.46	7.57	6.362	41.3
2/4/00	3:30:00	52.36	239.7	8.47	7.57	6.366	40.2
2/4/00	3:45:00	52.36	241	8.47	7.57	6.365	39.4
2/4/00	4:00:00	52.34	243.8	8.46	7.57	6.364	39.6
2/4/00	4:15:00	52.32	243.9	8.51	7.57	6.359	39.6
2/4/00	4:30:00	52.32	245.2	8.51	7.57	6.353	37.7
2/4/00	4:45:00	52.3	245.3	8.5	7.58	6.344	36.3
2/4/00	5:00:00	52.29	245.3	8.52	7.57	6.336	37.4
2/4/00	5:15:00	52.29	245.3	8.51	7.58	6.331	36.6
2/4/00	5:30:00	52.27	248.1	8.48	7.56	6.327	40.6
2/4/00	5:45:00	52.27	246.8	8.49	7.57	6.327	39.6
2/4/00	6:00:00	52.27	248.1	8.5	7.57	6.332	41.9
2/4/00	6:15:00	52.25	250.9	8.54	7.57	6.34	40
2/4/00	6:30:00	52.23	251	8.52	7.58	6.338	43.3
2/4/00	6:45:00	52.23	251	8.53	7.57	6.344	39.4
2/4/00	7:00:00	52.21	252.4	8.54	7.57	6.35	36.6
2/4/00	7:15:00	52.2	255.2	8.55	7.58	6.354	41.8
2/4/00	7:30:00	52.2	255.2	8.54	7.58	6.345	44.6
2/4/00	7:45:00	52.18	257.9	8.56	7.59	6.35	33.3
2/4/00	8:00:00	52.18	259.3	8.54	7.58	6.35	34.7
2/4/00	8:15:00	52.18	264.7	8.59	7.59	6.358	34.8
2/4/00	8:30:00	52.18	263.4	8.58	7.6	6.358	32.2
2/4/00	8:45:00	52.18	266.1	8.55	7.6	6.369	36.2
2/4/00	9:00:00	52.18	268.8	8.61	7.6	6.36	31.1
2/4/00	9:15:00	52.18	271.5	8.6	7.6	6.36	32.4
2/4/00	9:30:00	52.18	275.6	8.61	7.61	6.36	38.6
2/4/00	9:45:00	52.18	274.2	8.62	7.61	6.363	30
2/4/00	10:00:00	52.2	276.9	8.62	7.62	6.359	28.6
2/4/00	10:15:00	52.21	276.8	8.62	7.62	6.363	29.2
2/4/00	10:30:00	52.23	279.4	8.66	7.62	6.368	29
2/4/00	10:45:00	52.25	280.7	8.65	7.62	6.368	31.6
2/4/00	11:00:00	52.27	282	8.61	7.62	6.365	28.3
2/4/00	11:15:00	52.32	283.1	8.62	7.62	6.361	27.6
2/4/00	11:30:00	52.34	284.4	8.61	7.62	6.364	26.2
2/4/00	11:45:00	52.39	285.6	8.64	7.62	6.365	37.2
2/4/00	12:00:00	52.48	287.9	8.65	7.62	6.357	28
2/4/00	12:15:00	52.52	290.4	8.68	7.63	6.337	25.8
2/4/00	12:30:00	52.59	288.8	8.7	7.64	6.323	38.6

2/4/00	12:45:00	52.7	291	8.71	7.64	6.312	25.3
2/4/00	13:00:00	52.77	292.1	8.73	7.64	6.313	25.3
2/4/00	13:15:00	52.92	294.2	8.76	7.65	6.314	25.3
2/4/00	13:30:00	53.02	295.1	8.81	7.66	6.303	25.5
2/4/00	13:45:00	53.15	298.6	8.8	7.67	6.316	23.1
2/4/00	14:00:00	53.26	296.8	8.85	7.68	6.319	23.6
2/4/00	14:15:00	53.4	297.5	8.86	7.68	6.31	24.4
2/4/00	14:30:00	53.55	299.5	8.89	7.69	6.321	24.4
2/4/00	14:45:00	53.69	301.6	8.93	7.71	6.305	23.5
2/4/00	15:00:00	53.8	302.5	8.94	7.71	6.312	27.8
2/4/00	15:15:00	53.94	304.5	9.01	7.72	6.304	24.6
2/4/00	15:30:00	54.03	304.1	9.03	7.73	6.292	24.8
2/4/00	15:45:00	54.14	305	9.08	7.74	6.285	28.4
2/4/00	16:00:00	54.25	304.5	9.08	7.75	6.264	23.2
2/4/00	16:15:00	54.36	306.7	9.11	7.76	6.242	27.2
2/4/00	16:30:00	54.45	307.6	9.11	7.77	6.253	20.9
2/4/00	16:45:00	54.54	308.5	9.18	7.78	6.261	28.5
2/4/00	17:00:00	54.61	309.6	9.19	7.78	6.246	23.9
2/4/00	17:15:00	54.66	310.6	9.16	7.79	6.235	24.1
2/4/00	17:30:00	54.72	311.7	9.18	7.8	6.213	24.4
2/4/00	17:45:00	54.77	312.8	9.2	7.8	6.267	36.1
2/4/00	18:00:00	54.82	312.5	9.23	7.8	6.254	28.2
2/4/00	18:15:00	54.84	313.8	9.22	7.82	6.252	25.1
2/4/00	18:30:00	54.86	315	9.23	7.82	6.248	21.2
2/4/00	18:45:00	54.86	315	9.19	7.81	6.245	22.9
2/4/00	19:00:00	54.86	315	9.19	7.82	6.237	21.9
2/4/00	19:15:00	54.84	317.7	9.16	7.82	6.237	23.7
2/4/00	19:30:00	54.82	317.8	9.15	7.83	6.229	26.2
2/4/00	19:45:00	54.81	319.2	9.12	7.83	6.239	24.2
2/4/00	20:00:00	54.75	318.1	9.07	7.83	6.235	29.7
2/4/00	20:15:00	54.68	319.7	9.1	7.83	6.238	28.2
2/4/00	20:30:00	54.66	321.1	9.07	7.84	6.24	26.6
2/4/00	20:45:00	54.55	321.6	9.04	7.84	6.243	20.4
2/4/00	21:00:00	54.5	321.8	9.02	7.84	6.25	21.7
2/4/00	21:15:00	54.41	323.6	8.94	7.83	6.247	21.4
2/4/00	21:30:00	54.34	325.2	8.95	7.83	6.251	20.4
2/4/00	21:45:00	54.27	322.9	8.88	7.82	6.249	23.2
2/4/00	22:00:00	54.19	324.5	8.88	7.82	6.242	18
2/4/00	22:15:00	54.1	324.9	8.86	7.82	6.243	17.6
2/4/00	22:30:00	54.05	326.5	8.83	7.81	6.242	26.7
2/4/00	22:45:00	53.98	326.8	8.8	7.8	6.239	66.2
2/4/00	23:00:00	53.89	325.9	8.8	7.8	6.243	17.4
2/4/00	23:15:00	53.8	327.7	8.79	7.79	6.233	16.6
2/4/00	23:30:00	53.76	327.8	8.77	7.79	6.222	20.1
2/4/00	23:45:00	53.69	328.2	8.74	7.79	6.219	20.7
2/5/00	0:00:00	53.62	331.2	8.73	7.78	6.218	15.6
2/5/00	0:15:00	53.56	328.8	8.73	7.78	6.215	24.2
2/5/00	0:30:00	53.51	330.3	8.68	7.77	6.219	30.9
2/5/00	0:45:00	53.42	332.1	8.7	7.77	6.216	15.6



2/5/00	1:00:00	53.38	330.9	8.69	7.77	6.209	15.1
2/5/00	1:15:00	53.35	332.4	8.68	7.76	6.207	15.6
2/5/00	1:30:00	53.29	332.7	8.71	7.76	6.204	16
2/5/00	1:45:00	53.22	331.7	8.7	7.75	6.199	13.4
2/5/00	2:00:00	53.2	333.1	8.7	7.75	6.196	14.1
2/5/00	2:15:00	53.19	333.2	8.7	7.75	6.194	16.3
2/5/00	2:30:00	53.13	333.5	8.73	7.74	6.188	13.9
2/5/00	2:45:00	53.13	334.8	8.68	7.75	6.184	20.5
2/5/00	3:00:00	53.11	334.9	8.67	7.74	6.185	20.1
2/5/00	3:15:00	53.08	333.7	8.7	7.74	6.184	16.3
2/5/00	3:30:00	53.04	333.9	8.7	7.73	6.18	21.8
2/5/00	3:45:00	53.04	335.2	8.7	7.73	6.181	15.7
2/5/00	4:00:00	53.01	335.4	8.69	7.73	6.18	17.5
2/5/00	4:15:00	53.01	335.4	8.67	7.73	6.179	20
2/5/00	4:30:00	52.99	335.5	8.66	7.72	6.185	22.9
2/5/00	4:45:00	52.97	335.6	8.68	7.72	6.185	17.2
2/5/00	5:00:00	52.97	336.9	8.68	7.72	6.185	17.6
2/5/00	5:15:00	52.95	337	8.7	7.72	6.181	16.5
2/5/00	5:30:00	52.95	335.6	8.68	7.72	6.181	15.1
2/5/00	5:45:00	52.95	337	8.72	7.7	6.182	15.7
2/5/00	6:00:00	52.93	337.1	8.68	7.7	6.18	15.4
2/5/00	6:15:00	52.93	338.4	8.68	7.7	6.183	19.8
2/5/00	6:30:00	52.92	338.5	8.71	7.71	6.192	15.8
2/5/00	6:45:00	52.92	337.2	8.69	7.72	6.201	13.6
2/5/00	7:00:00	52.92	339.9	8.66	7.71	6.199	16.9
2/5/00	7:15:00	52.9	342.6	8.63	7.72	6.205	13.2
2/5/00	7:30:00	52.9	344	8.61	7.73	6.213	13.9
2/5/00	7:45:00	52.9	349.3	8.54	7.73	6.23	16.6
2/5/00	8:00:00	52.88	354.8	8.51	7.73	6.242	16
2/5/00	8:15:00	52.86	354.9	8.46	7.74	6.273	17.1
2/5/00	8:30:00	52.86	356.2	8.47	7.74	6.288	17.8
2/5/00	8:45:00	52.86	357.6	8.44	7.74	6.303	19.6
2/5/00	9:00:00	52.88	357.5	8.46	7.75	6.305	19.9
2/5/00	9:15:00	52.88	356.2	8.47	7.75	6.31	18.3
2/5/00	9:30:00	52.9	354.7	8.47	7.75	6.313	19.5
2/5/00	9:45:00	52.92	350.6	8.51	7.75	6.32	17.1
2/5/00	10:00:00	52.93	346.5	8.55	7.74	6.328	17.5
2/5/00	10:15:00	52.99	344.9	8.56	7.74	6.339	18.3
2/5/00	10:30:00	52.99	344.9	8.58	7.73	6.338	16.8
2/5/00	10:45:00	53.04	344.6	8.61	7.73	6.34	17.4
2/5/00	11:00:00	53.08	345.8	8.56	7.72	6.343	18.3
2/5/00	11:15:00	53.15	346.8	8.59	7.71	6.34	20.4
2/5/00	11:30:00	53.17	348	8.53	7.71	6.343	19.3
2/5/00	11:45:00	53.24	347.6	8.53	7.71	6.359	19.2
2/5/00	12:00:00	53.26	346.2	8.53	7.71	6.353	20
2/5/00	12:15:00	53.29	346	8.51	7.7	6.363	22
2/5/00	12:30:00	53.35	344.4	8.47	7.7	6.366	19.4
2/5/00	12:45:00	53.37	340.4	8.47	7.69	6.369	20.8
2/5/00	13:00:00	53.42	336.1	8.51	7.7	6.376	21.6

2/5/00	13:15:00	53.46	334.6	8.53	7.69	6.38	22.2
2/5/00	13:30:00	53.53	331.6	8.49	7.69	6.393	20.7
2/5/00	13:45:00	53.6	325.9	8.58	7.7	6.41	22.4
2/5/00	14:00:00	53.65	324.4	8.61	7.7	6.438	23.5
2/5/00	14:15:00	53.71	320.1	8.65	7.7	6.453	26.6
2/5/00	14:30:00	53.82	315.7	8.68	7.71	6.472	23.7
2/5/00	14:45:00	53.96	312.4	8.7	7.71	6.498	26.1
2/5/00	15:00:00	54.12	307.7	8.77	7.71	6.525	25.6
2/5/00	15:15:00	54.3	301.7	8.81	7.72	6.542	28.1
2/5/00	15:30:00	54.48	295.6	8.82	7.72	6.564	32.1
2/5/00	15:45:00	54.61	291.2	8.85	7.72	6.579	33.9
2/5/00	16:00:00	54.77	282.7	8.86	7.71	6.598	39.5
2/5/00	16:15:00	54.91	276.9	8.89	7.71	6.615	37.8
2/5/00	16:30:00	55.04	269.9	8.88	7.69	6.633	39.3
2/5/00	16:45:00	55.15	260.4	8.9	7.68	6.637	41.3
2/5/00	17:00:00	55.2	255	8.86	7.67	6.652	41.2
2/5/00	17:15:00	55.27	248.2	8.84	7.65	6.661	42.6
2/5/00	17:30:00	55.33	241.5	8.81	7.64	6.67	46.2
2/5/00	17:45:00	55.38	233.6	8.78	7.63	6.687	47.5
2/5/00	18:00:00	55.4	230.9	8.76	7.61	6.691	42.5
2/5/00	18:15:00	55.45	225.6	8.72	7.59	6.704	52.1
2/5/00	18:30:00	55.47	221.6	8.69	7.58	6.715	50
2/5/00	18:45:00	55.49	220.3	8.66	7.58	6.727	52.5
2/5/00	19:00:00	55.47	220.3	8.62	7.57	6.739	52.6
2/5/00	19:15:00	55.44	221.7	8.62	7.57	6.749	48.5
2/5/00	19:30:00	55.36	223.3	8.61	7.57	6.757	55
2/5/00	19:45:00	55.27	222.2	8.61	7.57	6.763	53.5
2/5/00	20:00:00	55.17	223.9	8.6	7.58	6.77	52.3
2/5/00	20:15:00	55.09	225.4	8.59	7.57	6.779	60.6
2/5/00	20:30:00	55	225.7	8.6	7.57	6.784	49.6
2/5/00	20:45:00	54.91	224.6	8.62	7.57	6.79	49.7
2/5/00	21:00:00	54.81	225	8.6	7.56	6.79	49.7
2/5/00	21:15:00	54.72	225.3	8.6	7.55	6.797	55.6
2/5/00	21:30:00	54.59	227	8.62	7.55	6.799	48.7
2/5/00	21:45:00	54.48	227.3	8.64	7.55	6.799	52.6
2/5/00	22:00:00	54.37	227.7	8.63	7.55	6.807	48.8
2/5/00	22:15:00	54.25	229.4	8.66	7.55	6.807	48.3
2/5/00	22:30:00	54.14	228.4	8.65	7.54	6.811	47.9
2/5/00	22:45:00	54.03	227.4	8.66	7.54	6.825	53.9
2/5/00	23:00:00	53.94	226.4	8.67	7.54	6.831	47.6
2/5/00	23:15:00	53.85	225.4	8.71	7.54	6.83	52.4
2/5/00	23:30:00	53.76	224.3	8.75	7.54	6.833	58.1
2/5/00	23:45:00	53.69	223.2	8.7	7.54	6.829	60.1
2/6/00	0:00:00	53.62	223.4	8.75	7.53	6.828	55.3
2/6/00	0:15:00	53.56	222.3	8.77	7.53	6.834	52.7
2/6/00	0:30:00	53.47	222.6	8.79	7.53	6.836	54.9
2/6/00	0:45:00	53.4	224.1	8.81	7.53	6.837	53.8
2/6/00	1:00:00	53.33	223	8.82	7.53	6.847	56.1
2/6/00	1:15:00	53.22	227.4	8.85	7.53	6.847	55.6

2/6/00	1:30:00	53.15	226.3	8.85	7.54	6.846	57.2
2/6/00	1:45:00	53.08	229.2	8.88	7.54	6.847	56.1
2/6/00	2:00:00	52.99	232.2	8.89	7.54	6.843	57.1
2/6/00	2:15:00	52.9	235.1	8.89	7.54	6.847	56.9
2/6/00	2:30:00	52.81	238.1	8.91	7.54	6.841	58.2
2/6/00	2:45:00	52.75	238.3	8.93	7.55	6.838	58.6
2/6/00	3:00:00	52.68	241.3	8.97	7.54	6.834	61.1
2/6/00	3:15:00	52.61	242.9	8.91	7.55	6.825	58.8
2/6/00	3:30:00	52.54	245.8	8.97	7.55	6.822	59.2
2/6/00	3:45:00	52.48	248.7	8.96	7.55	6.81	59.8
2/6/00	4:00:00	52.41	250.3	8.95	7.55	6.801	57.3
2/6/00	4:15:00	52.38	251.8	8.99	7.56	6.798	59.6
2/6/00	4:30:00	52.29	253.5	8.99	7.56	6.802	59.6
2/6/00	4:45:00	52.23	255	9	7.57	6.8	65.9
2/6/00	5:00:00	52.16	258	9.01	7.57	6.799	64
2/6/00	5:15:00	52.11	259.6	9.03	7.57	6.797	54.1
2/6/00	5:30:00	52.07	262.4	9.06	7.57	6.795	57
2/6/00	5:45:00	51.96	264.2	9.06	7.58	6.784	51.3
2/6/00	6:00:00	51.89	264.5	9.05	7.58	6.782	55.1
2/6/00	6:15:00	51.84	266	9.09	7.59	6.782	52.3
2/6/00	6:30:00	51.75	267.7	9.12	7.59	6.784	51.8
2/6/00	6:45:00	51.66	270.8	9.14	7.59	6.787	46.2
2/6/00	7:00:00	51.6	269.7	9.15	7.59	6.787	50.3
2/6/00	7:15:00	51.51	271.4	9.15	7.59	6.791	44.5
2/6/00	7:30:00	51.42	271.8	9.15	7.6	6.792	48.4
2/6/00	7:45:00	51.31	273.6	9.15	7.6	6.795	49.6
2/6/00	8:00:00	51.22	275.3	9.19	7.6	6.802	44
2/6/00	8:15:00	51.15	275.6	9.17	7.6	6.81	48
2/6/00	8:30:00	51.12	277.1	9.16	7.6	6.798	56.1
2/6/00	8:45:00	51.04	278.8	9.17	7.6	6.803	40.1
2/6/00	9:00:00	51.03	277.5	9.13	7.61	6.813	39
2/6/00	9:15:00	51.01	278.9	9.17	7.61	6.814	37.8
2/6/00	9:30:00	51.01	280.3	9.2	7.61	6.817	36.7
2/6/00	9:45:00	50.99	280.4	9.21	7.61	6.823	33.2
2/6/00	10:00:00	50.99	281.8	9.2	7.61	6.828	32.6
2/6/00	10:15:00	51.01	284.5	9.23	7.61	6.833	33.5
2/6/00	10:30:00	51.04	281.5	9.24	7.62	6.837	32.1
2/6/00	10:45:00	51.1	284.1	9.23	7.62	6.834	31.6
2/6/00	11:00:00	51.15	283.9	9.23	7.62	6.833	31.9
2/6/00	11:15:00	51.21	283.6	9.28	7.63	6.831	31
2/6/00	11:30:00	51.28	286.1	9.29	7.63	6.817	32.1
2/6/00	11:45:00	51.39	285.6	9.27	7.63	6.806	30.5
2/6/00	12:00:00	51.49	286.6	9.35	7.64	6.793	30
2/6/00	12:15:00	51.62	287.4	9.35	7.64	6.781	29.9
2/6/00	12:30:00	51.78	289.5	9.39	7.65	6.771	28.4
2/6/00	12:45:00	51.91	288.9	9.42	7.65	6.761	30
2/6/00	13:00:00	52.05	291	9.42	7.66	6.751	35
2/6/00	13:15:00	52.23	288.9	9.42	7.67	6.737	37.6
2/6/00	13:30:00	52.43	290.8	9.49	7.68	6.729	28.8

2/6/00	13:45:00	52.59	292.8	9.49	7.68	6.729	28.3
2/6/00	14:00:00	52.79	292	9.5	7.69	6.721	28.6
2/6/00	14:15:00	53.01	292.5	9.55	7.7	6.715	29.7
2/6/00	14:30:00	53.17	294.5	9.55	7.7	6.716	27.8
2/6/00	14:45:00	53.4	293.5	9.61	7.71	6.711	28.7
2/6/00	15:00:00	53.56	292.8	9.63	7.72	6.71	27.8
2/6/00	15:15:00	53.8	294.5	9.64	7.73	6.712	31.9
2/6/00	15:30:00	53.98	295.1	9.63	7.74	6.713	28.1
2/6/00	15:45:00	54.21	295.4	9.63	7.74	6.711	28.8
2/6/00	16:00:00	54.37	296.1	9.69	7.75	6.709	27.5
2/6/00	16:15:00	54.57	295.3	9.67	7.76	6.708	27.5
2/6/00	16:30:00	54.75	295.8	9.68	7.77	6.709	27.7
2/6/00	16:45:00	54.9	296.6	9.69	7.77	6.711	27.2
2/6/00	17:00:00	54.95	297.6	9.71	7.78	6.712	26.5
2/6/00	17:15:00	55.11	297	9.66	7.78	6.715	29.7
2/6/00	17:30:00	55.2	297.9	9.68	7.8	6.715	30.8
2/6/00	17:45:00	55.26	297.7	9.66	7.8	6.713	27.5
2/6/00	18:00:00	55.33	298.7	9.66	7.81	6.709	28.4
2/6/00	18:15:00	55.33	300	9.66	7.81	6.708	30.2
2/6/00	18:30:00	55.36	299.8	9.63	7.82	6.711	25.5
2/6/00	18:45:00	55.35	298.6	9.63	7.82	6.707	24.8
2/6/00	19:00:00	55.33	298.7	9.61	7.82	6.711	25.4
2/6/00	19:15:00	55.29	300.1	9.58	7.83	6.717	24.8
2/6/00	19:30:00	55.2	300.5	9.56	7.84	6.718	24.4
2/6/00	19:45:00	55.13	300.8	9.55	7.84	6.724	27
2/6/00	20:00:00	55.02	302.6	9.52	7.84	6.732	48
2/6/00	20:15:00	54.93	301.6	9.45	7.83	6.738	23.1
2/6/00	20:30:00	54.77	303.6	9.44	7.83	6.738	23.6
2/6/00	20:45:00	54.66	304.1	9.39	7.82	6.744	20.9
2/6/00	21:00:00	54.59	303.1	9.32	7.82	6.745	23.3
2/6/00	21:15:00	54.45	303.7	9.31	7.8	6.751	20.8
2/6/00	21:30:00	54.3	305.6	9.26	7.8	6.756	21.3
2/6/00	21:45:00	54.19	304.7	9.23	7.79	6.753	21.7
2/6/00	22:00:00	54.07	305.3	9.21	7.78	6.749	20.4
2/6/00	22:15:00	53.96	305.7	9.14	7.77	6.753	20.9
2/6/00	22:30:00	53.82	307.7	9.13	7.76	6.756	19.9
2/6/00	22:45:00	53.74	306.7	9.11	7.76	6.759	20.2
2/6/00	23:00:00	53.62	307.2	9.1	7.75	6.761	20.7
2/6/00	23:15:00	53.51	310.4	9	7.75	6.761	25.5
2/6/00	23:30:00	53.4	309.5	9.05	7.74	6.765	19.3
2/6/00	23:45:00	53.31	309.9	9.03	7.73	6.762	20.8
2/7/00	0:00:00	53.2	309	9	7.72	6.759	26.5
2/7/00	0:15:00	53.11	310.8	9.01	7.72	6.758	18.9
2/7/00	0:30:00	53.04	309.7	9.01	7.71	6.753	19.7
2/7/00	0:45:00	52.93	310.2	8.98	7.71	6.753	17.6
2/7/00	1:00:00	52.9	313.1	8.97	7.71	6.755	20.6
2/7/00	1:15:00	52.75	312.4	9.01	7.7	6.75	19.1
2/7/00	1:30:00	52.65	314.2	8.99	7.7	6.747	18.8
2/7/00	1:45:00	52.61	314.4	9	7.7	6.75	16.9

2/7/00	2:00:00	52.56	313.3	8.98	7.69	6.76	17.5
2/7/00	2:15:00	52.48	313.6	8.98	7.69	6.756	18.8
2/7/00	2:30:00	52.43	313.8	8.99	7.68	6.761	15.8
2/7/00	2:45:00	52.39	314	8.97	7.68	6.759	16.3
2/7/00	3:00:00	52.32	315.7	8.96	7.68	6.765	17.4
2/7/00	3:15:00	52.29	314.5	8.97	7.68	6.757	16.8
2/7/00	3:30:00	52.21	316.1	8.99	7.67	6.754	16.2
2/7/00	3:45:00	52.21	316.1	8.98	7.67	6.754	16.3
2/7/00	4:00:00	52.16	316.4	8.98	7.67	6.755	16.5
2/7/00	4:15:00	52.12	317.9	8.98	7.67	6.747	16.4
2/7/00	4:30:00	52.09	316.7	8.97	7.67	6.748	16.6
2/7/00	4:45:00	52.03	317	8.99	7.67	6.745	15.6
2/7/00	5:00:00	51.96	317.3	8.99	7.66	6.736	16
2/7/00	5:15:00	51.94	318.7	9.01	7.66	6.724	16.1
2/7/00	5:30:00	51.91	318.9	9	7.66	6.713	19.1
2/7/00	5:45:00	51.85	320.5	9	7.66	6.698	16.3
2/7/00	6:00:00	51.82	319.3	9.01	7.66	6.695	20.8
2/7/00	6:15:00	51.76	320.9	9.05	7.66	6.697	17.1
2/7/00	6:30:00	51.71	319.8	9.06	7.66	6.7	17.6
2/7/00	6:45:00	51.66	321.4	9.06	7.66	6.699	18.6
2/7/00	7:00:00	51.6	320.3	9.08	7.66	6.703	15.5
2/7/00	7:15:00	51.53	322	9.11	7.66	6.706	16.1
2/7/00	7:30:00	51.49	323.6	9.11	7.66	6.698	17.3
2/7/00	7:45:00	51.42	322.5	9.11	7.66	6.709	20.5
2/7/00	8:00:00	51.4	324	9.12	7.66	6.709	16.3
2/7/00	8:15:00	51.35	324.3	9.11	7.66	6.716	15.1
2/7/00	8:30:00	51.28	324.6	9.13	7.66	6.719	25.9
2/7/00	8:45:00	51.22	324.9	9.16	7.67	6.729	15.2
2/7/00	9:00:00	51.21	323.6	9.19	7.67	6.73	17.3
2/7/00	9:15:00	51.19	325	9.18	7.67	6.736	19.4
2/7/00	9:30:00	51.15	325.2	9.23	7.68	6.736	18.6
2/7/00	9:45:00	51.13	326.7	9.26	7.69	6.738	21.7
2/7/00	10:00:00	51.12	326.7	9.24	7.69	6.736	24.2
2/7/00	10:15:00	51.13	328	9.27	7.69	6.733	17.5
2/7/00	10:30:00	51.13	326.7	9.28	7.69	6.738	18.3
2/7/00	10:45:00	51.15	326.6	9.29	7.69	6.731	15.1
2/7/00	11:00:00	51.19	327.8	9.31	7.69	6.738	14.6
2/7/00	11:15:00	51.22	327.6	9.29	7.69	6.732	14.4
2/7/00	11:30:00	51.26	328.8	9.25	7.69	6.72	12.6
2/7/00	11:45:00	51.35	328.4	9.3	7.69	6.722	14.3
2/7/00	12:00:00	51.46	329.2	9.37	7.7	6.711	20.6
2/7/00	12:15:00	51.6	329.9	9.42	7.7	6.689	12.8
2/7/00	12:30:00	51.73	332	9.45	7.71	6.683	12.4
2/7/00	12:45:00	51.85	330.1	9.48	7.72	6.669	12.6
2/7/00	13:00:00	52.03	330.6	9.56	7.72	6.666	12.6
2/7/00	13:15:00	52.21	331.1	9.6	7.73	6.655	12.2
2/7/00	13:30:00	52.38	331.7	9.63	7.74	6.65	12
2/7/00	13:45:00	52.59	330.6	9.66	7.75	6.65	13.6
2/7/00	14:00:00	52.81	332.3	9.77	7.77	6.658	12

2/7/00	14:15:00	53.02	334	9.82	7.78	6.658	11.8
2/7/00	14:30:00	53.22	335.7	9.88	7.79	6.641	12.6
2/7/00	14:45:00	53.46	334.6	9.89	7.8	6.625	11.2
2/7/00	15:00:00	53.64	335.1	9.93	7.81	6.622	10.8
2/7/00	15:15:00	53.91	335.1	9.99	7.83	6.615	11.5
2/7/00	15:30:00	54.1	336.8	10.04	7.84	6.612	12.6
2/7/00	15:45:00	54.3	335.9	10.06	7.85	6.606	11.8
2/7/00	16:00:00	54.46	335.1	10.08	7.87	6.602	11.9
2/7/00	16:15:00	54.72	336.6	10.12	7.89	6.595	11.7
2/7/00	16:30:00	54.84	337.3	10.19	7.9	6.582	10.9
2/7/00	16:45:00	55.04	336.4	10.2	7.91	6.581	11.2
2/7/00	17:00:00	55.2	338.2	10.22	7.92	6.587	10.9
2/7/00	17:15:00	55.33	336.3	10.24	7.93	6.589	12.5
2/7/00	17:30:00	55.45	338.4	10.23	7.94	6.586	11.6
2/7/00	17:45:00	55.51	336.8	10.26	7.95	6.578	10.9
2/7/00	18:00:00	55.56	339.2	10.24	7.96	6.578	10.8
2/7/00	18:15:00	55.63	338.8	10.24	7.97	6.57	11.2
2/7/00	18:30:00	55.67	339.9	10.21	7.97	6.571	11.2
2/7/00	18:45:00	55.71	339.8	10.24	7.98	6.576	10.9
2/7/00	19:00:00	55.71	338.5	10.24	7.99	6.583	10.7
2/7/00	19:15:00	55.69	338.6	10.15	7.99	6.583	15.8
2/7/00	19:30:00	55.67	339.9	10.15	7.98	6.58	12.6
2/7/00	19:45:00	55.65	340	10.15	7.99	6.585	13.3
2/7/00	20:00:00	55.62	338.9	10.12	7.99	6.584	13
2/7/00	20:15:00	55.49	339.5	10.05	8	6.583	12.5
2/7/00	20:30:00	55.44	339.7	9.98	8	6.588	16.5
2/7/00	20:45:00	55.35	337.6	9.93	8	6.581	14.1
2/7/00	21:00:00	55.24	338.1	9.86	8	6.58	14.4
2/7/00	21:15:00	55.13	338.6	9.81	7.99	6.577	13.6
2/7/00	21:30:00	55.04	337.7	9.74	7.98	6.567	23.3
2/7/00	21:45:00	54.88	339.8	9.68	7.97	6.567	13.2
2/7/00	22:00:00	54.77	340.3	9.63	7.96	6.564	13.5
2/7/00	22:15:00	54.63	340.9	9.58	7.94	6.557	11.5
2/7/00	22:30:00	54.54	340.1	9.49	7.93	6.552	13.7
2/7/00	22:45:00	54.37	340.8	9.44	7.92	6.553	12.7
2/7/00	23:00:00	54.25	341.4	9.41	7.91	6.541	12.9
2/7/00	23:15:00	54.16	343.2	9.34	7.89	6.539	18.6
2/7/00	23:30:00	53.98	341.4	9.32	7.88	6.543	12
2/7/00	23:45:00	53.89	343.2	9.29	7.87	6.538	11.3
2/8/00	0:00:00	53.76	343.8	9.24	7.86	6.531	11.6
2/8/00	0:15:00	53.64	344.4	9.22	7.85	6.525	11.3
2/8/00	0:30:00	53.51	343.7	9.21	7.83	6.518	12.1
2/8/00	0:45:00	53.4	344.2	9.19	7.83	6.509	12
2/8/00	1:00:00	53.29	343.4	9.19	7.81	6.5	11.7
2/8/00	1:15:00	53.2	345.2	9.15	7.81	6.496	13.3
2/8/00	1:30:00	53.1	347	9.16	7.8	6.49	9.9
2/8/00	1:45:00	53.02	346	9.14	7.79	6.488	12.5
2/8/00	2:00:00	52.93	345.1	9.18	7.79	6.482	10.6
2/8/00	2:15:00	52.86	345.5	9.12	7.78	6.489	15.8

2/8/00	2:30:00	52.79	345.8	9.12	7.77	6.487	16
2/8/00	2:45:00	52.72	346.2	9.09	7.77	6.478	15.1
2/8/00	3:00:00	52.65	346.6	9.09	7.76	6.476	14.5
2/8/00	3:15:00	52.59	346.8	9.08	7.76	6.474	11.4
2/8/00	3:30:00	52.52	347.2	9.07	7.76	6.473	10.3
2/8/00	3:45:00	52.48	348.7	9.07	7.75	6.474	11.9
2/8/00	4:00:00	52.45	347.5	9.07	7.75	6.476	10.7
2/8/00	4:15:00	52.43	349	9.06	7.75	6.467	12.1
2/8/00	4:30:00	52.43	349	9.05	7.74	6.462	10.3
2/8/00	4:45:00	52.38	349.3	9.04	7.74	6.46	10.8
2/8/00	5:00:00	52.38	349.3	9.07	7.74	6.453	14.5
2/8/00	5:15:00	52.36	350.7	9.07	7.73	6.451	12.8
2/8/00	5:30:00	52.34	349.4	9.03	7.72	6.447	10.2
2/8/00	5:45:00	52.36	349.3	8.99	7.72	6.438	17.7
2/8/00	6:00:00	52.34	350.8	9	7.72	6.441	11.7
2/8/00	6:15:00	52.3	351	9.04	7.73	6.446	10.6
2/8/00	6:30:00	52.3	351	9.03	7.72	6.433	11.3
2/8/00	6:45:00	52.3	349.6	9.04	7.72	6.429	11.6
2/8/00	7:00:00	52.29	349.7	9.01	7.72	6.424	11.4
2/8/00	7:15:00	52.29	351.1	8.99	7.71	6.422	10.7
2/8/00	7:30:00	52.29	351.1	8.97	7.71	6.422	10.5
2/8/00	7:45:00	52.27	352.5	9	7.71	6.423	10
2/8/00	8:00:00	52.27	353.9	8.99	7.71	6.421	9.3
2/8/00	8:15:00	52.27	351.2	8.99	7.71	6.423	10.6
2/8/00	8:30:00	52.27	352.5	8.99	7.71	6.43	9.8
2/8/00	8:45:00	52.27	352.5	9	7.71	6.435	9.7
2/8/00	9:00:00	52.27	353.9	9	7.71	6.433	9.6
2/8/00	9:15:00	52.27	355.2	9.02	7.71	6.436	9.7
2/8/00	9:30:00	52.27	353.9	9.07	7.71	6.43	11
2/8/00	9:45:00	52.29	353.8	9.06	7.72	6.432	20.4
2/8/00	10:00:00	52.29	353.8	9.04	7.72	6.419	15.7
2/8/00	10:15:00	52.3	353.7	9.04	7.72	6.418	12.7
2/8/00	10:30:00	52.3	355	9.08	7.72	6.411	9.4
2/8/00	10:45:00	52.32	356.3	9.07	7.72	6.398	11
2/8/00	11:00:00	52.36	354.8	9.05	7.71	6.389	10
2/8/00	11:15:00	52.39	357.3	9.05	7.71	6.377	11
2/8/00	11:30:00	52.45	355.7	9.02	7.7	6.373	15.7
2/8/00	11:45:00	52.5	356.7	9.08	7.7	6.36	8.7
2/8/00	12:00:00	52.56	355.1	9.11	7.71	6.351	9.1
2/8/00	12:15:00	52.65	357.3	9.14	7.71	6.352	8.4
2/8/00	12:30:00	52.77	356.7	9.18	7.72	6.348	8.4
2/8/00	12:45:00	52.88	357.5	9.25	7.73	6.341	7.8
2/8/00	13:00:00	53.02	356.8	9.25	7.72	6.329	7.6
2/8/00	13:15:00	53.19	357.3	9.3	7.73	6.323	7.7
2/8/00	13:30:00	53.33	359.2	9.43	7.75	6.317	8.5
2/8/00	13:45:00	53.47	358.5	9.49	7.75	6.307	8
2/8/00	14:00:00	53.62	359.1	9.53	7.76	6.297	7.5
2/8/00	14:15:00	53.78	359.6	9.54	7.76	6.284	7.7
2/8/00	14:30:00	53.98	359.9	9.64	7.77	6.29	7.9

2/8/00	14:45:00	54.18	360.2	9.69	7.79	6.282	7.7
2/8/00	15:00:00	54.37	360.6	9.8	7.8	6.275	7.4
2/8/00	15:15:00	54.63	360.6	9.92	7.82	6.265	8.2
2/8/00	15:30:00	54.82	360.9	10.01	7.84	6.264	10.6
2/8/00	15:45:00	55.02	359.9	10.03	7.85	6.264	12.5
2/8/00	16:00:00	55.17	360.5	10.15	7.88	6.26	9.4
2/8/00	16:15:00	55.36	362.1	10.19	7.89	6.257	9.3
2/8/00	16:30:00	55.58	361.1	10.22	7.9	6.247	8.4
2/8/00	16:45:00	55.78	361.4	10.37	7.92	6.244	8.2
2/8/00	17:00:00	55.92	362	10.39	7.94	6.252	7.8
2/8/00	17:15:00	56.05	361.3	10.42	7.96	6.245	8.1
2/8/00	17:30:00	56.25	361.6	10.5	7.98	6.238	7.1
2/8/00	17:45:00	56.39	362.2	10.53	8	6.224	10.1
2/8/00	18:00:00	56.48	360.5	10.55	8.01	6.224	8.4
2/8/00	18:15:00	56.57	361.3	10.6	8.03	6.225	9.2
2/8/00	18:30:00	56.59	362.5	10.59	8.05	6.229	8.1
2/8/00	18:45:00	56.68	360.8	10.58	8.06	6.219	8.2
2/8/00	19:00:00	56.73	361.8	10.58	8.07	6.217	15.7
2/8/00	19:15:00	56.77	361.6	10.58	8.07	6.22	10.9
2/8/00	19:30:00	56.79	361.5	10.59	8.08	6.22	9.5
2/8/00	19:45:00	56.8	361.5	10.57	8.08	6.214	14.5
2/8/00	20:00:00	56.8	362.7	10.55	8.09	6.217	9.1
2/8/00	20:15:00	56.8	361.5	10.52	8.1	6.216	13.3
2/8/00	20:30:00	56.77	361.6	10.43	8.12	6.208	11.6
2/8/00	20:45:00	56.71	360.6	10.37	8.13	6.205	17
2/8/00	21:00:00	56.64	361	10.28	8.14	6.211	13.8
2/8/00	21:15:00	56.57	360.1	10.19	8.14	6.208	14.3
2/8/00	21:30:00	56.5	361.7	10.11	8.14	6.205	19.9
2/8/00	21:45:00	56.41	360.8	10.05	8.14	6.204	20.8
2/8/00	22:00:00	56.32	361.3	9.97	8.14	6.205	16.1
2/8/00	22:15:00	56.23	363	9.88	8.13	6.2	12.4
2/8/00	22:30:00	56.16	362.1	9.78	8.11	6.191	16.3
2/8/00	22:45:00	56.08	362.4	9.71	8.1	6.188	12.2
2/8/00	23:00:00	55.96	364.4	9.63	8.09	6.188	9.3
2/8/00	23:15:00	55.87	362.2	9.57	8.07	6.182	9.2
2/8/00	23:30:00	55.78	362.7	9.47	8.06	6.18	14.7
2/8/00	23:45:00	55.67	364.5	9.41	8.04	6.174	10.4
2/9/00	0:00:00	55.58	363.7	9.36	8.02	6.17	11.3



Date	Time	Temp	SpCond	DO Conc	Depth	pH	Turbidity
M/D/Y	hh:mm:ss	F	uS/cm	mg/L	ft		NTU
1/11/01	12:48:04	70.21	1.5	8.64	0.469	8.29	4
1/13/01	0:00:40	47.15	273.2	15.34	6.252	7.73	67.9
1/13/01	0:15:40	47.15	274	13.29	6.253	7.74	62
1/13/01	0:30:40	47.09	274.3	12.48	6.249	7.73	59.3
1/13/01	0:45:40	47.04	275	11.97	6.249	7.74	57.9
1/13/01	1:00:40	46.95	276	11.6	6.243	7.73	56.5
1/13/01	1:15:40	46.94	277.1	11.33	6.246	7.74	58.7
1/13/01	1:30:40	46.93	277.5	11.14	6.247	7.74	136.5
1/13/01	1:45:40	46.87	278.1	10.98	6.251	7.73	55
1/13/01	2:00:40	46.87	278.4	10.89	6.252	7.73	65.3
1/13/01	2:15:40	46.86	279	10.83	6.249	7.73	56.6
1/13/01	2:30:40	46.81	279.4	10.69	6.243	7.73	55.8
1/13/01	2:45:40	46.8	280.2	10.7	6.243	7.73	58.2
1/13/01	3:00:40	46.79	280.6	10.6	6.243	7.72	57.4
1/13/01	3:15:40	46.78	281.2	10.52	6.236	7.72	63.6
1/13/01	3:30:40	46.76	281.8	10.43	6.234	7.72	54.6
1/13/01	3:45:40	46.74	282	10.46	6.243	7.72	53.2
1/13/01	4:00:40	46.73	282.4	10.5	6.24	7.72	53.1
1/13/01	4:15:40	46.72	283	10.6	6.246	7.72	50.7
1/13/01	4:30:40	46.72	283.3	10.48	6.24	7.71	53.9
1/13/01	4:45:40	46.7	283.9	10.43	6.239	7.71	52
1/13/01	5:00:40	46.67	284.5	10.42	6.244	7.71	50.3
1/13/01	5:15:40	46.64	284.8	10.31	6.239	7.7	52
1/13/01	5:30:40	46.65	285.5	10.32	6.235	7.71	58.3
1/13/01	5:45:40	46.59	285.6	10.26	6.239	7.7	56
1/13/01	6:00:40	46.56	286.2	10.17	6.239	7.7	50
1/13/01	6:15:40	46.58	286.4	10.13	6.235	7.7	49.6
1/13/01	6:30:40	46.56	286.9	10.13	6.243	7.7	49.9
1/13/01	6:45:40	46.52	287.6	10.06	6.239	7.69	49
1/13/01	7:00:40	46.56	287.8	9.99	6.239	7.7	48.2
1/13/01	7:15:40	46.55	288.2	10.03	6.24	7.7	46.8
1/13/01	7:30:40	46.54	288.8	10.05	6.244	7.7	46.3
1/13/01	7:45:40	46.49	289.3	10	6.249	7.7	47.1
1/13/01	8:00:40	46.47	289.4	9.98	6.254	7.7	47.1
1/13/01	8:15:40	46.45	290.3	10	6.254	7.7	45.7
1/13/01	8:30:40	46.5	290.8	10.07	6.25	7.7	57.6
1/13/01	8:45:40	46.49	291.4	10.11	6.254	7.71	46.3
1/13/01	9:00:40	46.49	291.9	10.04	6.262	7.71	50.1
1/13/01	9:15:40	46.49	292.5	9.99	6.261	7.71	46
1/13/01	9:30:40	46.48	292.9	10.01	6.267	7.71	44
1/13/01	9:45:40	46.48	293.7	10.05	6.265	7.71	44.1
1/13/01	10:00:40	46.47	294.2	10.17	6.264	7.72	42.3
1/13/01	10:15:40	46.47	294.8	10.14	6.264	7.72	41.8
1/13/01	10:30:40	46.48	295.6	10.19	6.262	7.72	45.8
1/13/01	10:45:40	46.49	296.6	10.15	6.249	7.72	42.4
1/13/01	11:00:40	46.49	297.5	10.15	6.244	7.72	40.7
1/13/01	11:15:40	46.52	298.3	10.14	6.238	7.72	41.9

1/13/01	11:30:40	46.54	299.2	10.09	6.24	7.72	40.8
1/13/01	11:45:40	46.55	300.2	10.12	6.231	7.71	40.1
1/13/01	12:00:40	46.56	301	10.08	6.215	7.71	40.7
1/13/01	12:15:40	46.58	301.3	10	6.212	7.71	46.3
1/13/01	12:30:40	46.61	301.8	10.04	6.2	7.71	40.5
1/13/01	12:45:40	46.69	302.3	10.03	6.19	7.71	39.7
1/13/01	13:00:40	46.68	303	10.04	6.181	7.71	41.2
1/13/01	13:15:40	46.77	303.5	10.1	6.172	7.72	39
1/13/01	13:30:40	46.74	304.2	10.12	6.172	7.71	39
1/13/01	13:45:40	46.81	304.6	10.15	6.164	7.71	38.6
1/13/01	14:00:40	46.83	304.9	10.19	6.16	7.71	38.1
1/13/01	14:15:40	46.85	305.5	10.13	6.158	7.71	38.7
1/13/01	14:30:40	47.02	305.7	10.1	6.157	7.72	38
1/13/01	14:45:40	47.08	306.4	10.25	6.155	7.72	37.5
1/13/01	15:00:40	47.12	307.3	10.28	6.146	7.72	37.6
1/13/01	15:15:40	47.19	307.6	10.29	6.144	7.72	37.8
1/13/01	15:30:40	47.27	308.5	10.27	6.147	7.72	36.9
1/13/01	15:45:40	47.43	308.8	10.35	6.155	7.73	36.8
1/13/01	16:00:40	47.45	309.7	10.44	6.155	7.73	43.6
1/13/01	16:15:40	47.55	310.5	10.48	6.15	7.74	36
1/13/01	16:30:40	47.58	311.4	10.49	6.152	7.74	35.4
1/13/01	16:45:40	47.65	311.9	10.53	6.143	7.74	35.5
1/13/01	17:00:40	47.68	312.8	10.57	6.138	7.74	35.1
1/13/01	17:15:40	47.76	313.2	10.52	6.136	7.74	35.9
1/13/01	17:30:40	47.87	313.9	10.52	6.131	7.75	34.5
1/13/01	17:45:40	47.94	314.3	10.51	6.137	7.75	34.5
1/13/01	18:00:40	47.97	315.3	10.49	6.133	7.76	36.7
1/13/01	18:15:40	48.03	315.8	10.5	6.135	7.76	36
1/13/01	18:30:40	48.12	316.2	10.6	6.131	7.77	35.2
1/13/01	18:45:40	48.21	316.8	10.64	6.13	7.78	33.4
1/13/01	19:00:40	48.31	317	10.59	6.127	7.78	33.8
1/13/01	19:15:40	48.41	317.5	10.69	6.121	7.79	32.5
1/13/01	19:30:40	48.44	318.7	10.74	6.126	7.79	33.9
1/13/01	19:45:40	48.52	318.8	10.73	6.126	7.79	261.1
1/13/01	20:00:40	48.6	319.6	10.76	6.12	7.8	33
1/13/01	20:15:40	48.7	320.3	10.76	6.123	7.8	30.2
1/13/01	20:30:40	48.8	320.5	10.77	6.122	7.81	30.3
1/13/01	20:45:40	48.76	321.2	10.68	6.12	7.81	31.3
1/13/01	21:00:40	48.84	321.6	10.73	6.122	7.81	32.5
1/13/01	21:15:40	48.91	322.1	10.78	6.126	7.82	30.2
1/13/01	21:30:40	48.96	322.3	10.87	6.124	7.82	29.6
1/13/01	21:45:40	49.02	323.2	11.05	6.114	7.83	29.5
1/13/01	22:00:40	49.02	324.3	11.04	6.118	7.83	31.6
1/13/01	22:15:40	49.04	324.7	10.94	6.112	7.83	34.4
1/13/01	22:30:40	49.09	325.3	10.85	6.113	7.83	30.3
1/13/01	22:45:40	49.11	326.1	11.02	6.106	7.84	30
1/13/01	23:00:40	49.12	326.8	11.06	6.1	7.84	29
1/13/01	23:15:40	49.14	327	10.95	6.097	7.84	33.2
1/13/01	23:30:40	49.15	327.3	10.97	6.089	7.84	30.5

1/13/01	23:45:40	49.14	327.8	10.98	6.091	7.84	29.2
1/14/01	0:00:40	49.13	328.5	10.96	6.095	7.84	28.1
1/14/01	0:15:40	49.09	329	10.91	6.084	7.84	28.1
1/14/01	0:30:40	49.08	329.6	10.86	6.075	7.83	28.3
1/14/01	0:45:40	49.08	329.8	10.84	6.07	7.84	28.4
1/14/01	1:00:40	49.08	330.1	10.89	6.071	7.83	27.3
1/14/01	1:15:40	49.1	330.8	10.92	6.072	7.83	26.5
1/14/01	1:30:40	49.07	331.5	10.91	6.067	7.83	27
1/14/01	1:45:40	49.05	332	10.82	6.069	7.82	27.2
1/14/01	2:00:40	49.04	332.4	10.64	6.066	7.82	27.7
1/14/01	2:15:40	49.02	332.9	10.55	6.068	7.82	26.9
1/14/01	2:30:40	48.97	333.4	10.49	6.069	7.83	26.2
1/14/01	2:45:40	48.94	334.1	10.39	6.059	7.82	25.8
1/14/01	3:00:40	48.9	334.6	10.52	6.051	7.82	26.8
1/14/01	3:15:40	48.83	335.2	10.52	6.053	7.82	25.4
1/14/01	3:30:40	48.79	336.4	10.33	6.044	7.82	25.3
1/14/01	3:45:40	48.73	337.7	10.27	6.042	7.81	28.5
1/14/01	4:00:40	48.67	339.1	10.32	6.037	7.81	43.2
1/14/01	4:15:40	48.61	340	10.4	6.036	7.81	23.9
1/14/01	4:30:40	48.55	340.6	10.34	6.041	7.81	26.3
1/14/01	4:45:40	48.5	341.3	10.24	6.033	7.81	23.6
1/14/01	5:00:40	48.42	341.9	10.26	6.03	7.81	24.2
1/14/01	5:15:40	48.32	342.8	10.22	6.027	7.81	23.6
1/14/01	5:30:40	48.28	343.5	10.25	6.023	7.8	24.5
1/14/01	5:45:40	48.19	344.7	10.26	6.028	7.8	23.8
1/14/01	6:00:40	48.14	345.4	10.21	6.027	7.8	24.4
1/14/01	6:15:40	48.08	345.8	10.22	6.03	7.79	24.4
1/14/01	6:30:40	48.01	346.6	10.23	6.022	7.79	23.7
1/14/01	6:45:40	47.9	347.2	10.18	6.025	7.79	22.5
1/14/01	7:00:40	47.8	347.8	10.13	6.033	7.79	23.2
1/14/01	7:15:40	47.75	348.7	10.13	6.031	7.79	22.4
1/14/01	7:30:40	47.69	349.2	10.02	6.032	7.78	21.7
1/14/01	7:45:40	47.58	350	9.89	6.031	7.78	22.5
1/14/01	8:00:40	47.54	350.4	9.85	6.033	7.78	21.7
1/14/01	8:15:40	47.45	351.2	9.92	6.034	7.78	22.5
1/14/01	8:30:40	47.35	351.8	10.11	6.04	7.78	21.1
1/14/01	8:45:40	47.28	352.2	10.01	6.036	7.78	22.2
1/14/01	9:00:40	47.16	353	10.04	6.035	7.78	21.9
1/14/01	9:15:40	47.09	353.5	10.12	6.032	7.78	22.4
1/14/01	9:30:40	47.04	354	10.08	6.032	7.78	20.8
1/14/01	9:45:40	46.97	354.7	10.06	6.029	7.78	20.3
1/14/01	10:00:40	46.92	355.1	10.09	6.025	7.78	20.5
1/14/01	10:15:40	46.86	355.5	10.08	6.018	7.78	20.9
1/14/01	10:30:40	46.82	356.1	10.03	6.011	7.78	20.8
1/14/01	10:45:40	46.81	356.6	10.05	6.01	7.78	31.3
1/14/01	11:00:40	46.76	356.9	10.11	5.999	7.78	20.4
1/14/01	11:15:40	46.74	357.1	10.15	5.991	7.78	19.1
1/14/01	11:30:40	46.72	357.5	10.22	5.962	7.78	19.2
1/14/01	11:45:40	46.7	357.8	10.2	5.943	7.78	19

1/14/01	12:00:40	46.7	358.1	10.13	5.925	7.78	21.4
1/14/01	12:15:40	46.71	358.4	10.15	5.908	7.78	19.6
1/14/01	12:30:40	46.69	358.8	10.16	5.892	7.78	22.4
1/14/01	12:45:40	46.7	358.9	10.1	5.878	7.78	18.8
1/14/01	13:00:40	46.71	359.6	10.25	5.863	7.77	18.6
1/14/01	13:15:40	46.72	360	10.28	5.854	7.78	19.1
1/14/01	13:30:40	46.72	360.3	10.31	5.84	7.78	19.3
1/14/01	13:45:40	46.75	360.7	10.34	5.826	7.77	18.3
1/14/01	14:00:40	46.73	361	10.28	5.816	7.78	18.9
1/14/01	14:15:40	46.75	361.4	10.26	5.812	7.78	19.5
1/14/01	14:30:40	46.77	361.5	10.14	5.804	7.77	18.9
1/14/01	14:45:40	46.78	361.9	9.94	5.795	7.77	18.6
1/14/01	15:00:40	46.78	362.1	9.88	5.789	7.77	18.6
1/14/01	15:15:40	46.79	362.2	9.87	5.789	7.76	18
1/14/01	15:30:40	46.83	362.3	9.95	5.788	7.77	18.3
1/14/01	15:45:40	46.87	362.3	9.85	5.786	7.76	19.5
1/14/01	16:00:40	46.88	362.9	9.9	5.778	7.76	18
1/14/01	16:15:40	46.94	363.1	9.92	5.778	7.76	17.8
1/14/01	16:30:40	46.98	364.2	10.88	5.772	7.77	18.3
1/14/01	16:45:40	47.03	363.7	10.93	5.767	7.77	18.2
1/14/01	17:00:40	47.05	363.7	10.98	5.766	7.78	18.7
1/14/01	17:15:40	47.06	363.9	10.92	5.766	7.78	16.9
1/14/01	17:30:40	47.1	364.1	11.14	5.764	7.78	17.1
1/14/01	17:45:40	47.13	365.9	11.26	5.768	7.8	17
1/14/01	18:00:40	47.13	365.7	11.29	5.767	7.81	17.3
1/14/01	18:15:40	47.16	366.1	11.19	5.766	7.81	17.3
1/14/01	18:30:40	47.14	365.9	11.31	5.766	7.81	16.7
1/14/01	18:45:40	47.19	366.4	11.48	5.761	7.83	17.9
1/14/01	19:00:40	47.2	367.1	11.58	5.76	7.84	16.7
1/14/01	19:15:40	47.24	367.3	11.63	5.76	7.85	16.4
1/14/01	19:30:40	47.28	367.7	11.73	5.756	7.86	17.2
1/14/01	19:45:40	47.34	368.5	11.79	5.754	7.87	16.4
1/14/01	20:00:40	47.43	368.5	11.81	5.75	7.88	16.7
1/14/01	20:15:40	47.41	369.8	11.89	5.746	7.88	17.3
1/14/01	20:30:40	47.49	370	11.98	5.742	7.89	16.7
1/14/01	20:45:40	47.45	370.7	12	5.737	7.89	16.1
1/14/01	21:00:40	47.52	370.9	12.04	5.737	7.9	17.8
1/14/01	21:15:40	47.57	371.7	12.07	5.735	7.9	17
1/14/01	21:30:40	47.59	371.9	12.12	5.73	7.91	15.8
1/14/01	21:45:40	47.63	372.2	12.16	5.725	7.92	29.1
1/14/01	22:00:40	47.64	372	12.2	5.72	7.92	17
1/14/01	22:15:40	47.7	372.5	11.92	5.712	7.92	16.4
1/14/01	22:30:40	47.71	373.5	12.21	5.711	7.93	22.8
1/14/01	22:45:40	47.7	374	12.24	5.706	7.93	16.9
1/14/01	23:00:40	47.74	374.1	12.25	5.699	7.94	18.3
1/14/01	23:15:40	47.74	374.9	12.25	5.697	7.93	18.5
1/14/01	23:30:40	47.77	375.5	12.28	5.696	7.92	17.4
1/14/01	23:45:40	47.71	375.7	12.23	5.688	7.92	34
1/15/01	0:00:40	47.65	375.9	12.22	5.679	7.91	16.3

1/15/01	0:15:40	47.65	376.1	12.22	5.674	7.94	18.1
1/15/01	0:30:40	47.68	376.2	12.2	5.664	7.95	15.9
1/15/01	0:45:40	47.62	376.4	12.18	5.657	7.95	15.9
1/15/01	1:00:40	47.57	376.6	12.12	5.653	7.94	15.9
1/15/01	1:15:40	47.58	376.7	12.12	5.645	7.94	17.5
1/15/01	1:30:40	47.58	377.5	12.05	5.643	7.94	18
1/15/01	1:45:40	47.5	377.8	12.03	5.636	7.93	18.6
1/15/01	2:00:40	47.43	378	11.93	5.631	7.93	20.2
1/15/01	2:15:40	47.35	378.1	11.87	5.627	7.94	38.1
1/15/01	2:30:40	47.22	378.7	11.78	5.624	7.94	17
1/15/01	2:45:40	47.11	379.9	11.76	5.618	7.94	17.5
1/15/01	3:00:40	46.97	380.6	11.71	5.611	7.94	17.5
1/15/01	3:15:40	46.86	381.8	11.7	5.605	7.94	15
1/15/01	3:30:40	46.76	382.7	11.64	5.601	7.93	15.9
1/15/01	3:45:40	46.64	383.3	11.6	5.59	7.93	14.7
1/15/01	4:00:40	46.55	384.1	11.56	5.586	7.93	14.4
1/15/01	4:15:40	46.41	384.1	11.54	5.58	7.93	15.3
1/15/01	4:30:40	46.31	384.9	11.47	5.573	7.92	13.4
1/15/01	4:45:40	46.18	385.2	11.46	5.566	7.92	14.4
1/15/01	5:00:40	46.08	385.7	11.43	5.562	7.92	15.2
1/15/01	5:15:40	45.99	386.2	11.4	5.558	7.91	14.6
1/15/01	5:30:40	45.89	386.9	11.34	5.552	7.91	15.9
1/15/01	5:45:40	45.76	387.7	11.38	5.545	7.91	16
1/15/01	6:00:40	45.66	388	11.34	5.54	7.91	12.8
1/15/01	6:15:40	45.56	387.6	11.3	5.537	7.9	15
1/15/01	6:30:40	45.47	387.9	11.29	5.534	7.9	13.6
1/15/01	6:45:40	45.34	388.5	11.28	5.532	7.9	13.3
1/15/01	7:00:40	45.19	389.3	11.28	5.528	7.9	18.5
1/15/01	7:15:40	45.12	389.4	11.26	5.527	7.9	12.6
1/15/01	7:30:40	44.98	390.1	11.23	5.521	7.89	12.1
1/15/01	7:45:40	44.9	390.3	11.2	5.52	7.89	13.1
1/15/01	8:00:40	44.79	390.9	11.23	5.516	7.89	12.6
1/15/01	8:15:40	44.67	391.5	11.24	5.504	7.89	12.9
1/15/01	8:30:40	44.57	391.8	11.23	5.503	7.89	11.8
1/15/01	8:45:40	44.46	392.1	11.26	5.496	7.88	11.9
1/15/01	9:00:40	44.39	392.6	11.24	5.495	7.88	12.8
1/15/01	9:15:40	44.29	392.7	11.27	5.486	7.88	11.7
1/15/01	9:30:40	44.2	393.3	11.29	5.482	7.88	11.4
1/15/01	9:45:40	44.12	394	11.28	5.485	7.88	12.5
1/15/01	10:00:40	44.04	394.2	11.25	5.486	7.88	11.7
1/15/01	10:15:40	43.97	394.5	11.35	5.477	7.88	13.5
1/15/01	10:30:40	43.95	394.6	11.33	5.473	7.87	11.5
1/15/01	10:45:40	43.88	394.9	11.43	5.465	7.87	12
1/15/01	11:00:40	43.83	395.2	11.46	5.455	7.87	11.2
1/15/01	11:15:40	43.85	395.8	11.5	5.445	7.87	11.7
1/15/01	11:30:40	43.87	396	11.51	5.43	7.87	12
1/15/01	11:45:40	43.82	396.2	11.63	5.419	7.87	11.2
1/15/01	12:00:40	43.81	396.3	11.76	5.401	7.87	10.5
1/15/01	12:15:40	43.8	396.4	11.9	5.388	7.87	10.9

1/15/01	12:30:40	43.83	396.6	12.07	5.377	7.87	10.9
1/15/01	12:45:40	43.85	397	12.19	5.36	7.88	10.8
1/15/01	13:00:40	43.84	397.3	12.24	5.345	7.88	10.6
1/15/01	13:15:40	43.91	397.5	12.24	5.336	7.88	10.8
1/15/01	13:30:40	43.88	398.1	12.14	5.317	7.88	11.2
1/15/01	13:45:40	43.93	398.6	12.08	5.297	7.88	11.2
1/15/01	14:00:40	43.93	398.6	12	5.287	7.88	12.2
1/15/01	14:15:40	43.98	398.5	11.88	5.275	7.87	11.8
1/15/01	14:30:40	44.04	398.7	11.75	5.275	7.88	11.5
1/15/01	14:45:40	44.03	398.8	11.53	5.273	7.88	10.7
1/15/01	15:00:40	44.3	398.9	11.48	5.274	7.89	11.1
1/15/01	15:15:40	44.36	398.6	11.27	5.276	7.87	10.8
1/15/01	15:30:40	44.35	399.7	11.27	5.277	7.88	10.9
1/15/01	15:45:40	44.34	400.1	11.27	5.275	7.88	11.5
1/15/01	16:00:40	44.35	400.3	11.24	5.273	7.87	10.6
1/15/01	16:15:40	44.37	401.6	11.18	5.275	7.88	10.6
1/15/01	16:30:40	44.38	402.9	11.36	5.277	7.88	10.9
1/15/01	16:45:40	44.39	402.9	11.45	5.275	7.89	9.9
1/15/01	17:00:40	44.4	404.1	11.32	5.278	7.88	10.3
1/15/01	17:15:40	44.4	403.5	11.43	5.277	7.89	10.3
1/15/01	17:30:40	44.38	403.7	11.57	5.278	7.89	9.9
1/15/01	17:45:40	44.38	404	11.65	5.282	7.89	10.4
1/15/01	18:00:40	44.39	404.5	11.66	5.281	7.89	10.2
1/15/01	18:15:40	44.44	404.2	11.6	5.281	7.89	10.1
1/15/01	18:30:40	44.49	404.1	11.71	5.283	7.89	10.7
1/15/01	18:45:40	44.48	404.8	11.81	5.285	7.9	9.7
1/15/01	19:00:40	44.5	405.5	11.9	5.289	7.9	9.7
1/15/01	19:15:40	44.52	405.6	12.06	5.291	7.91	9.6
1/15/01	19:30:40	44.53	405.7	12.11	5.295	7.92	9.8
1/15/01	19:45:40	44.58	406.2	12.22	5.296	7.93	9.5
1/15/01	20:00:40	44.59	406.6	12.32	5.298	7.94	9.5
1/15/01	20:15:40	44.65	406.5	12.34	5.295	7.94	12.6
1/15/01	20:30:40	44.68	407.1	12.4	5.293	7.95	9.5
1/15/01	20:45:40	44.77	407.5	12.49	5.294	7.96	9.6
1/15/01	21:00:40	44.79	407.6	12.57	5.296	7.97	10.5
1/15/01	21:15:40	44.81	407.9	12.62	5.293	7.97	9.8
1/15/01	21:30:40	44.85	408.3	12.67	5.293	7.98	10
1/15/01	21:45:40	44.88	408.5	12.7	5.293	7.98	9.5
1/15/01	22:00:40	44.94	408.8	12.73	5.292	7.98	10
1/15/01	22:15:40	44.97	409.2	12.77	5.29	7.99	9.7
1/15/01	22:30:40	45.02	409.2	12.8	5.284	8	11.1
1/15/01	22:45:40	45.05	409.5	12.82	5.28	8	9.4
1/15/01	23:00:40	45.04	410.2	12.84	5.278	8	10.3
1/15/01	23:15:40	45.12	410.5	12.85	5.278	8.01	9.4
1/15/01	23:30:40	45.13	410.9	12.85	5.279	8.02	9.9
1/15/01	23:45:40	45.14	411.8	12.89	5.283	8.02	10.2
1/16/01	0:00:40	45.17	413.8	12.88	5.268	8.02	12.2
1/16/01	0:15:40	45.15	411.9	12.88	5.26	8.03	10.1
1/16/01	0:30:40	45.17	411.9	12.86	5.255	8.03	10.7

1/16/01	0:45:40	45.16	412	12.88	5.247	8.04	10
1/16/01	1:00:40	45.17	412.7	12.89	5.242	8.04	10
1/16/01	1:15:40	45.13	413.1	12.85	5.239	8.04	9.5
1/16/01	1:30:40	45.14	413.3	12.84	5.237	8.03	10.4
1/16/01	1:45:40	45.11	413.7	12.79	5.242	8.03	13.5
1/16/01	2:00:40	45.12	413.7	12.74	5.244	8.03	9.5
1/16/01	2:15:40	45.1	413.7	12.72	5.242	8.02	9.3
1/16/01	2:30:40	45.07	414	12.65	5.24	8.03	9.6
1/16/01	2:45:40	45.03	414.2	12.74	5.243	8.03	9.8
1/16/01	3:00:40	45.05	414.2	12.68	5.239	8.03	9.8
1/16/01	3:15:40	44.98	414.6	12.56	5.235	8.02	11.5
1/16/01	3:30:40	44.87	414	12.47	5.228	8.02	9.7
1/16/01	3:45:40	44.78	414.2	12.42	5.224	8.02	10.6
1/16/01	4:00:40	44.68	414.7	12.38	5.223	8.03	10.4
1/16/01	4:15:40	44.57	415.3	12.34	5.221	8.03	10.2
1/16/01	4:30:40	44.5	415.2	12.28	5.217	8.03	10.6
1/16/01	4:45:40	44.4	415.6	12.25	5.212	8.02	10
1/16/01	5:00:40	44.31	416.2	12.18	5.206	8.02	10
1/16/01	5:15:40	44.3	416	12.15	5.196	8.02	14
1/16/01	5:30:40	44.08	416.6	12.09	5.191	8.01	10.8
1/16/01	5:45:40	44.02	416.8	12.06	5.193	8.01	9
1/16/01	6:00:40	43.94	417.4	12.03	5.185	8.01	9.5
1/16/01	6:15:40	43.8	417.6	11.98	5.181	8	8.6
1/16/01	6:30:40	43.73	418.4	11.91	5.183	8	8.8
1/16/01	6:45:40	43.59	418.6	11.93	5.184	7.99	9.6
1/16/01	7:00:40	43.49	419.2	11.9	5.18	7.99	9.4
1/16/01	7:15:40	43.43	419.4	11.87	5.179	7.99	13.7
1/16/01	7:30:40	43.38	419.6	11.83	5.182	7.98	8.6
1/16/01	7:45:40	43.24	419.7	11.81	5.18	7.98	7.9
1/16/01	8:00:40	43.15	420.3	11.82	5.19	7.98	7.9
1/16/01	8:15:40	43.04	420.6	11.79	5.185	7.97	8.1
1/16/01	8:30:40	43	421	11.76	5.185	7.97	7.8
1/16/01	8:45:40	42.87	420.8	11.78	5.189	7.97	8.3
1/16/01	9:00:40	42.77	421.5	11.81	5.19	7.97	8.1
1/16/01	9:15:40	42.71	421.7	11.8	5.188	7.97	8.1
1/16/01	9:30:40	42.71	421.7	11.8	5.186	7.96	8.5
1/16/01	9:45:40	42.58	422	11.83	5.184	7.96	7.5
1/16/01	10:00:40	42.52	422	11.86	5.186	7.96	7.9
1/16/01	10:15:40	42.49	422.9	11.88	5.154	7.96	7.6
1/16/01	10:30:40	42.44	422.9	11.9	5.143	7.96	8.1
1/16/01	10:45:40	42.37	423.5	11.95	5.134	7.95	7.4
1/16/01	11:00:40	42.32	423.6	12.04	5.127	7.95	7.4
1/16/01	11:15:40	42.31	423.9	12.11	5.119	7.95	7.4
1/16/01	11:30:40	42.31	424.2	12.25	5.109	7.95	8.5
1/16/01	11:45:40	42.34	424.6	12.38	5.097	7.95	7.5
1/16/01	12:00:40	42.33	425.1	12.6	5.09	7.95	7.3
1/16/01	12:15:40	42.38	425.6	12.86	5.082	7.95	7.4
1/16/01	12:30:40	42.38	425.8	13.12	5.072	7.96	7.3
1/16/01	12:45:40	42.4	426	13.32	5.062	7.96	7.8

1/16/01	13:00:40	42.41	426.2	13.45	5.054	7.96	7.3
1/16/01	13:15:40	42.45	426.5	13.45	5.044	7.96	7.1
1/16/01	13:30:40	42.46	427	13.36	5.035	7.96	7.4
1/16/01	13:45:40	42.47	427.1	13.35	5.017	7.95	7
1/16/01	14:00:40	42.48	427.4	13.39	5.007	7.95	7
1/16/01	14:15:40	42.52	428	13.27	4.999	7.96	7
1/16/01	14:30:40	42.53	427.6	12.95	4.996	7.95	7.5
1/16/01	14:45:40	42.55	427.3	12.25	4.989	7.95	7.2
1/16/01	15:00:40	42.56	427.8	11.77	4.989	7.95	7.6
1/16/01	15:15:40	42.57	427.8	11.5	4.989	7.94	7.8
1/16/01	15:30:40	42.6	428	11.28	4.986	7.94	7.5
1/16/01	15:45:40	42.68	427.9	11.2	4.984	7.94	7.3
1/16/01	16:00:40	42.69	428.3	11.29	4.984	7.94	7.4
1/16/01	16:15:40	42.71	428.2	11.24	4.982	7.94	7.3
1/16/01	16:30:40	42.74	428.6	11.23	4.984	7.94	7.2
1/16/01	16:45:40	42.87	428.1	11.27	4.985	7.94	7.8
1/16/01	17:00:40	42.91	428.6	11.28	4.987	7.94	7.4
1/16/01	17:15:40	42.91	429.3	11.36	4.988	7.93	7
1/16/01	17:30:40	42.96	429.7	11.32	4.99	7.94	32.4
1/16/01	17:45:40	42.96	430	11.29	4.983	7.93	9.6
1/16/01	18:00:40	42.96	430.5	10.8	4.988	7.92	7.3
1/16/01	18:15:40	42.96	430.6	11.35	4.991	7.93	7.3
1/16/01	18:30:40	43.01	430.4	11.53	4.992	7.93	7.1
1/16/01	18:45:40	43.1	430.4	11.47	5	7.92	7.2
1/16/01	19:00:40	43.08	430.9	11.82	4.986	7.94	8.1
1/16/01	19:15:40	43.12	431.9	12.14	4.988	7.95	7.3
1/16/01	19:30:40	43.09	433.6	12.34	4.998	7.96	7.5
1/16/01	19:45:40	43.29	434.7	12.47	5.002	7.99	7.4
1/16/01	20:00:40	43.31	434.7	12.49	5.007	7.99	9.3
1/16/01	20:15:40	43.37	435.1	12.5	5.009	7.98	7.1
1/16/01	20:30:40	43.37	435.3	12.56	5.015	7.97	7.2
1/16/01	20:45:40	43.33	435.5	12.63	5.013	7.98	6.9
1/16/01	21:00:40	43.34	435.8	12.68	5.013	7.99	9.2
1/16/01	21:15:40	43.38	436	12.71	5.01	7.99	7.6
1/16/01	21:30:40	43.43	436.1	12.85	5.01	7.99	7.6
1/16/01	21:45:40	43.49	436.6	12.85	5.009	8	7.3
1/16/01	22:00:40	43.5	436.6	12.92	5.015	8.01	7.4
1/16/01	22:15:40	43.59	436.7	13.03	5.011	8.01	7.9
1/16/01	22:30:40	43.57	437.4	13.03	5.016	8.01	8.4
1/16/01	22:45:40	43.59	437.3	13.07	5.02	8.02	7.9
1/16/01	23:00:40	43.61	437.6	13.14	5.022	8.03	7.6
1/16/01	23:15:40	43.64	438.1	13.18	5.024	8.03	7.8
1/16/01	23:30:40	43.67	438	13.19	5.024	8.04	8.9
1/16/01	23:45:40	43.73	438.3	13.23	5.015	8.04	7.2
1/17/01	0:00:40	43.69	438.6	13.3	5.011	8.05	8
1/17/01	0:15:40	43.7	438.8	13.27	5.004	8.05	7.3
1/17/01	0:30:40	43.74	439.1	13.27	5.001	8.05	7.5
1/17/01	0:45:40	43.76	439.1	13.31	4.998	8.06	10.1
1/17/01	1:00:40	43.76	439.4	13.29	4.995	8.07	7.5



1/17/01	1:15:40	43.79	439.8	13.3	4.991	8.07	8.4
1/17/01	1:30:40	43.8	440	13.26	4.999	8.07	7.1
1/17/01	1:45:40	43.78	440.1	13.28	4.99	8.07	7.5
1/17/01	2:00:40	43.76	440.3	13.23	4.991	8.07	8.2
1/17/01	2:15:40	43.73	440.7	13.14	4.996	8.07	7.5
1/17/01	2:30:40	43.73	440.8	13.19	4.996	8.07	8.3
1/17/01	2:45:40	43.76	440.8	13.19	4.994	8.06	8
1/17/01	3:00:40	43.75	441.1	13.12	4.989	8.06	7.8
1/17/01	3:15:40	43.69	441.1	13.11	4.984	8.07	7.8
1/17/01	3:30:40	43.68	440.9	13.1	4.98	8.07	8.3
1/17/01	3:45:40	43.66	441.2	13.12	4.974	8.07	8.3
1/17/01	4:00:40	43.64	441.3	13.02	4.973	8.07	9.2
1/17/01	4:15:40	43.62	441.5	12.8	4.969	8.05	7.3
1/17/01	4:30:40	43.58	441.9	12.99	4.971	8.05	8.4
1/17/01	4:45:40	43.49	442.1	12.92	4.968	8.04	10.1
1/17/01	5:00:40	43.37	442.7	12.74	4.964	8.05	8.8
1/17/01	5:15:40	43.29	442.9	12.68	4.962	8.06	9.7
1/17/01	5:30:40	43.19	442.9	12.61	4.962	8.05	8.8
1/17/01	5:45:40	43.08	443.5	12.57	4.971	8.06	7.2
1/17/01	6:00:40	43.04	443.7	12.49	4.978	8.05	7.3
1/17/01	6:15:40	42.92	444.1	12.48	4.982	8.04	7.6
1/17/01	6:30:40	42.79	443.9	12.43	4.986	8.04	7.5
1/17/01	6:45:40	42.66	444.7	12.38	4.985	8.04	6.7
1/17/01	7:00:40	42.55	444.3	12.33	4.987	8.04	6.9
1/17/01	7:15:40	42.5	444.9	12.3	4.989	8.04	7.2
1/17/01	7:30:40	42.34	446.5	12.28	4.989	8.03	15.7
1/17/01	7:45:40	42.37	446	12.24	4.992	8.03	6.5
1/17/01	8:00:40	42.21	446.3	12.26	4.996	8.03	6.7
1/17/01	8:15:40	42.1	446.4	12.24	4.998	8.02	7.7
1/17/01	8:30:40	42.08	446.3	12.21	5.001	8.02	6.4
1/17/01	8:45:40	41.96	447	12.24	5.002	8.02	6.6
1/17/01	9:00:40	41.87	446.9	12.25	5	8.02	7.8
1/17/01	9:15:40	41.66	447.6	12.28	4.999	8.01	6.1
1/17/01	9:30:40	41.66	448.4	12.29	5.001	8.01	6.9
1/17/01	9:45:40	41.62	448.5	12.33	4.997	8.01	6.4
1/17/01	10:00:40	41.57	449.2	12.36	4.993	8.01	6.4
1/17/01	10:15:40	41.52	449.4	12.37	4.997	8.01	6.5
1/17/01	10:30:40	41.49	449.5	12.41	4.993	8.01	8.6
1/17/01	10:45:40	41.49	449.2	12.47	4.985	8.01	7.5
1/17/01	11:00:40	41.38	449.1	12.57	4.974	8	5.5
1/17/01	11:15:40	41.32	449.4	12.69	4.97	8	5.6
1/17/01	11:30:40	41.33	449.1	12.84	4.963	8	6.2
1/17/01	11:45:40	41.31	449.6	13.04	4.95	8	5.8
1/17/01	12:00:40	41.26	449.8	13.36	4.946	8	5.9
1/17/01	12:15:40	41.31	450.1	13.68	4.934	8	5.5
1/17/01	12:30:40	41.37	450	13.99	4.925	8	5.6
1/17/01	12:45:40	41.35	450.5	14.23	4.906	8	5.9
1/17/01	13:00:40	41.42	451.2	14.38	4.887	8.01	5.8
1/17/01	13:15:40	41.47	451.2	14.32	4.874	8	5.7

1/17/01	13:30:40	41.46	451.6	14.2	4.865	8.01	6.1
1/17/01	13:45:40	41.45	451.5	14.24	4.852	8	5.5
1/17/01	14:00:40	41.49	451.4	14.3	4.839	8	5.3
1/17/01	14:15:40	41.5	451.8	14.12	4.831	8.01	5.7
1/17/01	14:30:40	41.53	451.7	13.74	4.821	8.01	5.7
1/17/01	14:45:40	41.54	451.6	13.04	4.808	8	5.6
1/17/01	15:00:40	41.61	451.3	12.39	4.805	8	5.4
1/17/01	15:15:40	41.63	451.4	12.1	4.806	8	5.7
1/17/01	15:30:40	41.63	451.6	11.88	4.808	7.99	5.1
1/17/01	15:45:40	41.63	451.9	11.78	4.806	7.99	5.2
1/17/01	16:00:40	41.66	451.8	11.72	4.807	7.99	5.4
1/17/01	16:15:40	41.75	451.8	11.58	4.801	7.99	5.5
1/17/01	16:30:40	41.8	452.1	11.62	4.791	7.99	5.4
1/17/01	16:45:40	41.84	452.1	11.64	4.782	7.98	5.4
1/17/01	17:00:40	41.84	452.4	11.56	4.775	7.98	5.6
1/17/01	17:15:40	41.88	452.5	11.5	4.768	7.98	5.3
1/17/01	17:30:40	41.88	452.6	11.45	4.763	7.98	5.4
1/17/01	17:45:40	41.9	452.7	11.49	4.758	7.98	5.3
1/17/01	18:00:40	41.95	452.7	11.56	4.753	7.98	5.3
1/17/01	18:15:40	41.96	453	11.78	4.754	7.98	6.2
1/17/01	18:30:40	41.98	453.1	11.72	4.751	7.98	5.5
1/17/01	18:45:40	41.96	453.5	11.61	4.743	7.97	5.1
1/17/01	19:00:40	42.07	453.3	11.76	4.738	7.97	5
1/17/01	19:15:40	42.14	453.6	12.1	4.738	7.97	6.6
1/17/01	19:30:40	42.2	453.5	12.27	4.73	7.97	5.4
1/17/01	19:45:40	42.23	454.4	12.44	4.734	7.98	5.6
1/17/01	20:00:40	42.32	454.7	12.62	4.739	7.98	5.4
1/17/01	20:15:40	42.3	455.2	12.65	4.735	7.99	5.9
1/17/01	20:30:40	42.33	455.9	12.74	4.738	7.99	6.1
1/17/01	20:45:40	42.4	456.2	12.91	4.734	8.01	7.8
1/17/01	21:00:40	42.4	456.8	12.9	4.727	8.02	6.1
1/17/01	21:15:40	42.48	457.2	13.16	4.728	8.02	6.1
1/17/01	21:30:40	42.46	457.6	13.13	4.724	8.02	5.4
1/17/01	21:45:40	42.54	457.5	13.27	4.726	8.01	5.6
1/17/01	22:00:40	42.55	457.8	13.34	4.723	8.02	6.3
1/17/01	22:15:40	42.56	458.1	13.3	4.726	8.03	7
1/17/01	22:30:40	42.64	458.3	13.45	4.72	8.02	5.7
1/17/01	22:45:40	42.67	458.6	13.55	4.727	8.02	5.9
1/17/01	23:00:40	42.7	458.5	13.56	4.724	8.03	6.7
1/17/01	23:15:40	42.74	458.6	13.6	4.724	8.03	6.1
1/17/01	23:30:40	42.75	459.2	13.69	4.719	8.03	6.3
1/17/01	23:45:40	42.77	459.3	13.74	4.715	8.05	5.8
1/18/01	0:00:40	42.81	459.7	13.72	4.7	8.05	6.4
1/18/01	0:15:40	42.8	459.6	13.77	4.693	8.06	5.9
1/18/01	0:30:40	42.83	459.8	13.79	4.682	8.07	5.6
1/18/01	0:45:40	42.87	460.1	13.83	4.675	8.06	7.1
1/18/01	1:00:40	42.86	460.5	13.83	4.657	8.07	6.1
1/18/01	1:15:40	42.85	460.2	13.77	4.653	8.07	6.1
1/18/01	1:30:40	42.83	460.7	13.81	4.647	8.07	7

1/18/01	1:45:40	42.9	460.6	13.82	4.647	8.08	5.4
1/18/01	2:00:40	42.87	460.9	13.79	4.644	8.08	6.1
1/18/01	2:15:40	42.9	461.2	13.66	4.643	8.08	5.4
1/18/01	2:30:40	42.86	461.3	13.71	4.648	8.1	6.5
1/18/01	2:45:40	42.89	461.4	13.7	4.647	8.1	5.9
1/18/01	3:00:40	42.9	461.6	13.75	4.653	8.1	5.4
1/18/01	3:15:40	42.87	461.8	13.54	4.647	8.1	6.3
1/18/01	3:30:40	42.86	461.8	13.5	4.64	8.1	5.7
1/18/01	3:45:40	42.85	462	13.59	4.638	8.09	5.6
1/18/01	4:00:40	42.82	462.1	13.52	4.635	8.1	5.9
1/18/01	4:15:40	42.8	462.4	13.5	4.627	8.09	5.9
1/18/01	4:30:40	42.8	462.5	13.58	4.614	8.09	6
1/18/01	4:45:40	42.78	462.1	13.5	4.613	8.09	5.9
1/18/01	5:00:40	42.77	462.3	13.57	4.606	8.08	5.6
1/18/01	5:15:40	42.73	462.8	13.52	4.604	8.07	5.7
1/18/01	5:30:40	42.7	463	13.28	4.603	8.07	6
1/18/01	5:45:40	42.67	463.1	13.16	4.6	8.08	6.6
1/18/01	6:00:40	42.61	463.4	13.24	4.601	8.08	7
1/18/01	6:15:40	42.6	465.9	13.08	4.599	8.08	7.1
1/18/01	6:30:40	42.48	467.7	13.02	4.6	8.08	10
1/18/01	6:45:40	42.38	468.4	12.94	4.604	8.08	6.5
1/18/01	7:00:40	42.3	469.7	12.9	4.602	8.08	12.5
1/18/01	7:15:40	42.24	471.2	12.81	4.603	8.08	5.7
1/18/01	7:30:40	42.16	470	12.79	4.599	8.08	6.4
1/18/01	7:45:40	42.02	469.8	12.77	4.601	8.07	21.9
1/18/01	8:00:40	42.08	472.2	12.65	4.596	8.07	6.1
1/18/01	8:15:40	41.96	471.9	12.7	4.585	8.06	5.8
1/18/01	8:30:40	41.82	471.8	12.72	4.581	8.06	5.6
1/18/01	8:45:40	41.78	471.7	12.76	4.586	8.06	5
1/18/01	9:00:40	41.67	471.8	12.73	4.583	8.05	5.5
1/18/01	9:15:40	41.66	472	12.7	4.58	8.05	5
1/18/01	9:30:40	41.7	473.5	12.72	4.577	8.05	4.8
1/18/01	9:45:40	41.5	472.7	12.77	4.578	8.04	4.7
1/18/01	10:00:40	41.49	474.9	13.08	4.581	8.04	4.7
1/18/01	10:15:40	41.42	473.8	12.96	4.573	8.04	4.3
1/18/01	10:30:40	41.46	471.8	13.12	4.58	8.04	5
1/18/01	10:45:40	41.45	472.4	13.17	4.578	8.04	5.4
1/18/01	11:00:40	41.45	471.8	13.05	4.582	8.03	4.8
1/18/01	11:15:40	41.4	474	13.12	4.573	8.03	4.8
1/18/01	11:30:40	41.37	475.1	13.26	4.562	8.03	4.5
1/18/01	11:45:40	41.39	472.1	13.67	4.54	8.03	5.3
1/18/01	12:00:40	41.37	471.8	13.65	4.532	8.03	4.4
1/18/01	12:15:40	41.4	471.9	13.56	4.522	8.03	4.5
1/18/01	12:30:40	41.39	477.5	13.91	4.514	8.03	4.7
1/18/01	12:45:40	41.45	475.2	14.55	4.501	8.03	5
1/18/01	13:00:40	41.52	474.3	14.5	4.494	8.03	4.4
1/18/01	13:15:40	41.52	478	14.86	4.489	8.04	5.3
1/18/01	13:30:40	41.55	477.1	14.77	4.477	8.04	4.3
1/18/01	13:45:40	41.59	476.9	13.83	4.471	8.03	4.4

1/18/01	14:00:40	41.6	476.1	13.47	4.465	8.03	6.1
1/18/01	14:15:40	41.64	474.7	13.46	4.455	8.03	4.5
1/18/01	14:30:40	41.66	474.4	13.22	4.451	8.02	5.5
1/18/01	14:45:40	41.69	472.3	13.03	4.45	8.02	4.5
1/18/01	15:00:40	41.7	473.4	12.91	4.453	8.02	4.7
1/18/01	15:15:40	41.73	475.8	12.86	4.444	8.02	4.5
1/18/01	15:30:40	41.79	475.3	12.74	4.423	8.02	6.6
1/18/01	15:45:40	41.83	477.4	12.76	4.427	8.02	4.5
1/18/01	16:00:40	41.88	476.5	12.44	4.421	8.02	4.6
1/18/01	16:15:40	41.87	475.4	12.1	4.409	8.01	5.4
1/18/01	16:30:40	41.94	475.9	11.95	4.417	8.01	4.8
1/18/01	16:45:40	42	476.6	11.72	4.411	8.01	4.7
1/18/01	17:00:40	42.04	476.7	11.72	4.401	8.01	4.7
1/18/01	17:15:40	42.18	477.3	11.59	4.392	8	4.8
1/18/01	17:30:40	42.18	477.5	11.65	4.397	8	5.2
1/18/01	17:45:40	42.31	478	11.64	4.391	8	5.3
1/18/01	18:00:40	42.41	479.9	11.86	4.386	8	4.3
1/18/01	18:15:40	42.4	480.2	11.98	4.382	8	5
1/18/01	18:30:40	42.45	478	12.01	4.38	7.99	5
1/18/01	18:45:40	42.55	479.8	12.15	4.379	8	5.4
1/18/01	19:00:40	42.53	482	12.22	4.376	8	5
1/18/01	19:15:40	42.65	479.3	12.42	4.375	8.01	4.7
1/18/01	19:30:40	42.76	480.1	12.51	4.375	8.01	6.1
1/18/01	19:45:40	42.81	480.3	12.71	4.383	8.01	4.7
1/18/01	20:00:40	42.91	480.2	12.84	4.384	8.01	4.7
1/18/01	20:15:40	42.92	480.8	13	4.384	8.01	5.2
1/18/01	20:30:40	43.07	479.6	13.12	4.384	8.02	4.3
1/18/01	20:45:40	43.11	481.9	13.27	4.373	8.03	5.5
1/18/01	21:00:40	43.11	481	13.43	4.37	8.04	4.9
1/18/01	21:15:40	43.17	482.5	13.49	4.371	8.04	5
1/18/01	21:30:40	43.28	482.7	13.53	4.376	8.04	5.6
1/18/01	21:45:40	43.32	481.8	13.67	4.378	8.04	7.2
1/18/01	22:00:40	43.42	482.9	13.71	4.379	8.05	4.8
1/18/01	22:15:40	43.45	483.7	13.83	4.376	8.07	4.9
1/18/01	22:30:40	43.51	484.2	13.83	4.373	8.07	4.8
1/18/01	22:45:40	43.61	480.9	13.97	4.372	8.08	5.8
1/18/01	23:00:40	43.64	482.4	14.02	4.37	8.08	4.5
1/18/01	23:15:40	43.72	481.2	14.08	4.37	8.09	4.7
1/18/01	23:30:40	43.79	482.9	14.15	4.368	8.09	5.6
1/18/01	23:45:40	43.82	483.3	14.23	4.368	8.11	4.8
1/19/01	0:00:40	43.86	481.3	14.27	4.358	8.12	4.9
1/19/01	0:15:40	43.93	481.4	14.28	4.348	8.11	5.2
1/19/01	0:30:40	44	481.1	14.29	4.344	8.11	5.2
1/19/01	0:45:40	44.05	481.2	14.28	4.328	8.12	5.3
1/19/01	1:00:40	44.14	481.2	14.33	4.331	8.11	5.1
1/19/01	1:15:40	44.17	481.3	14.32	4.326	8.12	9.8
1/19/01	1:30:40	44.25	481.2	14.31	4.32	8.13	5.4
1/19/01	1:45:40	44.27	481.4	14.31	4.322	8.13	6.5
1/19/01	2:00:40	44.36	481.2	14.3	4.321	8.13	5.9

1/19/01	2:15:40	44.37	481.6	14.26	4.322	8.15	5.9
1/19/01	2:30:40	44.41	481.5	14.24	4.324	8.15	4.9
1/19/01	2:45:40	44.45	481.5	14.19	4.321	8.14	4.8
1/19/01	3:00:40	44.5	481.2	14.18	4.311	8.15	5.3
1/19/01	3:15:40	44.52	481.1	14.12	4.307	8.15	6.2
1/19/01	3:30:40	44.53	481	14.03	4.301	8.15	4.9
1/19/01	3:45:40	44.54	481.2	14.02	4.292	8.16	5.2
1/19/01	4:00:40	44.61	481.4	13.96	4.294	8.15	5.4
1/19/01	4:15:40	44.62	481.4	13.91	4.294	8.15	4.5
1/19/01	4:30:40	44.63	481.4	13.86	4.292	8.15	5.1
1/19/01	4:45:40	44.64	481.4	13.84	4.286	8.15	5.3
1/19/01	5:00:40	44.62	481.6	13.75	4.28	8.16	5.3
1/19/01	5:15:40	44.65	481.5	13.73	4.278	8.15	4.8
1/19/01	5:30:40	44.64	481.4	13.65	4.278	8.15	5.4
1/19/01	5:45:40	44.64	481.3	13.62	4.273	8.15	5
1/19/01	6:00:40	44.64	481.4	13.6	4.274	8.15	4.3
1/19/01	6:15:40	44.64	481.4	13.53	4.266	8.15	5.8
1/19/01	6:30:40	44.63	481.5	13.5	4.261	8.15	5.3
1/19/01	6:45:40	44.63	481.5	13.44	4.253	8.15	4.6
1/19/01	7:00:40	44.63	481.5	13.43	4.244	8.14	5.7
1/19/01	7:15:40	44.61	481.7	13.38	4.236	8.14	4.9
1/19/01	7:30:40	44.6	481.9	13.32	4.23	8.14	5
1/19/01	7:45:40	44.6	481.6	13.27	4.24	8.15	4.5
1/19/01	8:00:40	44.57	481.8	13.26	4.254	8.15	6.1
1/19/01	8:15:40	44.57	481.8	13.17	4.244	8.13	5.1
1/19/01	8:30:40	44.57	481.8	13.22	4.243	8.13	5.3
1/19/01	8:45:40	44.57	481.8	13.28	4.255	8.14	4.7
1/19/01	9:00:40	44.56	482	13.3	4.268	8.13	5
1/19/01	9:15:40	44.56	482	13.22	4.274	8.13	5.3
1/19/01	9:30:40	44.56	482	13.28	4.27	8.13	5.1
1/19/01	9:45:40	44.56	482	13.08	4.271	8.13	5.3
1/19/01	10:00:40	44.57	482.2	12.78	4.271	8.12	5.9
1/19/01	10:15:40	44.57	482.3	12.77	4.268	8.11	7
1/19/01	10:30:40	44.58	482.5	12.79	4.256	8.11	4.7
1/19/01	10:45:40	44.57	482.9	12.75	4.245	8.1	4.3
1/19/01	11:00:40	44.58	482.1	12.72	2.11	8.1	181
1/19/01	11:15:40	46.81	482.9	13.55	1.217	8.2	45.7
1/19/01	11:30:40	47.69	485.1	12.84	1.237	8.2	33.4
1/19/01	11:45:40	48.73	485.6	12.59	1.231	8.2	28.4
1/19/01	12:00:40	49.56	483.6	12.5	1.206	8.19	26
1/19/01	12:15:40	51.03	486	12.35	1.136	8.19	22.1
1/19/01	12:30:40	52.2	487.5	12.25	1.179	8.19	21.6
1/19/01	12:45:40	52.96	488.4	12.19	1.158	8.18	17.2
1/19/01	13:00:40	53.68	488.6	12.13	1.149	8.17	19.8
1/19/01	13:15:40	54.36	488.7	12.07	1.156	8.16	20.1
1/19/01	13:30:40	55.02	488.8	11.98	1.158	8.15	19.2
1/19/01	13:45:40	55.65	488.9	11.92	1.143	8.14	18.4
1/19/01	14:00:40	56.24	489	11.86	1.14	8.14	16.1
1/19/01	14:15:40	66.51	3.1	10.05	1.121	8.05	1.5

1/19/01	14:30:40	60.98	1.9	11.03	1.159	7.7	1.5
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