

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	244	15	5.046	56.59	18.12	18.2	18.11	0.077	-0.007	0
15	2003	244	30	4.797	57.33	18.03	18.12	18.05	0.086	0.016	0
15	2003	244	45	4.408	60.99	17.93	18.04	18.01	0.111	0.086	0
15	2003	244	100	4.061	66.07	17.75	17.88	17.9	0.132	0.155	0
15	2003	244	115	4.009	63.17	17.73	17.8	17.81	0.072	0.08	0
15	2003	244	130	3.633	61.24	17.86	17.88	17.82	0.018	-0.04	0
15	2003	244	145	3.463	65.21	17.55	17.67	17.7	0.121	0.155	0
15	2003	244	200	3.368	67.57	17.36	17.47	17.54	0.109	0.182	0
15	2003	244	215	2.853	55.87	17.05	17.22	17.35	0.17	0.301	0
15	2003	244	230	3.198	48.47	17.28	17.38	17.43	0.103	0.148	0
15	2003	244	245	3.297	48.38	17.62	17.6	17.49	-0.023	-0.136	0
15	2003	244	300	3.273	38.79	17.4	17.4	17.32	-0.007	-0.08	0
15	2003	244	315	2.771	36.67	16.77	16.87	17.25	0.097	0.479	0
15	2003	244	330	2.619	40.9	16.04	16.25	17.48	0.207	1.444	0
15	2003	244	345	2.257	27.36	15.34	15.69	17.49	0.35	2.145	0
15	2003	244	400	2.512	11.94	14.61	15.22	17.03	0.618	2.424	0
15	2003	244	415	2.497	9.74	14.21	14.65	16.29	0.438	2.086	0
15	2003	244	430	2.562	16.65	13.72	14.15	16.45	0.425	2.734	0
15	2003	244	445	2.369	24.77	13.11	13.97	16.12	0.866	3.015	0
15	2003	244	500	2.706	30.5	12.95	14.25	15.72	1.301	2.778	0
15	2003	244	515	2.694	31.82	12.67	13.86	15.59	1.188	2.923	0
15	2003	244	530	2.812	31.23	12.88	13.51	15.23	0.629	2.349	0
15	2003	244	545	2.94	39.27	13.87	14.27	16.02	0.399	2.156	0
15	2003	244	600	2.15	45.59	14.53	14.83	16.09	0.294	1.553	0
15	2003	244	615	2.576	38.7	15.05	15.1	16.19	0.053	1.137	0
15	2003	244	630	3.453	26.27	16.25	16.19	16.52	-0.058	0.273	0
15	2003	244	645	3.333	26.49	16.5	16.46	16.66	-0.038	0.165	0
15	2003	244	700	3.571	23.05	17.52	17.4	17.3	-0.121	-0.226	0
15	2003	244	715	3.956	17.94	18.32	18.16	17.69	-0.154	-0.622	0
15	2003	244	730	5.405	10.94	18.57	18.37	17.8	-0.203	-0.773	0
15	2003	244	745	5.006	18.91	18.72	18.46	17.92	-0.255	-0.795	0
15	2003	244	800	4.763	13.52	18.9	18.63	18.05	-0.273	-0.854	0
15	2003	244	815	5.059	12.1	19.11	18.81	18.19	-0.302	-0.915	0
15	2003	244	830	5.216	27.98	19.36	18.89	18.2	-0.47	-1.163	0
15	2003	244	845	5.652	27.27	19.69	19.11	18.33	-0.574	-1.36	0
15	2003	244	900	5.558	31.66	20.01	19.37	18.55	-0.65	-1.467	0

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15	2003	244	915	5.217	24.44	20.28	19.56	18.74	-0.72	-1.534	0
15	2003	244	930	3.929	35.69	20.42	19.84	18.93	-0.575	-1.49	0
15	2003	244	945	4.774	32.57	20.54	19.88	19.1	-0.661	-1.437	0
15	2003	244	1000	4.571	29.28	21.16	20.37	19.47	-0.79	-1.691	0
15	2003	244	1015	4.66	55.12	21.77	20.61	19.63	-1.158	-2.14	0
15	2003	244	1030	4.47	32.82	22.09	21.07	20.03	-1.026	-2.062	0
15	2003	244	1045	3.809	37.85	22.74	21.59	20.61	-1.147	-2.133	0
15	2003	244	1100	3.582	40.75	22.95	21.93	21.06	-1.021	-1.893	0
15	2003	244	1115	3.189	17.22	23.43	22.37	21.54	-1.063	-1.896	0
15	2003	244	1130	4.599	27.56	24.13	22.9	21.85	-1.228	-2.278	0
15	2003	244	1145	3.202	15.23	23.96	22.91	22.12	-1.048	-1.834	0
15	2003	244	1200	3.708	31	24.95	23.76	22.7	-1.189	-2.254	0
15	2003	244	1215	2.743	14.39	25	23.87	22.96	-1.134	-2.045	0
15	2003	244	1230	3.682	62.54	25.81	24.72	23.76	-1.095	-2.049	0
15	2003	244	1245	3.394	51.9	25.84	24.82	23.93	-1.019	-1.909	0
15	2003	244	1300	3.271	65.46	26.55	25.46	24.43	-1.092	-2.129	0
15	2003	244	1315	3.483	52.74	26.99	25.88	24.83	-1.119	-2.168	0
15	2003	244	1330	1.863	60.96	26.8	25.92	25.08	-0.884	-1.726	0
15	2003	244	1345	2.364	36.1	27.13	26.17	25.28	-0.952	-1.846	0
15	2003	244	1400	2.366	101.5	27.86	27.09	26.06	-0.778	-1.804	0
15	2003	244	1415	2.791	25.22	27.84	26.83	25.84	-1.012	-1.999	0
15	2003	244	1430	1.834	83.3	27.93	27.08	26.23	-0.851	-1.696	0
15	2003	244	1445	2.969	57.76	28.38	27.44	26.57	-0.936	-1.805	0
15	2003	244	1500	1.868	119.1	28.32	27.53	26.88	-0.785	-1.434	0
15	2003	244	1515	1.721	116.3	28.76	28.04	27.17	-0.723	-1.593	0
15	2003	244	1530	2.325	122.3	28.82	27.93	27.06	-0.895	-1.763	0
15	2003	244	1545	1.864	114	28.93	28.18	27.46	-0.754	-1.475	0
15	2003	244	1600	1.849	136.4	28.89	28.29	27.53	-0.605	-1.364	0
15	2003	244	1615	2.726	45.91	28.87	28.06	27.28	-0.812	-1.595	0
15	2003	244	1630	3.007	147.3	28.91	28.24	27.44	-0.669	-1.471	0
15	2003	244	1645	2.533	73.4	28.76	28.2	27.55	-0.563	-1.21	0
15	2003	244	1700	3.052	104.4	28.58	28.03	27.39	-0.555	-1.195	0
15	2003	244	1715	3.671	110.4	28.46	27.9	27.26	-0.556	-1.203	0
15	2003	244	1730	3.808	120.7	28.24	27.79	27.14	-0.448	-1.106	0
15	2003	244	1745	3.747	132.3	27.87	27.56	26.96	-0.304	-0.912	0
15	2003	244	1800	3.949	117.7	27.47	27.3	26.78	-0.177	-0.696	0

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15	2003	244	1815	4.323	128.7	26.98	26.96	26.54	-0.022	-0.441	0
15	2003	244	1830	3.852	119.6	26.47	26.58	26.29	0.107	-0.187	0
15	2003	244	1845	3.182	117.6	26	26.22	26.09	0.212	0.082	0
15	2003	244	1900	3.289	108.9	25.46	25.75	25.81	0.286	0.347	0
15	2003	244	1915	3.494	106.7	25.02	25.29	25.53	0.265	0.509	0
15	2003	244	1930	3.804	104.3	24.63	24.85	25.07	0.214	0.439	0
15	2003	244	1945	3.555	110.4	24.22	24.46	24.69	0.24	0.469	0
15	2003	244	2000	3.153	120.7	23.71	23.98	24.26	0.272	0.547	0
15	2003	244	2015	3.148	115.5	23.09	23.44	23.65	0.354	0.567	0
15	2003	244	2030	3.621	108.4	23.02	23.26	23.39	0.239	0.369	0
15	2003	244	2045	3.964	106.7	22.7	22.91	22.96	0.208	0.254	0
15	2003	244	2100	4.14	110.1	22.49	22.67	22.66	0.18	0.169	0
15	2003	244	2115	3.655	120.9	22.11	22.31	22.41	0.205	0.302	0
15	2003	244	2130	3.42	116.4	21.76	22.03	22.32	0.273	0.57	0
15	2003	244	2145	3.568	128.2	21.67	21.92	22.1	0.244	0.427	0
15	2003	244	2200	2.491	129.3	20.93	21.32	21.59	0.39	0.655	0
15	2003	244	2215	2.178	127.5	20.31	20.86	21.52	0.545	1.205	0
15	2003	244	2230	2.312	116.4	19.81	20.43	21.23	0.624	1.425	0
15	2003	244	2245	2.692	110.6	19.5	20.15	21.02	0.649	1.516	0
15	2003	244	2300	2.633	100.4	19.17	19.71	20.77	0.546	1.602	0
15	2003	244	2315	2.026	96.5	18.77	19.45	20.6	0.69	1.831	0
15	2003	244	2330	2.308	94.5	18.27	19.25	20.56	0.987	2.295	0
15	2003	244	2345	2.585	100	17.88	19.22	20.46	1.342	2.578	0
15	2003	244	2400	2.871	108.4	17.83	19.21	20.33	1.377	2.495	0
24	2003	244	2400	1027	10.19	1536	13.28	514	29.17	1510	-1.938
15	2003	245	15	2.427	108.1	17.64	18.7	20.21	1.058	2.565	0
15	2003	245	30	2.026	113.8	17.67	18.56	20.15	0.889	2.484	0
15	2003	245	45	2.238	114.7	17.48	18.53	20.1	1.056	2.623	0
15	2003	245	100	2.228	127	17.35	18.46	20.07	1.108	2.719	0
15	2003	245	115	2.282	127.2	17.27	18.4	19.98	1.129	2.707	0
15	2003	245	130	2.15	131.4	16.99	18.23	20.06	1.247	3.077	0
15	2003	245	145	2.153	127.1	16.48	18.07	20.04	1.586	3.558	0
15	2003	245	200	2.127	115.8	16.1	17.99	19.97	1.888	3.87	0
15	2003	245	215	2.121	123.4	16.31	17.98	19.94	1.678	3.632	0
15	2003	245	230	2.627	115.7	16.26	17.75	19.94	1.494	3.682	0
15	2003	245	245	2.451	124	16.39	17.74	19.48	1.347	3.086	0

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15	2003	245	300	2.508	115.8	16.46	17.58	19.11	1.119	2.647	0
15	2003	245	315	2.845	116.2	16.34	17.45	18.9	1.104	2.558	0
15	2003	245	330	2.857	110.6	16.61	17.37	18.73	0.76	2.126	0
15	2003	245	345	2.808	105	16.5	17.18	18.68	0.683	2.187	0
15	2003	245	400	3.084	107.5	16.62	17.08	18.75	0.465	2.137	0
15	2003	245	415	3.078	110.4	16.75	17.14	18.68	0.392	1.927	0
15	2003	245	430	3.091	106	16.61	17.01	18.46	0.399	1.849	0
15	2003	245	445	3.137	107.8	16.49	16.88	18.48	0.398	1.997	0
15	2003	245	500	2.949	105.7	16.4	16.77	18.31	0.371	1.91	0
15	2003	245	515	2.628	98.6	16.07	16.48	18.34	0.414	2.266	0
15	2003	245	530	2.581	95.2	16.02	16.45	18.31	0.432	2.287	0
15	2003	245	545	3.012	91.2	16.04	16.45	18.31	0.409	2.265	0
15	2003	245	600	2.9	86.8	16.12	16.37	18.19	0.249	2.065	0
15	2003	245	615	2.661	92.6	16.76	16.8	18.11	0.042	1.357	0
15	2003	245	630	2.664	93.8	17.64	17.48	17.62	-0.153	-0.021	0
15	2003	245	645	2.419	103.9	18.45	18.13	17.61	-0.322	-0.834	0
15	2003	245	700	2.787	108.7	19.07	18.61	18.04	-0.462	-1.03	0
15	2003	245	715	2.719	112.8	19.69	19.14	18.54	-0.543	-1.142	0
15	2003	245	730	2.612	110.4	20.16	19.61	19.02	-0.55	-1.14	0
15	2003	245	745	2.131	123.4	20.43	19.9	19.3	-0.53	-1.131	0
15	2003	245	800	1.577	131.3	20.7	20.25	19.8	-0.448	-0.894	0
15	2003	245	815	1.357	168.3	21.19	20.68	20.15	-0.512	-1.044	0
15	2003	245	830	1.498	254.2	21.93	21.09	20.49	-0.84	-1.434	0
15	2003	245	845	1.673	233.7	22.53	21.55	20.94	-0.978	-1.592	0
15	2003	245	900	1.519	179.3	22.35	21.76	21.17	-0.592	-1.186	0
15	2003	245	915	1.874	228.7	23.04	22.22	21.53	-0.819	-1.51	0
15	2003	245	930	1.544	190.8	23.39	22.66	22.02	-0.734	-1.373	0
15	2003	245	945	1.491	180.1	23.69	22.87	22.25	-0.817	-1.436	0
15	2003	245	1000	2.299	158	23.98	23.13	22.39	-0.847	-1.585	0
15	2003	245	1015	1.86	197.8	24.31	23.49	22.77	-0.822	-1.547	0
15	2003	245	1030	2.519	160.9	25.48	24.33	23.39	-1.147	-2.087	0
15	2003	245	1045	2.258	101.8	25.44	24.34	23.53	-1.105	-1.909	0
15	2003	245	1100	2.158	108.3	25.73	24.78	24.12	-0.953	-1.615	0
15	2003	245	1115	2.038	150.2	26.2	25.36	24.55	-0.837	-1.653	0
15	2003	245	1130	2.445	166.2	27.06	25.93	24.84	-1.124	-2.213	0
15	2003	245	1145	2.843	145.2	26.78	25.64	24.9	-1.136	-1.879	0

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15	2003	245	1200	3.395	186.9	27	25.79	24.84	-1.201	-2.155	0
15	2003	245	1215	2.976	150	27.09	26.07	25.21	-1.015	-1.874	0
15	2003	245	1230	3.383	149.5	27.25	26.16	25.29	-1.089	-1.959	0
15	2003	245	1245	3.074	168.2	27.68	26.59	25.56	-1.096	-2.119	0
15	2003	245	1300	3.319	164.4	28.18	26.89	25.99	-1.29	-2.195	0
15	2003	245	1315	2.596	176.7	28.2	27.19	26.19	-1.003	-2.004	0
15	2003	245	1330	3.155	172	28.3	27.25	26.42	-1.051	-1.887	0
15	2003	245	1345	2.308	108.9	28.12	27.32	26.52	-0.799	-1.6	0
15	2003	245	1400	2.671	65.36	28.1	27.19	26.34	-0.914	-1.766	0
15	2003	245	1415	1.551	233	28.56	27.64	26.77	-0.916	-1.786	0
15	2003	245	1430	2.393	290	28.97	27.89	27.16	-1.08	-1.811	0
15	2003	245	1445	2.243	145.6	29.08	28.19	27.38	-0.894	-1.7	0
15	2003	245	1500	1.932	90.5	28.47	27.82	27.1	-0.649	-1.374	0
15	2003	245	1515	1.124	103.4	28.57	27.99	27.34	-0.583	-1.226	0
15	2003	245	1530	2.601	110.2	29.47	28.75	27.97	-0.717	-1.494	0
15	2003	245	1545	2.704	140.3	29.34	28.5	27.72	-0.845	-1.621	0
15	2003	245	1600	2.839	113.2	29.34	28.73	28.01	-0.613	-1.324	0
15	2003	245	1615	1.221	96.4	28.85	28.33	27.72	-0.518	-1.131	0
15	2003	245	1630	1.151	171.4	28.99	28.72	28.13	-0.267	-0.86	0
15	2003	245	1645	1.921	168.7	29.42	28.93	28.31	-0.489	-1.116	0
15	2003	245	1700	2.806	154.3	29.43	28.8	28.15	-0.628	-1.275	0
15	2003	245	1715	2.651	132.4	28.97	28.62	28.08	-0.355	-0.895	0
15	2003	245	1730	3.784	121.7	28.5	28.3	27.78	-0.205	-0.728	0
15	2003	245	1745	2.818	136.3	28.13	28.09	27.67	-0.044	-0.469	0
15	2003	245	1800	2.373	130.1	28.1	28.08	27.69	-0.021	-0.419	0
15	2003	245	1815	2.115	128.1	27.52	27.86	27.6	0.335	0.074	0
15	2003	245	1830	2.407	140.9	26.84	27.35	27.34	0.508	0.503	0
15	2003	245	1845	2.522	140.6	26.13	26.94	27.18	0.81	1.049	0
15	2003	245	1900	2.8	139.4	25.88	26.49	26.93	0.607	1.051	0
15	2003	245	1915	2.891	135.9	25.29	26.06	26.68	0.766	1.384	0
15	2003	245	1930	3.033	134.5	24.58	25.45	26.24	0.866	1.658	0
15	2003	245	1945	2.748	127.7	24.08	24.91	26.04	0.827	1.953	0
15	2003	245	2000	3.008	127.4	23.42	24.83	25.63	1.411	2.214	0
15	2003	245	2015	3.062	135.8	22.95	24.1	25.23	1.15	2.28	0
15	2003	245	2030	2.786	126.9	22.83	23.88	25.01	1.046	2.184	0
15	2003	245	2045	2.624	116.6	22.22	23.53	24.57	1.307	2.346	0

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15	2003	245	2100	2.753	113.9	21.85	23.14	24.33	1.291	2.477	0
15	2003	245	2115	2.733	129.5	21.82	22.96	24.13	1.145	2.309	0
15	2003	245	2130	2.569	134	21.88	22.7	23.78	0.827	1.908	0
15	2003	245	2145	2.587	128.4	21.64	22.32	23.46	0.683	1.823	0
15	2003	245	2200	2.677	129.2	21.48	22.29	23.18	0.808	1.698	0
15	2003	245	2215	2.612	122.3	21.5	22.09	23.09	0.585	1.585	0
15	2003	245	2230	2.827	121.4	21.25	21.92	22.97	0.667	1.719	0
15	2003	245	2245	3.017	128.6	21.38	21.94	22.96	0.552	1.573	0
15	2003	245	2300	3.084	132.8	21.25	21.73	22.92	0.482	1.67	0
15	2003	245	2315	2.985	135.9	20.93	21.45	22.68	0.517	1.753	0
15	2003	245	2330	2.77	140.1	20.52	21.24	22.52	0.718	2.002	0
15	2003	245	2345	2.866	147.3	20.31	21.23	22.47	0.923	2.165	0
15	2003	245	2400	2.766	143.3	20	21.02	22.27	1.017	2.271	0
24	2003	245	2400	1257	7.93	1533	16.25	549	29.57	1626	-2.085
15	2003	246	15	2.908	132.3	19.85	20.78	22.28	0.922	2.422	0
15	2003	246	30	2.861	136.4	19.66	20.71	22.24	1.052	2.579	0
15	2003	246	45	2.831	135.1	19.54	20.66	22.01	1.116	2.467	0
15	2003	246	100	2.84	129.9	19.42	20.31	21.84	0.884	2.422	0
15	2003	246	115	2.878	122.3	19.23	19.96	21.61	0.729	2.386	0
15	2003	246	130	2.892	116	19.1	19.72	21.6	0.624	2.503	0
15	2003	246	145	2.948	115.8	18.75	19.54	21.79	0.791	3.041	0
15	2003	246	200	3.266	113.8	18.71	19.34	21.75	0.631	3.046	0
15	2003	246	215	2.949	114.9	18.65	19.27	21.7	0.627	3.053	0
15	2003	246	230	3.039	121	18.63	19.33	21.7	0.709	3.078	0
15	2003	246	245	3.269	117.4	18.61	19.24	21.74	0.627	3.134	0
15	2003	246	300	3.515	116.3	18.49	19.03	21.62	0.545	3.135	0
15	2003	246	315	3.802	116.4	18.26	18.69	21.31	0.424	3.042	0
15	2003	246	330	4.223	116	18.03	18.36	20.56	0.33	2.525	0
15	2003	246	345	3.869	112.3	17.79	18.09	20.22	0.304	2.425	0
15	2003	246	400	3.361	110	17.77	18.14	19.89	0.368	2.117	0
15	2003	246	415	2.942	117.7	17.63	18.06	19.65	0.428	2.023	0
15	2003	246	430	3.064	114.6	17.64	18.03	19.73	0.387	2.094	0
15	2003	246	445	3.551	123.5	17.75	18.13	19.52	0.38	1.768	0
15	2003	246	500	2.92	125.1	17.53	17.9	19.34	0.371	1.817	0
15	2003	246	515	2.762	127.1	17.39	17.77	19.03	0.385	1.638	0
15	2003	246	530	2.971	116.5	17.31	17.66	18.89	0.352	1.58	0

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15	2003	246	545	3.018	110.6	17.37	17.65	18.77	0.272	1.397	0
15	2003	246	600	2.628	104.6	17.62	17.77	18.57	0.146	0.955	0
15	2003	246	615	3.005	112.6	17.7	17.8	18.54	0.094	0.833	0
15	2003	246	630	3.363	111.5	18.03	18.02	18.84	-0.004	0.808	0
15	2003	246	645	3.127	115.5	19.08	18.82	19.08	-0.256	0.001	0
15	2003	246	700	3.063	125.3	20.6	20.09	19.83	-0.512	-0.771	0
15	2003	246	715	3.204	127.7	21.51	20.91	20.26	-0.599	-1.248	0
15	2003	246	730	2.822	132.4	21.6	21.25	20.66	-0.358	-0.946	0
15	2003	246	745	2.481	145.1	22.79	22.22	21.57	-0.571	-1.222	0
15	2003	246	800	2.597	154.5	23.37	22.77	22.1	-0.595	-1.264	0
15	2003	246	815	3.125	161	23.63	23.01	22.33	-0.626	-1.307	0
15	2003	246	830	2.902	173.4	23.72	23.17	22.52	-0.546	-1.198	0
15	2003	246	845	2.52	165.3	24.43	23.65	22.88	-0.778	-1.553	0
15	2003	246	900	2.368	163	25.23	24.28	23.31	-0.947	-1.921	0
15	2003	246	915	3.067	177.8	25.4	24.56	23.69	-0.846	-1.719	0
15	2003	246	930	2.393	164.8	25.77	24.97	24.09	-0.802	-1.684	0
15	2003	246	945	3.014	175.2	26.19	25.22	24.4	-0.977	-1.798	0
15	2003	246	1000	2.676	166.8	26.61	25.55	24.64	-1.062	-1.974	0
15	2003	246	1015	2.509	144.7	26.84	25.74	24.94	-1.097	-1.897	0
15	2003	246	1030	2.172	195.9	27.47	26.28	25.41	-1.189	-2.061	0
15	2003	246	1045	1.567	101.3	27.58	26.72	25.7	-0.859	-1.884	0
15	2003	246	1100	2.158	133	27.62	26.71	26.01	-0.917	-1.617	0
15	2003	246	1115	2.126	111.3	27.39	26.7	25.89	-0.689	-1.507	0
15	2003	246	1130	1.415	143.6	27.85	26.97	26.27	-0.882	-1.585	0
15	2003	246	1145	2.267	110.8	28.12	27.32	26.56	-0.8	-1.553	0
15	2003	246	1200	1.913	232.9	28.3	27.59	26.84	-0.715	-1.465	0
15	2003	246	1215	2.547	153	28.94	27.87	27.02	-1.063	-1.914	0
15	2003	246	1230	2.631	251.2	29.48	28.14	27.15	-1.342	-2.325	0
15	2003	246	1245	2.375	54.51	28.71	28.08	27.19	-0.627	-1.516	0
15	2003	246	1300	1.746	114.1	28.84	28.13	27.45	-0.712	-1.389	0
15	2003	246	1315	2.84	111.9	29.55	28.58	27.6	-0.967	-1.954	0
15	2003	246	1330	2.323	130.8	29.2	28.47	27.65	-0.733	-1.55	0
15	2003	246	1345	1.691	53.44	29.68	28.78	27.94	-0.902	-1.749	0
15	2003	246	1400	2.236	104	29.48	28.7	28.01	-0.786	-1.468	0
15	2003	246	1415	2.479	39.92	29.84	28.91	28.11	-0.936	-1.729	0
15	2003	246	1430	2.607	353.7	29.33	28.76	28.05	-0.566	-1.277	0

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15	2003	246	1445	3.564	34.88	30.04	29.05	28.13	-0.993	-1.912	0
15	2003	246	1500	2.118	325.1	30.43	29.56	28.68	-0.872	-1.747	0
15	2003	246	1515	3.844	51.57	30.38	29.45	28.6	-0.932	-1.777	0
15	2003	246	1530	2.566	131.6	30.65	29.86	28.92	-0.792	-1.732	0
15	2003	246	1545	2.69	87.7	30.97	30.24	29.41	-0.728	-1.561	0
15	2003	246	1600	3.77	59.19	30.66	29.85	28.96	-0.816	-1.707	0
15	2003	246	1615	2.365	130	30.63	29.93	29.12	-0.692	-1.509	0
15	2003	246	1630	2.856	102.9	30.41	29.82	29.13	-0.586	-1.279	0
15	2003	246	1645	2.783	52.69	30.35	29.8	29.05	-0.545	-1.296	0
15	2003	246	1700	3.098	79.5	30.4	29.86	29.09	-0.541	-1.305	0
15	2003	246	1715	4.328	102.9	30.12	29.55	28.81	-0.565	-1.306	0
15	2003	246	1730	5.155	118.7	29.67	29.25	28.56	-0.422	-1.107	0
15	2003	246	1745	4.931	103	29.02	28.84	28.27	-0.171	-0.749	0
15	2003	246	1800	5.165	105.2	28.59	28.51	28.01	-0.084	-0.585	0
15	2003	246	1815	4.447	112.8	28.07	28.14	27.81	0.074	-0.256	0
15	2003	246	1830	3.823	107	27.64	27.83	27.65	0.191	0.01	0
15	2003	246	1845	3.111	103.4	26.97	27.31	27.4	0.339	0.425	0
15	2003	246	1900	3.27	99.5	26.5	26.86	27.16	0.359	0.659	0
15	2003	246	1915	3.674	96.2	26.08	26.36	26.9	0.283	0.817	0
15	2003	246	1930	4.071	93.7	25.71	25.96	26.46	0.247	0.753	0
15	2003	246	1945	4.375	95.4	25.53	25.78	26.33	0.249	0.798	0
15	2003	246	2000	4.718	95.6	25.4	25.6	26.03	0.209	0.633	0
15	2003	246	2015	4.778	95.4	25.02	25.23	25.6	0.217	0.588	0
15	2003	246	2030	4.668	106.2	24.6	24.78	24.93	0.179	0.33	0
15	2003	246	2045	3.702	108	23.94	24.21	24.63	0.275	0.689	0
15	2003	246	2100	3.579	106.8	23.55	23.83	24.37	0.284	0.827	0
15	2003	246	2115	3.41	108	23.24	23.5	23.91	0.266	0.678	0
15	2003	246	2130	3.1	104.2	22.77	23.04	23.53	0.263	0.752	0
15	2003	246	2145	2.812	110.6	22.5	22.79	23.15	0.283	0.646	0
15	2003	246	2200	2.77	112.5	21.93	22.31	22.83	0.386	0.905	0
15	2003	246	2215	2.787	112.6	21.49	21.89	22.81	0.403	1.323	0
15	2003	246	2230	2.686	102.9	21.09	21.61	22.81	0.528	1.727	0
15	2003	246	2245	3.068	88.5	21.1	21.52	22.81	0.422	1.711	0
15	2003	246	2300	3.078	87	20.91	21.25	22.7	0.342	1.784	0
15	2003	246	2315	3.29	85.4	20.68	21.08	22.62	0.402	1.935	0
15	2003	246	2330	3.115	95.9	20.75	21.26	22.57	0.503	1.813	0



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15	2003	246	2345	2.812	106.9	20.58	21.19	22.68	0.604	2.096	0
15	2003	246	2400	3.207	102.5	20.66	21.12	22.82	0.467	2.16	0
24	2003	246	2400	1732	10.17	1451	17.55	527	31.01	1539	-2.207
15	2003	247	15	3.398	103.7	20.57	21.02	22.75	0.452	2.179	0
15	2003	247	30	3.317	94.5	20.37	20.73	22.25	0.366	1.882	0
15	2003	247	45	3.44	82	19.86	20.19	21.86	0.331	2.004	0
15	2003	247	100	3.247	84.9	19.92	20.31	21.9	0.386	1.975	0
15	2003	247	115	3.237	88	19.6	20.07	21.86	0.463	2.261	0
15	2003	247	130	3.114	85.1	19.41	19.9	21.9	0.491	2.489	0
15	2003	247	145	3.104	88.1	19.16	19.69	22.15	0.532	2.99	0
15	2003	247	200	3.423	87.7	19.36	19.76	21.98	0.401	2.618	0
15	2003	247	215	3.272	81.9	19.25	19.61	21.39	0.367	2.145	0
15	2003	247	230	3.511	77.9	19.03	19.39	21.26	0.362	2.231	0
15	2003	247	245	3.581	85.6	18.93	19.25	21.32	0.315	2.391	0
15	2003	247	300	3.799	87.5	18.87	19.16	21.19	0.292	2.316	0
15	2003	247	315	3.79	85.9	18.73	19.01	21.19	0.28	2.463	0
15	2003	247	330	3.584	89.3	18.68	18.97	20.91	0.288	2.224	0
15	2003	247	345	3.683	90.2	18.71	19.02	20.97	0.308	2.258	0
15	2003	247	400	3.53	87.9	18.54	18.88	21.13	0.344	2.593	0
15	2003	247	415	3.596	93.7	18.46	18.84	20.8	0.381	2.337	0
15	2003	247	430	3.756	92.5	18.44	18.85	20.65	0.406	2.208	0
15	2003	247	445	3.692	89.8	18.27	18.62	20.64	0.348	2.369	0
15	2003	247	500	3.592	90.5	18.16	18.54	20.63	0.383	2.478	0
15	2003	247	515	3.266	85.5	18.02	18.38	20.85	0.364	2.824	0
15	2003	247	530	3.098	88	17.86	18.31	20.93	0.456	3.072	0
15	2003	247	545	3.491	87.6	18.17	18.53	20.96	0.367	2.795	0
15	2003	247	600	3.72	90.3	18.47	18.73	20.67	0.265	2.206	0
15	2003	247	615	3.288	86.8	18.68	18.84	20.61	0.163	1.937	0
15	2003	247	630	3.216	89.8	19.54	19.47	19.81	-0.076	0.266	0
15	2003	247	645	3.214	93.7	20.34	20.12	19.63	-0.225	-0.713	0
15	2003	247	700	3.845	92.9	20.89	20.54	20.01	-0.351	-0.878	0
15	2003	247	715	3.663	97.3	21.46	20.98	20.37	-0.479	-1.089	0
15	2003	247	730	3.191	97.6	21.6	21.24	20.61	-0.363	-0.993	0
15	2003	247	745	3.336	95.2	22.02	21.58	20.95	-0.438	-1.071	0
15	2003	247	800	2.734	87.2	23.13	22.52	21.79	-0.61	-1.341	0
15	2003	247	815	1.936	91.5	23.45	22.98	22.3	-0.469	-1.155	0

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15	2003	247	830	1.823	106.7	24.16	23.5	22.88	-0.653	-1.282	0
15	2003	247	845	2.762	79	25.07	24.19	23.29	-0.881	-1.776	0
15	2003	247	900	2.93	83	25.05	24.18	23.34	-0.875	-1.711	0
15	2003	247	915	2.76	78.2	25.06	24.24	23.34	-0.817	-1.72	0
15	2003	247	930	3.224	61.73	25.02	24.2	23.36	-0.824	-1.657	0
15	2003	247	945	2.517	54.46	24.97	24.24	23.45	-0.729	-1.527	0
15	2003	247	1000	2.748	25.05	25.37	24.56	23.74	-0.812	-1.625	0
15	2003	247	1015	2.276	34.07	25.43	24.73	23.98	-0.71	-1.453	0
15	2003	247	1030	2.139	20.79	25.84	24.98	24.24	-0.865	-1.597	0
15	2003	247	1045	3.097	62.11	26.57	25.71	24.82	-0.859	-1.755	0
15	2003	247	1100	3.29	60.33	26.93	25.83	24.84	-1.107	-2.097	0
15	2003	247	1115	3.193	96.1	26.96	25.98	25.09	-0.978	-1.864	0
15	2003	247	1130	2.939	52.9	26.85	26.12	25.23	-0.733	-1.624	0
15	2003	247	1145	3.329	39.18	27.07	26.12	25.33	-0.951	-1.744	0
15	2003	247	1200	2.346	49.58	27.38	26.35	25.51	-1.025	-1.872	0
15	2003	247	1215	3.127	16.43	27.3	26.62	25.9	-0.689	-1.4	0
15	2003	247	1230	3.901	39.99	27.81	26.99	26.06	-0.815	-1.741	0
15	2003	247	1245	2.54	12.17	27.75	26.91	26.07	-0.839	-1.683	0
15	2003	247	1300	3.07	18.41	28.22	27.22	26.43	-1.003	-1.795	0
15	2003	247	1315	3.116	0.941	28.74	27.63	26.69	-1.109	-2.049	0
15	2003	247	1330	2.183	38.28	28.69	27.83	27.03	-0.858	-1.658	0
15	2003	247	1345	2.628	123.4	29.25	28.19	27.22	-1.063	-2.033	0
15	2003	247	1400	2.58	104.1	29.61	28.56	27.7	-1.045	-1.907	0
15	2003	247	1415	3.742	24.36	29.46	28.44	27.54	-1.025	-1.925	0
15	2003	247	1430	2.223	38.99	29.5	28.58	27.75	-0.915	-1.745	0
15	2003	247	1445	3.349	125.8	29.8	28.83	28.03	-0.97	-1.769	0
15	2003	247	1500	3.157	46.41	29.65	28.85	27.88	-0.805	-1.775	0
15	2003	247	1515	2.59	21.69	29.71	28.93	28.1	-0.78	-1.611	0
15	2003	247	1530	3.073	57.35	29.26	28.67	28.04	-0.596	-1.229	0
15	2003	247	1545	1.785	73	29.46	28.92	28.27	-0.543	-1.188	0
15	2003	247	1600	4.396	67.37	30.48	29.66	28.65	-0.819	-1.822	0
15	2003	247	1615	3.072	49.39	29.75	29.17	28.44	-0.572	-1.302	0
15	2003	247	1630	2.008	25.24	29.28	28.96	28.32	-0.323	-0.963	0
15	2003	247	1645	4.106	66.56	29.58	29.09	28.38	-0.488	-1.2	0
15	2003	247	1700	3.85	65.75	29.46	29.03	28.35	-0.435	-1.118	0
15	2003	247	1715	4.333	81.7	29.56	29.16	28.46	-0.402	-1.107	0

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15	2003	247	1730	4.231	74.3	29.1	28.83	28.17	-0.272	-0.926	0
15	2003	247	1745	3.515	78.9	28.73	28.58	28.07	-0.15	-0.659	0
15	2003	247	1800	3.799	92.5	28.35	28.33	27.92	-0.016	-0.43	0
15	2003	247	1815	3.32	92	27.88	28.02	27.76	0.14	-0.126	0
15	2003	247	1830	4.366	91.7	27.55	27.67	27.46	0.118	-0.092	0
15	2003	247	1845	3.665	88.4	27.09	27.28	27.23	0.19	0.137	0
15	2003	247	1900	3.945	83.1	26.65	26.85	26.9	0.2	0.25	0
15	2003	247	1915	3.662	80.2	26.21	26.43	26.66	0.221	0.449	0
15	2003	247	1930	3.488	86.9	25.72	26.03	26.37	0.307	0.651	0
15	2003	247	1945	3.65	93.2	25.37	25.72	26.2	0.343	0.824	0
15	2003	247	2000	4.253	88.8	25.31	25.52	25.77	0.213	0.462	0
15	2003	247	2015	4.516	91.3	25.08	25.25	25.44	0.172	0.36	0
15	2003	247	2030	4.099	88.9	24.67	24.86	25.28	0.195	0.609	0
15	2003	247	2045	4.418	89.2	24.4	24.63	25.15	0.223	0.752	0
15	2003	247	2100	4.447	91.8	24.09	24.29	24.9	0.195	0.804	0
15	2003	247	2115	4.955	96.5	23.74	23.94	24.44	0.207	0.704	0
15	2003	247	2130	4.885	97	23.5	23.69	24.12	0.184	0.611	0
15	2003	247	2145	4.537	95.4	23.16	23.36	23.88	0.198	0.719	0
15	2003	247	2200	3.928	98	22.93	23.15	23.57	0.22	0.639	0
15	2003	247	2215	4.241	98	22.92	23.15	23.52	0.23	0.598	0
15	2003	247	2230	4.24	100.1	22.74	22.98	23.36	0.239	0.624	0
15	2003	247	2245	4.469	100.4	22.45	22.69	23.11	0.241	0.667	0
15	2003	247	2300	4.299	100.5	22.1	22.36	22.91	0.255	0.806	0
15	2003	247	2315	3.717	100.8	21.74	22.04	22.76	0.301	1.019	0
15	2003	247	2330	3.996	100.3	21.56	21.84	22.46	0.287	0.903	0
15	2003	247	2345	4.402	99.8	21.33	21.54	21.86	0.211	0.535	0
15	2003	247	2400	4.774	101.7	21.2	21.35	21.46	0.157	0.261	0
24	2003	247	2400	1033	10.44	1552	18.19	514	30.38	1552	-2.109
15	2003	248	15	4.717	104.8	21.01	21.16	21.35	0.154	0.343	0
15	2003	248	30	4.65	104.3	20.88	21	21.16	0.122	0.283	0
15	2003	248	45	4.551	109.3	20.79	20.91	21.05	0.125	0.26	0
15	2003	248	100	4.35	115	20.58	20.74	20.92	0.158	0.342	0
15	2003	248	115	3.664	115.2	20.22	20.41	20.78	0.193	0.557	0
15	2003	248	130	3.396	122.2	19.92	20.19	20.69	0.273	0.774	0
15	2003	248	145	3.565	117.4	19.89	20.18	20.7	0.286	0.804	0
15	2003	248	200	3.742	116.2	19.88	20.15	20.63	0.272	0.75	0

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15	2003	248	215	3.501	118	19.76	20.04	20.6	0.284	0.836	0
15	2003	248	230	3.349	116.2	19.8	20.05	20.52	0.252	0.725	0
15	2003	248	245	3.08	117.7	19.73	20.02	20.43	0.289	0.703	0
15	2003	248	300	2.171	127	19.34	19.72	20.22	0.381	0.877	0
15	2003	248	315	1.185	110.1	18.96	19.46	20	0.496	1.043	0
15	2003	248	330	1.81	82	18.11	19.28	19.91	1.169	1.792	0
15	2003	248	345	2.154	95.5	17.81	18.72	20.02	0.906	2.211	0
15	2003	248	400	2.977	94.2	18	18.77	20.23	0.779	2.236	0
15	2003	248	415	3.789	100	18.3	18.8	20.46	0.499	2.163	0
15	2003	248	430	3.44	103.9	18.46	18.82	20.42	0.361	1.963	0
15	2003	248	445	3.137	103.5	18.43	18.82	20.33	0.391	1.897	0
15	2003	248	500	2.827	102.2	18.38	18.8	20.22	0.425	1.841	0
15	2003	248	515	2.787	89.3	18.17	18.59	20.21	0.412	2.031	0
15	2003	248	530	2.303	71.7	17.94	18.37	20.24	0.426	2.3	0
15	2003	248	545	2.361	72	17.38	18.13	20.26	0.751	2.887	0
15	2003	248	600	2.811	86.3	18.28	18.66	20.4	0.376	2.122	0
15	2003	248	615	3.154	87	19.03	19.14	20.37	0.112	1.342	0
15	2003	248	630	2.935	84.8	19.68	19.61	19.97	-0.068	0.288	0
15	2003	248	645	2.94	94.9	20.65	20.45	20.3	-0.196	-0.345	0
15	2003	248	700	3.234	100.6	21.54	21.22	20.69	-0.32	-0.854	0
15	2003	248	715	3.304	110.4	22.26	21.77	21.16	-0.487	-1.102	0
15	2003	248	730	3.146	110.4	22.83	22.24	21.57	-0.59	-1.26	0
15	2003	248	745	3.055	121.9	23.34	22.61	21.93	-0.728	-1.404	0
15	2003	248	800	3.172	119.2	23.79	23.05	22.28	-0.734	-1.51	0
15	2003	248	815	2.762	139.5	24.32	23.54	22.77	-0.779	-1.554	0
15	2003	248	830	2.347	148.7	24.89	24.08	23.2	-0.815	-1.692	0
15	2003	248	845	2.067	120.2	25.14	24.44	23.7	-0.704	-1.448	0
15	2003	248	900	2.641	167.9	26.01	24.98	24.15	-1.026	-1.858	0
15	2003	248	915	3.026	133	25.93	24.91	24.12	-1.022	-1.81	0
15	2003	248	930	2.539	123.9	26.26	25.25	24.36	-1.009	-1.904	0
15	2003	248	945	2.421	179	26.81	25.72	24.86	-1.084	-1.95	0
15	2003	248	1000	2.657	189	27.25	26.13	25.22	-1.116	-2.024	0
15	2003	248	1015	2.831	165.7	27.23	26.15	25.28	-1.086	-1.957	0
15	2003	248	1030	2.501	126.1	27.22	26.19	25.37	-1.033	-1.849	0
15	2003	248	1045	2.341	129.5	27.14	26.31	25.61	-0.83	-1.525	0
15	2003	248	1100	3.479	120.5	28.64	27.25	26.19	-1.384	-2.451	0

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15	2003	248	1115	1.804	48.31	27.23	26.65	26	-0.58	-1.226	0
15	2003	248	1130	2.905	178.4	28.92	27.62	26.62	-1.301	-2.292	0
15	2003	248	1145	2.552	160.7	28.93	27.89	26.96	-1.038	-1.973	0
15	2003	248	1200	3.599	129.8	29.25	27.9	27.06	-1.346	-2.193	0
15	2003	248	1215	2.323	158.7	28.69	27.79	27.09	-0.906	-1.604	0
15	2003	248	1230	3.32	92.9	29.02	28.1	27.33	-0.928	-1.695	0
15	2003	248	1245	2.534	156	28.93	28.19	27.42	-0.74	-1.503	0
15	2003	248	1300	2.734	140.1	29.66	28.72	28.03	-0.945	-1.635	0
15	2003	248	1315	2.756	177.1	29.72	28.7	27.88	-1.017	-1.838	0
15	2003	248	1330	3.504	142.6	30.84	29.59	28.58	-1.253	-2.258	0
15	2003	248	1345	3.937	134.5	31	29.82	28.73	-1.181	-2.268	0
15	2003	248	1400	3.189	150	29.8	28.92	28.14	-0.872	-1.661	0
15	2003	248	1415	2.509	95.2	29.5	28.83	28.11	-0.667	-1.394	0
15	2003	248	1430	1.487	94.3	29.72	29.1	28.41	-0.613	-1.302	0
15	2003	248	1445	2.273	164.8	30.89	29.92	29.05	-0.969	-1.833	0
15	2003	248	1500	3.959	146.7	31.13	30.08	29.07	-1.045	-2.054	0
15	2003	248	1515	2.563	171	30.31	29.49	28.78	-0.821	-1.527	0
15	2003	248	1530	2.652	141.9	30.42	29.66	28.94	-0.756	-1.476	0
15	2003	248	1545	2.431	79.6	29.96	29.47	28.88	-0.494	-1.078	0
15	2003	248	1600	3.362	100.2	29.67	29.22	28.6	-0.451	-1.076	0
15	2003	248	1615	2.181	115.1	29.56	29.26	28.7	-0.304	-0.86	0
15	2003	248	1630	1.571	116.7	29.6	29.34	28.79	-0.263	-0.815	0
15	2003	248	1645	1.71	167.4	29.72	29.46	28.91	-0.258	-0.803	0
15	2003	248	1700	1.979	171	29.71	29.45	28.89	-0.26	-0.816	0
15	2003	248	1715	3.929	134.8	29.81	29.46	28.84	-0.351	-0.963	0
15	2003	248	1730	4.344	131.2	29.79	29.4	28.76	-0.393	-1.039	0
15	2003	248	1745	4.848	127.5	29.62	29.3	28.64	-0.319	-0.976	0
15	2003	248	1800	4.019	140.5	29.09	28.96	28.47	-0.123	-0.619	0
15	2003	248	1815	3.539	146.6	28.76	28.75	28.36	-0.006	-0.391	0
15	2003	248	1830	2.805	153.7	28.31	28.5	28.28	0.19	-0.028	0
15	2003	248	1845	2.67	159.4	27.96	28.24	28.16	0.277	0.195	0
15	2003	248	1900	2.776	158.7	27.61	28	28.09	0.391	0.481	0
15	2003	248	1915	2.899	144.4	27.53	27.79	27.8	0.264	0.279	0
15	2003	248	1930	2.869	145.8	27.48	27.67	27.58	0.196	0.107	0
15	2003	248	1945	2.911	141.3	26.87	27.21	27.25	0.338	0.379	0
15	2003	248	2000	3.088	140.7	26.27	26.71	26.96	0.437	0.686	0

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15	2003	248	2015	2.935	139.3	25.64	26.16	26.71	0.515	1.067	0
15	2003	248	2030	2.95	130.7	24.71	25.44	26.26	0.725	1.549	0
15	2003	248	2045	3.202	128.8	24.08	24.86	26.06	0.78	1.983	0
15	2003	248	2100	3.642	123.4	23.82	24.44	25.64	0.622	1.823	0
15	2003	248	2115	3.45	127.4	23.62	24.2	25.38	0.587	1.76	0
15	2003	248	2130	3.979	129.8	23.81	24.26	24.92	0.45	1.11	0
15	2003	248	2145	4.509	129.7	23.94	24.2	24.44	0.26	0.503	0
15	2003	248	2200	4.788	127.4	23.89	24.1	24.31	0.208	0.42	0
15	2003	248	2215	4.838	125.9	23.74	23.94	24.05	0.201	0.309	0
15	2003	248	2230	5.045	125.8	23.57	23.78	23.83	0.201	0.253	0
15	2003	248	2245	5.199	125.2	23.46	23.63	23.64	0.166	0.179	0
15	2003	248	2300	4.898	125.3	23.29	23.44	23.42	0.143	0.128	0
15	2003	248	2315	4.751	126.8	23.06	23.21	23.2	0.148	0.138	0
15	2003	248	2330	5.139	130.4	22.98	23.13	23.09	0.157	0.119	0
15	2003	248	2345	5.153	132	22.89	22.99	22.91	0.108	0.018	0
15	2003	248	2400	4.937	131.7	22.72	22.84	22.74	0.114	0.017	0
24	2003	248	2400	1337	11.09	1334	17.97	535	31.19	1455	-2.061
15	2003	249	15	5.029	133	22.58	22.69	22.56	0.11	-0.023	0
15	2003	249	30	5.433	133.5	22.41	22.5	22.34	0.093	-0.067	0
15	2003	249	45	5.28	134.5	22.22	22.32	22.16	0.1	-0.055	0
15	2003	249	100	5.401	136.1	22.03	22.15	22.03	0.126	0.002	0
15	2003	249	115	5.307	138	21.91	22.02	21.89	0.106	-0.024	0
15	2003	249	130	4.583	134.5	21.59	21.74	21.66	0.149	0.067	0
15	2003	249	145	4.338	134.5	21.37	21.54	21.49	0.175	0.124	0
15	2003	249	200	3.919	136.9	21.11	21.32	21.38	0.205	0.271	0
15	2003	249	215	3.761	129.6	20.76	20.99	21.14	0.235	0.383	0
15	2003	249	230	4.16	126.6	20.57	20.79	20.92	0.217	0.347	0
15	2003	249	245	3.943	128.3	20.37	20.58	20.75	0.208	0.381	0
15	2003	249	300	4.177	128.8	20.18	20.38	20.53	0.204	0.345	0
15	2003	249	315	3.778	131.2	19.98	20.19	20.42	0.212	0.442	0
15	2003	249	330	3.619	139	19.86	20.1	20.36	0.239	0.498	0
15	2003	249	345	2.942	143	19.37	19.72	20.04	0.348	0.669	0
15	2003	249	400	3.311	137.7	19.06	19.47	19.97	0.402	0.902	0
15	2003	249	415	3.312	134.9	19.07	19.43	20.03	0.362	0.964	0
15	2003	249	430	2.32	141	18.57	19.04	19.84	0.463	1.27	0
15	2003	249	445	2.954	139.7	18.31	18.87	19.91	0.561	1.602	0

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15	2003	249	500	2.73	139.6	18.36	18.88	19.9	0.523	1.535	0
15	2003	249	515	3.322	130.5	18.39	18.97	19.95	0.576	1.559	0
15	2003	249	530	4.119	131.9	18.73	19.19	20.14	0.464	1.417	0
15	2003	249	545	3.506	134.9	18.76	19.04	19.99	0.286	1.235	0
15	2003	249	600	3.163	130.2	18.7	18.85	19.7	0.152	0.995	0
15	2003	249	615	3.224	121	19.12	19.08	19.54	-0.038	0.416	0
15	2003	249	630	3.435	127.6	19.82	19.59	19.68	-0.232	-0.136	0
15	2003	249	645	3.439	129.3	20.58	20.17	19.75	-0.407	-0.83	0
15	2003	249	700	3.382	136	21.15	20.78	20.29	-0.365	-0.854	0
15	2003	249	715	3.513	144.6	22.55	21.97	21.27	-0.579	-1.275	0
15	2003	249	730	3.509	154.8	23.19	22.6	21.95	-0.584	-1.233	0
15	2003	249	745	4.127	152.4	24.16	23.4	22.65	-0.752	-1.508	0
15	2003	249	800	4.624	160.1	24.97	24.08	23.22	-0.892	-1.755	0
15	2003	249	815	4.732	166.8	25.44	24.5	23.53	-0.946	-1.914	0
15	2003	249	830	4.916	165.6	25.43	24.62	23.8	-0.817	-1.638	0
15	2003	249	845	4.312	174.5	26.32	25.32	24.33	-1.005	-1.988	0
15	2003	249	900	4.978	171	26.81	25.65	24.67	-1.158	-2.137	0
15	2003	249	915	5.028	169	27.13	25.96	24.93	-1.167	-2.195	0
15	2003	249	930	4.663	171.4	27.87	26.5	25.46	-1.37	-2.408	0
15	2003	249	945	4.588	165.4	27.79	26.62	25.62	-1.172	-2.172	0
15	2003	249	1000	4.726	190.5	28.39	27	26.03	-1.392	-2.366	0
15	2003	249	1015	4.646	182.4	28.97	27.45	26.39	-1.52	-2.579	0
15	2003	249	1030	4.769	185.2	29.59	27.91	26.71	-1.685	-2.877	0
15	2003	249	1045	4.409	188.7	28.93	27.82	26.89	-1.105	-2.038	0
15	2003	249	1100	4.645	188.5	28.68	27.65	26.77	-1.03	-1.91	0
15	2003	249	1115	4.293	177	28.98	27.88	27	-1.094	-1.982	0
15	2003	249	1130	4.46	180.6	29.26	28.26	27.4	-0.999	-1.853	0
15	2003	249	1145	4.123	174.6	30.48	29	27.9	-1.474	-2.574	0
15	2003	249	1200	4.284	177	31.16	29.67	28.56	-1.498	-2.601	0
15	2003	249	1215	4.756	196.5	30.85	29.46	28.42	-1.388	-2.428	0
15	2003	249	1230	4.483	192.8	30.84	29.46	28.36	-1.374	-2.476	0
15	2003	249	1245	5.135	203.9	30.16	29.05	28.18	-1.104	-1.973	0
15	2003	249	1300	5.09	193	31.32	29.82	28.61	-1.5	-2.714	0
15	2003	249	1315	4.801	183.6	30.71	29.52	28.59	-1.191	-2.127	0
15	2003	249	1330	5.07	189.7	32.14	30.65	29.44	-1.494	-2.706	0
15	2003	249	1345	5.753	196.7	32.01	30.41	29.2	-1.597	-2.812	0

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15	2003	249	1400	4.642	181.6	32.04	30.58	29.55	-1.459	-2.49	0
15	2003	249	1415	4.861	205.4	31.33	30.16	29.14	-1.164	-2.19	0
15	2003	249	1430	4.719	188.3	32.11	30.78	29.72	-1.335	-2.392	0
15	2003	249	1445	4.428	204.3	31.75	30.54	29.46	-1.209	-2.281	0
15	2003	249	1500	4.85	175.7	31.32	30.38	29.52	-0.943	-1.803	0
15	2003	249	1515	5.192	181	32.06	30.76	29.8	-1.296	-2.256	0
15	2003	249	1530	4.55	167.8	31.48	30.43	29.64	-1.048	-1.841	0
15	2003	249	1545	5.037	152.3	31.86	30.76	29.79	-1.1	-2.074	0
15	2003	249	1600	4.231	189.4	31.74	30.78	29.77	-0.954	-1.962	0
15	2003	249	1615	3.862	200.2	31.39	30.63	29.82	-0.763	-1.565	0
15	2003	249	1630	4.239	190.6	31.52	30.78	30.03	-0.735	-1.487	0
15	2003	249	1645	4.734	195.1	31.28	30.62	29.84	-0.66	-1.444	0
15	2003	249	1700	4.752	190.9	30.82	30.33	29.67	-0.488	-1.153	0
15	2003	249	1715	4.784	178.7	30.44	30.13	29.49	-0.312	-0.95	0
15	2003	249	1730	5.117	184.5	30.13	29.9	29.35	-0.227	-0.781	0
15	2003	249	1745	5.214	172.2	29.85	29.69	29.17	-0.155	-0.681	0
15	2003	249	1800	5.076	170.8	29.58	29.51	29.07	-0.062	-0.51	0
15	2003	249	1815	4.944	163.9	29.22	29.25	28.88	0.021	-0.342	0
15	2003	249	1830	4.969	162.3	28.94	29.02	28.72	0.085	-0.214	0
15	2003	249	1845	4.381	156.3	28.63	28.77	28.58	0.136	-0.058	0
15	2003	249	1900	3.862	146.7	28.26	28.43	28.32	0.171	0.06	0
15	2003	249	1915	3.815	136	27.81	28.05	28.02	0.237	0.214	0
15	2003	249	1930	3.896	138	27.69	27.87	27.83	0.181	0.148	0
15	2003	249	1945	3.719	131.1	27.44	27.67	27.67	0.228	0.223	0
15	2003	249	2000	3.372	126.7	27.08	27.32	27.38	0.242	0.302	0
15	2003	249	2015	3.367	131	26.74	27.01	27.14	0.276	0.404	0
15	2003	249	2030	3.374	136.8	26.3	26.66	26.94	0.358	0.64	0
15	2003	249	2045	3.441	134.5	25.99	26.41	26.77	0.42	0.778	0
15	2003	249	2100	3.49	132.2	25.69	26.12	26.64	0.429	0.943	0
15	2003	249	2115	3.546	132.7	25.5	25.92	26.39	0.419	0.89	0
15	2003	249	2130	3.724	129.7	25.2	25.63	26.09	0.43	0.895	0
15	2003	249	2145	4.106	133.2	25.08	25.4	25.71	0.326	0.635	0
15	2003	249	2200	4.754	142.9	25.24	25.42	25.41	0.185	0.175	0
15	2003	249	2215	4.612	145	25.23	25.35	25.23	0.114	-0.006	0
15	2003	249	2230	4.811	147.8	25.19	25.29	25.1	0.096	-0.088	0
15	2003	249	2245	5.355	157.6	25.19	25.24	24.99	0.051	-0.203	0



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15	2003	249	2300	5.253	168.9	25.18	25.19	24.86	0.011	-0.319	0
15	2003	249	2315	3.908	224.1	25.11	25.11	24.75	-0.006	-0.363	0
15	2003	249	2330	3.637	238.2	25.09	25.09	24.73	0.006	-0.354	0
15	2003	249	2345	4.407	234.9	24.82	24.85	24.52	0.028	-0.309	0
15	2003	249	2400	5.232	212.7	23.99	24.1	23.91	0.116	-0.082	0
24	2003	249	2400	1329	12.57	1324	18.73	434	31.73	1322	-2.207
15	2003	250	15	4.329	194.1	24.19	24.22	23.94	0.031	-0.254	0
15	2003	250	30	3.644	186.8	23.18	23.55	23.57	0.377	0.396	0
15	2003	250	45	4.836	151.5	21.38	22.03	22.44	0.656	1.064	0.254
15	2003	250	100	3.859	137	21.05	21.65	22.3	0.593	1.249	0
15	2003	250	115	4.675	139.6	21.25	21.63	22.35	0.381	1.102	0
15	2003	250	130	4.546	135.9	21.25	21.63	22.39	0.373	1.131	0
15	2003	250	145	3.442	138.3	21.22	21.56	21.99	0.342	0.77	0
15	2003	250	200	3.742	140.5	21.13	21.38	21.72	0.251	0.585	0
15	2003	250	215	3.939	142.7	21	21.21	21.46	0.205	0.463	0
15	2003	250	230	3.982	145.5	20.94	21.18	21.5	0.235	0.551	0
15	2003	250	245	4.23	151.4	20.97	21.25	21.48	0.272	0.506	0
15	2003	250	300	3.499	157.4	21.06	21.3	21.46	0.239	0.408	0
15	2003	250	315	3.647	163.6	20.95	21.24	21.37	0.286	0.417	0
15	2003	250	330	2.986	174.4	20.5	20.9	21.19	0.398	0.683	0
15	2003	250	345	2.103	180.7	19.84	20.52	20.99	0.676	1.145	0
15	2003	250	400	1.315	168.6	19.32	20.29	20.81	0.964	1.485	0
15	2003	250	415	1.457	124.4	18.7	20.21	20.73	1.511	2.032	0
15	2003	250	430	1.978	113.8	18.71	20.17	20.68	1.465	1.975	0
15	2003	250	445	0.759	199.6	18.56	19.72	20.47	1.166	1.911	0
15	2003	250	500	1.029	210.1	18.48	20.12	20.28	1.642	1.804	0
15	2003	250	515	0.596	66.81	17.52	19.55	20.18	2.029	2.661	0
15	2003	250	530	2.153	66.07	16.96	19.18	20.1	2.222	3.14	0
15	2003	250	545	2.359	73.2	17.19	18.61	19.98	1.421	2.79	0
15	2003	250	600	2.544	63.61	17.04	17.98	19.8	0.938	2.763	0
15	2003	250	615	1.963	56.61	17.6	17.94	19.82	0.334	2.215	0
15	2003	250	630	1.611	59.02	18.49	18.46	19.69	-0.03	1.199	0
15	2003	250	645	1.326	70.3	19.58	19.35	19.43	-0.237	-0.157	0
15	2003	250	700	2.634	109.7	20.71	20.43	19.92	-0.284	-0.795	0
15	2003	250	715	2.727	125.8	21.17	20.71	20.13	-0.465	-1.043	0
15	2003	250	730	2.487	117.5	21.71	21.19	20.56	-0.522	-1.149	0

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15	2003	250	745	2.48	135.1	22.15	21.57	20.94	-0.578	-1.212	0
15	2003	250	800	1.901	149	22.76	22.18	21.45	-0.581	-1.304	0
15	2003	250	815	1.326	155.9	23.2	22.55	21.97	-0.653	-1.233	0
15	2003	250	830	1.376	177.1	23.67	23.07	22.4	-0.607	-1.273	0
15	2003	250	845	1.458	128.5	24.04	23.36	22.81	-0.681	-1.224	0
15	2003	250	900	1.772	112.5	24.6	24.03	23.29	-0.565	-1.309	0
15	2003	250	915	2.267	154.4	25.66	24.83	24.03	-0.825	-1.633	0
15	2003	250	930	2.126	186.6	26.02	25.13	24.46	-0.891	-1.561	0
15	2003	250	945	2.243	203.8	26.73	25.73	24.88	-1.003	-1.85	0
15	2003	250	1000	1.878	194.3	27.25	26.45	25.7	-0.808	-1.552	0
15	2003	250	1015	1.945	199.1	28.14	27.09	26.32	-1.051	-1.819	0
15	2003	250	1030	1.613	235.6	28.76	27.75	26.77	-1.014	-1.988	0
15	2003	250	1045	2.146	254.4	28.69	27.68	26.87	-1.013	-1.818	0
15	2003	250	1100	2.046	246.4	29.17	28.02	27.2	-1.151	-1.966	0
15	2003	250	1115	2.158	235.8	29.73	28.41	27.63	-1.316	-2.099	0
15	2003	250	1130	2.153	260.8	29.95	28.75	27.85	-1.2	-2.104	0
15	2003	250	1145	1.962	127.6	29.9	28.95	28.1	-0.95	-1.801	0
15	2003	250	1200	2.593	266.6	30.71	29.67	28.82	-1.041	-1.891	0
15	2003	250	1215	2.874	296.1	30.95	29.73	28.87	-1.217	-2.079	0
15	2003	250	1230	2.132	8.09	30.6	29.63	28.84	-0.976	-1.761	0
15	2003	250	1245	1.563	264.5	31.56	30.63	29.7	-0.926	-1.852	0
15	2003	250	1300	2.575	314.9	31.08	30.19	29.41	-0.895	-1.677	0
15	2003	250	1315	2.661	247.2	31.79	30.54	29.76	-1.25	-2.027	0
15	2003	250	1330	2.228	229.4	31.8	30.85	29.97	-0.943	-1.823	0
15	2003	250	1345	2.952	242.9	32.8	31.45	30.28	-1.345	-2.514	0
15	2003	250	1400	3.562	290.5	32.68	31.57	30.59	-1.111	-2.096	0
15	2003	250	1415	2.878	303.8	31.8	31	30.23	-0.799	-1.571	0
15	2003	250	1430	2.09	313.5	31.45	30.84	30.21	-0.613	-1.235	0
15	2003	250	1445	2.53	239	32.31	31.53	30.71	-0.782	-1.601	0
15	2003	250	1500	2.534	199.9	32.71	31.76	30.86	-0.947	-1.844	0
15	2003	250	1515	1.876	280.7	32.17	31.64	30.88	-0.531	-1.29	0
15	2003	250	1530	2.532	266.7	31.66	31.11	30.51	-0.552	-1.153	0
15	2003	250	1545	2.38	247.2	31.66	31.19	30.55	-0.472	-1.111	0
15	2003	250	1600	2.267	225.4	31.49	31.07	30.47	-0.428	-1.027	0
15	2003	250	1615	1.976	226.6	32.1	31.55	30.93	-0.552	-1.177	0
15	2003	250	1630	2.889	194.9	32.42	31.81	31.04	-0.602	-1.374	0

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15	2003	250	1645	3.335	207	32.37	31.79	31.08	-0.583	-1.293	0
15	2003	250	1700	1.939	267.3	32.23	31.8	31.24	-0.431	-0.99	0
15	2003	250	1715	2.282	258.9	31.91	31.63	31.15	-0.283	-0.765	0
15	2003	250	1730	1.477	252.9	31.44	31.42	30.97	-0.015	-0.473	0
15	2003	250	1745	0.938	213.4	30.84	31.07	30.82	0.235	-0.018	0
15	2003	250	1800	0.77	231.9	30.52	30.9	30.68	0.377	0.161	0
15	2003	250	1815	1.357	214.7	29.85	30.54	30.59	0.699	0.742	0
15	2003	250	1830	1.234	224.5	29.2	30.37	30.54	1.163	1.34	0
15	2003	250	1845	1.456	199.6	28.31	30.18	30.49	1.87	2.173	0
15	2003	250	1900	1.759	215	28.52	29.53	30.46	1.017	1.945	0
15	2003	250	1915	1.866	212.3	27.63	28.75	30.33	1.126	2.707	0
15	2003	250	1930	2.359	174.2	27.78	29.34	30.23	1.554	2.451	0
15	2003	250	1945	2.56	185.1	28.06	29.53	30.08	1.47	2.027	0
15	2003	250	2000	5.095	179.8	28.06	28.34	28.6	0.274	0.536	0
15	2003	250	2015	6.944	154.6	27.02	26.95	26.62	-0.067	-0.397	0
15	2003	250	2030	4.363	191.9	26.75	26.71	26.37	-0.043	-0.384	0
15	2003	250	2045	4.821	199.6	24.5	24.77	24.62	0.266	0.117	0.254
15	2003	250	2100	6.53	176.9	21.1	21.55	22.18	0.452	1.078	0
15	2003	250	2115	7.78	131.3	20.95	21.22	21.76	0.274	0.807	0
15	2003	250	2130	7.63	141.5	21.47	21.68	22.19	0.204	0.714	0
15	2003	250	2145	6.752	137.3	21.36	21.5	21.59	0.135	0.233	0
15	2003	250	2200	6.352	136.5	21.27	21.42	21.58	0.149	0.307	0
15	2003	250	2215	5.993	133.6	21.48	21.66	21.7	0.174	0.221	0
15	2003	250	2230	6.238	133.2	21.57	21.75	21.78	0.182	0.215	0
15	2003	250	2245	5.681	137.2	21.62	21.81	21.81	0.19	0.183	0
15	2003	250	2300	4.07	130.6	21.39	21.64	21.69	0.251	0.297	0
15	2003	250	2315	3.982	130.9	21.25	21.5	21.56	0.251	0.315	0
15	2003	250	2330	3.677	122.2	20.96	21.25	21.45	0.289	0.489	0
15	2003	250	2345	4.442	136.1	21.06	21.31	21.53	0.255	0.472	0
15	2003	250	2400	5.08	135.1	21.18	21.42	21.59	0.242	0.408	0
24	2003	250	2400	2111	15.42	1339	17.67	553	32.46	1447	-2.281
15	2003	251	15	4.58	122.2	20.99	21.24	21.39	0.25	0.401	0
15	2003	251	30	4.474	105.8	20.82	21.01	21.04	0.19	0.228	0
15	2003	251	45	4.657	105.9	20.57	20.76	20.81	0.191	0.234	0
15	2003	251	100	5.929	108.4	20.56	20.68	20.63	0.118	0.07	0
15	2003	251	115	5.774	113.6	20.31	20.43	20.44	0.117	0.126	0

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15	2003	251	130	5.506	111.5	20.34	20.47	20.47	0.137	0.131	0
15	2003	251	145	5.316	102.9	20.18	20.31	20.24	0.133	0.061	0
15	2003	251	200	4.901	104.4	19.96	20.12	20.08	0.152	0.114	0
15	2003	251	215	5.382	98.1	19.87	20.01	19.91	0.136	0.039	0
15	2003	251	230	5.522	96.7	19.66	19.79	19.69	0.133	0.037	0
15	2003	251	245	5.403	100.1	19.47	19.6	19.54	0.123	0.07	0
15	2003	251	300	5.163	102.4	19.26	19.4	19.4	0.148	0.146	0
15	2003	251	315	5.217	98.6	19.11	19.25	19.32	0.141	0.212	0
15	2003	251	330	5.442	101.7	19.12	19.27	19.36	0.143	0.234	0
15	2003	251	345	4.951	110.4	18.98	19.14	19.26	0.159	0.281	0
15	2003	251	400	4.235	111.3	18.7	18.89	19.18	0.191	0.474	0
15	2003	251	415	4.211	113.9	18.55	18.75	19.18	0.207	0.632	0
15	2003	251	430	3.981	107	18.21	18.43	18.99	0.213	0.781	0
15	2003	251	445	4.237	103.4	18.15	18.37	18.83	0.222	0.688	0
15	2003	251	500	4.348	103.1	18.15	18.35	18.74	0.195	0.592	0
15	2003	251	515	4.676	104.1	18.16	18.38	18.68	0.216	0.515	0
15	2003	251	530	4.635	103.7	18.02	18.22	18.51	0.19	0.487	0
15	2003	251	545	4.651	107.1	17.95	18.16	18.41	0.212	0.463	0
15	2003	251	600	4.56	107.2	18.05	18.18	18.45	0.13	0.4	0
15	2003	251	615	4.316	110.2	18.36	18.4	18.51	0.038	0.152	0
15	2003	251	630	4.278	115.8	18.84	18.75	18.57	-0.09	-0.268	0
15	2003	251	645	4.681	123.5	19.39	19.15	18.78	-0.243	-0.61	0
15	2003	251	700	4.552	128	19.99	19.6	19.05	-0.386	-0.932	0
15	2003	251	715	4.396	135.6	20.53	20.02	19.43	-0.506	-1.094	0
15	2003	251	730	4.101	140.9	21.12	20.51	19.76	-0.614	-1.36	0
15	2003	251	745	3.41	155.6	21.79	21.1	20.36	-0.689	-1.434	0
15	2003	251	800	3.382	167.1	22.43	21.72	20.92	-0.702	-1.501	0
15	2003	251	815	3.067	186.8	22.84	22.01	21.32	-0.835	-1.519	0
15	2003	251	830	2.283	194.7	23.33	22.48	21.71	-0.85	-1.623	0
15	2003	251	845	2.413	215.3	23.73	22.83	22.06	-0.904	-1.669	0
15	2003	251	900	2.249	200.8	24.14	23.14	22.46	-1.007	-1.689	0
15	2003	251	915	2.125	187.3	24.68	23.65	22.91	-1.035	-1.769	0
15	2003	251	930	1.503	162.1	24.72	23.9	23.28	-0.822	-1.446	0
15	2003	251	945	1.726	219.7	25.33	24.49	23.67	-0.835	-1.66	0
15	2003	251	1000	1.353	251	25.59	24.83	24.34	-0.752	-1.249	0
15	2003	251	1015	1.881	228.4	26.6	25.77	25.23	-0.83	-1.373	0

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15	2003	251	1030	1.339	277	27.34	26.7	25.99	-0.637	-1.345	0
15	2003	251	1045	2.125	339.7	27.73	26.81	26.18	-0.915	-1.55	0
15	2003	251	1100	2.357	327.9	28.32	27.46	26.75	-0.855	-1.562	0
15	2003	251	1115	1.126	179.6	29.01	28.26	27.32	-0.745	-1.686	0
15	2003	251	1130	2.263	194.7	29.99	28.79	28.01	-1.195	-1.98	0
15	2003	251	1145	1.63	255.7	30.65	29.76	28.81	-0.898	-1.848	0
15	2003	251	1200	2.043	271.5	31.16	30.13	29.08	-1.033	-2.086	0
15	2003	251	1215	2.446	352.4	31.3	30.46	29.5	-0.842	-1.802	0
15	2003	251	1230	1.528	325.8	31.6	30.54	29.83	-1.056	-1.762	0
15	2003	251	1245	2.438	260.9	32.58	31.37	30.63	-1.207	-1.947	0
15	2003	251	1300	2.036	336.9	32.38	31.44	30.61	-0.938	-1.764	0
15	2003	251	1315	2.826	287.6	33.09	32.12	31.12	-0.969	-1.972	0
15	2003	251	1330	2.385	275.5	32.99	31.89	30.95	-1.103	-2.044	0
15	2003	251	1345	2.163	190.4	33.47	32.43	31.45	-1.039	-2.019	0
15	2003	251	1400	2.725	282.2	33.58	32.49	31.56	-1.085	-2.023	0
15	2003	251	1415	1.662	333.4	33.25	32.34	31.62	-0.913	-1.628	0
15	2003	251	1430	2.453	245.9	33.7	32.82	32.11	-0.878	-1.583	0
15	2003	251	1445	2.877	163.4	34.34	33.22	32.34	-1.124	-2.009	0
15	2003	251	1500	3.062	234.5	34.31	33.32	32.34	-0.998	-1.974	0
15	2003	251	1515	3.053	248.5	34.27	33.26	32.39	-1.015	-1.885	0
15	2003	251	1530	3.849	291.7	34.36	33.43	32.42	-0.93	-1.932	0
15	2003	251	1545	2.643	9.37	33.5	32.75	32	-0.75	-1.508	0
15	2003	251	1600	3.38	42.55	33.81	33.1	32.3	-0.712	-1.516	0
15	2003	251	1615	3.382	66.48	33.56	32.93	32.19	-0.631	-1.365	0
15	2003	251	1630	1.7	1.906	33.32	32.86	32.28	-0.46	-1.039	0
15	2003	251	1645	1.851	234.7	33.54	33.21	32.62	-0.329	-0.924	0
15	2003	251	1700	3.118	254.4	33.77	33.26	32.51	-0.515	-1.261	0
15	2003	251	1715	2.603	279	33.46	33.05	32.47	-0.409	-0.993	0
15	2003	251	1730	2.186	247.1	33.06	32.87	32.35	-0.19	-0.715	0
15	2003	251	1745	1.957	234.9	32.55	32.62	32.21	0.07	-0.336	0
15	2003	251	1800	1.824	203	31.42	32.16	31.97	0.742	0.548	0
15	2003	251	1815	1.931	203.8	30.35	31.89	31.93	1.533	1.574	0
15	2003	251	1830	1.34	179.9	29.39	31.95	31.81	2.566	2.428	0
15	2003	251	1845	1.785	165.6	28.43	31.72	31.74	3.281	3.306	0
15	2003	251	1900	1.622	147.5	28.35	31.66	31.78	3.316	3.432	0
15	2003	251	1915	2.568	141.3	28.02	30.94	31.79	2.922	3.767	0

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TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	251	1930	4.473	98.6	28.47	28.99	29.74	0.527	1.272	0
15	2003	251	1945	5.058	104.8	28.25	28.39	28.41	0.142	0.164	0
15	2003	251	2000	5.434	111.1	27.72	27.88	27.85	0.162	0.132	0
15	2003	251	2015	5.004	110.2	27.27	27.48	27.49	0.212	0.223	0
15	2003	251	2030	5.082	114	27.04	27.26	27.33	0.219	0.283	0
15	2003	251	2045	4.943	121.8	26.71	26.99	27.23	0.273	0.52	0
15	2003	251	2100	6.299	139.3	26.98	27.22	27.26	0.237	0.283	0
15	2003	251	2115	7.41	145.1	26.99	27.12	26.97	0.134	-0.013	0
15	2003	251	2130	6.715	146	26.43	26.56	26.4	0.131	-0.037	0
15	2003	251	2145	8.68	152.5	25.95	26	25.72	0.049	-0.227	0
15	2003	251	2200	9.36	152.3	25.53	25.56	25.27	0.037	-0.256	0
15	2003	251	2215	8.92	154.9	25.09	25.13	24.84	0.04	-0.247	0
15	2003	251	2230	7.95	152.8	24.8	24.85	24.58	0.054	-0.217	0
15	2003	251	2245	7.11	150.3	24.51	24.58	24.35	0.075	-0.162	0
15	2003	251	2300	7	147.3	24.25	24.33	24.1	0.075	-0.151	0
15	2003	251	2315	6.962	147	24.02	24.09	23.88	0.073	-0.135	0
15	2003	251	2330	6.982	144	23.77	23.85	23.63	0.081	-0.135	0
15	2003	251	2345	7.09	148.9	23.54	23.62	23.41	0.084	-0.129	0
15	2003	251	2400	6.664	147.3	23.26	23.36	23.15	0.094	-0.115	0
24	2003	251	2400	2155	18.18	1524	18.04	523	34.27	1525	-1.913
15	2003	252	15	6.711	140.4	23.06	23.14	22.92	0.08	-0.142	0
15	2003	252	30	6.37	137.2	22.82	22.91	22.7	0.088	-0.127	0
15	2003	252	45	6.127	137.3	22.56	22.67	22.47	0.108	-0.086	0
15	2003	252	100	6.404	134.6	22.4	22.51	22.32	0.103	-0.088	0
15	2003	252	115	6.079	136	22.21	22.33	22.13	0.113	-0.08	0
15	2003	252	130	5.402	131.9	22.01	22.11	21.94	0.102	-0.068	0
15	2003	252	145	5.516	127.8	21.84	21.95	21.81	0.109	-0.032	0
15	2003	252	200	5.412	137.4	21.77	21.87	21.7	0.095	-0.071	0
15	2003	252	215	5.149	147.5	21.63	21.75	21.62	0.119	-0.01	0
15	2003	252	230	5.812	144.5	21.53	21.66	21.54	0.129	0.011	0
15	2003	252	245	5.168	145.4	21.38	21.49	21.41	0.114	0.034	0
15	2003	252	300	5.022	147.6	21.22	21.35	21.33	0.137	0.109	0
15	2003	252	315	5.043	149.8	21.12	21.28	21.26	0.159	0.143	0
15	2003	252	330	5.001	156.8	20.96	21.15	21.2	0.188	0.244	0
15	2003	252	345	5.702	154.5	20.98	21.14	21.18	0.159	0.203	0
15	2003	252	400	5.671	149.5	20.87	21.02	21.1	0.155	0.229	0

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15	2003	252	415	5.578	145.5	20.8	20.93	21.02	0.134	0.219	0
15	2003	252	430	5.535	143.1	20.79	20.93	21.04	0.141	0.249	0
15	2003	252	445	5.448	140.8	20.76	20.91	21.05	0.154	0.287	0
15	2003	252	500	5.149	137.3	20.51	20.67	20.94	0.155	0.432	0
15	2003	252	515	4.51	136.5	20.29	20.44	20.7	0.148	0.41	0
15	2003	252	530	3.646	133.5	20.02	20.2	20.5	0.175	0.48	0
15	2003	252	545	3.914	130.5	19.97	20.13	20.36	0.161	0.392	0
15	2003	252	600	3.803	143.2	19.95	20.04	20.27	0.09	0.311	0
15	2003	252	615	4.247	144.2	20.43	20.42	20.51	-0.001	0.085	0
15	2003	252	630	4.048	143.5	21.11	20.91	20.72	-0.191	-0.388	0
15	2003	252	645	4.068	142.3	21.83	21.5	21.1	-0.334	-0.735	0
15	2003	252	700	4.696	152.3	22.79	22.39	21.87	-0.392	-0.918	0
15	2003	252	715	4.81	159.3	23.79	23.32	22.73	-0.469	-1.058	0
15	2003	252	730	4.524	167	24.56	23.98	23.31	-0.584	-1.258	0
15	2003	252	745	4.089	171.7	25.44	24.73	24	-0.707	-1.438	0
15	2003	252	800	3.851	183.7	26.43	25.65	24.82	-0.788	-1.615	0
15	2003	252	815	4.383	196.7	27.11	26.21	25.37	-0.9	-1.734	0
15	2003	252	830	4.318	205	27.76	26.82	25.96	-0.941	-1.798	0
15	2003	252	845	3.602	219.6	28.27	27.39	26.6	-0.871	-1.666	0
15	2003	252	900	3.43	224.8	28.69	27.88	27.11	-0.807	-1.577	0
15	2003	252	915	3.399	221.2	29.82	28.67	27.79	-1.151	-2.029	0
15	2003	252	930	3.155	212.4	30.34	29.34	28.42	-0.993	-1.917	0
15	2003	252	945	3.227	188.6	31.08	29.93	28.95	-1.154	-2.137	0
15	2003	252	1000	3.194	204.9	31.32	30.26	29.36	-1.058	-1.96	0
15	2003	252	1015	2.805	201.7	32.15	30.98	29.95	-1.173	-2.201	0
15	2003	252	1030	2.82	220.1	32.57	31.42	30.44	-1.145	-2.125	0
15	2003	252	1045	3.003	188.5	33.39	32.07	31.12	-1.316	-2.268	0
15	2003	252	1100	2.718	209.8	33.67	32.44	31.49	-1.231	-2.185	0
15	2003	252	1115	3.02	190.3	34.18	32.96	31.98	-1.226	-2.202	0
15	2003	252	1130	2.965	184.6	34.54	33.24	32.21	-1.302	-2.331	0
15	2003	252	1145	3.008	231.5	34.79	33.68	32.68	-1.11	-2.113	0
15	2003	252	1200	2.081	185.7	34.76	33.8	33.07	-0.956	-1.69	0
15	2003	252	1215	4.658	183.8	36.17	34.64	33.63	-1.526	-2.539	0
15	2003	252	1230	4.943	195.9	36.38	34.82	33.65	-1.561	-2.726	0
15	2003	252	1245	3.402	232.1	35.91	34.57	33.5	-1.338	-2.411	0
15	2003	252	1300	7.05	193.7	35.07	33.93	32.89	-1.134	-2.173	0

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15	2003	252	1315	8.87	191.9	34.64	33.55	32.34	-1.089	-2.303	0
15	2003	252	1330	7.32	191.9	33.77	33.03	32.15	-0.739	-1.613	0
15	2003	252	1345	6.617	174.3	34.59	33.76	32.96	-0.832	-1.632	0
15	2003	252	1400	6.108	181.4	35.11	34.22	33.3	-0.892	-1.813	0
15	2003	252	1415	10.31	172.7	34.55	33.46	32.28	-1.087	-2.271	0
15	2003	252	1430	9.51	151.8	34.53	33.21	31.82	-1.318	-2.704	0
15	2003	252	1445	7.37	141.8	34.12	33.03	31.95	-1.096	-2.174	0
15	2003	252	1500	5.938	147.1	34.3	33.4	32.44	-0.896	-1.858	0
15	2003	252	1515	7.02	149.6	34.18	33.51	32.65	-0.67	-1.53	0
15	2003	252	1530	9.82	166.9	33.28	32.67	31.72	-0.612	-1.558	0
15	2003	252	1545	11.22	162.7	32.48	31.89	31.05	-0.586	-1.429	0
15	2003	252	1600	10.37	163.1	31.87	31.47	30.74	-0.402	-1.134	0
15	2003	252	1615	8.92	162.4	31.51	31.21	30.57	-0.3	-0.938	0
15	2003	252	1630	7.67	159.5	31.28	30.96	30.33	-0.315	-0.952	0
15	2003	252	1645	6.92	160.9	31.06	30.79	30.21	-0.265	-0.844	0
15	2003	252	1700	7.62	166.8	30.74	30.52	29.95	-0.217	-0.785	0
15	2003	252	1715	6.488	171.6	30.52	30.38	29.89	-0.145	-0.631	0
15	2003	252	1730	6.194	174.9	30.45	30.37	29.93	-0.079	-0.515	0
15	2003	252	1745	5.365	176.6	30.35	30.33	29.94	-0.02	-0.409	0
15	2003	252	1800	6.038	180.1	30.28	30.28	29.92	-0.003	-0.36	0
15	2003	252	1815	4.965	181.7	30.13	30.18	29.87	0.044	-0.268	0
15	2003	252	1830	4.611	187.3	30.03	30.08	29.8	0.051	-0.23	0
15	2003	252	1845	6.085	242.4	29.6	29.69	29.44	0.082	-0.16	0
15	2003	252	1900	6.779	292.7	27.26	27.09	26.7	-0.163	-0.555	0
15	2003	252	1915	7.18	268.4	25.46	25.71	25.15	0.248	-0.308	0
15	2003	252	1930	4.602	282.1	25.84	26.17	26.29	0.325	0.449	0
15	2003	252	1945	4.04	252.4	24.66	25.28	25.21	0.621	0.549	0
15	2003	252	2000	5.478	299	23.56	23.87	24.29	0.309	0.73	0
15	2003	252	2015	2.078	321.5	23.84	24.11	25.17	0.269	1.324	0
15	2003	252	2030	2.394	101.6	23.57	24.22	24.92	0.646	1.352	0
15	2003	252	2045	1.274	24.56	23.45	24.73	25.25	1.283	1.8	0
15	2003	252	2100	2.716	65.83	23.65	24.91	25.73	1.257	2.084	0
15	2003	252	2115	3.069	58.15	23.68	24.09	25.6	0.405	1.92	0
15	2003	252	2130	2.606	82.2	23.87	24.36	25.52	0.49	1.644	0
15	2003	252	2145	2.858	111.6	23.85	24.48	25.88	0.622	2.025	0
15	2003	252	2200	3.601	121.6	23.83	24.24	25.51	0.416	1.686	0



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15	2003	252	2215	3.291	140.4	23.85	24.27	26.5	0.423	2.651	0
15	2003	252	2230	2.924	204.5	23.27	23.7	25	0.432	1.728	0
15	2003	252	2245	2.086	214.7	23.29	23.63	24.08	0.341	0.787	0
15	2003	252	2300	1.414	170.4	22.8	23.18	24.14	0.378	1.338	0
15	2003	252	2315	2.092	155.9	22.86	23.46	24.9	0.601	2.034	0
15	2003	252	2330	2.244	176.1	23.69	24.07	24.59	0.38	0.901	0
15	2003	252	2345	2.975	187	24.05	24.3	24.52	0.25	0.472	0
15	2003	252	2400	1.971	225.3	23.97	24.17	24.18	0.202	0.213	0
24	2003	252	2400	1401	18.34	1219	19.89	548	35.99	1219	-2.354
15	2003	253	15	3.112	166	23.63	23.99	24.17	0.361	0.541	0
15	2003	253	30	4.014	167.9	23.87	24.07	23.97	0.195	0.099	0
15	2003	253	45	4.627	155.5	23.59	23.78	23.69	0.197	0.101	0
15	2003	253	100	4.505	145.9	23.32	23.53	23.45	0.207	0.129	0
15	2003	253	115	4.653	135.8	23.01	23.19	23.14	0.184	0.133	0
15	2003	253	130	5.104	132.7	22.8	22.95	22.9	0.152	0.097	0
15	2003	253	145	4.915	145.5	22.71	22.84	22.75	0.139	0.044	0
15	2003	253	200	5.466	145.5	22.56	22.7	22.62	0.14	0.055	0
15	2003	253	215	5.373	141.2	22.42	22.56	22.48	0.137	0.058	0
15	2003	253	230	5.651	141.5	22.31	22.44	22.35	0.133	0.043	0
15	2003	253	245	4.982	138.9	22.05	22.21	22.18	0.159	0.128	0
15	2003	253	300	5.011	141.9	21.88	22.02	21.99	0.141	0.11	0
15	2003	253	315	5.05	144.9	21.76	21.92	21.92	0.158	0.161	0
15	2003	253	330	4.868	143.9	21.67	21.84	21.94	0.164	0.271	0
15	2003	253	345	4.288	137	21.42	21.6	21.82	0.183	0.405	0
15	2003	253	400	4.412	135.5	21.18	21.39	21.74	0.21	0.563	0
15	2003	253	415	3.755	136.7	21.01	21.24	21.7	0.23	0.697	0
15	2003	253	430	2.362	141.1	20.69	20.97	21.65	0.277	0.963	0
15	2003	253	445	2.465	134.9	20.23	20.7	21.46	0.465	1.234	0
15	2003	253	500	3.055	134.5	20.21	20.51	21.76	0.308	1.558	0
15	2003	253	515	2.812	136.2	20.1	20.36	21.5	0.268	1.404	0
15	2003	253	530	2.44	140.4	19.86	20.12	21.51	0.26	1.649	0
15	2003	253	545	3.198	134.4	20.01	20.31	21.98	0.302	1.972	0
15	2003	253	600	3.147	144.2	20.26	20.48	21.88	0.219	1.621	0
15	2003	253	615	3.051	138	20.75	20.78	21.7	0.023	0.947	0
15	2003	253	630	3.068	145	21.31	21.36	22	0.048	0.693	0
15	2003	253	645	2.497	141.5	21.58	21.55	22.02	-0.03	0.44	0

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15	2003	253	700	3.328	137.4	22.18	22.06	22.1	-0.121	-0.08	0
15	2003	253	715	3.254	145.1	22.36	22.25	22.12	-0.117	-0.239	0
15	2003	253	730	3.418	157.8	23.22	23	22.54	-0.222	-0.681	0
15	2003	253	745	3.879	165.8	23.94	23.61	23.07	-0.324	-0.865	0
15	2003	253	800	4.225	179.5	24.92	24.16	23.51	-0.758	-1.401	0
15	2003	253	815	4.158	187.8	25.85	24.9	24.13	-0.943	-1.718	0
15	2003	253	830	3.452	188.2	26.48	25.51	24.72	-0.965	-1.763	0
15	2003	253	845	2.983	187.1	26.85	25.95	25.12	-0.905	-1.734	0
15	2003	253	900	3	201.6	27.68	26.56	25.71	-1.117	-1.964	0
15	2003	253	915	2.678	190	27.92	26.91	26.12	-1.018	-1.808	0
15	2003	253	930	2.466	181.5	28.23	27.23	26.48	-1.001	-1.75	0
15	2003	253	945	2.23	181.5	29.36	28.26	27.34	-1.095	-2.016	0
15	2003	253	1000	2.247	164.9	29.6	28.57	27.88	-1.028	-1.715	0
15	2003	253	1015	2.474	172.7	30.03	29.02	28.22	-1.015	-1.816	0
15	2003	253	1030	1.987	234.1	30.16	29.14	28.26	-1.019	-1.902	0
15	2003	253	1045	2.837	168.8	30.68	29.48	28.74	-1.196	-1.941	0
15	2003	253	1100	2.856	215.1	31.57	30.25	29.25	-1.318	-2.312	0
15	2003	253	1115	2.881	205.4	31.73	30.22	29.45	-1.507	-2.283	0
15	2003	253	1130	2.435	216.7	31.94	30.59	29.6	-1.353	-2.338	0
15	2003	253	1145	3.082	237.6	32.04	30.72	29.79	-1.315	-2.252	0
15	2003	253	1200	5.315	251.6	32.66	31.11	29.95	-1.551	-2.711	0
15	2003	253	1215	3.274	246.9	32.57	31.13	30	-1.442	-2.572	0
15	2003	253	1230	4.54	253.7	33.17	31.63	30.52	-1.542	-2.656	0
15	2003	253	1245	3.905	251	33.45	31.83	30.75	-1.622	-2.704	0
15	2003	253	1300	4.578	256.8	33.37	31.88	31	-1.499	-2.378	0
15	2003	253	1315	3.824	253.1	33.76	32.44	31.4	-1.329	-2.363	0
15	2003	253	1330	5.002	229.2	33.46	32.25	31.19	-1.202	-2.262	0
15	2003	253	1345	4.033	261	33.89	32.58	31.46	-1.311	-2.431	0
15	2003	253	1400	5.343	249.7	34.21	32.73	31.61	-1.48	-2.6	0
15	2003	253	1415	5.588	255.7	34.34	32.87	31.73	-1.473	-2.611	0
15	2003	253	1430	5.218	252.4	34.63	33.19	31.93	-1.436	-2.699	0
15	2003	253	1445	5.359	259.9	34.58	33.24	32.18	-1.343	-2.394	0
15	2003	253	1500	7.37	270.8	34.66	33.23	32.19	-1.43	-2.468	0
15	2003	253	1515	5.351	260.6	34.32	32.94	32.01	-1.374	-2.306	0
15	2003	253	1530	5.361	264.5	34.25	33.07	32.05	-1.171	-2.196	0
15	2003	253	1545	5.9	269.9	34.2	33	32.07	-1.206	-2.135	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	253	1600	4.541	266.9	34.06	32.99	32.1	-1.076	-1.969	0
15	2003	253	1615	4.856	235.5	33.98	32.92	32.06	-1.057	-1.913	0
15	2003	253	1630	4.041	242.8	33.74	32.93	32.06	-0.811	-1.68	0
15	2003	253	1645	6.183	271	33.64	32.97	32.18	-0.67	-1.465	0
15	2003	253	1700	5.436	274.3	33.49	32.82	32.07	-0.672	-1.425	0
15	2003	253	1715	4.894	270.4	33.25	32.74	31.99	-0.512	-1.263	0
15	2003	253	1730	5.985	263.9	32.87	32.55	31.97	-0.319	-0.899	0
15	2003	253	1745	4.356	270.2	32.32	32.19	31.69	-0.128	-0.636	0
15	2003	253	1800	3.529	262.2	31.89	31.97	31.59	0.075	-0.301	0
15	2003	253	1815	2.716	238.2	31.42	31.71	31.51	0.281	0.083	0
15	2003	253	1830	1.662	225.7	30.59	31.12	31.41	0.53	0.815	0
15	2003	253	1845	1.705	230	30.32	31.01	31.53	0.684	1.213	0
15	2003	253	1900	2.432	235.4	30.72	31.44	31.5	0.716	0.771	0
15	2003	253	1915	2.158	251.8	30.58	31.15	31.41	0.573	0.832	0
15	2003	253	1930	2.374	251.2	30.08	30.7	31.17	0.622	1.088	0
15	2003	253	1945	1.776	237.1	28.92	30.12	30.63	1.201	1.703	0
15	2003	253	2000	2.654	230.3	29.42	30.26	30.48	0.844	1.056	0
15	2003	253	2015	2.715	229.5	29.03	29.54	30.02	0.509	0.993	0
15	2003	253	2030	2.834	227.3	28.43	29.17	30.26	0.739	1.83	0
15	2003	253	2045	2.917	224.6	27.75	28.82	30.4	1.064	2.644	0
15	2003	253	2100	3.071	221.9	27.09	28.41	30.08	1.327	2.992	0
15	2003	253	2115	2.806	215.9	26.45	27.54	29.91	1.095	3.463	0
15	2003	253	2130	2.568	205.7	26.42	27.12	30	0.705	3.579	0
15	2003	253	2145	2.843	202.6	26.42	27.19	29.8	0.766	3.375	0
15	2003	253	2200	4.434	193.6	26.36	26.43	26.16	0.071	-0.2	0
15	2003	253	2215	2.963	141.8	25.84	25.89	25.57	0.052	-0.262	0
15	2003	253	2230	2.675	210.9	25.9	25.91	25.52	0.01	-0.385	0
15	2003	253	2245	1.944	251.4	25.63	25.74	25.49	0.107	-0.148	0
15	2003	253	2300	1.824	251.7	25.55	25.69	25.48	0.14	-0.07	0
15	2003	253	2315	4.978	359.4	25.83	25.87	25.6	0.034	-0.236	0
15	2003	253	2330	4.546	22.28	25.34	25.43	25.24	0.09	-0.092	0
15	2003	253	2345	3.477	32.04	24.61	24.68	24.62	0.069	0.015	0
15	2003	253	2400	3.746	20.3	24.18	24.24	24.16	0.064	-0.02	0
24	2003	253	2400	1453	13.15	1353	19.97	519	33.91	1433	-2.305
15	2003	254	15	3.713	1.1	23.89	24.04	23.99	0.154	0.104	0
15	2003	254	30	5.052	0.315	22.79	23.34	23.53	0.55	0.742	0

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15	2003	254	45	5.273	5.034	22.83	23.1	23.25	0.266	0.417	0
15	2003	254	100	4.108	15.96	22.32	22.61	22.85	0.292	0.536	0
15	2003	254	115	4.178	19.19	22.1	22.36	22.51	0.255	0.413	0
15	2003	254	130	4.508	27.44	21.94	22.13	22.15	0.197	0.216	0
15	2003	254	145	2.784	43.76	21.26	21.57	21.95	0.313	0.686	0
15	2003	254	200	2.695	41.85	20.72	21.41	22.19	0.686	1.468	0
15	2003	254	215	2.653	59.87	20.34	20.89	21.63	0.55	1.292	0
15	2003	254	230	2.474	85.3	19.62	20.39	21.44	0.77	1.814	0
15	2003	254	245	1.59	77	19.44	20.1	21.39	0.663	1.957	0
15	2003	254	300	1.457	63.3	18.81	19.81	21.38	1.001	2.573	0
15	2003	254	315	0.493	108.7	18.07	19.61	21.27	1.545	3.205	0
15	2003	254	330	0.312	38.4	17.45	19.63	20.99	2.173	3.535	0
15	2003	254	345	0.433	4.635	16.86	19.6	20.68	2.739	3.82	0
15	2003	254	400	1.262	347.3	16.84	19.1	20.34	2.258	3.502	0
15	2003	254	415	1.534	357.1	17.49	18.53	20.05	1.039	2.567	0
15	2003	254	430	1.743	25.54	17.17	18.18	20.13	1.013	2.962	0
15	2003	254	445	1.513	29	17.12	17.94	20.28	0.82	3.161	0
15	2003	254	500	1.135	48.77	17.84	18.4	20.38	0.56	2.538	0
15	2003	254	515	0.558	344	18	18.71	20.24	0.711	2.246	0
15	2003	254	530	1.692	301.4	18.22	19.03	20.26	0.811	2.045	0
15	2003	254	545	1.82	306.8	18.41	18.93	20.26	0.523	1.845	0
15	2003	254	600	1.285	292.8	18.6	19.07	19.78	0.473	1.176	0
15	2003	254	615	0.682	45.85	18.14	19	19.48	0.852	1.34	0
15	2003	254	630	0.389	297.7	18.39	19.06	19.42	0.668	1.029	0
15	2003	254	645	0.654	224.8	19.04	19.23	19.29	0.187	0.245	0
15	2003	254	700	1.158	0.832	19.88	19.71	19.69	-0.173	-0.183	0
15	2003	254	715	1.627	323.8	20.63	20.41	19.98	-0.221	-0.648	0
15	2003	254	730	2.244	330.9	21.53	21.13	20.57	-0.405	-0.962	0
15	2003	254	745	3.593	331	22.59	22.04	21.33	-0.541	-1.257	0
15	2003	254	800	4.612	320.7	23.09	22.39	21.61	-0.702	-1.476	0
15	2003	254	815	4.801	321	23.47	22.74	21.97	-0.725	-1.501	0
15	2003	254	830	3.745	321.3	23.89	23.24	22.41	-0.642	-1.478	0
15	2003	254	845	4.045	345.9	24.27	23.43	22.57	-0.846	-1.701	0
15	2003	254	900	3.991	4.238	24.81	23.77	22.85	-1.044	-1.962	0
15	2003	254	915	4.495	357.7	25.39	24.3	23.38	-1.093	-2.013	0
15	2003	254	930	4.493	355	25.17	24.51	23.68	-0.664	-1.496	0

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15	2003	254	945	4.57	348.5	25.18	24.64	23.92	-0.536	-1.261	0
15	2003	254	1000	4.514	352.4	25.03	24.55	23.87	-0.475	-1.158	0
15	2003	254	1015	3.746	8.27	25.06	24.58	23.88	-0.483	-1.177	0
15	2003	254	1030	3.186	7.38	25.56	24.82	24.05	-0.74	-1.506	0
15	2003	254	1045	2.235	355.3	25.34	24.73	24.08	-0.607	-1.26	0
15	2003	254	1100	1.923	9.14	25.77	25.16	24.37	-0.613	-1.4	0
15	2003	254	1115	2.269	33.54	26.52	25.54	24.75	-0.984	-1.764	0
15	2003	254	1130	2.374	355.8	26.65	25.99	25.23	-0.658	-1.415	0
15	2003	254	1145	2.156	51.13	26.76	26.07	25.26	-0.691	-1.492	0
15	2003	254	1200	2.094	15.67	27.28	26.7	25.65	-0.58	-1.634	0
15	2003	254	1215	1.687	296.9	27.39	26.71	26.03	-0.684	-1.363	0
15	2003	254	1230	1.835	17.31	27.45	26.86	26.28	-0.588	-1.171	0
15	2003	254	1245	1.583	23.69	28.29	27.47	26.59	-0.821	-1.701	0
15	2003	254	1300	2.654	10.58	28.25	27.41	26.55	-0.844	-1.7	0
15	2003	254	1315	2.378	338.2	28.4	27.42	26.67	-0.978	-1.726	0
15	2003	254	1330	2.882	355.5	28.67	27.72	26.88	-0.948	-1.782	0
15	2003	254	1345	2.246	356.2	29.21	28.31	27.44	-0.899	-1.765	0
15	2003	254	1400	2.976	330.3	29.42	28.45	27.58	-0.971	-1.839	0
15	2003	254	1415	1.484	288.1	29.01	28.37	27.6	-0.635	-1.402	0
15	2003	254	1430	2.27	271.4	29.72	28.81	28.01	-0.913	-1.717	0
15	2003	254	1445	2.252	254.7	29.52	28.75	28.01	-0.768	-1.508	0
15	2003	254	1500	2.532	259	29.91	28.98	28.13	-0.924	-1.783	0
15	2003	254	1515	2.454	332.7	29.41	28.65	27.89	-0.757	-1.513	0
15	2003	254	1530	1.294	316.8	29.01	28.59	27.9	-0.427	-1.111	0
15	2003	254	1545	1.785	87.4	29.13	28.71	28.03	-0.418	-1.104	0
15	2003	254	1600	1.582	127	29.22	28.87	28.19	-0.355	-1.035	0
15	2003	254	1615	1.412	337.2	28.94	28.69	28.11	-0.247	-0.828	0
15	2003	254	1630	1.495	312.7	28.79	28.61	28.09	-0.178	-0.697	0
15	2003	254	1645	1.591	20.29	28.81	28.58	28	-0.237	-0.819	0
15	2003	254	1700	1.501	40.41	28.9	28.61	28.07	-0.289	-0.834	0
15	2003	254	1715	2.141	69.28	28.98	28.62	28.08	-0.353	-0.895	0
15	2003	254	1730	4.433	61.57	28.48	28.23	27.6	-0.253	-0.878	0
15	2003	254	1745	4.196	53.84	28.22	28.03	27.47	-0.193	-0.746	0
15	2003	254	1800	6.379	29.6	26.99	26.79	26.29	-0.196	-0.702	0
15	2003	254	1815	8.38	45.22	25.14	25	24.56	-0.145	-0.581	0
15	2003	254	1830	6.929	40.93	24.4	24.28	23.86	-0.125	-0.542	0

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15	2003	254	1845	6.677	45.49	23.43	23.27	22.92	-0.153	-0.509	0
15	2003	254	1900	6.176	58.44	23.16	23.02	22.63	-0.136	-0.527	0
15	2003	254	1915	5.923	63.71	22.91	22.83	22.49	-0.077	-0.422	0
15	2003	254	1930	5.293	60.9	22.77	22.68	22.33	-0.093	-0.439	0
15	2003	254	1945	5.812	49.19	22.32	22.26	21.92	-0.067	-0.405	0
15	2003	254	2000	5.741	52.46	19.22	19.21	20.14	-0.013	0.924	0
15	2003	254	2015	5.161	62.3	19.78	19.8	20.29	0.014	0.508	0
15	2003	254	2030	3.573	67.63	19.6	19.53	19.6	-0.074	-0.004	0
15	2003	254	2045	4.887	60.87	20.24	20.26	20.44	0.012	0.199	0
15	2003	254	2100	5.384	64.18	20.17	20.15	20.11	-0.016	-0.055	0
15	2003	254	2115	4.445	96.6	20.1	20.1	19.89	0.001	-0.204	0
15	2003	254	2130	5.069	98.3	20.08	20.15	20.03	0.077	-0.045	0
15	2003	254	2145	6.608	95.8	20.43	20.47	20.46	0.039	0.024	0
15	2003	254	2200	6.645	89.1	20.9	20.91	20.74	0.005	-0.163	0
15	2003	254	2215	5.346	59.13	19.72	19.8	19.59	0.082	-0.132	3.048
15	2003	254	2230	6.037	81.1	17.67	18.26	18.34	0.588	0.671	0.508
15	2003	254	2245	5.431	75.1	17.38	17.91	18.45	0.527	1.074	0.254
15	2003	254	2300	4.856	86.5	17.26	17.7	18.36	0.433	1.097	0
15	2003	254	2315	5.183	91.4	17.27	17.67	18.26	0.397	0.986	0
15	2003	254	2330	5.766	91.8	17.2	17.49	18.19	0.29	0.985	0
15	2003	254	2345	6.09	92.1	17.37	17.66	18.3	0.295	0.935	0
15	2003	254	2400	5.391	86.9	17.4	17.67	18.32	0.268	0.918	0
24	2003	254	2400	1806	16.78	1457	17.28	2318	29.71	1457	-1.742
15	2003	255	15	5.191	87.8	17.63	17.94	18.67	0.307	1.037	0
15	2003	255	30	4.677	93.1	17.55	17.87	18.49	0.32	0.941	0
15	2003	255	45	3.308	132.1	17.24	17.56	18.18	0.323	0.947	0
15	2003	255	100	2.058	295.2	16.61	17.08	17.34	0.469	0.73	0
15	2003	255	115	2.333	174.8	16.95	17.56	17.92	0.608	0.967	0
15	2003	255	130	1.857	223.5	16.67	17.41	17.78	0.742	1.106	0
15	2003	255	145	1.475	238.1	16.31	17.23	17.83	0.922	1.521	0
15	2003	255	200	0.609	202	15.45	16.75	17.78	1.3	2.328	0
15	2003	255	215	0.195	44.37	14.55	16.72	17.77	2.171	3.22	0
15	2003	255	230	0.718	30.77	14.28	17.04	17.97	2.753	3.688	0
15	2003	255	245	0.914	32.9	14.34	17.18	18.01	2.842	3.665	0
15	2003	255	300	1.08	47.22	13.97	16.97	18.11	3.003	4.144	0
15	2003	255	315	2.053	63.51	13.93	16.87	18.04	2.941	4.114	0

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15	2003	255	330	1.881	63.55	13.8	16.06	18.01	2.257	4.205	0
15	2003	255	345	1.759	62.79	13.53	16.86	17.94	3.33	4.404	0
15	2003	255	400	1.481	65.21	13.58	16.89	17.86	3.309	4.28	0
15	2003	255	415	1.625	57.93	13.39	17.17	17.97	3.777	4.582	0
15	2003	255	430	1.908	52.42	13.23	16.66	17.99	3.423	4.76	0
15	2003	255	445	2.17	47.62	13.58	16.38	17.99	2.795	4.404	0
15	2003	255	500	2.013	40.17	13.51	16.52	17.91	3.014	4.402	0
15	2003	255	515	2.354	57.2	13.5	16.36	17.7	2.856	4.199	0
15	2003	255	530	2.453	58.4	13.12	15.89	17.83	2.779	4.716	0
15	2003	255	545	2.544	64.77	12.96	14.85	17.76	1.886	4.804	0
15	2003	255	600	2.397	78.2	13.75	14.72	17.72	0.968	3.969	0
15	2003	255	615	2.913	77.9	14.39	15.05	17.62	0.659	3.235	0
15	2003	255	630	3.108	75.3	15.28	15.57	17.49	0.297	2.213	0
15	2003	255	645	2.923	78.3	16.11	16.09	17.43	-0.014	1.325	0
15	2003	255	700	2.497	78.8	16.99	16.83	17.5	-0.164	0.506	0
15	2003	255	715	2.508	82.4	17.92	17.64	17.32	-0.282	-0.603	0
15	2003	255	730	3.391	94.3	18.64	18.29	17.71	-0.347	-0.931	0
15	2003	255	745	4.074	96.6	19.09	18.64	18.09	-0.446	-1.003	0
15	2003	255	800	3.435	106.9	19.6	19.09	18.42	-0.513	-1.179	0
15	2003	255	815	3.665	101	20.03	19.45	18.74	-0.571	-1.29	0
15	2003	255	830	3.515	114.6	20.5	19.84	19.13	-0.659	-1.371	0
15	2003	255	845	2.964	130.9	20.94	20.27	19.41	-0.671	-1.525	0
15	2003	255	900	2.815	155.4	21.62	20.93	19.99	-0.687	-1.625	0
15	2003	255	915	2.682	169.6	22.05	21.11	20.33	-0.931	-1.712	0
15	2003	255	930	3.034	168.8	22.26	21.48	20.65	-0.776	-1.612	0
15	2003	255	945	2.677	161.6	22.52	21.69	21.01	-0.832	-1.514	0
15	2003	255	1000	2.703	187.5	23.08	22.15	21.27	-0.928	-1.809	0
15	2003	255	1015	2.499	158.9	23.29	22.4	21.69	-0.887	-1.602	0
15	2003	255	1030	2.269	199.3	23.92	22.9	22.11	-1.019	-1.806	0
15	2003	255	1045	2.869	197.7	24.22	23.18	22.34	-1.039	-1.88	0
15	2003	255	1100	2.627	191.8	24.68	23.64	22.58	-1.04	-2.091	0
15	2003	255	1115	2.632	185.4	24.49	23.54	22.82	-0.949	-1.67	0
15	2003	255	1130	3.044	172.6	25.27	24.11	23.24	-1.168	-2.037	0
15	2003	255	1145	3.104	117.2	24.96	24.02	23.18	-0.947	-1.784	0
15	2003	255	1200	2.997	204.8	25.72	24.56	23.63	-1.158	-2.091	0
15	2003	255	1215	2.648	187.1	25.92	24.78	23.97	-1.139	-1.953	0

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TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	255	1230	3.788	203.2	26.57	25.26	24.33	-1.304	-2.24	0
15	2003	255	1245	3.494	199.8	26.46	25.2	24.26	-1.258	-2.201	0
15	2003	255	1300	3.874	196	26.64	25.49	24.66	-1.149	-1.981	0
15	2003	255	1315	3.78	184.5	26.71	25.59	24.63	-1.115	-2.082	0
15	2003	255	1330	4.119	159.5	27.3	26.02	24.99	-1.28	-2.311	0
15	2003	255	1345	4.817	217.7	27.65	26.27	25.32	-1.382	-2.328	0
15	2003	255	1400	3.501	189.1	27.48	26.31	25.33	-1.169	-2.148	0
15	2003	255	1415	4.221	203.7	27.89	26.69	25.51	-1.205	-2.379	0
15	2003	255	1430	4.397	194.7	27.75	26.58	25.67	-1.175	-2.076	0
15	2003	255	1445	3.812	192.7	27.88	26.72	25.79	-1.159	-2.087	0
15	2003	255	1500	4.633	216.6	28.18	26.96	26.04	-1.22	-2.14	0
15	2003	255	1515	2.988	226.6	27.68	26.78	26.03	-0.898	-1.645	0
15	2003	255	1530	3.33	200.7	27.87	26.97	26.12	-0.9	-1.752	0
15	2003	255	1545	2.566	228.1	27.7	26.84	26.14	-0.86	-1.561	0
15	2003	255	1600	3.263	194.8	28.01	27.15	26.52	-0.861	-1.499	0
15	2003	255	1615	2.813	204	27.95	27.21	26.42	-0.742	-1.534	0
15	2003	255	1630	4.041	195.3	28.18	27.55	26.63	-0.633	-1.549	0
15	2003	255	1645	4.206	174.8	27.71	27.13	26.44	-0.581	-1.273	0
15	2003	255	1700	4.323	173.7	27.68	27.13	26.42	-0.548	-1.255	0
15	2003	255	1715	4.011	167.4	27.49	27.08	26.45	-0.41	-1.04	0
15	2003	255	1730	3.347	170.5	27.16	26.96	26.38	-0.203	-0.78	0
15	2003	255	1745	4.015	166.3	26.76	26.81	26.39	0.049	-0.368	0
15	2003	255	1800	3.771	174.4	26.27	26.51	26.26	0.242	-0.005	0
15	2003	255	1815	3.364	164	25.6	26.05	26.05	0.446	0.445	0
15	2003	255	1830	3.386	157.4	24.86	25.45	25.73	0.59	0.876	0
15	2003	255	1845	3.579	153.3	24.62	25.09	25.58	0.469	0.963	0
15	2003	255	1900	3.131	142.3	23.77	24.37	25.24	0.598	1.473	0
15	2003	255	1915	3.498	139.9	23.2	23.81	25	0.608	1.8	0
15	2003	255	1930	3.716	142.6	23.27	23.8	24.86	0.521	1.583	0
15	2003	255	1945	3.51	140.8	22.98	23.49	24.63	0.518	1.652	0
15	2003	255	2000	3.461	137.7	22.44	23	24.54	0.556	2.099	0
15	2003	255	2015	4.09	136.6	22.35	22.83	24.02	0.476	1.663	0
15	2003	255	2030	4.611	139.9	22.45	22.8	23.46	0.343	1.009	0
15	2003	255	2045	5.025	146.7	22.64	22.98	23.32	0.337	0.676	0
15	2003	255	2100	4.965	147.9	22.62	22.96	23.2	0.342	0.577	0
15	2003	255	2115	5.386	151.8	22.68	22.98	23.16	0.301	0.476	0



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15	2003	255	2130	5.311	151.9	22.46	22.77	22.95	0.308	0.487	0
15	2003	255	2145	5.101	154.9	22.26	22.58	22.79	0.323	0.532	0
15	2003	255	2200	4.854	156.7	22.09	22.45	22.64	0.363	0.555	0
15	2003	255	2215	4.407	158.5	21.85	22.25	22.55	0.396	0.697	0
15	2003	255	2230	5.133	162.1	21.93	22.29	22.55	0.365	0.619	0
15	2003	255	2245	5.516	158.7	21.84	22.16	22.39	0.32	0.552	0
15	2003	255	2300	6.891	155.8	22.03	22.3	22.59	0.268	0.563	0
15	2003	255	2315	4.315	159.2	21.58	21.93	22.14	0.353	0.568	0
15	2003	255	2330	5.35	155.7	21.6	21.98	22.19	0.382	0.595	0
15	2003	255	2345	5.093	146.7	21.57	21.9	22.03	0.337	0.466	0
15	2003	255	2400	5.207	147.9	21.22	21.54	21.73	0.324	0.516	0
24	2003	255	2400	2255	14.4	1402	14.48	553	27.9	1606	-1.914
15	2003	256	15	4.391	139.9	20.7	21.16	21.4	0.462	0.699	0
15	2003	256	30	4.27	147.4	20.57	20.97	21.27	0.406	0.707	0
15	2003	256	45	4.167	146.2	20.18	20.62	21.11	0.446	0.931	0
15	2003	256	100	3.704	140.3	20.03	20.44	20.98	0.417	0.956	0
15	2003	256	115	3.892	145.5	19.68	20.11	20.73	0.432	1.053	0
15	2003	256	130	4.267	138.3	19.32	19.74	20.62	0.418	1.299	0
15	2003	256	145	3.793	135.2	18.85	19.3	20.37	0.458	1.522	0
15	2003	256	200	3.434	147.3	18.73	19.24	20.21	0.511	1.48	0
15	2003	256	215	3.577	152.5	18.66	19.23	20.1	0.563	1.436	0
15	2003	256	230	3.224	151.9	18.41	18.98	19.9	0.57	1.485	0
15	2003	256	245	2.967	144.8	18.1	18.7	19.6	0.597	1.494	0
15	2003	256	300	3.006	134.6	17.68	18.34	19.43	0.657	1.748	0
15	2003	256	315	3.263	124.4	17.62	18.1	19.1	0.478	1.474	0
15	2003	256	330	3.47	123.9	17.28	17.78	18.88	0.506	1.601	0
15	2003	256	345	3.793	119.4	17.03	17.53	18.91	0.502	1.887	0
15	2003	256	400	3.879	127	16.76	17.27	18.76	0.506	1.995	0
15	2003	256	415	3.641	126	16.51	17.01	18.65	0.497	2.138	0
15	2003	256	430	3.499	121.7	16.15	16.62	18.75	0.47	2.598	0
15	2003	256	445	3.318	119.9	15.91	16.39	18.96	0.48	3.05	0
15	2003	256	500	3.498	124.9	15.7	16.26	19.12	0.562	3.424	0
15	2003	256	515	3.805	119.6	15.68	16.24	18.65	0.553	2.962	0
15	2003	256	530	3.641	115.2	15.62	16.09	18.52	0.472	2.902	0
15	2003	256	545	3.386	119.7	15.47	15.92	18.57	0.454	3.105	0
15	2003	256	600	2.785	119.3	15.36	15.83	19.01	0.461	3.644	0

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15	2003	256	615	3.285	116.6	16.06	16.28	19.76	0.223	3.699	0
15	2003	256	630	2.98	118	16.98	16.98	19.43	-0.008	2.448	0
15	2003	256	645	2.408	131.6	17.94	17.69	18.96	-0.257	1.017	0
15	2003	256	700	2.242	137.3	18.84	18.44	18.7	-0.401	-0.136	0
15	2003	256	715	2.078	158.7	19.8	19.33	18.89	-0.47	-0.91	0
15	2003	256	730	1.702	163.7	20.42	19.96	19.41	-0.453	-1.011	0
15	2003	256	745	1.375	159.9	21.28	20.84	20.3	-0.442	-0.982	0
15	2003	256	800	1.52	214.1	22.11	21.63	21.04	-0.482	-1.072	0
15	2003	256	815	1.084	260.2	22.74	22.12	21.42	-0.623	-1.329	0
15	2003	256	830	2.145	299.9	23.15	22.69	22.09	-0.467	-1.066	0
15	2003	256	845	3.398	313.6	23.69	23.02	22.24	-0.67	-1.444	0
15	2003	256	900	4.71	313.5	23.89	23.09	22.15	-0.797	-1.735	0
15	2003	256	915	6.102	313.5	24.4	23.51	22.52	-0.892	-1.883	0
15	2003	256	930	6.567	318.9	24.71	23.69	22.64	-1.024	-2.067	0
15	2003	256	945	5.933	332.9	24.58	23.57	22.61	-1.009	-1.977	0
15	2003	256	1000	4.979	318.4	25.32	24.15	23.18	-1.175	-2.139	0
15	2003	256	1015	4.775	336	25.9	24.88	23.96	-1.01	-1.938	0
15	2003	256	1030	4.92	335.5	26.19	25.18	24.08	-1.009	-2.116	0
15	2003	256	1045	5.423	341	26.44	25.27	24.27	-1.169	-2.167	0
15	2003	256	1100	5.168	338.9	27.09	25.95	24.91	-1.147	-2.179	0
15	2003	256	1115	6.746	342.1	27.77	26.59	25.53	-1.172	-2.235	0
15	2003	256	1130	7.52	1.176	27.79	26.44	25.24	-1.35	-2.549	0
15	2003	256	1145	7.41	355.5	27.63	26.37	25.11	-1.263	-2.528	0
15	2003	256	1200	7.18	350.1	28.04	26.79	25.34	-1.257	-2.705	0
15	2003	256	1215	6.786	2.248	27.71	26.52	25.26	-1.19	-2.445	0
15	2003	256	1230	6.897	359.6	27.92	26.65	25.5	-1.269	-2.42	0
15	2003	256	1245	6.018	358.9	27.98	26.78	25.5	-1.202	-2.481	0
15	2003	256	1300	5.473	355.6	28.34	27.19	25.93	-1.15	-2.412	0
15	2003	256	1315	5.584	355.2	28.32	27.1	26.01	-1.221	-2.307	0
15	2003	256	1330	6.026	347.9	28.76	27.46	26.37	-1.299	-2.386	0
15	2003	256	1345	4.366	7.71	28.58	27.53	26.53	-1.049	-2.05	0
15	2003	256	1400	4.02	354.7	29.19	28.03	27.09	-1.168	-2.109	0
15	2003	256	1415	5.367	346.4	29.56	28.39	27.17	-1.167	-2.39	0
15	2003	256	1430	5.152	355.4	29.32	28.33	27.31	-0.987	-2.011	0
15	2003	256	1445	5.858	352.5	29.6	28.49	27.46	-1.105	-2.132	0
15	2003	256	1500	5.796	6.306	29.82	28.81	27.88	-1.004	-1.934	0

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15	2003	256	1515	5.595	3.047	29.75	28.74	27.83	-1.01	-1.915	0
15	2003	256	1530	5.025	16.5	29.7	28.82	27.87	-0.875	-1.825	0
15	2003	256	1545	4.923	21.38	29.69	28.85	27.92	-0.84	-1.771	0
15	2003	256	1600	5.68	12.84	29.58	28.81	27.85	-0.765	-1.728	0
15	2003	256	1615	5.813	18.49	29.41	28.69	27.82	-0.725	-1.591	0
15	2003	256	1630	5.329	25.62	29.38	28.76	28	-0.614	-1.372	0
15	2003	256	1645	5.521	26.79	29.08	28.53	27.82	-0.555	-1.265	0
15	2003	256	1700	5.658	22.08	28.99	28.56	27.83	-0.436	-1.168	0
15	2003	256	1715	6.033	19.25	28.71	28.39	27.78	-0.316	-0.925	0
15	2003	256	1730	6.186	14.91	28.36	28.19	27.63	-0.164	-0.732	0
15	2003	256	1745	6.372	11.15	27.86	27.81	27.37	-0.05	-0.494	0
15	2003	256	1800	5.362	4.944	27.38	27.45	27.16	0.064	-0.217	0
15	2003	256	1815	4.686	0.493	26.93	27.08	26.92	0.149	-0.002	0
15	2003	256	1830	5.616	8.8	26.56	26.68	26.53	0.124	-0.029	0
15	2003	256	1845	7.52	37.8	26.16	26.22	25.95	0.051	-0.219	0
15	2003	256	1900	8.43	44.9	25.28	25.29	24.98	0.009	-0.307	0
15	2003	256	1915	8.19	43.96	24.57	24.59	24.3	0.017	-0.277	0
15	2003	256	1930	9.43	47.83	24	23.99	23.68	-0.005	-0.314	0
15	2003	256	1945	9.03	48.5	23.4	23.41	23.1	0.002	-0.3	0
15	2003	256	2000	7.75	47.54	22.88	22.89	22.6	0.009	-0.278	0
15	2003	256	2015	9.03	47.93	22.5	22.5	22.19	-0.004	-0.312	0
15	2003	256	2030	8.74	50.36	22.14	22.14	21.85	0.003	-0.288	0
15	2003	256	2045	8.08	51.3	21.76	21.77	21.49	0.01	-0.269	0
15	2003	256	2100	8.07	53.43	21.5	21.51	21.25	0.017	-0.251	0
15	2003	256	2115	7.88	55.31	21.25	21.27	20.99	0.019	-0.257	0
15	2003	256	2130	7.69	57.17	20.96	20.97	20.72	0.011	-0.246	0
15	2003	256	2145	8.77	57.09	20.74	20.75	20.47	0.011	-0.27	0
15	2003	256	2200	8	57.75	20.48	20.49	20.22	0.011	-0.257	0
15	2003	256	2215	8.55	55.8	20.27	20.29	20.02	0.011	-0.251	0
15	2003	256	2230	7.87	49.32	20.06	20.08	19.81	0.015	-0.251	0
15	2003	256	2245	8.42	51.66	19.86	19.87	19.6	0.012	-0.254	0
15	2003	256	2300	8.56	48.82	19.64	19.65	19.38	0.009	-0.262	0
15	2003	256	2315	8.62	48.89	19.47	19.48	19.2	0.006	-0.275	0
15	2003	256	2330	8.13	46.92	19.32	19.33	19.06	0.01	-0.258	0
15	2003	256	2345	7.95	46.74	19.23	19.23	18.96	0	-0.273	0
15	2003	256	2400	7.75	47.02	19.27	19.25	18.96	-0.02	-0.311	0

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24	2003	256	2400	1920	19.91	1452	15.49	544	29.72	1424	-1.889
15	2003	257	15	8.23	47.88	19.46	19.44	19.14	-0.028	-0.324	0
15	2003	257	30	8.99	51.54	19.58	19.56	19.26	-0.016	-0.316	0
15	2003	257	45	8.63	52.98	19.61	19.6	19.3	-0.012	-0.306	0
15	2003	257	100	8.52	51.02	19.62	19.61	19.3	-0.006	-0.315	0
15	2003	257	115	8.37	51	19.55	19.56	19.27	0.007	-0.287	0
15	2003	257	130	8.46	51.58	19.47	19.49	19.21	0.02	-0.254	0
15	2003	257	145	8.06	51.73	19.27	19.28	19.01	0.014	-0.259	0
15	2003	257	200	8.45	53.99	19.17	19.16	18.84	-0.011	-0.328	0
15	2003	257	215	8.01	54.94	19.16	19.11	18.76	-0.048	-0.398	0
15	2003	257	230	9.03	57.36	19.04	18.97	18.58	-0.074	-0.46	0
15	2003	257	245	8.62	59.5	18.8	18.74	18.36	-0.059	-0.439	0
15	2003	257	300	9.6	64.15	18.46	18.42	18.05	-0.042	-0.41	0
15	2003	257	315	8.25	57.03	18.3	18.28	17.94	-0.028	-0.367	0
15	2003	257	330	7.91	57.36	18.07	18.05	17.73	-0.015	-0.335	0
15	2003	257	345	7.45	55.86	17.76	17.76	17.46	-0.001	-0.304	0
15	2003	257	400	6.886	50.54	17.52	17.52	17.25	0.006	-0.271	0
15	2003	257	415	6.819	49.83	17.45	17.47	17.2	0.021	-0.245	0
15	2003	257	430	7.34	58.64	17.56	17.58	17.32	0.02	-0.238	0
15	2003	257	445	7.17	53.46	17.49	17.51	17.24	0.019	-0.243	0
15	2003	257	500	8.05	52.04	17.29	17.3	17	0.004	-0.29	0
15	2003	257	515	7.03	53.91	17.07	17.09	16.82	0.018	-0.257	0
15	2003	257	530	7.84	58.5	16.95	16.96	16.68	0.013	-0.267	0
15	2003	257	545	7.76	57.93	16.88	16.88	16.62	0.006	-0.259	0
15	2003	257	600	7	61.05	16.84	16.83	16.56	0	-0.274	0
15	2003	257	615	7.32	61.7	17.12	17.02	16.62	-0.097	-0.501	0
15	2003	257	630	7.79	67.41	17.27	17.13	16.65	-0.143	-0.618	0
15	2003	257	645	7.14	58.92	17.21	17.08	16.6	-0.133	-0.61	0
15	2003	257	700	6.704	61.29	17.16	17.01	16.53	-0.142	-0.624	0
15	2003	257	715	6.327	58.13	17.09	16.92	16.42	-0.172	-0.673	0
15	2003	257	730	6.203	51.79	16.91	16.73	16.22	-0.179	-0.688	0
15	2003	257	745	6.076	57.36	16.82	16.61	16.05	-0.214	-0.771	0
15	2003	257	800	5.861	70.3	16.8	16.56	15.96	-0.236	-0.833	0
15	2003	257	815	6.757	62.31	16.76	16.51	15.88	-0.246	-0.881	0
15	2003	257	830	6.759	72.2	16.85	16.58	15.94	-0.277	-0.918	0
15	2003	257	845	6.682	63.67	16.93	16.61	15.88	-0.32	-1.047	0

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15	2003	257	900	7.26	64.91	16.99	16.6	15.88	-0.388	-1.112	0
15	2003	257	915	6.495	67.06	17.06	16.64	15.83	-0.429	-1.23	0
15	2003	257	930	5.397	68.13	17.24	16.78	16	-0.46	-1.235	0
15	2003	257	945	4.786	77.1	17.32	16.89	16.18	-0.433	-1.147	0
15	2003	257	1000	4.939	79.7	17.52	17.01	16.21	-0.515	-1.313	0
15	2003	257	1015	4.697	73.6	17.51	17.01	16.27	-0.494	-1.237	0
15	2003	257	1030	5.044	82.5	17.59	17.15	16.36	-0.444	-1.232	0
15	2003	257	1045	4.669	81.2	17.77	17.25	16.53	-0.519	-1.236	0
15	2003	257	1100	4.644	70.6	17.83	17.3	16.52	-0.537	-1.311	0
15	2003	257	1115	4.793	73.1	18.13	17.54	16.77	-0.587	-1.366	0
15	2003	257	1130	4.56	79	18.42	17.78	16.92	-0.641	-1.496	0
15	2003	257	1145	4.63	83.3	18.37	17.74	16.97	-0.634	-1.4	0
15	2003	257	1200	4.018	78.5	18.7	18	17.19	-0.703	-1.509	0
15	2003	257	1215	4.076	82.7	19.1	18.3	17.41	-0.8	-1.696	0
15	2003	257	1230	3.869	82.9	19.3	18.52	17.71	-0.781	-1.591	0
15	2003	257	1245	3.333	82	19.45	18.67	17.88	-0.774	-1.573	0
15	2003	257	1300	3.881	84	19.92	19.08	18.21	-0.831	-1.706	0
15	2003	257	1315	3.809	76.4	20.06	19.16	18.37	-0.901	-1.696	0
15	2003	257	1330	4.03	82.4	20.62	19.71	18.71	-0.911	-1.911	0
15	2003	257	1345	4.32	95.4	20.44	19.62	18.72	-0.811	-1.711	0
15	2003	257	1400	3.67	106.1	20.52	19.75	18.9	-0.766	-1.618	0
15	2003	257	1415	3.475	117.6	20.79	19.94	19.14	-0.853	-1.647	0
15	2003	257	1430	4.045	121.8	21.22	20.25	19.36	-0.974	-1.861	0
15	2003	257	1445	3.608	103	21.46	20.62	19.8	-0.839	-1.664	0
15	2003	257	1500	3.519	92.5	21.87	20.89	20.07	-0.985	-1.801	0
15	2003	257	1515	3.1	90	21.76	21	20.13	-0.763	-1.634	0
15	2003	257	1530	3.764	101.9	21.89	21.09	20.37	-0.8	-1.521	0
15	2003	257	1545	3.193	102.3	22	21.29	20.54	-0.714	-1.465	0
15	2003	257	1600	3.481	118.8	22.09	21.4	20.65	-0.687	-1.437	0
15	2003	257	1615	3.923	123.7	21.92	21.27	20.64	-0.658	-1.28	0
15	2003	257	1630	3.734	108.8	21.97	21.37	20.61	-0.598	-1.356	0
15	2003	257	1645	3.943	119.8	21.96	21.37	20.75	-0.591	-1.218	0
15	2003	257	1700	4.461	108.3	22.15	21.54	20.8	-0.607	-1.352	0
15	2003	257	1715	4.474	105.8	21.74	21.3	20.69	-0.439	-1.054	0
15	2003	257	1730	4.307	113.4	21.4	21.12	20.54	-0.284	-0.86	0
15	2003	257	1745	3.876	118.5	21.03	20.89	20.39	-0.138	-0.643	0

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15	2003	257	1800	4.263	129.4	20.61	20.57	20.14	-0.039	-0.47	0
15	2003	257	1815	4.37	129.8	20.46	20.45	20.05	-0.013	-0.407	0
15	2003	257	1830	3.975	130.5	20.1	20.19	19.9	0.084	-0.205	0
15	2003	257	1845	3.48	129.9	19.7	19.88	19.73	0.181	0.023	0
15	2003	257	1900	2.507	129.1	19.12	19.53	19.52	0.414	0.408	0
15	2003	257	1915	2.256	124.7	18.29	19.08	19.39	0.786	1.103	0
15	2003	257	1930	2.443	110.8	17.71	18.8	19.46	1.082	1.747	0
15	2003	257	1945	2.632	102	17.36	18.31	19.3	0.947	1.941	0
15	2003	257	2000	2.655	100.7	17.62	18.13	19.31	0.509	1.684	0
15	2003	257	2015	2.697	109.4	17.53	18.03	19.11	0.494	1.578	0
15	2003	257	2030	2.689	110	17.31	17.74	18.68	0.425	1.363	0
15	2003	257	2045	2.753	116.5	16.88	17.33	18.78	0.448	1.898	0
15	2003	257	2100	2.802	112.3	16.69	17.18	18.7	0.489	2.011	0
15	2003	257	2115	3.003	112	16.69	17.11	18.35	0.427	1.669	0
15	2003	257	2130	3.455	114.6	16.68	16.99	17.9	0.313	1.222	0
15	2003	257	2145	3.143	118.1	16.48	16.83	17.5	0.35	1.018	0
15	2003	257	2200	3.171	116.5	16.4	16.78	17.22	0.383	0.825	0
15	2003	257	2215	3.328	115.4	16.26	16.61	17.05	0.345	0.785	0
15	2003	257	2230	3.477	116	16.15	16.42	16.83	0.27	0.677	0
15	2003	257	2245	3.34	110.5	15.93	16.21	16.61	0.277	0.677	0
15	2003	257	2300	3.788	113	15.84	16.06	16.41	0.221	0.567	0
15	2003	257	2315	3.439	106.3	15.53	15.74	16.1	0.207	0.572	0
15	2003	257	2330	3.817	106	15.4	15.59	15.84	0.191	0.441	0
15	2003	257	2345	3.943	107	15.31	15.47	15.64	0.155	0.333	0
15	2003	257	2400	4.656	106.5	15.61	15.6	15.54	-0.014	-0.07	0
24	2003	257	2400	19	16.46	1457	15.37	2337	21.87	1657	-1.423
15	2003	258	15	5.295	113.4	16.11	16.03	15.79	-0.078	-0.317	0
15	2003	258	30	4.603	118.2	16.46	16.38	16.07	-0.08	-0.394	0
15	2003	258	45	4.425	117.3	16.78	16.69	16.34	-0.087	-0.437	0
15	2003	258	100	4.074	120.2	16.99	16.91	16.55	-0.081	-0.443	0
15	2003	258	115	4.672	118.1	17.17	17.08	16.67	-0.091	-0.5	0
15	2003	258	130	4.604	122.8	17.19	17.09	16.68	-0.1	-0.512	0
15	2003	258	145	4.882	126.5	17.18	17.09	16.68	-0.097	-0.501	0
15	2003	258	200	4.199	123.9	17.22	17.12	16.71	-0.096	-0.51	0
15	2003	258	215	3.986	141.6	17.26	17.15	16.73	-0.106	-0.524	0
15	2003	258	230	3.754	138	17.28	17.18	16.78	-0.099	-0.508	0

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15	2003	258	245	3.823	126.5	17.33	17.23	16.82	-0.092	-0.511	0
15	2003	258	300	3.563	125.5	17.33	17.23	16.8	-0.098	-0.524	0
15	2003	258	315	3.19	132.7	17.33	17.24	16.81	-0.092	-0.515	0
15	2003	258	330	3.136	148.2	17.35	17.27	16.84	-0.084	-0.513	0
15	2003	258	345	3.476	150.4	17.36	17.26	16.84	-0.094	-0.519	0
15	2003	258	400	3.481	149.2	17.35	17.26	16.84	-0.088	-0.516	0
15	2003	258	415	3.267	144.4	17.33	17.24	16.82	-0.091	-0.513	0
15	2003	258	430	2.666	142.3	17.34	17.25	16.84	-0.085	-0.498	0
15	2003	258	445	2.855	139.1	17.41	17.32	16.92	-0.087	-0.493	0
15	2003	258	500	3.255	136.3	17.44	17.35	16.93	-0.096	-0.51	0
15	2003	258	515	3.001	137.1	17.45	17.35	16.95	-0.096	-0.503	0
15	2003	258	530	3.579	147.6	17.47	17.37	16.96	-0.098	-0.514	0
15	2003	258	545	3.405	142.2	17.46	17.36	16.95	-0.1	-0.515	0
15	2003	258	600	3.379	139.1	17.43	17.32	16.89	-0.111	-0.537	0
15	2003	258	615	3.494	140.3	17.45	17.32	16.88	-0.133	-0.576	0
15	2003	258	630	3.553	138.1	17.55	17.37	16.88	-0.178	-0.665	0
15	2003	258	645	3.483	135.1	17.67	17.45	16.92	-0.223	-0.756	0
15	2003	258	700	3.967	141	17.82	17.56	17.02	-0.262	-0.805	0
15	2003	258	715	4.19	145.7	17.99	17.69	17.15	-0.293	-0.839	0
15	2003	258	730	4.557	146.5	18.22	17.87	17.3	-0.35	-0.926	0
15	2003	258	745	4.299	146.6	18.54	18.09	17.47	-0.453	-1.069	0
15	2003	258	800	4.09	146.4	18.94	18.4	17.73	-0.546	-1.209	0
15	2003	258	815	4.331	144.3	19.18	18.52	17.8	-0.66	-1.379	0
15	2003	258	830	3.911	152.3	19.51	18.76	18.05	-0.744	-1.453	0
15	2003	258	845	3.866	156	19.72	18.96	18.19	-0.757	-1.526	0
15	2003	258	900	4.192	155.1	20.17	19.23	18.45	-0.944	-1.727	0
15	2003	258	915	4.023	163.5	20.28	19.45	18.7	-0.836	-1.584	0
15	2003	258	930	3.51	155.3	21.25	20.18	19.23	-1.065	-2.014	0
15	2003	258	945	3.451	162.5	21.2	20.24	19.5	-0.958	-1.703	0
15	2003	258	1000	3.698	177.8	22.19	20.99	20.11	-1.203	-2.082	0
15	2003	258	1015	3.547	170.6	22.74	21.52	20.54	-1.22	-2.202	0
15	2003	258	1030	3.659	176.5	23.5	22.28	21.15	-1.213	-2.35	0
15	2003	258	1045	4.106	170.8	23.84	22.42	21.4	-1.417	-2.445	0
15	2003	258	1100	4.424	174	24.59	23.15	21.99	-1.439	-2.601	0
15	2003	258	1115	4.911	178	24.97	23.58	22.42	-1.388	-2.553	0
15	2003	258	1130	5.049	183.7	25.33	23.88	22.86	-1.451	-2.462	0

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15	2003	258	1145	4.811	190.7	25.86	24.27	23.16	-1.587	-2.697	0
15	2003	258	1200	5.224	190.4	26.38	24.84	23.7	-1.537	-2.685	0
15	2003	258	1215	5.744	188	27.12	25.5	24.27	-1.621	-2.85	0
15	2003	258	1230	5.876	187.4	27.15	25.52	24.29	-1.633	-2.865	0
15	2003	258	1245	5.532	181.6	27.59	25.96	24.73	-1.629	-2.862	0
15	2003	258	1300	4.78	185.4	27.55	26.15	24.96	-1.406	-2.592	0
15	2003	258	1315	5.802	189.4	28.41	26.71	25.48	-1.709	-2.938	0
15	2003	258	1330	5.504	178.1	28.57	27.08	25.84	-1.487	-2.733	0
15	2003	258	1345	6.087	194.9	28.81	27.23	26.16	-1.589	-2.657	0
15	2003	258	1400	5.393	188.1	29.05	27.63	26.58	-1.425	-2.474	0
15	2003	258	1415	5.674	185.3	29.44	28.02	27.01	-1.424	-2.428	0
15	2003	258	1430	5.88	178.5	29.74	28.37	27.26	-1.378	-2.48	0
15	2003	258	1445	5.582	188.9	30.28	28.83	27.64	-1.448	-2.644	0
15	2003	258	1500	6.066	186.9	30.32	28.96	27.93	-1.353	-2.391	0
15	2003	258	1515	5.602	186.3	30.74	29.47	28.34	-1.271	-2.399	0
15	2003	258	1530	6.238	182.2	30.52	29.4	28.32	-1.121	-2.2	0
15	2003	258	1545	6.589	183.1	30.63	29.57	28.63	-1.062	-1.997	0
15	2003	258	1600	6.24	183.7	30.57	29.63	28.61	-0.939	-1.956	0
15	2003	258	1615	6.711	176.5	30.46	29.61	28.8	-0.844	-1.663	0
15	2003	258	1630	5.612	178.4	30.55	29.91	28.98	-0.647	-1.574	0
15	2003	258	1645	6.501	177	30.19	29.61	28.81	-0.572	-1.375	0
15	2003	258	1700	6.232	178.3	29.99	29.54	28.82	-0.444	-1.163	0
15	2003	258	1715	6.584	168.8	29.63	29.34	28.71	-0.289	-0.917	0
15	2003	258	1730	6.446	174.1	29.2	29.08	28.54	-0.12	-0.66	0
15	2003	258	1745	6.079	166.8	28.57	28.63	28.25	0.065	-0.317	0
15	2003	258	1800	5.999	162.3	27.96	28.11	27.85	0.148	-0.119	0
15	2003	258	1815	5.192	161.1	27.38	27.62	27.51	0.234	0.131	0
15	2003	258	1830	5.553	153.1	27	27.23	27.17	0.227	0.173	0
15	2003	258	1845	4.671	150.6	26.46	26.74	26.81	0.274	0.343	0
15	2003	258	1900	4.619	145.3	25.91	26.23	26.42	0.313	0.501	0
15	2003	258	1915	4.996	144.2	25.68	25.98	26.2	0.302	0.521	0
15	2003	258	1930	5.144	138.2	25.28	25.55	25.7	0.27	0.416	0
15	2003	258	1945	5.82	137.8	25.03	25.25	25.37	0.213	0.336	0
15	2003	258	2000	6.159	137.8	24.82	25.04	25.03	0.22	0.206	0
15	2003	258	2015	6.594	136	24.46	24.62	24.54	0.161	0.089	0
15	2003	258	2030	6.566	136.7	24.13	24.31	24.25	0.175	0.112	0



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15	2003	258	2045	6.695	136.6	23.93	24.08	23.99	0.156	0.063	0
15	2003	258	2100	7.09	138.5	23.67	23.81	23.67	0.14	-0.006	0
15	2003	258	2115	7.54	137.4	23.37	23.5	23.34	0.132	-0.034	0
15	2003	258	2130	7.39	141.3	23.02	23.14	22.97	0.119	-0.051	0
15	2003	258	2145	7.65	141.3	22.68	22.8	22.63	0.116	-0.058	0
15	2003	258	2200	7.34	141.2	22.33	22.46	22.3	0.124	-0.032	0
15	2003	258	2215	7.14	140.1	22.01	22.13	22	0.116	-0.017	0
15	2003	258	2230	7.13	140.8	21.77	21.88	21.72	0.107	-0.051	0
15	2003	258	2245	6.327	143.2	21.38	21.51	21.38	0.13	0.001	0
15	2003	258	2300	6.412	141.3	21.12	21.25	21.1	0.128	-0.017	0
15	2003	258	2315	6.435	140.8	20.89	21.02	20.88	0.129	-0.002	0
15	2003	258	2330	6.293	142.9	20.65	20.76	20.63	0.11	-0.026	0
15	2003	258	2345	6.276	145.5	20.47	20.59	20.44	0.125	-0.025	0
15	2003	258	2400	5.802	146	20.23	20.36	20.23	0.13	-0.004	0
24	2003	258	2400	2102	14.31	1512	15.68	0	30.3	1628	-2.331
15	2003	259	15	5.84	144.8	20	20.14	20.04	0.138	0.038	0
15	2003	259	30	5.344	146.7	19.79	19.93	19.86	0.138	0.064	0
15	2003	259	45	4.625	150.7	19.62	19.79	19.73	0.163	0.109	0
15	2003	259	100	4.837	146.6	19.51	19.67	19.65	0.161	0.145	0
15	2003	259	115	4.664	146.7	19.35	19.51	19.5	0.168	0.156	0
15	2003	259	130	4.572	141	19.17	19.37	19.48	0.198	0.309	0
15	2003	259	145	4.009	145.7	18.88	19.12	19.3	0.242	0.428	0
15	2003	259	200	3.897	149.9	18.65	18.91	19.26	0.256	0.615	0
15	2003	259	215	3.973	143.2	18.46	18.75	19.25	0.292	0.793	0
15	2003	259	230	4.139	128.8	18.09	18.35	19.15	0.261	1.061	0
15	2003	259	245	3.64	124.5	17.78	18.02	18.82	0.236	1.037	0
15	2003	259	300	4.565	123.6	17.69	17.92	18.79	0.227	1.098	0
15	2003	259	315	3.389	134.4	17.5	17.68	18.44	0.175	0.935	0
15	2003	259	330	2.994	130.7	17.29	17.47	18	0.179	0.711	0
15	2003	259	345	3.282	134	17.15	17.34	17.94	0.195	0.789	0
15	2003	259	400	3.759	137.3	17.1	17.33	18.19	0.225	1.084	0
15	2003	259	415	4.185	136.3	17.04	17.29	18.23	0.247	1.19	0
15	2003	259	430	4.574	136.2	17.03	17.24	18.14	0.207	1.111	0
15	2003	259	445	4.275	133.9	16.86	17.06	17.88	0.192	1.013	0
15	2003	259	500	3.989	138.2	16.74	16.96	17.76	0.222	1.017	0
15	2003	259	515	4.277	136.8	16.64	16.88	17.8	0.234	1.155	0

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15	2003	259	530	4.14	141	16.62	16.84	17.77	0.222	1.151	0
15	2003	259	545	4.752	138.8	16.66	16.88	17.94	0.218	1.282	0
15	2003	259	600	4.92	136.3	16.85	17.01	17.91	0.165	1.069	0
15	2003	259	615	3.961	140.9	17.38	17.45	17.94	0.07	0.559	0
15	2003	259	630	3.628	144.4	18.3	18.25	18.22	-0.045	-0.07	0
15	2003	259	645	3.733	150.5	19.19	18.98	18.68	-0.209	-0.506	0
15	2003	259	700	3.349	150.5	20.02	19.7	19.17	-0.327	-0.852	0
15	2003	259	715	3.513	157.9	21.05	20.61	20.04	-0.442	-1.005	0
15	2003	259	730	4.312	169	22	21.45	20.92	-0.549	-1.078	0
15	2003	259	745	4.434	173.9	22.87	22.23	21.62	-0.642	-1.247	0
15	2003	259	800	4.387	181.8	23.59	22.84	22.12	-0.745	-1.465	0
15	2003	259	815	3.999	196.1	24.52	23.68	22.84	-0.834	-1.673	0
15	2003	259	830	3.723	205.5	24.97	24.07	23.2	-0.897	-1.767	0
15	2003	259	845	3.279	204.7	25.01	24.31	23.56	-0.697	-1.447	0
15	2003	259	900	2.923	203.1	25.76	24.85	24.17	-0.904	-1.584	0
15	2003	259	915	3.191	200.5	26.87	25.85	24.97	-1.019	-1.905	0
15	2003	259	930	3.933	206.8	27.83	26.68	25.77	-1.147	-2.056	0
15	2003	259	945	3.517	208.5	28.68	27.55	26.43	-1.133	-2.248	0
15	2003	259	1000	3.669	190.8	29.1	27.9	27.03	-1.205	-2.072	0
15	2003	259	1015	4.016	198.5	29.83	28.58	27.67	-1.249	-2.159	0
15	2003	259	1030	3.836	190.8	30.79	29.37	28.3	-1.42	-2.492	0
15	2003	259	1045	4.049	198.7	31.3	29.95	28.94	-1.352	-2.363	0
15	2003	259	1100	4.356	196.6	31.97	30.59	29.52	-1.373	-2.444	0
15	2003	259	1115	5.12	193.9	32.29	30.88	29.79	-1.412	-2.498	0
15	2003	259	1130	5.54	192.5	32.86	31.35	30.22	-1.509	-2.64	0
15	2003	259	1145	4.652	204.7	32.94	31.55	30.44	-1.389	-2.496	0
15	2003	259	1200	4.768	186.8	33.29	31.75	30.6	-1.542	-2.69	0
15	2003	259	1215	4.511	199.2	33.58	32.01	30.88	-1.572	-2.705	0
15	2003	259	1230	4.46	187.8	33.62	32.14	31.05	-1.479	-2.578	0
15	2003	259	1245	4.051	179.7	33.59	32.16	31.19	-1.43	-2.398	0
15	2003	259	1300	4.821	178.3	33.87	32.47	31.45	-1.397	-2.414	0
15	2003	259	1315	5.136	184.4	34.03	32.53	31.46	-1.503	-2.569	0
15	2003	259	1330	5.047	183.3	34.23	32.8	31.72	-1.426	-2.511	0
15	2003	259	1345	5.243	161.8	34.18	32.72	31.7	-1.459	-2.486	0
15	2003	259	1400	5.324	161.7	34.32	32.89	31.79	-1.436	-2.533	0
15	2003	259	1415	5.993	176.4	34.32	32.9	31.86	-1.416	-2.46	0

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15	2003	259	1430	5.55	161.6	34.29	32.9	31.89	-1.39	-2.399	0
15	2003	259	1445	6.049	171.2	34.21	32.96	31.97	-1.25	-2.241	0
15	2003	259	1500	5.002	161.6	34.01	32.87	31.84	-1.141	-2.165	0
15	2003	259	1515	4.931	171.9	33.97	32.89	31.92	-1.08	-2.05	0
15	2003	259	1530	5.428	158.1	34.01	32.97	31.95	-1.035	-2.058	0
15	2003	259	1545	5.366	162.7	34.01	33.03	32.09	-0.98	-1.92	0
15	2003	259	1600	6.059	162.7	33.72	32.86	31.95	-0.859	-1.772	0
15	2003	259	1615	6.508	168.2	33.51	32.76	32.02	-0.754	-1.499	0
15	2003	259	1630	5.83	163.7	33.24	32.64	31.84	-0.608	-1.403	0
15	2003	259	1645	6.817	157.9	32.91	32.46	31.66	-0.447	-1.246	0
15	2003	259	1700	6.77	165.1	32.6	32.24	31.55	-0.358	-1.044	0
15	2003	259	1715	6.899	162.7	32.04	31.81	31.22	-0.227	-0.816	0
15	2003	259	1730	7.9	153.9	31.41	31.33	30.87	-0.079	-0.539	0
15	2003	259	1745	7.46	153	30.72	30.81	30.48	0.089	-0.242	0
15	2003	259	1800	6.603	153.4	29.97	30.17	29.97	0.198	0	0
15	2003	259	1815	6.684	148.1	29.33	29.55	29.42	0.225	0.096	0
15	2003	259	1830	6.276	146.1	28.7	28.94	28.9	0.239	0.2	0
15	2003	259	1845	6.209	144.6	28.15	28.4	28.4	0.246	0.243	0
15	2003	259	1900	5.965	146.2	27.67	27.95	27.99	0.28	0.319	0
15	2003	259	1915	6.371	142.8	27.33	27.62	27.69	0.282	0.356	0
15	2003	259	1930	6.789	141.2	27.02	27.25	27.29	0.238	0.271	0
15	2003	259	1945	7.24	139.6	26.57	26.75	26.68	0.177	0.103	0
15	2003	259	2000	7.82	147	26.18	26.33	26.16	0.149	-0.017	0
15	2003	259	2015	7.56	146	25.76	25.9	25.75	0.148	-0.004	0
15	2003	259	2030	8.29	144.3	25.44	25.58	25.43	0.139	-0.018	0
15	2003	259	2045	7.88	144.6	25.11	25.25	25.06	0.134	-0.052	0
15	2003	259	2100	7.91	149.1	24.81	24.93	24.76	0.123	-0.047	0
15	2003	259	2115	7.98	147.4	24.48	24.6	24.43	0.128	-0.045	0
15	2003	259	2130	8.22	151.8	24.16	24.28	24.06	0.122	-0.093	0
15	2003	259	2145	7.75	151.9	23.75	23.88	23.69	0.129	-0.065	0
15	2003	259	2200	7.74	153.8	23.43	23.54	23.32	0.114	-0.106	0
15	2003	259	2215	7.9	153.5	23.1	23.2	22.96	0.1	-0.134	0
15	2003	259	2230	7.72	153.2	22.79	22.9	22.68	0.114	-0.106	0
15	2003	259	2245	7.67	156.1	22.51	22.62	22.38	0.114	-0.126	0
15	2003	259	2300	7.46	152.2	22.18	22.31	22.11	0.13	-0.076	0
15	2003	259	2315	7.32	147.4	21.94	22.06	21.84	0.114	-0.105	0

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15	2003	259	2330	7.91	145.3	21.69	21.78	21.58	0.091	-0.109	0
15	2003	259	2345	8.21	143.5	21.43	21.52	21.3	0.09	-0.126	0
15	2003	259	2400	7.54	144.1	21.21	21.3	21.08	0.092	-0.122	0
24	2003	259	2400	2116	15.72	1329	16.71	524	33.79	1329	-2.183
15	2003	260	15	6.26	150.1	20.99	21.11	20.86	0.113	-0.133	0
15	2003	260	30	5.214	160.4	20.74	20.9	20.69	0.156	-0.05	0
15	2003	260	45	6.151	148.9	20.56	20.71	20.52	0.146	-0.042	0
15	2003	260	100	6.061	148.6	20.38	20.51	20.33	0.13	-0.049	0
15	2003	260	115	6.407	146.5	20.21	20.35	20.17	0.141	-0.038	0
15	2003	260	130	6.493	141.3	20.06	20.2	20.04	0.133	-0.023	0
15	2003	260	145	6.378	139.7	19.9	20.02	19.88	0.127	-0.015	0
15	2003	260	200	5.609	141.4	19.68	19.81	19.71	0.138	0.032	0
15	2003	260	215	6.545	142.4	19.62	19.75	19.61	0.128	-0.012	0
15	2003	260	230	6.384	141.6	19.47	19.61	19.51	0.135	0.035	0
15	2003	260	245	6.41	140.9	19.33	19.48	19.38	0.142	0.042	0
15	2003	260	300	5.971	141.1	19.14	19.3	19.26	0.159	0.114	0
15	2003	260	315	5.962	139.6	19.02	19.17	19.14	0.147	0.12	0
15	2003	260	330	5.571	136.7	18.79	18.95	18.99	0.155	0.203	0
15	2003	260	345	5.261	133.6	18.54	18.75	18.87	0.205	0.328	0
15	2003	260	400	5.387	136.2	18.47	18.64	18.78	0.167	0.311	0
15	2003	260	415	4.822	131.8	18.25	18.43	18.64	0.184	0.389	0
15	2003	260	430	4.317	134.1	17.98	18.18	18.5	0.205	0.527	0
15	2003	260	445	4.236	133.1	17.82	18.03	18.32	0.214	0.5	0
15	2003	260	500	3.7	132.3	17.59	17.82	18.33	0.233	0.737	0
15	2003	260	515	4.32	130.2	17.56	17.81	18.49	0.256	0.936	0
15	2003	260	530	4.494	127.6	17.63	17.87	18.44	0.238	0.805	0
15	2003	260	545	3.777	130.4	17.45	17.72	18.24	0.264	0.782	0
15	2003	260	600	4.155	134.1	17.46	17.69	18.08	0.23	0.621	0
15	2003	260	615	4.282	130.2	17.71	17.8	18.08	0.083	0.367	0
15	2003	260	630	4.326	129.4	18.26	18.19	18.17	-0.076	-0.093	0
15	2003	260	645	4.77	132.7	18.97	18.76	18.46	-0.213	-0.507	0
15	2003	260	700	4.596	138.9	19.72	19.36	18.81	-0.365	-0.912	0
15	2003	260	715	4.575	136.9	20.42	19.95	19.28	-0.478	-1.148	0
15	2003	260	730	4.792	140.5	21.16	20.56	19.84	-0.6	-1.32	0
15	2003	260	745	4.68	135.2	21.75	21.03	20.22	-0.718	-1.532	0
15	2003	260	800	4.692	139.9	22.39	21.57	20.79	-0.815	-1.601	0

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15	2003	260	815	4.355	140.3	23.24	22.33	21.43	-0.914	-1.817	0
15	2003	260	830	4.307	149.9	23.83	22.94	22.1	-0.887	-1.73	0
15	2003	260	845	4.231	153	24.64	23.68	22.69	-0.961	-1.949	0
15	2003	260	900	4.658	153.1	25.13	24.08	23.15	-1.047	-1.977	0
15	2003	260	915	4.608	166	25.96	24.87	23.9	-1.091	-2.063	0
15	2003	260	930	4.304	152.3	26.64	25.47	24.48	-1.173	-2.159	0
15	2003	260	945	4.146	160.5	27.22	26.05	25.1	-1.167	-2.123	0
15	2003	260	1000	3.912	155.7	28.21	26.98	25.9	-1.231	-2.31	0
15	2003	260	1015	3.957	168.5	28.86	27.48	26.56	-1.38	-2.307	0
15	2003	260	1030	4.307	160.1	29.73	28.34	27.21	-1.392	-2.524	0
15	2003	260	1045	4.643	166.6	30.04	28.68	27.69	-1.366	-2.353	0
15	2003	260	1100	4.567	156	30.66	29.23	28.1	-1.431	-2.565	0
15	2003	260	1115	4.764	166.9	31.21	29.8	28.69	-1.409	-2.52	0
15	2003	260	1130	4.771	169.3	31.74	30.11	29.02	-1.625	-2.714	0
15	2003	260	1145	5.012	151.3	32.14	30.52	29.33	-1.623	-2.817	0
15	2003	260	1200	4.982	167.2	32.52	31.01	30	-1.511	-2.519	0
15	2003	260	1215	5.639	158.2	32.8	31.17	30.24	-1.625	-2.558	0
15	2003	260	1230	5.246	151.5	33.21	31.71	30.59	-1.497	-2.615	0
15	2003	260	1245	5.379	164.8	33.45	31.91	30.82	-1.544	-2.631	0
15	2003	260	1300	5.194	160.2	33.69	32.19	31.18	-1.496	-2.506	0
15	2003	260	1315	4.155	178.2	33.81	32.4	31.44	-1.409	-2.367	0
15	2003	260	1330	4.391	157.1	34.18	32.85	31.79	-1.339	-2.393	0
15	2003	260	1345	4.148	191.6	34.23	32.85	31.9	-1.38	-2.327	0
15	2003	260	1400	4.715	183.1	34.34	33.12	32	-1.222	-2.346	0
15	2003	260	1415	4.555	170.6	34.56	33.36	32.31	-1.2	-2.255	0
15	2003	260	1430	4.577	181.6	34.39	33.24	32.3	-1.157	-2.093	0
15	2003	260	1445	4.084	199.2	34.62	33.53	32.58	-1.088	-2.033	0
15	2003	260	1500	4.19	146.1	34.6	33.4	32.32	-1.197	-2.286	0
15	2003	260	1515	5.44	139.7	34.42	33.22	32.31	-1.192	-2.109	0
15	2003	260	1530	4.785	163	34.53	33.4	32.53	-1.122	-2	0
15	2003	260	1545	5.222	156.2	34.4	33.38	32.41	-1.026	-1.992	0
15	2003	260	1600	4.813	174.2	34.36	33.44	32.47	-0.923	-1.89	0
15	2003	260	1615	5.045	155.8	34.25	33.44	32.58	-0.808	-1.669	0
15	2003	260	1630	5.895	142.9	33.85	33.14	32.29	-0.706	-1.562	0
15	2003	260	1645	5.872	159.8	33.52	33.01	32.24	-0.505	-1.274	0
15	2003	260	1700	5.28	162.6	33.11	32.81	32.17	-0.293	-0.937	0

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15	2003	260	1715	6.026	151.7	32.86	32.62	32.07	-0.239	-0.792	0
15	2003	260	1730	6.905	142.6	32.21	32.1	31.6	-0.109	-0.611	0
15	2003	260	1745	6.808	142.9	31.51	31.56	31.19	0.048	-0.322	0
15	2003	260	1800	6.012	143.8	30.89	31.06	30.82	0.163	-0.072	0
15	2003	260	1815	7.58	142.9	30	30.11	29.85	0.113	-0.153	0
15	2003	260	1830	7.9	138.8	29.03	29.07	28.77	0.046	-0.257	0
15	2003	260	1845	8.7	140.4	28.39	28.44	28.15	0.051	-0.245	0
15	2003	260	1900	8.37	140.2	27.89	27.94	27.67	0.057	-0.216	0
15	2003	260	1915	8.38	140.9	27.44	27.52	27.25	0.073	-0.193	0
15	2003	260	1930	8.91	138.7	27.04	27.1	26.83	0.065	-0.207	0
15	2003	260	1945	8.8	141.4	26.57	26.63	26.36	0.064	-0.211	0
15	2003	260	2000	9.14	143.4	26.09	26.13	25.83	0.037	-0.26	0
15	2003	260	2015	9.21	142.1	25.63	25.67	25.39	0.042	-0.245	0
15	2003	260	2030	9.04	144	25.14	25.18	24.88	0.036	-0.26	0
15	2003	260	2045	8.85	141	24.62	24.66	24.35	0.034	-0.272	0
15	2003	260	2100	9.77	142.1	24.25	24.27	23.95	0.022	-0.296	0
15	2003	260	2115	8.94	142.8	23.86	23.87	23.57	0.014	-0.288	0
15	2003	260	2130	8.41	144.1	23.48	23.51	23.2	0.032	-0.279	0
15	2003	260	2145	8.57	148.3	23.21	23.25	22.94	0.035	-0.268	0
15	2003	260	2200	8.5	146.1	22.92	22.96	22.68	0.038	-0.243	0
15	2003	260	2215	8.01	141	22.63	22.68	22.42	0.047	-0.217	0
15	2003	260	2230	7.08	140.8	22.37	22.42	22.17	0.048	-0.199	0
15	2003	260	2245	7.75	141	22.16	22.2	21.94	0.048	-0.212	0
15	2003	260	2300	7.54	138.1	21.92	21.98	21.72	0.056	-0.196	0
15	2003	260	2315	7.52	139.3	21.73	21.77	21.52	0.044	-0.207	0
15	2003	260	2330	7.6	137.3	21.51	21.56	21.34	0.053	-0.169	0
15	2003	260	2345	6.951	137.7	21.29	21.35	21.12	0.058	-0.169	0
15	2003	260	2400	7.54	135	21.08	21.14	20.93	0.058	-0.151	0
24	2003	260	2400	2049	16.7	1450	17.57	544	34.3	1435	-2.208
15	2003	261	15	7.29	138.7	20.88	20.94	20.76	0.065	-0.115	0
15	2003	261	30	6.874	141.3	20.75	20.8	20.64	0.052	-0.106	0
15	2003	261	45	5.966	146	20.61	20.69	20.57	0.077	-0.04	0
15	2003	261	100	6.122	146.5	20.47	20.56	20.48	0.089	0.014	0
15	2003	261	115	6.585	143.8	20.42	20.5	20.45	0.082	0.036	0
15	2003	261	130	5.916	145.5	20.26	20.35	20.38	0.09	0.116	0
15	2003	261	145	5.818	140.6	20.11	20.22	20.3	0.101	0.181	0

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15	2003	261	200	5.318	144	19.95	20.06	20.24	0.112	0.297	0
15	2003	261	215	5.421	143.2	19.87	19.99	20.23	0.117	0.363	0
15	2003	261	230	5.006	140.8	19.7	19.86	20.22	0.161	0.524	0
15	2003	261	245	4.876	151.1	19.65	19.84	20.26	0.194	0.608	0
15	2003	261	300	4.406	155	19.41	19.63	20.18	0.227	0.775	0
15	2003	261	315	4.277	145.4	19.21	19.42	20.03	0.213	0.821	0
15	2003	261	330	3.89	144	18.98	19.23	20.14	0.258	1.16	0
15	2003	261	345	4.176	145.2	18.86	19.15	20.04	0.296	1.183	0
15	2003	261	400	3.437	150.1	18.62	18.9	19.83	0.282	1.212	0
15	2003	261	415	2.319	153.7	18.33	18.68	19.86	0.349	1.528	0
15	2003	261	430	2.458	144.7	18.1	18.63	20.04	0.528	1.942	0
15	2003	261	445	2.456	152.6	17.77	18.47	19.87	0.7	2.096	0
15	2003	261	500	1.934	135.4	17.59	18.17	19.88	0.578	2.293	0
15	2003	261	515	0.479	104.3	17.12	17.84	19.47	0.721	2.346	0
15	2003	261	530	1.681	135.2	16.86	17.65	19.73	0.787	2.865	0
15	2003	261	545	1.755	135.5	16.4	17.2	19.79	0.797	3.393	0
15	2003	261	600	1.863	128.3	16.46	17.16	19.88	0.698	3.42	0
15	2003	261	615	1.059	106	16.64	17.14	19.92	0.501	3.279	0
15	2003	261	630	0.679	108	17.38	17.87	20.11	0.495	2.736	0
15	2003	261	645	0.377	67.16	18.64	18.66	19.94	0.021	1.298	0
15	2003	261	700	0.846	351.6	19.65	19.39	19.5	-0.256	-0.15	0
15	2003	261	715	1.168	338	19.83	19.49	19.69	-0.342	-0.139	0
15	2003	261	730	1.391	315.2	20.45	20.09	19.75	-0.368	-0.707	0
15	2003	261	745	1.227	300.9	21.09	20.65	20.2	-0.437	-0.889	0
15	2003	261	800	2.431	315.4	21.85	21.23	20.67	-0.619	-1.181	0
15	2003	261	815	2.817	329.9	22.45	21.76	20.97	-0.689	-1.474	0
15	2003	261	830	3.62	342.4	23.17	22.35	21.46	-0.827	-1.716	0
15	2003	261	845	5.89	347.7	24.21	23.32	22.25	-0.89	-1.955	0
15	2003	261	900	7.47	7.49	24.18	23.27	22.22	-0.911	-1.964	0
15	2003	261	915	9.12	16.15	23.69	22.91	21.9	-0.781	-1.788	0
15	2003	261	930	10	23.41	23.32	22.34	21.15	-0.975	-2.169	0
15	2003	261	945	9.93	27.5	23.03	21.94	20.72	-1.091	-2.308	0
15	2003	261	1000	10.02	33.39	22.51	21.38	20.13	-1.129	-2.379	0
15	2003	261	1015	9.89	31.41	22.26	21.14	19.91	-1.119	-2.353	0
15	2003	261	1030	9.36	33.42	22.23	21.04	19.67	-1.193	-2.559	0
15	2003	261	1045	9.08	28.14	22.12	20.93	19.58	-1.193	-2.543	0

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TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	261	1100	8.27	26.64	22.58	21.33	19.89	-1.252	-2.693	0
15	2003	261	1115	8.43	30.18	22.52	21.15	19.89	-1.367	-2.629	0
15	2003	261	1130	9.03	21.7	22.59	21.18	19.82	-1.408	-2.772	0
15	2003	261	1145	8.27	17.61	22.96	21.55	20.07	-1.41	-2.896	0
15	2003	261	1200	9.22	25.85	22.86	21.47	20.1	-1.397	-2.769	0
15	2003	261	1215	8.07	26.68	23.13	21.81	20.48	-1.324	-2.647	0
15	2003	261	1230	8.56	24.28	22.95	21.76	20.5	-1.19	-2.451	0
15	2003	261	1245	8.53	33.49	23.25	22.07	20.78	-1.181	-2.476	0
15	2003	261	1300	8.51	40.34	23.31	22.04	20.83	-1.268	-2.482	0
15	2003	261	1315	8.53	41.74	23.56	22.31	21.15	-1.247	-2.408	0
15	2003	261	1330	8.64	40.52	23.62	22.32	21.11	-1.298	-2.509	0
15	2003	261	1345	8.01	39.88	23.89	22.62	21.28	-1.275	-2.611	0
15	2003	261	1400	7.99	45.43	24.05	22.86	21.49	-1.191	-2.565	0
15	2003	261	1415	7.87	44.75	23.89	22.7	21.52	-1.189	-2.371	0
15	2003	261	1430	7.41	40.97	24.15	23.09	21.82	-1.057	-2.335	0
15	2003	261	1445	7.78	45.36	24.01	22.88	21.8	-1.125	-2.209	0
15	2003	261	1500	7.55	44.45	23.98	22.89	21.86	-1.087	-2.123	0
15	2003	261	1515	7.93	48.88	23.85	22.82	21.71	-1.037	-2.144	0
15	2003	261	1530	7.55	40.51	23.7	22.75	21.67	-0.957	-2.034	0
15	2003	261	1545	7.16	39.48	23.49	22.61	21.54	-0.876	-1.954	0
15	2003	261	1600	6.8	43.95	23.43	22.6	21.61	-0.836	-1.828	0
15	2003	261	1615	6.632	48.58	23.31	22.61	21.66	-0.698	-1.648	0
15	2003	261	1630	6.815	47.07	22.92	22.27	21.34	-0.652	-1.58	0
15	2003	261	1645	6.862	42.66	22.7	22.11	21.28	-0.586	-1.413	0
15	2003	261	1700	6.627	49.37	22.46	22.02	21.24	-0.437	-1.212	0
15	2003	261	1715	6.433	47.39	22.15	21.8	21.11	-0.346	-1.04	0
15	2003	261	1730	6.322	52.71	21.72	21.49	20.9	-0.234	-0.828	0
15	2003	261	1745	6.197	54.75	21.17	21.05	20.55	-0.12	-0.617	0
15	2003	261	1800	5.309	52.2	20.72	20.69	20.32	-0.031	-0.398	0
15	2003	261	1815	5.401	50.39	20.35	20.36	20.05	0.01	-0.297	0
15	2003	261	1830	4.033	48.1	19.97	20.07	19.86	0.097	-0.112	0
15	2003	261	1845	4.683	48.87	19.82	19.91	19.69	0.087	-0.128	0
15	2003	261	1900	4.705	46.23	19.57	19.67	19.48	0.099	-0.097	0
15	2003	261	1915	4.834	43.24	19.3	19.4	19.25	0.102	-0.053	0
15	2003	261	1930	4.137	49.12	18.95	19.07	18.96	0.122	0.014	0
15	2003	261	1945	4.572	54.75	18.81	18.93	18.75	0.114	-0.061	0



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15	2003	261	2000	4.321	54.61	18.56	18.69	18.55	0.128	-0.013	0
15	2003	261	2015	4.691	58.24	18.48	18.58	18.44	0.091	-0.049	0
15	2003	261	2030	5.592	58.8	18.81	18.8	18.5	-0.006	-0.306	0
15	2003	261	2045	5.317	57.41	18.7	18.71	18.41	0.005	-0.293	0
15	2003	261	2100	3.664	68.68	18.29	18.35	18.14	0.06	-0.15	0
15	2003	261	2115	4.691	66.38	18.44	18.4	18.06	-0.041	-0.385	0
15	2003	261	2130	6.158	69.36	18.49	18.41	18	-0.09	-0.498	0
15	2003	261	2145	6.051	68.77	18.47	18.38	17.96	-0.088	-0.506	0
15	2003	261	2200	5.857	73.7	18.39	18.3	17.88	-0.093	-0.505	0
15	2003	261	2215	5.677	77.5	18.26	18.18	17.78	-0.076	-0.477	0
15	2003	261	2230	5.649	85.3	18.1	18.03	17.63	-0.07	-0.473	0
15	2003	261	2245	7.11	79.5	17.92	17.84	17.43	-0.084	-0.496	0
15	2003	261	2300	5.796	76.7	17.72	17.66	17.27	-0.065	-0.45	0
15	2003	261	2315	6.451	82.6	17.49	17.41	17	-0.08	-0.49	0
15	2003	261	2330	5.04	77	17.41	17.32	16.9	-0.092	-0.517	0
15	2003	261	2345	5.469	74.4	17.18	17.12	16.72	-0.069	-0.463	0
15	2003	261	2400	5.166	80.3	17.13	17.03	16.62	-0.098	-0.51	0
24	2003	261	2400	942	15.21	844	16.91	542	24	837	-1.938
15	2003	262	15	4.756	80.5	17.03	16.94	16.53	-0.096	-0.505	0
15	2003	262	30	5.351	76.9	16.93	16.82	16.38	-0.11	-0.547	0
15	2003	262	45	4.63	73.3	16.86	16.74	16.3	-0.118	-0.561	0
15	2003	262	100	4.044	74.5	16.88	16.74	16.29	-0.14	-0.593	0
15	2003	262	115	4.399	78.4	16.86	16.72	16.26	-0.144	-0.603	0
15	2003	262	130	3.988	87	16.82	16.69	16.23	-0.135	-0.59	0
15	2003	262	145	3.818	82.8	16.77	16.63	16.17	-0.134	-0.598	0
15	2003	262	200	4.094	80.3	16.69	16.55	16.08	-0.142	-0.606	0
15	2003	262	215	3.64	75.1	16.6	16.48	16.02	-0.121	-0.582	0
15	2003	262	230	3.574	73	16.57	16.44	15.98	-0.132	-0.594	0
15	2003	262	245	2.853	66.95	16.6	16.47	16	-0.136	-0.607	0
15	2003	262	300	2.717	71.9	16.57	16.43	15.96	-0.142	-0.61	0
15	2003	262	315	2.77	62.75	16.56	16.43	15.96	-0.135	-0.604	0
15	2003	262	330	2.481	61.33	16.53	16.38	15.91	-0.145	-0.614	0
15	2003	262	345	2.858	58.21	16.44	16.28	15.81	-0.158	-0.632	0
15	2003	262	400	2.818	66.4	16.37	16.22	15.75	-0.149	-0.62	0
15	2003	262	415	3.134	52.77	16.31	16.15	15.68	-0.155	-0.63	0
15	2003	262	430	3.021	53.8	16.25	16.1	15.63	-0.15	-0.621	0

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15	2003	262	445	3.094	60.54	16.21	16.06	15.6	-0.148	-0.612	0
15	2003	262	500	2.931	78	16.16	16.03	15.58	-0.136	-0.589	0
15	2003	262	515	3.607	91.5	16	15.86	15.41	-0.142	-0.594	0
15	2003	262	530	3.104	99.4	15.95	15.82	15.37	-0.131	-0.585	0
15	2003	262	545	2.506	103.8	15.9	15.78	15.33	-0.12	-0.572	0
15	2003	262	600	2.451	104	15.91	15.77	15.31	-0.137	-0.595	0
15	2003	262	615	2.111	97.2	15.94	15.79	15.32	-0.149	-0.616	0
15	2003	262	630	2.029	101.3	16	15.81	15.34	-0.193	-0.662	0
15	2003	262	645	2.182	83.2	16.03	15.81	15.3	-0.221	-0.727	0
15	2003	262	700	2.108	52.36	16.04	15.79	15.29	-0.248	-0.75	0
15	2003	262	715	3.427	35.88	16.04	15.77	15.24	-0.272	-0.802	0
15	2003	262	730	3.588	39.21	16.05	15.74	15.17	-0.31	-0.882	0
15	2003	262	745	3.715	50.73	16.21	15.85	15.25	-0.355	-0.957	0
15	2003	262	800	3.751	62.2	16.28	15.94	15.32	-0.335	-0.959	0
15	2003	262	815	4.014	65.32	16.39	15.98	15.32	-0.404	-1.064	0
15	2003	262	830	4.044	74.8	16.66	16.18	15.45	-0.477	-1.206	0
15	2003	262	845	4.573	78.5	17.12	16.43	15.63	-0.698	-1.494	0
15	2003	262	900	4.331	90.5	17.77	16.77	15.94	-0.999	-1.834	0
15	2003	262	915	4.367	81.9	18.05	17.07	16.17	-0.978	-1.886	0
15	2003	262	930	3.371	92.4	18.12	17.28	16.39	-0.845	-1.735	0
15	2003	262	945	3.368	82.7	18.51	17.58	16.72	-0.934	-1.791	0
15	2003	262	1000	2.773	88.2	18.75	17.86	17.03	-0.889	-1.721	0
15	2003	262	1015	3.024	86.5	18.63	17.78	17.06	-0.848	-1.564	0
15	2003	262	1030	3.341	121.8	19.41	18.33	17.5	-1.08	-1.916	0
15	2003	262	1045	3.277	124.5	20.48	19.18	18.04	-1.297	-2.441	0
15	2003	262	1100	3.691	118.5	20.65	19.45	18.43	-1.2	-2.211	0
15	2003	262	1115	4.021	125.6	20.95	19.55	18.56	-1.405	-2.392	0
15	2003	262	1130	4.256	149.4	21.49	20.14	18.99	-1.355	-2.503	0
15	2003	262	1145	3.833	143.6	21.62	20.26	19.18	-1.36	-2.446	0
15	2003	262	1200	3.479	139.7	22.32	21.04	19.87	-1.275	-2.448	0
15	2003	262	1215	4.791	173.2	23.09	21.41	20.12	-1.681	-2.963	0
15	2003	262	1230	4.525	153.5	23.09	21.51	20.29	-1.576	-2.793	0
15	2003	262	1245	4.375	161.6	22.88	21.44	20.43	-1.448	-2.455	0
15	2003	262	1300	4.432	155.3	23.35	21.68	20.48	-1.669	-2.865	0
15	2003	262	1315	4.03	155.7	23.26	21.78	20.66	-1.485	-2.599	0
15	2003	262	1330	5.026	157.5	23.68	22.08	21.04	-1.604	-2.646	0

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15	2003	262	1345	4.714	150.6	23.68	22.11	21.17	-1.561	-2.507	0
15	2003	262	1400	5.259	161.5	24.37	22.86	21.64	-1.509	-2.73	0
15	2003	262	1415	5.047	148	24.19	22.78	21.45	-1.412	-2.748	0
15	2003	262	1430	4.869	148.5	24.72	23.27	22.1	-1.442	-2.615	0
15	2003	262	1445	5.382	164.1	24.74	23.29	22.25	-1.449	-2.488	0
15	2003	262	1500	5.429	156	24.91	23.63	22.45	-1.278	-2.452	0
15	2003	262	1515	5.581	156.9	24.99	23.74	22.59	-1.251	-2.397	0
15	2003	262	1530	5.995	170.5	24.94	23.84	22.74	-1.104	-2.203	0
15	2003	262	1545	5.952	159.1	24.77	23.62	22.64	-1.149	-2.127	0
15	2003	262	1600	6.127	172.8	24.64	23.61	22.81	-1.032	-1.831	0
15	2003	262	1615	6.192	156.9	24.67	23.77	22.89	-0.902	-1.779	0
15	2003	262	1630	6.459	152.5	24.32	23.48	22.66	-0.843	-1.656	0
15	2003	262	1645	6.428	158.2	24.07	23.41	22.65	-0.66	-1.422	0
15	2003	262	1700	6.457	156.8	23.75	23.2	22.45	-0.554	-1.308	0
15	2003	262	1715	6.197	156.5	23.48	23.08	22.4	-0.405	-1.085	0
15	2003	262	1730	6.044	156	23.21	22.96	22.4	-0.242	-0.801	0
15	2003	262	1745	6.119	159.4	22.79	22.72	22.24	-0.079	-0.558	0
15	2003	262	1800	5.856	162.1	22.44	22.44	22.05	0.002	-0.388	0
15	2003	262	1815	5.584	158.7	22.09	22.13	21.8	0.041	-0.29	0
15	2003	262	1830	5.031	158.7	21.75	21.84	21.54	0.093	-0.212	0
15	2003	262	1845	4.818	157.8	21.47	21.57	21.3	0.099	-0.173	0
15	2003	262	1900	4.316	157.1	21.15	21.29	21.08	0.135	-0.07	0
15	2003	262	1915	4.056	158.1	20.82	20.98	20.84	0.165	0.024	0
15	2003	262	1930	4.245	157.4	20.64	20.82	20.62	0.174	-0.021	0
15	2003	262	1945	4.497	154.6	20.4	20.57	20.4	0.167	-0.006	0
15	2003	262	2000	4.709	154.9	20.18	20.32	20.1	0.133	-0.081	0
15	2003	262	2015	4.387	155.8	19.85	20	19.82	0.152	-0.022	0
15	2003	262	2030	4.726	154.5	19.61	19.74	19.57	0.135	-0.042	0
15	2003	262	2045	4.774	151.1	19.38	19.51	19.34	0.135	-0.038	0
15	2003	262	2100	4.534	149.3	19.15	19.29	19.16	0.143	0.013	0
15	2003	262	2115	4.223	148.5	18.92	19.09	19.04	0.174	0.117	0
15	2003	262	2130	3.863	144.8	18.68	18.88	18.91	0.194	0.233	0
15	2003	262	2145	3.985	141.5	18.46	18.7	18.9	0.237	0.439	0
15	2003	262	2200	3.988	140.3	18.34	18.58	18.84	0.242	0.497	0
15	2003	262	2215	3.913	135.9	18.18	18.45	18.77	0.27	0.584	0
15	2003	262	2230	4.176	135.6	18.07	18.33	18.72	0.259	0.653	0

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15	2003	262	2245	4.302	135.3	18.02	18.27	18.58	0.245	0.558	0
15	2003	262	2300	4.567	135	17.9	18.14	18.38	0.245	0.48	0
15	2003	262	2315	4.796	135.2	17.82	18.02	18.15	0.198	0.328	0
15	2003	262	2330	4.474	135.6	17.65	17.86	18.01	0.217	0.359	0
15	2003	262	2345	3.889	135.1	17.49	17.73	17.89	0.24	0.406	0
15	2003	262	2400	3.781	137.2	17.39	17.66	17.78	0.274	0.394	0
24	2003	262	2400	1245	12.15	1425	15.59	725	24.52	1509	-2.331
15	2003	263	15	3.009	138.8	17.24	17.51	17.59	0.272	0.346	0
15	2003	263	30	2.97	141.4	17.37	17.64	17.58	0.269	0.205	0
15	2003	263	45	4.025	147.6	17.36	17.59	17.49	0.229	0.133	0
15	2003	263	100	4.201	146	17.28	17.46	17.38	0.172	0.101	0
15	2003	263	115	4.382	147.9	17.18	17.35	17.33	0.176	0.148	0
15	2003	263	130	4.876	150.3	17.14	17.32	17.23	0.177	0.087	0
15	2003	263	145	4.117	150.5	16.96	17.16	17.11	0.198	0.144	0
15	2003	263	200	4.061	156.8	16.9	17.14	17.13	0.244	0.237	0
15	2003	263	215	4.354	154.2	17.04	17.26	17.18	0.219	0.136	0
15	2003	263	230	4	153.3	16.8	17.01	16.9	0.218	0.104	0
15	2003	263	245	3.693	155	16.45	16.67	16.63	0.222	0.179	0
15	2003	263	300	3.627	146.8	16.09	16.34	16.37	0.251	0.279	0
15	2003	263	315	2.506	143.8	15.7	16	16.11	0.3	0.415	0
15	2003	263	330	1.443	152.7	15.27	15.67	15.86	0.402	0.591	0
15	2003	263	345	0.353	180.7	14.84	15.39	15.65	0.558	0.812	0
15	2003	263	400	0.15	112.6	13.54	15.44	15.53	1.897	1.986	0
15	2003	263	415	0.651	27.94	12.84	15.36	15.56	2.516	2.72	0
15	2003	263	430	1.332	95.8	12.72	15.24	15.6	2.526	2.884	0
15	2003	263	445	2.527	115.4	12.66	14.91	15.63	2.25	2.968	0
15	2003	263	500	2.674	110.4	12.94	14.24	15.54	1.301	2.604	0
15	2003	263	515	2.595	109.1	12.89	13.76	15.42	0.875	2.539	0
15	2003	263	530	3.489	108	13.44	13.95	15.54	0.505	2.102	0
15	2003	263	545	3.754	112.3	13.79	14.21	15.58	0.416	1.791	0
15	2003	263	600	3.743	111.1	13.99	14.31	15.5	0.328	1.516	0
15	2003	263	615	4.253	111.6	14.31	14.47	15.47	0.156	1.158	0
15	2003	263	630	4.471	119.2	14.96	14.89	15.58	-0.064	0.62	0
15	2003	263	645	4.815	120.6	15.71	15.48	15.6	-0.229	-0.111	0
15	2003	263	700	5.248	126.7	16.56	16.22	15.89	-0.34	-0.668	0
15	2003	263	715	5.772	133.4	17.59	17.1	16.58	-0.484	-1.012	0

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15	2003	263	730	5.992	137.9	18.43	17.87	17.23	-0.562	-1.202	0
15	2003	263	745	5.732	139.8	19.21	18.55	17.87	-0.658	-1.331	0
15	2003	263	800	6.015	139.8	19.96	19.2	18.4	-0.762	-1.558	0
15	2003	263	815	5.879	142.5	20.74	19.87	18.99	-0.867	-1.743	0
15	2003	263	830	5.785	149.9	21.38	20.42	19.55	-0.967	-1.837	0
15	2003	263	845	5.423	143.3	21.86	20.83	19.94	-1.031	-1.923	0
15	2003	263	900	4.494	161.7	22.76	21.66	20.72	-1.098	-2.033	0
15	2003	263	915	4.214	171.3	23.23	22.15	21.15	-1.084	-2.082	0
15	2003	263	930	3.833	167.5	23.82	22.65	21.6	-1.17	-2.223	0
15	2003	263	945	3.982	172	24.18	23.02	22.11	-1.166	-2.077	0
15	2003	263	1000	4.356	181.2	24.73	23.43	22.51	-1.298	-2.223	0
15	2003	263	1015	4.006	188.4	25.7	24.31	23.09	-1.389	-2.616	0
15	2003	263	1030	3.901	190	25.59	24.19	23.3	-1.406	-2.288	0
15	2003	263	1045	4.096	176.4	26.44	24.91	23.85	-1.523	-2.59	0
15	2003	263	1100	3.822	162.5	26.23	24.94	23.93	-1.284	-2.3	0
15	2003	263	1115	4.996	179.8	27.09	25.48	24.31	-1.605	-2.778	0
15	2003	263	1130	4.462	177.5	27.22	25.59	24.56	-1.625	-2.662	0
15	2003	263	1145	4.949	165.1	27.62	25.95	24.81	-1.67	-2.81	0
15	2003	263	1200	5.008	173.9	27.88	26.22	25.2	-1.656	-2.684	0
15	2003	263	1215	5.317	177.3	28.46	26.89	25.57	-1.57	-2.893	0
15	2003	263	1230	5.593	178.6	28.49	26.97	25.8	-1.519	-2.686	0
15	2003	263	1245	5.119	187.1	29.15	27.58	26.27	-1.575	-2.882	0
15	2003	263	1300	5.361	166.1	28.98	27.54	26.36	-1.435	-2.62	0
15	2003	263	1315	5.678	171	29.5	27.75	26.59	-1.744	-2.903	0
15	2003	263	1330	5.7	185.7	29.49	27.92	26.79	-1.574	-2.701	0
15	2003	263	1345	5.844	162.6	29.44	27.86	26.81	-1.583	-2.631	0
15	2003	263	1400	6.171	156.4	29.52	28.09	26.96	-1.434	-2.559	0
15	2003	263	1415	6.148	162.6	29.93	28.54	27.36	-1.386	-2.569	0
15	2003	263	1430	6.326	155.9	29.98	28.54	27.38	-1.442	-2.598	0
15	2003	263	1445	7.22	157.8	30.07	28.65	27.52	-1.42	-2.549	0
15	2003	263	1500	6.295	158.5	29.89	28.54	27.45	-1.35	-2.445	0
15	2003	263	1515	6.83	167.7	29.78	28.42	27.29	-1.355	-2.489	0
15	2003	263	1530	6.995	146.7	29.46	28.32	27.3	-1.136	-2.153	0
15	2003	263	1545	7.01	156.2	29.35	28.25	27.15	-1.095	-2.196	0
15	2003	263	1600	7.91	150.4	28.85	27.89	26.91	-0.963	-1.941	0
15	2003	263	1615	7.11	159.6	28.81	27.96	27.02	-0.848	-1.789	0

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15	2003	263	1630	8.2	162.9	28.13	27.34	26.46	-0.793	-1.673	0
15	2003	263	1645	7.43	155.6	27.68	27.08	26.23	-0.602	-1.452	0
15	2003	263	1700	7.43	159.3	27.34	26.88	26.14	-0.457	-1.198	0
15	2003	263	1715	8.32	153.1	26.75	26.4	25.73	-0.359	-1.03	0
15	2003	263	1730	8.07	157.7	26.17	25.97	25.39	-0.191	-0.776	0
15	2003	263	1745	7.4	155.5	25.65	25.61	25.17	-0.042	-0.484	0
15	2003	263	1800	6.715	150.5	25.24	25.26	24.91	0.016	-0.331	0
15	2003	263	1815	6.135	148.6	24.89	24.96	24.67	0.068	-0.216	0
15	2003	263	1830	6.935	146.4	24.6	24.68	24.4	0.076	-0.2	0
15	2003	263	1845	7.46	144.1	24.2	24.25	23.97	0.051	-0.236	0
15	2003	263	1900	7.99	146.6	23.84	23.9	23.62	0.063	-0.219	0
15	2003	263	1915	8.45	146	23.41	23.45	23.14	0.041	-0.265	0
15	2003	263	1930	8.79	148.7	22.8	22.83	22.51	0.026	-0.289	0
15	2003	263	1945	8.08	146.1	22.22	22.24	21.92	0.028	-0.291	0
15	2003	263	2000	6.911	144.9	21.71	21.77	21.47	0.058	-0.234	0
15	2003	263	2015	8.27	144.3	21.38	21.41	21.1	0.037	-0.272	0
15	2003	263	2030	7.9	144.2	21.01	21.06	20.76	0.054	-0.244	0
15	2003	263	2045	6.826	141.8	20.67	20.74	20.45	0.067	-0.22	0
15	2003	263	2100	6.763	142	20.37	20.44	20.15	0.069	-0.218	0
15	2003	263	2115	7.53	144.1	20.07	20.11	19.82	0.045	-0.25	0
15	2003	263	2130	7.08	140.7	19.81	19.85	19.56	0.038	-0.252	0
15	2003	263	2145	6.303	137.2	19.56	19.62	19.36	0.062	-0.192	0
15	2003	263	2200	5.721	133.1	19.31	19.38	19.15	0.073	-0.158	0
15	2003	263	2215	6.145	132.5	19.13	19.2	18.95	0.066	-0.18	0
15	2003	263	2230	6.482	127.5	18.96	19.02	18.77	0.063	-0.194	0
15	2003	263	2245	6.294	121.5	18.68	18.74	18.5	0.059	-0.18	0
15	2003	263	2300	7.13	127.1	18.5	18.54	18.27	0.038	-0.236	0
15	2003	263	2315	7.35	128.4	18.2	18.24	17.96	0.037	-0.242	0
15	2003	263	2330	6.154	131.8	17.94	17.99	17.73	0.049	-0.209	0
15	2003	263	2345	5.474	135.2	17.72	17.77	17.51	0.045	-0.206	0
15	2003	263	2400	4.715	146.4	17.58	17.62	17.36	0.048	-0.218	0
24	2003	263	2400	1919	16.57	1420	13.55	510	29.42	1420	-2.306
15	2003	264	15	5.21	137.7	17.43	17.48	17.24	0.052	-0.186	0
15	2003	264	30	5.177	132.4	17.3	17.36	17.15	0.057	-0.15	0
15	2003	264	45	4.764	135.7	17.18	17.25	17.06	0.068	-0.123	0
15	2003	264	100	5.312	129.3	17.07	17.12	16.93	0.059	-0.134	0

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15	2003	264	115	6.041	134.1	16.94	16.98	16.79	0.039	-0.154	0
15	2003	264	130	5.713	133.4	16.74	16.77	16.62	0.029	-0.124	0
15	2003	264	145	6.133	122.9	16.59	16.61	16.47	0.02	-0.122	0
15	2003	264	200	5.853	117	16.46	16.48	16.33	0.016	-0.128	0
15	2003	264	215	5.95	123.7	16.26	16.28	16.2	0.013	-0.066	0
15	2003	264	230	6.204	123.7	16.14	16.15	16.14	0.016	-0.003	0
15	2003	264	245	6.773	128.8	16.17	16.2	16.23	0.029	0.059	0
15	2003	264	300	6.406	124.1	16.16	16.19	16.32	0.025	0.162	0
15	2003	264	315	5.385	121.2	16.08	16.11	16.33	0.032	0.257	0
15	2003	264	330	5.003	123	15.97	16.01	16.35	0.041	0.375	0
15	2003	264	345	5.6	122.2	15.98	16.02	16.4	0.038	0.413	0
15	2003	264	400	5.492	118.1	15.96	16	16.48	0.045	0.522	0
15	2003	264	415	5.492	119.1	15.95	16.01	16.49	0.055	0.539	0
15	2003	264	430	5.379	119.8	15.89	15.95	16.5	0.058	0.611	0
15	2003	264	445	5.042	120.4	15.79	15.86	16.5	0.064	0.708	0
15	2003	264	500	4.955	116.3	15.72	15.79	16.53	0.071	0.811	0
15	2003	264	515	5.06	118.4	15.68	15.77	16.58	0.09	0.903	0
15	2003	264	530	4.892	120.2	15.7	15.79	16.67	0.09	0.967	0
15	2003	264	545	4.909	124.4	15.71	15.81	16.72	0.101	1.005	0
15	2003	264	600	4.983	126.5	15.79	15.87	16.81	0.083	1.021	0
15	2003	264	615	4.473	122.1	15.86	15.91	16.86	0.055	1.001	0
15	2003	264	630	4.489	121.8	16.32	16.23	16.79	-0.086	0.476	0
15	2003	264	645	4.656	119.6	17	16.75	16.78	-0.249	-0.221	0
15	2003	264	700	4.601	124	17.68	17.28	16.93	-0.405	-0.754	0
15	2003	264	715	5.12	127.8	18.16	17.64	17.09	-0.517	-1.075	0
15	2003	264	730	5.189	133.3	18.68	18.04	17.43	-0.635	-1.25	0
15	2003	264	745	4.521	138.9	19.3	18.56	17.81	-0.742	-1.491	0
15	2003	264	800	4.967	142	19.86	18.96	18.19	-0.895	-1.669	0
15	2003	264	815	4.734	162.1	20.52	19.59	18.68	-0.93	-1.84	0
15	2003	264	830	4.407	160.9	21.12	20.06	19.19	-1.062	-1.929	0
15	2003	264	845	3.864	169.7	21.53	20.5	19.62	-1.03	-1.903	0
15	2003	264	900	3.419	178.9	22.26	21.26	20.34	-1.003	-1.916	0
15	2003	264	915	2.938	194	22.63	21.48	20.74	-1.15	-1.89	0
15	2003	264	930	2.43	181.7	23.05	21.99	21.16	-1.057	-1.884	0
15	2003	264	945	2.982	197.4	23.59	22.52	21.65	-1.071	-1.946	0
15	2003	264	1000	1.956	197.9	24.08	23.03	22.19	-1.047	-1.888	0

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15	2003	264	1015	1.447	270.4	23.94	23.11	22.47	-0.827	-1.476	0
15	2003	264	1030	1.821	307.7	24.55	23.4	22.7	-1.15	-1.847	0
15	2003	264	1045	1.276	358.8	24.42	23.62	22.99	-0.797	-1.433	0
15	2003	264	1100	1.779	325.9	25.5	24.55	23.58	-0.946	-1.919	0
15	2003	264	1115	2.351	358.2	25.66	24.66	23.87	-1.001	-1.785	0
15	2003	264	1130	1.754	338.3	25.86	24.9	24.19	-0.953	-1.67	0
15	2003	264	1145	2.54	322.3	26.44	25.41	24.58	-1.02	-1.857	0
15	2003	264	1200	2.688	323.8	27.08	25.81	24.74	-1.27	-2.347	0
15	2003	264	1215	2.5	21.6	26.49	25.6	24.7	-0.894	-1.799	0
15	2003	264	1230	1.772	91.1	27.23	26.32	25.36	-0.91	-1.863	0
15	2003	264	1245	2.21	345.2	27.44	26.51	25.59	-0.936	-1.85	0
15	2003	264	1300	2.996	333.8	28.1	26.91	25.98	-1.189	-2.117	0
15	2003	264	1315	1.621	308.8	28.79	27.81	26.85	-0.98	-1.939	0
15	2003	264	1330	3.164	334.4	28.6	27.43	26.62	-1.171	-1.98	0
15	2003	264	1345	2.752	346	28.79	27.58	26.65	-1.207	-2.134	0
15	2003	264	1400	2.918	5.309	28.91	27.84	26.86	-1.072	-2.048	0
15	2003	264	1415	1.878	280	29.01	28.12	27.3	-0.895	-1.718	0
15	2003	264	1430	1.608	29.28	28.65	28	27.49	-0.645	-1.157	0
15	2003	264	1445	2.353	89.2	29.76	28.8	27.91	-0.958	-1.844	0
15	2003	264	1500	1.358	341.2	29.51	28.7	28.01	-0.802	-1.495	0
15	2003	264	1515	2.4	99.5	29.35	28.63	27.97	-0.723	-1.383	0
15	2003	264	1530	1.202	63.17	29.63	29.04	28.37	-0.59	-1.253	0
15	2003	264	1545	2.601	36.29	29.3	28.68	28.14	-0.617	-1.155	0
15	2003	264	1600	1.337	343.6	29.42	28.96	28.4	-0.456	-1.023	0
15	2003	264	1615	1.72	344.3	29.71	29.17	28.54	-0.542	-1.172	0
15	2003	264	1630	1.516	24.09	29.75	29.16	28.49	-0.589	-1.261	0
15	2003	264	1645	2.114	113.7	29.77	29.22	28.56	-0.546	-1.211	0
15	2003	264	1700	2.619	110.1	29.87	29.31	28.62	-0.569	-1.259	0
15	2003	264	1715	2.125	140.1	29.59	29.2	28.65	-0.395	-0.941	0
15	2003	264	1730	2.104	77.6	29.38	29.19	28.65	-0.194	-0.733	0
15	2003	264	1745	2.511	112	29.02	28.91	28.4	-0.106	-0.621	0
15	2003	264	1800	2.918	133.9	28.49	28.47	28.05	-0.023	-0.441	0
15	2003	264	1815	3.047	120.6	28.15	28.2	27.82	0.046	-0.337	0
15	2003	264	1830	2.722	133.1	27.71	27.87	27.58	0.164	-0.131	0
15	2003	264	1845	2.732	105.5	27.08	27.31	27.11	0.227	0.034	0
15	2003	264	1900	2.519	126	26.57	26.79	26.62	0.227	0.053	0



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15	2003	264	1915	2.978	115.2	25.79	26.12	26.18	0.326	0.395	0
15	2003	264	1930	2.583	127.6	25.2	25.66	25.9	0.463	0.7	0
15	2003	264	1945	2.622	119.8	24.4	24.97	25.36	0.57	0.96	0
15	2003	264	2000	2.848	114.1	23.99	24.48	24.98	0.483	0.99	0
15	2003	264	2015	3.013	123.5	23.58	24.1	24.76	0.526	1.188	0
15	2003	264	2030	2.74	120.1	23.05	23.71	24.74	0.657	1.69	0
15	2003	264	2045	2.903	120.2	22.67	23.4	24.42	0.735	1.748	0
15	2003	264	2100	3.216	97.5	22.59	23.08	23.99	0.491	1.393	0
15	2003	264	2115	2.959	102.7	22.4	22.86	23.97	0.462	1.574	0
15	2003	264	2130	3.499	97.5	22.11	22.42	23.54	0.315	1.429	0
15	2003	264	2145	4.015	108.6	22.1	22.35	23	0.248	0.898	0
15	2003	264	2200	3.64	112.4	21.57	21.82	22.36	0.259	0.794	0
15	2003	264	2215	3.623	116.4	21.33	21.59	22.04	0.265	0.718	0
15	2003	264	2230	3.459	113.6	20.93	21.22	21.84	0.296	0.92	0
15	2003	264	2245	3.597	122	20.81	21.09	21.56	0.279	0.747	0
15	2003	264	2300	3.117	123.4	20.62	20.94	21.33	0.328	0.71	0
15	2003	264	2315	3.227	130	20.35	20.71	21.11	0.36	0.762	0
15	2003	264	2330	3.135	133.4	20.09	20.46	20.91	0.374	0.818	0
15	2003	264	2345	3.019	139.3	19.78	20.16	20.67	0.383	0.889	0
15	2003	264	2400	3.319	145.3	19.76	20.14	20.49	0.378	0.732	0
24	2003	264	2400	237	12.01	1435	15.66	502	29.86	1600	-2.404
15	2003	265	15	2.757	142.8	19.42	19.86	20.34	0.445	0.921	0
15	2003	265	30	2.947	143.1	19.21	19.64	20.16	0.432	0.952	0
15	2003	265	45	3.084	148.1	19.25	19.65	20.01	0.4	0.755	0
15	2003	265	100	3.054	146	19.24	19.58	19.74	0.339	0.497	0
15	2003	265	115	3.089	142.5	19.01	19.36	19.53	0.345	0.52	0
15	2003	265	130	3.519	143.9	18.95	19.23	19.33	0.277	0.377	0
15	2003	265	145	4.53	148.1	19.04	19.24	19.23	0.195	0.186	0
15	2003	265	200	4.531	143.8	18.9	19.09	19.17	0.187	0.275	0
15	2003	265	215	4.455	142.2	18.66	18.89	19.07	0.228	0.407	0
15	2003	265	230	4.154	143.1	18.5	18.74	18.95	0.24	0.456	0
15	2003	265	245	3.886	148	18.36	18.6	18.82	0.24	0.451	0
15	2003	265	300	3.43	140.3	18.17	18.42	18.72	0.249	0.555	0
15	2003	265	315	3.209	124.7	17.89	18.21	18.67	0.317	0.785	0
15	2003	265	330	3.004	134	17.62	17.97	18.64	0.35	1.015	0
15	2003	265	345	1.728	167.4	17.16	17.72	18.46	0.56	1.299	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	265	400	0.82	253.2	16.32	17.36	18.06	1.042	1.736	0
15	2003	265	415	1.155	175	16.84	17.44	17.85	0.593	1.002	0
15	2003	265	430	0.427	216.9	15.99	17.35	17.72	1.355	1.729	0
15	2003	265	445	0.401	318.8	14.25	17.38	17.67	3.127	3.418	0
15	2003	265	500	0.651	35.75	14.23	17.53	18.18	3.301	3.949	0
15	2003	265	515	1.964	56.9	14.29	17.07	18.64	2.773	4.342	0
15	2003	265	530	2.437	75	14.61	16.72	18.91	2.108	4.297	0
15	2003	265	545	2.479	106.8	14.78	17.8	19.06	3.02	4.274	0
15	2003	265	600	2.988	112.8	15.65	17.22	18.86	1.576	3.21	0
15	2003	265	615	2.604	105.9	16.64	17.11	18.7	0.472	2.056	0
15	2003	265	630	2.6	105.2	18.11	18.07	18.94	-0.041	0.831	0
15	2003	265	645	2.834	113.7	18.91	18.77	18.57	-0.139	-0.349	0
15	2003	265	700	3.379	117.2	18.66	18.46	18.12	-0.201	-0.546	0
15	2003	265	715	3.217	133.2	18.95	18.47	18.04	-0.485	-0.914	0
15	2003	265	730	3.009	137.5	19.98	19.26	18.68	-0.716	-1.293	0
15	2003	265	745	2.607	133.1	20.2	19.75	19.2	-0.451	-0.998	0
15	2003	265	800	3.007	135.6	20.75	20.37	19.82	-0.384	-0.939	0
15	2003	265	815	3.71	148	22.45	21.66	20.89	-0.792	-1.557	0
15	2003	265	830	5.124	158.2	23.55	22.55	21.69	-1.002	-1.856	0
15	2003	265	845	5.232	166.9	24.32	23.27	22.36	-1.054	-1.965	0
15	2003	265	900	4.24	174.8	25.21	24.49	22.89	-0.718	-2.317	0
15	2003	265	915	<b>2.696</b>	170.7	25.58	25.6	24.48	0.024	-1.096	0
15	2003	265	930	<b>0.134</b>	164	25.49	25.5	25.22	0.011	-0.273	0
15	2003	265	945	<b>0.134</b>	167.1	26.06	26.05	25.78	-0.007	-0.282	0
15	2003	265	1000	<b>0.134</b>	170.5	26.09	26.04	25.83	-0.05	-0.257	0
15	2003	265	1015	<b>0.134</b>	171.8	26.2	26.14	25.96	-0.059	-0.242	0
15	2003	265	1030	<b>0.134</b>	178.6	26.68	26.62	26.4	-0.053	-0.274	0
15	2003	265	1045	<b>0.134</b>	159.9	27.13	27.08	26.87	-0.053	-0.259	0
15	2003	265	1100	<b>0.134</b>	184.7	27.58	27.51	27.32	-0.065	-0.26	0
15	2003	265	1115	<b>0.134</b>	176.4	28.07	28	27.77	-0.071	-0.298	0
15	2003	265	1130	<b>0.134</b>	192.4	28.67	28.6	28.38	-0.072	-0.293	0
15	2003	265	1145	<b>0.134</b>	144.2	29.24	29.12	28.94	-0.118	-0.302	0
15	2003	265	1200	<b>0.182</b>	133.8	29.3	29.39	28.96	0.096	-0.334	0
15	2003	265	1215	<b>0.964</b>	150.7	29.41	29.54	29.17	0.129	-0.232	0
15	2003	265	1230	<b>7.8</b>	129.4	29.11	29.26	28.94	0.15	-0.166	0
15	2003	265	1245	<b>6.5</b>	124.9	29.61	29.8	29.4	0.183	-0.22	0

Red Values = Preventive Maintenance - Replace Sensor

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	265	1300	0.162	123.1	29.94	29.96	29.66	0.027	-0.277	5.08
15	2003	265	1315	0.154	148.8	30.06	30.2	29.8	0.142	-0.254	0
15	2003	265	1330	0.134	142.9	30.38	30.36	30.11	-0.02	-0.275	0
15	2003	265	1345	0.134	158.2	30.39	30.4	30.13	0.005	-0.261	0
15	2003	265	1400	0.134	119.1	31.03	31.03	30.77	-0.003	-0.259	0
15	2003	265	1415	0.134	141.6	30.85	30.81	30.58	-0.039	-0.264	0
15	2003	265	1430	0.134	134.8	31.13	31.09	30.85	-0.041	-0.289	0
15	2003	265	1445	0.134	147.2	30.76	30.74	30.49	-0.016	-0.271	0
15	2003	265	1500	0.134	148.2	30.6	30.59	30.39	-0.017	-0.21	0
15	2003	265	1515	0.134	149.8	30.45	30.43	30.24	-0.015	-0.204	0
15	2003	265	1530	0.134	152.1	30.62	30.59	30.41	-0.029	-0.21	0
15	2003	265	1545	0.134	138.7	30.24	30.22	30.08	-0.015	-0.163	0
15	2003	265	1600	0.134	157.1	30.09	30.08	29.94	-0.005	-0.147	0
15	2003	265	1615	0.134	149.8	29.43	29.41	29.31	-0.019	-0.122	0
15	2003	265	1630	0.134	150.1	29.06	29.05	28.96	-0.012	-0.101	0
15	2003	265	1645	0.134	144.7	28.74	28.74	28.68	-0.005	-0.068	0
15	2003	265	1700	0.134	150.6	28.45	28.44	28.39	-0.004	-0.059	0
15	2003	265	1715	0.134	158	28.08	28.07	28.04	-0.007	-0.044	0
15	2003	265	1730	0.134	155	27.63	27.62	27.6	-0.006	-0.027	0
15	2003	265	1745	0.134	163.2	27.16	27.16	27.14	0.002	-0.021	0
15	2003	265	1800	0.134	159	26.8	26.8	26.79	-0.007	-0.012	0
15	2003	265	1815	0.134	160.1	26.31	26.31	26.31	-0.002	-0.001	0
15	2003	265	1830	0.134	163.3	25.9	25.92	25.92	0.012	0.018	0
15	2003	265	1845	0.134	159	25.48	25.48	25.5	0.005	0.02	0
15	2003	265	1900	0.134	156.6	25.2	25.21	25.23	0.009	0.025	0
15	2003	265	1915	0.134	157.1	25.01	25.02	25.03	0.009	0.027	0
15	2003	265	1930	0.134	152.6	24.76	24.75	24.78	-0.006	0.017	0
15	2003	265	1945	0.134	149.2	24.48	24.48	24.5	0.002	0.026	0
15	2003	265	2000	0.134	151.7	24.17	24.17	24.2	0.002	0.03	0
15	2003	265	2015	0.134	153	23.87	23.88	23.9	0.003	0.024	0
15	2003	265	2030	0.134	153.9	23.71	23.69	23.72	-0.021	0.003	0
15	2003	265	2045	0.134	158.6	23.69	23.69	23.71	0.001	0.018	0
15	2003	265	2100	0.134	163.6	23.56	23.56	23.57	-0.007	0.004	0
15	2003	265	2115	0.134	166	23.43	23.44	23.44	0.006	0.012	0
15	2003	265	2130	0.134	166.4	23.25	23.26	23.26	0.003	0.011	0
15	2003	265	2145	0.134	163.3	22.95	22.96	22.97	0.013	0.022	0

Red Values = Preventive Maintenance - Replace Sensor

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	265	2200	0.134	158.2	22.66	22.66	22.68	-0.001	0.014	0
15	2003	265	2215	0.134	158.5	22.37	22.38	22.4	0.009	0.032	0
15	2003	265	2230	0.134	160.5	22.13	22.14	22.16	0.003	0.028	0
15	2003	265	2245	0.134	161.3	22.02	22.02	22.03	0.005	0.015	0
15	2003	265	2300	0.134	159.7	21.97	21.98	21.99	0.008	0.015	0
15	2003	265	2315	0.134	159.6	21.82	21.82	21.83	0.001	0.011	0
15	2003	265	2330	0.134	159.8	21.73	21.73	21.74	0.004	0.012	0
15	2003	265	2345	0.134	161.3	21.64	21.64	21.65	0.003	0.009	0
15	2003	265	2400	0.134	161.1	21.54	21.54	21.55	0.008	0.013	0
24	2003	265	2400	1234	42.35	1422	16.1	520	31.98	1356	-1.496
15	2003	266	15	0.134	153	21.25	21.25	21.26	0.002	0.008	0
15	2003	266	30	0.134	147.4	21.08	21.09	21.09	0.005	0.013	0
15	2003	266	45	0.134	141	21.14	21.15	21.15	0.007	0.005	0
15	2003	266	100	0.134	143.5	21.26	21.26	21.28	0.001	0.014	0
15	2003	266	115	0.134	147	21.42	21.42	21.43	0.006	0.012	0
15	2003	266	130	0.134	152.6	21.5	21.49	21.49	-0.006	-0.002	0
15	2003	266	145	0.134	151.9	21.46	21.46	21.46	-0.009	-0.004	0
15	2003	266	200	0.134	142.2	21.29	21.29	21.3	0	0.004	0
15	2003	266	215	0.134	145.1	21.2	21.21	21.2	0.006	0.001	0
15	2003	266	230	0.134	146.5	21.24	21.23	21.23	-0.007	-0.008	0
15	2003	266	245	0.134	150	21.11	21.11	21.1	-0.003	-0.01	0
15	2003	266	300	0.134	150.2	21.03	21.02	21.02	-0.004	-0.007	0
15	2003	266	315	0.134	157	20.92	20.92	20.91	0.005	-0.003	0
15	2003	266	330	0.134	142.8	20.84	20.84	20.84	0.004	-0.003	0
15	2003	266	345	0.134	146.2	20.68	20.69	20.68	0.001	-0.005	0
15	2003	266	400	0.134	154.5	20.53	20.53	20.52	0.001	-0.006	0
15	2003	266	415	0.134	137	20.42	20.42	20.42	0.001	-0.003	0
15	2003	266	430	0.134	136.8	20.23	20.23	20.23	0.004	-0.002	0
15	2003	266	445	0.134	140.8	19.97	19.98	19.97	0.005	-0.004	0
15	2003	266	500	0.134	135.2	19.84	19.85	19.84	0.005	-0.005	0
15	2003	266	515	0.134	135.6	19.73	19.73	19.72	0.001	-0.005	0
15	2003	266	530	0.134	146.8	19.61	19.61	19.6	-0.001	-0.014	0
15	2003	266	545	0.134	145.4	19.53	19.54	19.53	0.008	-0.001	0
15	2003	266	600	0.134	150.5	19.48	19.49	19.47	0.005	-0.007	0
15	2003	266	615	0.134	145.7	19.42	19.42	19.4	-0.003	-0.021	0
15	2003	266	630	0.134	155.9	19.36	19.35	19.33	-0.003	-0.021	0

Red Values = Preventive Maintenance - Replace Sensor

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	266	645	0.134	149	19.49	19.49	19.46	0	-0.03	0
15	2003	266	700	0.134	144	19.66	19.66	19.62	-0.003	-0.044	0
15	2003	266	715	0.134	151.5	19.96	19.95	19.91	-0.009	-0.053	0
15	2003	266	730	0.134	159.4	20.24	20.24	20.17	-0.005	-0.069	0
15	2003	266	745	0.134	160.7	20.54	20.54	20.46	-0.009	-0.081	0
15	2003	266	800	0.167	161.5	21.19	21.44	21.16	0.249	-0.027	0
15	2003	266	815	0.135	171	22.02	22.47	22.3	0.447	0.281	0
15	2003	266	830	0.134	167.4	8.42	7.25	7.8	-1.172	-0.617	0
15	2003	266	845	0.143	176.1	7.98	7.79	7.93	-0.192	-0.058	0
15	2003	266	900	0.176	174.3	31.69	31.21	31.81	-0.483	0.115	0
15	2003	266	915	0.154	164.6	44.63	49.68	49.81	5.049	5.183	0
15	2003	266	930	6.138	157.9	24.73	26.64	26.96	1.903	2.23	0
15	2003	266	945	0.174	171.4	24.71	24.68	24.47	-0.025	-0.245	0
15	2003	266	1000	0.188	170.2	25.25	25.24	25.02	-0.01	-0.225	0
15	2003	266	1015	0.184	181.6	25.54	25.52	25.29	-0.019	-0.254	0
15	2003	266	1030	0.165	177.3	26.48	26.48	26.16	-0.002	-0.317	0
15	2003	266	1045	0.227	171.5	26.67	26.68	26.38	0.009	-0.289	0
15	2003	266	1100	0.183	169.2	27.24	27.25	26.89	0.01	-0.351	0
15	2003	266	1115	0.192	182.6	27.47	27.43	27.12	-0.043	-0.355	0
15	2003	266	1130	0.175	178.7	26.83	26.78	26.53	-0.049	-0.293	0
15	2003	266	1145	2.191	182	27.16	27.03	26.73	-0.132	-0.431	0
15	2003	266	1200	5.213	177.9	27.21	27.2	25.52	-0.002	-1.689	0
15	2003	266	1215	5.807	178	26.94	26.39	24.39	-0.55	-2.558	0
15	2003	266	1230	6.217	187.7	26.72	25.48	24.4	-1.235	-2.32	0
15	2003	266	1245	5.406	190	27.14	25.78	24.56	-1.359	-2.585	0
15	2003	266	1300	5.515	182.9	27.51	26.08	25	-1.43	-2.509	0
15	2003	266	1315	6.022	191	27.98	26.48	25.31	-1.5	-2.676	0
15	2003	266	1330	5.935	186.3	28.15	26.53	25.38	-1.617	-2.771	0
15	2003	266	1345	5.595	186.6	27.41	26.21	25.16	-1.198	-2.249	0
15	2003	266	1400	5.91	180.6	27.7	26.21	25.16	-1.488	-2.539	0
15	2003	266	1415	5.407	173.3	27.02	25.89	24.78	-1.128	-2.233	0
15	2003	266	1430	4.87	187.9	26.49	25.53	24.53	-0.964	-1.962	0
15	2003	266	1445	4.697	172.6	27.2	26.06	25.06	-1.136	-2.142	0
15	2003	266	1500	4.313	191.2	26.92	25.95	24.97	-0.962	-1.952	0
15	2003	266	1515	4.222	185.4	26.44	25.66	24.88	-0.786	-1.557	0
15	2003	266	1530	4.646	169.5	26.7	25.92	25.1	-0.781	-1.598	0

Red Values = Preventive Maintenance - Replace Sensor; Blue Values = Preventive Maintenance

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	266	1545	4.964	167.9	26.91	26.05	25.14	-0.865	-1.773	0
15	2003	266	1600	5.595	160.7	26.79	25.89	25.08	-0.896	-1.711	0
15	2003	266	1615	4.614	159	26.17	25.63	24.95	-0.543	-1.226	0
15	2003	266	1630	3.907	156.2	26.2	25.71	24.97	-0.49	-1.232	0
15	2003	266	1645	6.303	168.2	26.01	25.54	24.77	-0.465	-1.235	0
15	2003	266	1700	6.746	171.8	25.36	25.02	24.33	-0.347	-1.032	0
15	2003	266	1715	6.279	170.1	25.01	24.8	24.25	-0.208	-0.761	0
15	2003	266	1730	5.536	168.6	24.71	24.57	24.07	-0.135	-0.632	0
15	2003	266	1745	5.481	167.5	24.66	24.58	24.11	-0.086	-0.557	0
15	2003	266	1800	5.874	163.8	24.26	24.22	23.81	-0.038	-0.448	0
15	2003	266	1815	5.654	164.2	23.81	23.83	23.47	0.017	-0.344	0
15	2003	266	1830	5.348	160.1	23.45	23.52	23.22	0.065	-0.231	0
15	2003	266	1845	4.812	153.3	23.17	23.26	23.01	0.085	-0.157	0
15	2003	266	1900	3.755	149.9	22.87	23	22.83	0.13	-0.042	0
15	2003	266	1915	3.664	142	22.57	22.74	22.65	0.164	0.077	0
15	2003	266	1930	3.949	142	22.31	22.48	22.42	0.167	0.112	0
15	2003	266	1945	3.937	143.2	22.2	22.32	22.22	0.115	0.019	0
15	2003	266	2000	3.868	136.9	22.04	22.15	22.04	0.111	0	0
15	2003	266	2015	4.49	135	21.78	21.89	21.78	0.105	0	0
15	2003	266	2030	4.402	140.7	21.58	21.7	21.55	0.118	-0.028	0
15	2003	266	2045	4.928	146	21.54	21.61	21.43	0.076	-0.107	0
15	2003	266	2100	5.845	152.4	21.6	21.68	21.45	0.077	-0.155	0
15	2003	266	2115	5.826	153.5	21.51	21.58	21.37	0.077	-0.135	0
15	2003	266	2130	5.702	152.9	21.36	21.44	21.23	0.079	-0.125	0
15	2003	266	2145	5.553	153.1	21.22	21.31	21.13	0.092	-0.089	0
15	2003	266	2200	5.084	154.1	21.13	21.24	21.08	0.108	-0.05	0
15	2003	266	2215	4.763	150.8	20.95	21.06	20.92	0.119	-0.022	0
15	2003	266	2230	4.755	147.9	20.78	20.9	20.82	0.119	0.038	0
15	2003	266	2245	4.623	149.3	20.65	20.79	20.72	0.146	0.07	0
15	2003	266	2300	4.635	154.1	20.57	20.73	20.71	0.163	0.143	0
15	2003	266	2315	5.002	156.4	20.63	20.77	20.7	0.144	0.071	0
15	2003	266	2330	5.314	160	20.58	20.73	20.67	0.152	0.092	0
15	2003	266	2345	4.819	163.6	20.44	20.58	20.49	0.138	0.052	0
15	2003	266	2400	4.473	158.1	20.19	20.34	20.32	0.156	0.128	0
24	2003	266	2400	927	11.64	906	0.106	831	50.13	908	-14.99
15	2003	267	15	4.777	160.7	20.03	20.19	20.26	0.157	0.232	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	267	30	4.79	156.6	19.83	19.98	20	0.15	0.171	0
15	2003	267	45	4.32	153	19.64	19.79	19.87	0.147	0.224	0
15	2003	267	100	4.133	153.7	19.46	19.64	19.79	0.182	0.331	0
15	2003	267	115	4.767	152	19.62	19.77	19.82	0.144	0.194	0
15	2003	267	130	4.624	153.8	19.43	19.6	19.68	0.167	0.253	0
15	2003	267	145	3.645	150.5	19.2	19.36	19.51	0.161	0.309	0
15	2003	267	200	2.899	127.3	18.84	19.09	19.36	0.243	0.52	0
15	2003	267	215	2.888	131.6	18.69	18.98	19.79	0.29	1.107	0
15	2003	267	230	2.775	138.8	18.49	18.8	19.81	0.312	1.323	0
15	2003	267	245	2.377	138.1	18.08	18.39	19.23	0.312	1.15	0
15	2003	267	300	1.781	140	18.08	18.33	19.36	0.253	1.283	0
15	2003	267	315	1.663	131.6	17.9	18.15	19.35	0.254	1.45	0
15	2003	267	330	2.051	129.2	17.92	18.16	19.58	0.239	1.656	0
15	2003	267	345	1.533	112.9	17.76	17.96	19.06	0.205	1.309	0
15	2003	267	400	2.204	115.6	17.56	17.87	18.95	0.313	1.396	0
15	2003	267	415	2.899	129.4	17.68	17.99	19.13	0.306	1.446	0
15	2003	267	430	2.954	129.3	17.58	17.85	19.26	0.276	1.68	0
15	2003	267	445	3.144	116.5	17.41	17.64	18.95	0.222	1.54	0
15	2003	267	500	3.373	120	17.36	17.63	19.26	0.267	1.904	0
15	2003	267	515	3.088	116.9	17.27	17.49	19.11	0.229	1.847	0
15	2003	267	530	2.647	107.4	17.02	17.38	19.25	0.36	2.229	0
15	2003	267	545	2.44	119.7	16.89	17.26	19.41	0.377	2.527	0
15	2003	267	600	2.647	120.4	17.17	17.54	19.71	0.373	2.543	0
15	2003	267	615	2.769	118.9	17.63	17.84	20.04	0.203	2.405	0
15	2003	267	630	3.178	125	18.4	18.3	20.06	-0.099	1.662	0
15	2003	267	645	3.272	133.2	19.01	18.72	19.21	-0.29	0.2	0
15	2003	267	700	3.138	134.5	19.73	19.27	19.02	-0.453	-0.709	0
15	2003	267	715	3.326	159.9	20.61	20.1	19.52	-0.509	-1.09	0
15	2003	267	730	3.544	168.5	21.7	21.09	20.45	-0.605	-1.248	0
15	2003	267	745	3.113	169.5	22.27	21.6	21.02	-0.67	-1.255	0
15	2003	267	800	2.422	174.8	23.2	22.53	21.92	-0.669	-1.276	0
15	2003	267	815	2.807	189.9	24.3	23.56	22.84	-0.737	-1.462	0
15	2003	267	830	2.776	213.4	24.75	23.89	23.2	-0.86	-1.549	0
15	2003	267	845	2.956	204	25.4	24.41	23.57	-0.997	-1.833	0
15	2003	267	900	2.548	195.8	25.76	24.83	24.05	-0.932	-1.719	0
15	2003	267	915	2.532	195.5	26.46	25.47	24.64	-0.985	-1.821	0

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TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	267	930	2.588	190.5	27.12	26.22	25.27	-0.89	-1.849	0
15	2003	267	945	2.841	183.2	28.12	27.01	26.05	-1.113	-2.074	0
15	2003	267	1000	3.232	182.5	28.75	27.64	26.73	-1.118	-2.027	0
15	2003	267	1015	1.568	195.4	28.82	27.96	27.3	-0.862	-1.522	0
15	2003	267	1030	1.817	167.7	29.24	28.41	27.67	-0.827	-1.568	0
15	2003	267	1045	1.368	240.3	29.46	28.74	28.19	-0.719	-1.275	0
15	2003	267	1100	1.91	225.1	30.35	29.34	28.58	-1.007	-1.763	0
15	2003	267	1115	2.054	278.5	30.67	29.61	28.96	-1.057	-1.714	0
15	2003	267	1130	1.485	95.8	30.39	29.64	28.98	-0.75	-1.413	0
15	2003	267	1145	1.972	112.6	31.71	30.65	29.64	-1.056	-2.066	0
15	2003	267	1200	2.558	270.4	31.61	30.47	29.81	-1.144	-1.802	0
15	2003	267	1215	2.197	188.7	32.22	30.99	30.25	-1.238	-1.972	0
15	2003	267	1230	1.904	150.7	32.5	31.47	30.77	-1.029	-1.729	0
15	2003	267	1245	3.202	235.2	33.33	32.1	30.96	-1.228	-2.367	0
15	2003	267	1300	2.752	183.3	32.87	31.63	30.82	-1.236	-2.043	0
15	2003	267	1315	3.533	259.7	33.39	32.09	31.03	-1.305	-2.358	0
15	2003	267	1330	1.665	298.7	32.68	31.72	31.01	-0.953	-1.671	0
15	2003	267	1345	2.576	266.3	33.19	32.23	31.4	-0.958	-1.783	0
15	2003	267	1400	1.385	334.4	32.54	31.92	31.27	-0.622	-1.271	0
15	2003	267	1415	1.831	266.4	33.7	32.86	32.01	-0.838	-1.691	0
15	2003	267	1430	2.59	247.5	34.04	32.98	32.16	-1.052	-1.876	0
15	2003	267	1445	2.978	194.4	34.3	33.19	32.21	-1.103	-2.088	0
15	2003	267	1500	3.476	232.8	34.44	33.28	32.27	-1.161	-2.17	0
15	2003	267	1515	3.673	204.3	34.6	33.38	32.4	-1.218	-2.197	0
15	2003	267	1530	2.628	225.7	34.21	33.28	32.53	-0.931	-1.679	0
15	2003	267	1545	3.196	212.1	34.62	33.52	32.63	-1.096	-1.99	0
15	2003	267	1600	4.851	186.5	33.58	32.91	32.12	-0.674	-1.463	0
15	2003	267	1615	6.849	201.1	32.33	31.81	30.98	-0.52	-1.346	0
15	2003	267	1630	8.03	209.2	29.66	29.2	28.46	-0.46	-1.194	0
15	2003	267	1645	4.269	156.7	27.2	27.52	27.07	0.325	-0.126	1.27
15	2003	267	1700	4.771	164.3	24.27	25.6	26.26	1.33	1.995	0.508
15	2003	267	1715	6.717	233.3	24.44	25.2	25.27	0.761	0.831	0
15	2003	267	1730	8.03	212.4	22.36	22.9	23.36	0.55	1.002	0.254
15	2003	267	1745	4.147	176.6	23.25	24.06	24.97	0.809	1.721	0
15	2003	267	1800	4.238	191	25.05	25.73	25.92	0.688	0.877	0
15	2003	267	1815	4.877	135.5	24.96	25.56	25.97	0.598	1.007	0



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15	2003	267	1830	3.899	145.3	25.24	26.02	26.79	0.78	1.55	0
15	2003	267	1845	2.694	136.1	24.78	25.58	26.64	0.793	1.855	0
15	2003	267	1900	3.258	140.9	24.61	25.77	27.32	1.157	2.704	0
15	2003	267	1915	3.75	118	24.69	25.63	27.88	0.947	3.197	0
15	2003	267	1930	2.691	175.9	25.71	26.57	27	0.855	1.29	0
15	2003	267	1945	1.529	300.1	23.65	26.51	27.01	2.856	3.351	0
15	2003	267	2000	7.42	49.71	24.11	24.64	25.22	0.526	1.111	0
15	2003	267	2015	7.67	43.74	22.94	23.21	23.32	0.275	0.388	0
15	2003	267	2030	8.38	37.19	21.76	22.1	22.26	0.339	0.494	0.254
15	2003	267	2045	10.47	40.01	21.26	21.48	21.57	0.219	0.31	0
15	2003	267	2100	10.65	48.37	20.33	20.72	21.36	0.398	1.035	1.016
15	2003	267	2115	8.38	49.51	19.99	20.44	21.22	0.446	1.232	0
15	2003	267	2130	6.523	58.73	20.42	20.86	21.41	0.44	0.989	0
15	2003	267	2145	5.411	96.8	20.46	20.87	21.23	0.408	0.762	0
15	2003	267	2200	6.289	122.9	20.23	20.72	20.78	0.485	0.54	0
15	2003	267	2215	5.655	116.8	19.22	19.72	20.12	0.492	0.9	0.254
15	2003	267	2230	5.905	124.3	19.22	19.81	20.91	0.591	1.689	0.254
15	2003	267	2245	4.21	123.9	19.17	19.89	21.14	0.72	1.974	0
15	2003	267	2300	3.747	154.8	19.19	19.96	21.41	0.774	2.22	0
15	2003	267	2315	4.493	177.3	18.89	19.31	20.4	0.423	1.513	0.254
15	2003	267	2330	5.11	156.8	19.26	19.69	20.17	0.433	0.915	0
15	2003	267	2345	3.592	159.3	18.73	19.1	19.75	0.374	1.023	0.508
15	2003	267	2400	3.638	192.8	18.32	18.61	19.35	0.288	1.029	0.254
24	2003	267	2400	2038	18.99	1535	17.08	532	34.37	1535	-2.085
15	2003	268	15	3.138	169.7	18.31	18.56	19.32	0.251	1.007	0.254
15	2003	268	30	2.175	130.1	18.41	18.64	19.35	0.229	0.94	0.254
15	2003	268	45	1.747	208.8	18.6	19.03	19.23	0.427	0.637	0.254
15	2003	268	100	1.193	123.8	18.71	19.27	19.41	0.555	0.702	0.254
15	2003	268	115	1	289.5	18.44	19.32	19.41	0.883	0.968	0
15	2003	268	130	0.696	346.9	18.69	19.49	19.93	0.803	1.248	0
15	2003	268	145	1.392	20.44	18.88	19.98	19.98	1.104	1.104	0
15	2003	268	200	3.457	11.98	18.61	18.97	19.56	0.358	0.949	0
15	2003	268	215	3.635	14.64	18.53	18.79	19.69	0.268	1.168	0
15	2003	268	230	3.653	40.84	18.64	19	19.82	0.359	1.18	0
15	2003	268	245	3.817	32.7	18.62	18.87	19.78	0.257	1.16	0.254
15	2003	268	300	3.885	39.62	18.84	19.14	20.13	0.299	1.289	0

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15	2003	268	315	3.232	38.16	19.01	19.3	20.14	0.289	1.126	0
15	2003	268	330	2.1	33.33	18.88	19.14	19.52	0.261	0.643	0
15	2003	268	345	1.131	23.48	18.77	18.97	19.24	0.198	0.473	0
15	2003	268	400	1.927	31.73	18.76	19.05	19.61	0.294	0.856	0
15	2003	268	415	2.071	9.65	18.75	18.96	19.27	0.212	0.523	0
15	2003	268	430	2.516	7.13	18.9	19.09	19.25	0.185	0.351	0
15	2003	268	445	2.65	24.73	18.93	19.09	19.19	0.166	0.258	0
15	2003	268	500	2.979	22.24	18.83	18.96	19.02	0.129	0.197	0
15	2003	268	515	3.523	18.68	18.79	18.89	18.95	0.096	0.161	0
15	2003	268	530	3.577	13.01	18.78	18.83	18.77	0.05	-0.013	0
15	2003	268	545	2.988	21.16	18.63	18.67	18.58	0.043	-0.043	0
15	2003	268	600	3.697	33.94	18.47	18.54	18.49	0.071	0.013	0
15	2003	268	615	3.542	28.09	18.37	18.4	18.27	0.034	-0.098	0
15	2003	268	630	3.693	11.84	18.28	18.3	18.08	0.013	-0.207	0
15	2003	268	645	4.198	13.87	18.21	18.19	17.99	-0.016	-0.221	0
15	2003	268	700	4.457	10.38	18.19	18.17	17.9	-0.019	-0.284	0
15	2003	268	715	4.54	22.22	18.1	18.07	17.78	-0.024	-0.318	0
15	2003	268	730	4.665	25.51	18.09	18.07	17.77	-0.021	-0.324	0
15	2003	268	745	3.824	25.89	18.16	18.12	17.8	-0.047	-0.364	0
15	2003	268	800	4.134	26.61	18.3	18.24	17.87	-0.066	-0.426	0
15	2003	268	815	3.806	11.45	18.39	18.31	17.92	-0.077	-0.474	0
15	2003	268	830	3.612	12.03	18.41	18.34	17.93	-0.074	-0.477	0
15	2003	268	845	2.98	21.02	18.5	18.38	17.97	-0.114	-0.532	0
15	2003	268	900	2.874	30.5	18.57	18.43	17.98	-0.142	-0.588	0
15	2003	268	915	3.888	15.91	18.42	18.31	17.9	-0.109	-0.52	0
15	2003	268	930	4.197	30.22	18.41	18.36	17.98	-0.055	-0.435	0
15	2003	268	945	4.701	41.85	18.07	18.09	17.84	0.02	-0.235	0
15	2003	268	1000	4.401	36.36	17.36	17.38	17.31	0.019	-0.053	0.762
15	2003	268	1015	3.99	37.85	17.14	17.04	17.17	-0.101	0.035	0.762
15	2003	268	1030	4.196	33.52	17.28	17.13	17.5	-0.15	0.226	0
15	2003	268	1045	3.763	25.55	17.63	17.46	17.76	-0.169	0.13	0
15	2003	268	1100	3.754	25.33	17.83	17.67	17.84	-0.152	0.01	0
15	2003	268	1115	3.613	28.85	18.04	17.91	17.89	-0.129	-0.153	0
15	2003	268	1130	3.407	24.45	18.18	18.06	17.97	-0.121	-0.214	0
15	2003	268	1145	3.771	37.71	18.36	18.26	18.13	-0.097	-0.222	0
15	2003	268	1200	3.416	42.58	18.52	18.42	18.16	-0.102	-0.355	0

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15	2003	268	1215	3.215	47.71	18.67	18.54	18.2	-0.132	-0.473	0
15	2003	268	1230	3.305	47.72	18.69	18.5	18.13	-0.193	-0.563	0
15	2003	268	1245	3.093	57.06	19.03	18.7	18.21	-0.336	-0.821	0
15	2003	268	1300	3.055	35.21	19.3	18.87	18.33	-0.432	-0.977	0
15	2003	268	1315	3.244	46.49	19.56	19.04	18.39	-0.521	-1.174	0
15	2003	268	1330	3.01	49.65	19.81	19.24	18.61	-0.569	-1.195	0
15	2003	268	1345	3.591	42.4	19.89	19.31	18.75	-0.573	-1.135	0
15	2003	268	1400	3.191	16.08	19.98	19.47	18.81	-0.512	-1.17	0
15	2003	268	1415	2.884	20.37	20.25	19.72	19.1	-0.533	-1.15	0
15	2003	268	1430	2.935	6.481	20.65	20.05	19.38	-0.601	-1.271	0
15	2003	268	1445	3.245	23.05	21.22	20.46	19.74	-0.761	-1.474	0
15	2003	268	1500	2.991	12.06	21.36	20.68	20.01	-0.675	-1.354	0
15	2003	268	1515	3.364	6.554	21.3	20.63	19.97	-0.669	-1.326	0
15	2003	268	1530	3.326	12.01	21.47	20.88	20.17	-0.588	-1.296	0
15	2003	268	1545	3.203	0.086	21.23	20.79	20.23	-0.431	-0.995	0
15	2003	268	1600	2.478	354.9	21.3	20.87	20.28	-0.428	-1.025	0
15	2003	268	1615	1.886	338	21.05	20.72	20.18	-0.325	-0.873	0
15	2003	268	1630	0.759	311.4	21.11	20.86	20.41	-0.251	-0.703	0
15	2003	268	1645	1.675	166.7	21.18	20.94	20.51	-0.24	-0.673	0
15	2003	268	1700	2.575	185.1	21.9	21.52	20.87	-0.383	-1.028	0
15	2003	268	1715	1.93	240.4	21.63	21.44	20.94	-0.188	-0.687	0
15	2003	268	1730	1.341	351.4	21.49	21.39	20.97	-0.094	-0.517	0
15	2003	268	1745	2.836	3.065	21.14	21.06	20.67	-0.078	-0.463	0
15	2003	268	1800	3.328	7.03	20.78	20.7	20.37	-0.073	-0.407	0
15	2003	268	1815	2.166	6.025	20.65	20.6	20.39	-0.05	-0.264	0
15	2003	268	1830	1.729	349.2	20.53	20.49	20.17	-0.045	-0.364	0
15	2003	268	1845	2.412	26.52	20.4	20.33	19.99	-0.067	-0.407	0
15	2003	268	1900	2.196	37.83	20.23	20.17	19.83	-0.058	-0.407	0
15	2003	268	1915	1.938	66	20.07	20.08	19.76	0.012	-0.309	0
15	2003	268	1930	3.414	98.3	19.61	19.79	19.63	0.186	0.025	0
15	2003	268	1945	3.161	99.3	19.27	19.39	19.46	0.121	0.19	0
15	2003	268	2000	2.615	104.7	18.9	19.11	19.14	0.211	0.245	0
15	2003	268	2015	3.052	114.4	18.7	18.93	19.17	0.235	0.475	0
15	2003	268	2030	2.988	120.9	18.35	18.64	19.09	0.29	0.736	0
15	2003	268	2045	2.506	118.4	18.1	18.44	19.1	0.341	0.999	0
15	2003	268	2100	1.722	111.1	17.74	18.16	19	0.424	1.264	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	268	2115	1.41	106.9	17.43	17.95	19.03	0.525	1.602	0
15	2003	268	2130	1.739	100.1	17.11	17.85	19.04	0.741	1.925	0
15	2003	268	2145	1.948	97.7	16.59	17.61	18.94	1.021	2.347	0
15	2003	268	2200	0.857	88.1	16.33	17.05	18.65	0.722	2.322	0
15	2003	268	2215	0.754	124.5	16.36	17.11	18.59	0.758	2.232	0
15	2003	268	2230	2.06	109.4	16.25	17.19	18.53	0.936	2.273	0
15	2003	268	2245	2.119	116.7	15.94	16.87	18.39	0.936	2.458	0
15	2003	268	2300	1.5	109.2	15.79	16.39	18.22	0.598	2.426	0
15	2003	268	2315	1.884	99.8	15.79	16.32	18.33	0.532	2.544	0
15	2003	268	2330	1.226	92.4	15.59	16.14	18.26	0.546	2.672	0
15	2003	268	2345	0.643	62.7	15.06	15.65	18.36	0.584	3.292	0
15	2003	268	2400	2.379	94.4	15.29	15.68	18.37	0.387	3.076	0
24	2003	268	2400	721	8.74	1653	15.46	2342	21.92	1653	-1.178
15	2003	269	15	2.873	95.5	15.35	15.69	18.22	0.338	2.875	0
15	2003	269	30	2.714	100.9	15.41	15.78	18.07	0.362	2.653	0
15	2003	269	45	2.867	106.5	15.42	15.92	18.11	0.506	2.691	0
15	2003	269	100	2.878	110.2	15.33	15.87	18.21	0.542	2.882	0
15	2003	269	115	3.053	109.5	15.24	15.87	17.99	0.632	2.755	0
15	2003	269	130	2.002	152.8	14.84	15.44	17.41	0.599	2.562	0
15	2003	269	145	1.373	186.6	14.36	14.96	17.26	0.596	2.895	0
15	2003	269	200	1.657	197.3	13.98	14.6	17.74	0.616	3.754	0
15	2003	269	215	1.462	196.2	13.6	14.22	18.23	0.621	4.637	0
15	2003	269	230	1.131	158.9	13.35	<b>13.95</b>	<b>19.11</b>	0.597	5.763	0
15	2003	269	245	1.256	150.2	13.09	<b>13.73</b>	<b>19.85</b>	0.644	6.764	0
15	2003	269	300	2.032	137.1	12.8	<b>13.85</b>	<b>21.03</b>	1.056	8.23	0
15	2003	269	315	1.964	133.2	13.32	<b>13.67</b>	<b>22.04</b>	0.346	8.71	0
15	2003	269	330	1.326	160.6	13.68	<b>13.53</b>	<b>21.28</b>	-0.15	7.6	0
15	2003	269	345	1.243	162.9	13.38	<b>13.44</b>	<b>22.02</b>	0.064	8.64	0
15	2003	269	400	1.443	132.3	13.54	<b>13.58</b>	<b>22.58</b>	0.041	9.04	0
15	2003	269	415	1.978	143.4	13.78	<b>13.76</b>	<b>23.4</b>	-0.021	9.62	0
15	2003	269	430	1.333	164.2	13.88	<b>13.89</b>	<b>24.57</b>	0.017	10.7	0
15	2003	269	445	1.156	182.9	13.95	<b>13.84</b>	<b>24.47</b>	-0.111	10.52	0
15	2003	269	500	1.936	168.4	13.98	<b>13.66</b>	<b>24.89</b>	-0.318	10.91	0
15	2003	269	515	2.212	157.5	13.88	<b>13.52</b>	<b>25.62</b>	-0.361	11.73	0
15	2003	269	530	2.028	147.1	13.8	<b>13.46</b>	<b>25.78</b>	-0.346	11.97	0
15	2003	269	545	2.371	127.6	13.79	<b>13.27</b>	<b>26.02</b>	-0.516	12.23	0

Purple Values = Unusual Occurrence - Rapid temperature rise at 50-Meters cause Strong Inversion/Saturated Conditions (100% RH)

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	269	600	2.447	121.4	13.76	13.23	26.17	-0.531	12.41	0
15	2003	269	615	1.816	114.2	13.78	13.28	25.96	-0.503	12.18	0
15	2003	269	630	2.116	126.3	13.92	13.51	25.49	-0.411	11.57	0
15	2003	269	645	1.984	135.5	14.31	13.84	23.82	-0.472	9.51	0
15	2003	269	700	1.839	133	14.35	14.01	22.16	-0.336	7.81	0
15	2003	269	715	1.783	138.6	14.9	14.42	20.97	-0.476	6.069	0
15	2003	269	730	2.02	151	15.6	15.17	20.02	-0.433	4.419	0
15	2003	269	745	1.969	148.6	16.96	16.51	18.64	-0.449	1.681	0
15	2003	269	800	2.209	142.9	18.05	17.49	18.27	-0.558	0.226	0
15	2003	269	815	3.01	161.7	18.84	18.23	18.37	-0.601	-0.469	0
15	2003	269	830	2.91	168.8	19.59	18.9	18.57	-0.688	-1.02	0
15	2003	269	845	3.105	160.4	20.29	19.46	18.82	-0.824	-1.47	0
15	2003	269	900	2.99	179.9	20.6	19.79	19.2	-0.806	-1.402	0
15	2003	269	915	2.818	178.8	21.05	20.18	19.57	-0.866	-1.478	0
15	2003	269	930	2.516	191.8	21.64	20.83	20.06	-0.81	-1.571	0
15	2003	269	945	2.642	189.1	22.19	21.33	20.53	-0.863	-1.668	0
15	2003	269	1000	2.312	208.1	22.7	21.76	20.96	-0.946	-1.746	0
15	2003	269	1015	2.494	183.9	23.24	22.32	21.45	-0.916	-1.788	0
15	2003	269	1030	2.759	189.2	23.7	22.72	21.97	-0.979	-1.738	0
15	2003	269	1045	3.01	195.6	24.6	23.47	22.47	-1.124	-2.128	0
15	2003	269	1100	2.783	199.8	24.82	23.86	23.03	-0.958	-1.787	0
15	2003	269	1115	2.877	202.2	25.64	24.5	23.56	-1.144	-2.088	0
15	2003	269	1130	2.378	202.4	25.75	24.79	24	-0.957	-1.749	0
15	2003	269	1145	2.501	186.1	26.3	25.35	24.49	-0.947	-1.811	0
15	2003	269	1200	2.562	199.1	26.89	25.85	24.99	-1.048	-1.905	0
15	2003	269	1215	3.146	195.3	27.46	26.41	25.42	-1.051	-2.04	0
15	2003	269	1230	2.58	196.4	27.92	26.81	25.9	-1.105	-2.023	0
15	2003	269	1245	2.561	206.6	28.16	27.11	26.42	-1.044	-1.736	0
15	2003	269	1300	2.06	218.7	28.49	27.64	26.9	-0.85	-1.589	0
15	2003	269	1315	2.018	216.9	28.89	27.95	27.35	-0.933	-1.537	0
15	2003	269	1330	2.525	185.3	29.5	28.54	27.8	-0.965	-1.701	0
15	2003	269	1345	2.078	197.9	29.73	28.89	28.12	-0.831	-1.602	0
15	2003	269	1400	1.995	190.5	30.11	29.39	28.53	-0.728	-1.584	0
15	2003	269	1415	1.783	235	29.92	29.22	28.65	-0.694	-1.266	0
15	2003	269	1430	1.434	184.9	30.22	29.62	29.02	-0.6	-1.202	0
15	2003	269	1445	1.311	126	30.56	29.96	29.27	-0.602	-1.284	0

Purple Values = Unusual Occurrence - Rapid temperature rise at 50-Meters cause Strong Inversion/Saturated Conditions (100% RH)

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	269	1500	1.922	190.6	30.69	29.91	29.19	-0.783	-1.498	0
15	2003	269	1515	1.738	192.8	30.67	30.24	29.68	-0.434	-0.991	0
15	2003	269	1530	2.214	138.9	30.94	30.29	29.66	-0.651	-1.278	0
15	2003	269	1545	1.37	35.1	30.73	30.31	29.68	-0.423	-1.051	0
15	2003	269	1600	1.629	206.4	31.37	30.82	30.09	-0.547	-1.279	0
15	2003	269	1615	1.393	222	30.91	30.47	29.94	-0.434	-0.972	0
15	2003	269	1630	0.802	265.8	30.76	30.51	30.03	-0.252	-0.73	0
15	2003	269	1645	1.391	166.8	30.89	30.54	30.04	-0.356	-0.854	0
15	2003	269	1700	2.022	163	30.46	30.27	29.77	-0.187	-0.687	0
15	2003	269	1715	2.148	163.1	30.06	30.1	29.69	0.044	-0.364	0
15	2003	269	1730	1.679	163.4	29.34	29.79	29.57	0.45	0.227	0
15	2003	269	1745	1.717	160.4	28.29	29.57	29.46	1.279	1.173	0
15	2003	269	1800	2.084	160.8	26.75	28.9	29.22	2.148	2.473	0
15	2003	269	1815	2.994	150	25.19	27.88	29.11	2.687	3.92	0
15	2003	269	1830	3.391	139.6	24.8	27.27	29.18	2.468	4.376	0
15	2003	269	1845	3.604	132.4	24.74	26.02	28.2	1.276	3.461	0
15	2003	269	1900	3.581	121.1	24.32	25.27	27.46	0.95	3.145	0
15	2003	269	1915	4.099	118.8	24.12	24.9	27.21	0.78	3.095	0
15	2003	269	1930	4.699	119.4	24.37	24.81	25.65	0.441	1.274	0
15	2003	269	1945	4.45	119.9	24.18	24.59	25.12	0.418	0.948	0
15	2003	269	2000	4.135	117.1	23.86	24.32	25.02	0.466	1.162	0
15	2003	269	2015	3.813	118.6	23.37	23.9	24.79	0.528	1.416	0
15	2003	269	2030	4.18	122.4	23.1	23.62	24.66	0.524	1.562	0
15	2003	269	2045	4.299	127.1	22.92	23.4	24.15	0.485	1.234	0
15	2003	269	2100	4.514	129.6	22.74	23.12	23.57	0.377	0.832	0
15	2003	269	2115	4.598	134	22.52	22.9	23.22	0.372	0.698	0
15	2003	269	2130	4.893	135.7	22.34	22.66	22.98	0.323	0.641	0
15	2003	269	2145	4.358	138	21.96	22.28	22.77	0.322	0.815	0
15	2003	269	2200	4.189	140.1	21.67	22.01	22.54	0.337	0.869	0
15	2003	269	2215	4.023	141.3	21.31	21.67	22.16	0.363	0.854	0
15	2003	269	2230	3.787	149.6	21.14	21.48	21.88	0.341	0.741	0
15	2003	269	2245	3.378	154.5	20.71	21.15	21.58	0.432	0.868	0
15	2003	269	2300	3.038	171.3	20.54	20.98	21.29	0.444	0.748	0
15	2003	269	2315	2.431	181.5	19.98	20.69	21.03	0.702	1.044	0
15	2003	269	2330	2.101	181.5	19.46	20.54	20.89	1.076	1.429	0
15	2003	269	2345	2.48	165.7	19.61	20.54	21.01	0.932	1.397	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	269	2400	0.856	191.1	19.67	20.4	20.87	0.725	1.198	0
24	2003	269	2400	2113	10.27	1547	13.13	600	31.19	1547	-1.791
15	2003	270	15	1.915	150.1	19.03	20.52	20.89	1.485	1.856	0
15	2003	270	30	1.056	171.3	18.28	19.86	20.79	1.585	2.517	0
15	2003	270	45	1.906	152.1	17.95	19.8	20.72	1.849	2.77	0
15	2003	270	100	2.189	163.3	17.75	20.11	20.64	2.36	2.89	0
15	2003	270	115	2.471	161.5	17.54	20.12	20.56	2.576	3.019	0
15	2003	270	130	2.715	156.1	17.29	19.78	20.6	2.492	3.313	0
15	2003	270	145	2.684	143.6	17.04	19.56	20.52	2.523	3.48	0
15	2003	270	200	2.59	140.9	17.03	19.72	20.43	2.69	3.394	0
15	2003	270	215	2.417	142.6	17.11	19.96	20.4	2.849	3.288	0
15	2003	270	230	1.884	132.4	16.83	19.76	20.22	2.929	3.39	0
15	2003	270	245	1.997	123	16.76	19.59	20.27	2.832	3.51	0
15	2003	270	300	2.44	112.3	16.65	19.36	20.43	2.708	3.78	0
15	2003	270	315	2.922	120.3	16.53	19.33	20.85	2.8	4.316	0
15	2003	270	330	1.959	104.1	15.8	18	20.47	2.193	4.668	0
15	2003	270	345	1.935	105.7	15.6	17.55	20.57	1.942	4.971	0
15	2003	270	400	1.446	115.7	15.74	17.61	20.56	1.866	4.82	0
15	2003	270	415	1.86	92.3	15.37	17.69	20.71	2.31	5.333	0
15	2003	270	430	2.289	91.5	15.62	17.55	20.73	1.935	5.112	0
15	2003	270	445	1.982	97.4	15.7	17.29	20.67	1.583	4.964	0
15	2003	270	500	1.446	93.6	15.31	16.77	20.74	1.463	5.431	0
15	2003	270	515	1.607	89.1	14.6	16.97	20.61	2.37	6.012	0
15	2003	270	530	2.282	96.2	14.71	17.17	20.47	2.462	5.761	0
15	2003	270	545	2.329	112.4	15.13	17.44	20.6	2.305	5.473	0
15	2003	270	600	1.303	114	15.88	17.15	20.87	1.274	4.99	0
15	2003	270	615	0.855	83.9	15.87	17.28	20.93	1.405	5.055	0
15	2003	270	630	0.632	58.43	16.03	17.56	20.6	1.526	4.567	0
15	2003	270	645	1.239	26.13	17.42	18.2	20.54	0.78	3.117	0
15	2003	270	700	1.755	6.421	18.6	18.5	20.03	-0.097	1.429	0
15	2003	270	715	1.425	23.93	19.48	19.22	20.1	-0.264	0.623	0
15	2003	270	730	3.777	29.78	20.7	20.45	20.12	-0.249	-0.581	0
15	2003	270	745	6.094	73	21.31	21.03	20.4	-0.283	-0.905	0
15	2003	270	800	6.399	72.1	20.83	20.37	19.6	-0.465	-1.236	0
15	2003	270	815	5.094	71.4	21.41	20.87	20.1	-0.541	-1.309	0
15	2003	270	830	5.447	70.6	21.8	21.09	20.26	-0.707	-1.539	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	270	845	4.748	74.9	22.32	21.63	20.66	-0.685	-1.653	0
15	2003	270	900	5.027	76.2	22.57	21.83	21.01	-0.745	-1.562	0
15	2003	270	915	4.939	91.9	23.27	22.43	21.34	-0.839	-1.934	0
15	2003	270	930	4.592	85.7	23.63	22.76	21.65	-0.869	-1.971	0
15	2003	270	945	4.74	78.9	23.88	22.91	21.94	-0.965	-1.938	0
15	2003	270	1000	4.4	73	23.76	22.93	22.16	-0.827	-1.598	0
15	2003	270	1015	3.777	70.7	24.6	23.65	22.68	-0.948	-1.916	0
15	2003	270	1030	4.136	83.8	24.73	23.77	22.82	-0.959	-1.902	0
15	2003	270	1045	4.214	90.7	25.27	24.19	23.24	-1.078	-2.027	0
15	2003	270	1100	4.198	94.4	25.82	24.73	23.65	-1.084	-2.172	0
15	2003	270	1115	4.168	89.5	25.56	24.48	23.66	-1.078	-1.899	0
15	2003	270	1130	4.399	92.4	26.16	25.17	24.19	-0.99	-1.969	0
15	2003	270	1145	4.674	85.1	26.52	25.33	24.46	-1.199	-2.063	0
15	2003	270	1200	4.221	100.2	27.18	25.92	24.91	-1.256	-2.268	0
15	2003	270	1215	4.088	91.9	26.57	25.76	24.96	-0.813	-1.616	0
15	2003	270	1230	4.486	94.4	27.02	25.99	25.24	-1.028	-1.783	0
15	2003	270	1245	4.462	103.3	28.18	26.96	25.81	-1.218	-2.372	0
15	2003	270	1300	4.667	120	27.61	26.53	25.69	-1.086	-1.921	0
15	2003	270	1315	4.607	91.8	27.7	26.62	25.69	-1.076	-2.009	0
15	2003	270	1330	4.736	92.5	28.07	26.91	25.83	-1.16	-2.243	0
15	2003	270	1345	4.749	93.3	27.97	26.99	26.05	-0.979	-1.921	0
15	2003	270	1400	4.601	116.5	28.76	27.55	26.4	-1.209	-2.355	0
15	2003	270	1415	4.74	100.7	27.76	26.92	26.1	-0.839	-1.66	0
15	2003	270	1430	4.469	93.2	27.65	27.02	26.19	-0.633	-1.467	0
15	2003	270	1445	5.014	107.7	28.75	27.58	26.46	-1.172	-2.29	0
15	2003	270	1500	4.525	130.5	28.79	27.64	26.64	-1.149	-2.141	0
15	2003	270	1515	5.314	105.6	28.22	27.3	26.45	-0.919	-1.773	0
15	2003	270	1530	4.414	102.6	27.85	27.07	26.26	-0.779	-1.592	0
15	2003	270	1545	4.723	102.4	27.5	26.98	26.19	-0.518	-1.308	0
15	2003	270	1600	4.704	103.1	27.69	27.07	26.27	-0.619	-1.419	0
15	2003	270	1615	5.444	97.3	27.48	26.9	26.14	-0.579	-1.343	0
15	2003	270	1630	5.717	93.2	27.45	26.88	26.07	-0.566	-1.377	0
15	2003	270	1645	5.323	94.3	26.56	26.35	25.72	-0.21	-0.84	0
15	2003	270	1700	5.297	97.6	26.43	26.19	25.59	-0.243	-0.841	0
15	2003	270	1715	5.714	104.9	26.18	26.02	25.49	-0.155	-0.685	0
15	2003	270	1730	5.361	111.8	25.71	25.7	25.29	-0.011	-0.424	0



### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	270	1745	4.845	105.7	25.15	25.22	24.92	0.076	-0.229	0
15	2003	270	1800	4.483	104.7	24.72	24.86	24.67	0.138	-0.052	0
15	2003	270	1815	4.431	98.8	24.28	24.42	24.28	0.14	0.003	0
15	2003	270	1830	3.899	100	23.84	24.01	24	0.168	0.155	0
15	2003	270	1845	4.271	100	23.52	23.68	23.67	0.153	0.15	0
15	2003	270	1900	4.629	104.6	23.29	23.45	23.43	0.158	0.139	0
15	2003	270	1915	4.427	106.7	22.91	23.07	23.13	0.161	0.219	0
15	2003	270	1930	4.776	109.4	22.71	22.85	22.85	0.139	0.135	0
15	2003	270	1945	5.075	105.2	22.42	22.55	22.46	0.129	0.032	0
15	2003	270	2000	5.024	105.4	22.11	22.24	22.15	0.131	0.037	0
15	2003	270	2015	5.421	106.1	21.98	22.11	21.98	0.128	-0.008	0
15	2003	270	2030	5.796	110.2	21.79	21.9	21.76	0.111	-0.035	0
15	2003	270	2045	5.878	111.1	21.56	21.68	21.53	0.12	-0.028	0
15	2003	270	2100	5.919	111.7	21.34	21.47	21.32	0.131	-0.027	0
15	2003	270	2115	5.893	111.5	21.12	21.26	21.12	0.144	0.004	0
15	2003	270	2130	5.703	110	20.9	21.04	20.93	0.137	0.026	0
15	2003	270	2145	5.515	108.4	20.76	20.89	20.81	0.127	0.046	0
15	2003	270	2200	5.871	108.1	20.64	20.78	20.68	0.136	0.044	0
15	2003	270	2215	5.743	109.5	20.45	20.58	20.55	0.138	0.099	0
15	2003	270	2230	5.702	109.7	20.26	20.4	20.39	0.144	0.137	0
15	2003	270	2245	5.74	110.1	20.15	20.28	20.26	0.133	0.112	0
15	2003	270	2300	5.573	109.4	20	20.14	20.13	0.137	0.128	0
15	2003	270	2315	5.492	112.3	19.89	20.03	20.01	0.138	0.122	0
15	2003	270	2330	5.44	113.1	19.82	19.96	19.93	0.136	0.106	0
15	2003	270	2345	5.486	109.7	19.65	19.79	19.79	0.137	0.139	0
15	2003	270	2400	6.264	113.4	19.56	19.71	19.65	0.145	0.081	0
24	2003	270	2400	727	13.43	1437	16.44	458	28.61	1437	-2.061
15	2003	271	15	6.18	112.9	19.45	19.58	19.55	0.138	0.103	0
15	2003	271	30	5.662	113.9	19.28	19.42	19.42	0.14	0.139	0
15	2003	271	45	5.205	114	19.13	19.26	19.27	0.132	0.135	0
15	2003	271	100	5.236	114	19.27	19.31	19.21	0.033	-0.064	0
15	2003	271	115	5.553	109.5	19.25	19.24	19.05	-0.013	-0.197	0
15	2003	271	130	6.07	111.9	19.19	19.21	19	0.017	-0.194	0
15	2003	271	145	5.166	111.5	19.09	19.11	18.93	0.02	-0.154	0
15	2003	271	200	4.365	108.6	18.91	18.92	18.74	0.016	-0.163	0
15	2003	271	215	4.519	106.6	18.49	18.57	18.43	0.082	-0.058	0

### September 2003 Validated Meteorology Data

TIME INTERVAL min	YEAR	JULIAN DATE	TIME HOUR	10-METER WIND SPEED M/S	10-METER WIND DIRECTION DIR DEG	2-METER TEMP DEG C	10-METER TEMP DEG C	50-METER TEMP DEG C	10-2 M TEMP DIFF	50-2 METER DIFF	PRECIP mm
15	2003	271	230	4.78	106.2	18.19	18.25	18.15	0.063	-0.041	0
15	2003	271	245	4.924	104.5	18	18.04	17.97	0.033	-0.034	0
15	2003	271	300	5.13	103.6	17.71	17.79	17.85	0.083	0.141	0
15	2003	271	315	5.161	106.8	17.41	17.53	17.7	0.121	0.298	0
15	2003	271	330	5.147	105.1	17.2	17.31	17.56	0.11	0.351	0
15	2003	271	345	5.111	106.3	17.17	17.29	17.43	0.111	0.257	0
15	2003	271	400	5.096	102.1	16.95	17.1	17.44	0.15	0.493	0
15	2003	271	415	5.042	101.9	16.9	17.05	17.39	0.151	0.49	0
15	2003	271	430	5.643	97.2	16.93	17.05	17.33	0.121	0.393	0
15	2003	271	445	5.539	96.2	17.03	17.15	17.45	0.119	0.421	0
15	2003	271	500	5.506	97.8	16.89	17.03	17.24	0.142	0.349	0
15	2003	271	515	5.636	98.6	16.78	16.9	17.1	0.118	0.319	0
15	2003	271	530	5.647	100.2	16.64	16.76	16.91	0.114	0.266	0
15	2003	271	545	5.374	98	16.42	16.53	16.69	0.104	0.264	0
15	2003	271	600	5.568	97.7	16.44	16.52	16.58	0.075	0.134	0
15	2003	271	615	5.519	99.1	16.51	16.54	16.59	0.03	0.083	0
15	2003	271	630	5.569	102.3	16.89	16.81	16.81	-0.075	-0.081	0
15	2003	271	645	5.701	111.3	17.43	17.24	17	-0.185	-0.426	0
15	2003	271	700	5.562	116.8	17.82	17.55	17.16	-0.273	-0.663	0
15	2003	271	715	5.841	120.7	18.63	18.23	17.63	-0.401	-0.998	0
15	2003	271	730	5.867	123.4	19.44	18.92	18.23	-0.512	-1.211	0
15	2003	271	745	6.459	123.6	19.84	19.34	18.67	-0.502	-1.173	0
15	2003	271	800	6.516	128.8	20.33	19.73	18.95	-0.604	-1.384	0
15	2003	271	815	6.768	131	20.83	20.06	19.23	-0.762	-1.593	0
15	2003	271	830	6.81	131.6	21.32	20.39	19.55	-0.93	-1.768	0
15	2003	271	845	5.702	142.1	21.9	21.06	20.1	-0.833	-1.798	0
15	2003	271	900	6.148	152.3	22.38	21.23	20.12	-1.151	-2.26	0
15	2003	271	915	5.858	153.2	22.39	21.46	20.38	-0.921	-2.008	0
15	2003	271	930	5.741	157.7	21.98	21.25	20.38	-0.732	-1.604	0
15	2003	271	945	5.893	158.7	22.51	21.55	20.59	-0.962	-1.921	0
15	2003	271	1000	5.728	156.8	23.23	22.08	21.05	-1.156	-2.181	0
15	2003	271	1015	5.64	155.9	23.77	22.46	21.41	-1.309	-2.363	0
15	2003	271	1030	5.938	156.4	24.24	22.79	21.68	-1.448	-2.56	0
15	2003	271	1045	5.733	163.4	24.54	23.3	22.08	-1.241	-2.46	0
15	2003	271	1100	6.104	157.1	25.06	23.63	22.4	-1.431	-2.665	0
15	2003	271	1115	5.884	158	25.31	23.91	22.74	-1.397	-2.563	0

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15	2003	271	1130	6.008	158.5	25.62	24.15	22.93	-1.474	-2.697	0
15	2003	271	1145	5.965	167.3	25.89	24.45	23.34	-1.442	-2.551	0
15	2003	271	1200	5.951	172.6	26.28	24.77	23.71	-1.512	-2.576	0
15	2003	271	1215	5.876	146.7	26.31	24.87	23.78	-1.44	-2.523	0
15	2003	271	1230	5.8	168.5	26.79	25.35	24.03	-1.436	-2.756	0
15	2003	271	1245	6.128	158.1	26.78	25.43	24.31	-1.354	-2.47	0
15	2003	271	1300	5.502	154.8	27.18	25.76	24.59	-1.42	-2.594	0
15	2003	271	1315	6.197	159.1	27.19	25.83	24.81	-1.365	-2.385	0
15	2003	271	1330	6.071	172.8	27.59	26.23	25.07	-1.367	-2.527	0
15	2003	271	1345	6.003	163.2	27.61	26.31	25.25	-1.292	-2.356	0
15	2003	271	1400	5.827	175.1	28.34	26.93	25.68	-1.406	-2.662	0
15	2003	271	1415	6.232	168.3	28.26	26.97	25.95	-1.29	-2.311	0
15	2003	271	1430	5.73	178.3	28.07	26.86	25.79	-1.215	-2.279	0
15	2003	271	1445	5.681	167.2	27.92	26.85	25.9	-1.07	-2.015	0
15	2003	271	1500	6.274	164.8	27.63	26.58	25.82	-1.049	-1.809	0
15	2003	271	1515	5.627	171.5	27.99	26.99	25.97	-1	-2.025	0
15	2003	271	1530	5.703	166.9	27.96	26.94	25.99	-1.02	-1.968	0
15	2003	271	1545	5.657	155.3	27.65	26.75	25.93	-0.905	-1.723	0
15	2003	271	1600	5.728	157.4	27.7	26.87	26	-0.831	-1.696	0
15	2003	271	1615	5.704	165.2	27.59	26.84	26.07	-0.755	-1.519	0
15	2003	271	1630	5.97	154.2	27.3	26.64	25.87	-0.66	-1.433	0
15	2003	271	1645	5.764	145.5	27.01	26.5	25.85	-0.515	-1.17	0
15	2003	271	1700	5.692	154.6	26.76	26.43	25.79	-0.327	-0.976	0
15	2003	271	1715	5.462	151.3	26.33	26.18	25.64	-0.157	-0.698	0
15	2003	271	1730	5.563	139.7	25.92	25.9	25.47	-0.021	-0.445	0
15	2003	271	1745	5.363	137.3	25.45	25.53	25.23	0.075	-0.227	0
15	2003	271	1800	5.151	138.2	25.03	25.16	24.95	0.124	-0.087	0
15	2003	271	1815	5.089	137.1	24.71	24.88	24.71	0.168	0	0
15	2003	271	1830	4.125	132.4	24.26	24.48	24.45	0.219	0.19	0
15	2003	271	1845	4.368	130	23.94	24.17	24.17	0.224	0.232	0
15	2003	271	1900	4.132	123.9	23.59	23.8	23.85	0.202	0.259	0
15	2003	271	1915	4.302	123.6	23.24	23.43	23.54	0.194	0.303	0
15	2003	271	1930	4.565	124.8	23.04	23.24	23.31	0.198	0.263	0
15	2003	271	1945	5.231	127.2	22.89	23.07	23.04	0.174	0.148	0
15	2003	271	2000	6.053	130	22.87	23.03	22.92	0.158	0.049	0
15	2003	271	2015	6.492	131.4	22.83	22.95	22.81	0.112	-0.026	0

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15	2003	271	2030	6.705	134.7	22.74	22.85	22.68	0.115	-0.058	0
15	2003	271	2045	6.781	134.9	22.57	22.67	22.48	0.109	-0.081	0
15	2003	271	2100	6.948	134.5	22.35	22.46	22.28	0.111	-0.068	0
15	2003	271	2115	7.37	135	22.17	22.26	22.03	0.09	-0.145	0
15	2003	271	2130	8.06	140.3	21.96	22.02	21.76	0.06	-0.204	0
15	2003	271	2145	7.88	144	21.72	21.78	21.53	0.063	-0.19	0
15	2003	271	2200	6.572	138.9	21.4	21.48	21.26	0.083	-0.136	0
15	2003	271	2215	6.957	138.3	21.26	21.33	21.09	0.072	-0.169	0
15	2003	271	2230	6.945	141.2	21.07	21.15	20.91	0.083	-0.158	0
15	2003	271	2245	7.09	139.7	20.9	20.98	20.73	0.079	-0.174	0
15	2003	271	2300	7.54	138.1	20.69	20.76	20.5	0.073	-0.192	0
15	2003	271	2315	6.868	137.6	20.46	20.54	20.31	0.077	-0.151	0
15	2003	271	2330	7.3	135.3	20.29	20.37	20.14	0.08	-0.156	0
15	2003	271	2345	7.28	137.8	20.12	20.19	19.96	0.071	-0.162	0
15	2003	271	2400	6.991	135.7	19.92	19.99	19.76	0.071	-0.153	0
24	2003	271	2400	1244	14.81	1358	16.4	541	28.05	1402	-1.987
15	2003	272	15	7.64	134	19.76	19.84	19.6	0.081	-0.159	0
15	2003	272	30	7.19	135.5	19.58	19.65	19.41	0.071	-0.165	0
15	2003	272	45	7.04	137.6	19.42	19.49	19.26	0.068	-0.158	0
15	2003	272	100	7.35	138.2	19.29	19.35	19.15	0.066	-0.139	0
15	2003	272	115	6.853	141	19.15	19.22	19.02	0.072	-0.128	0
15	2003	272	130	6.278	141.4	18.99	19.07	18.86	0.084	-0.13	0
15	2003	272	145	6.171	140.5	18.83	18.91	18.72	0.08	-0.113	0
15	2003	272	200	6.141	142.3	18.69	18.76	18.57	0.076	-0.122	0
15	2003	272	215	6.532	139.5	18.56	18.63	18.45	0.075	-0.112	0
15	2003	272	230	6.805	141.6	18.42	18.48	18.3	0.064	-0.114	0
15	2003	272	245	6.457	145	18.24	18.29	18.14	0.051	-0.104	0
15	2003	272	300	6.28	142.9	18.06	18.12	18.02	0.059	-0.046	0
15	2003	272	315	6.538	142.4	17.93	17.99	17.91	0.058	-0.023	0
15	2003	272	330	7.07	139.9	17.83	17.88	17.82	0.045	-0.008	0
15	2003	272	345	6.566	140.3	17.66	17.71	17.72	0.045	0.058	0
15	2003	272	400	6.185	139.2	17.51	17.56	17.65	0.055	0.138	0
15	2003	272	415	6.011	137.1	17.38	17.43	17.6	0.052	0.223	0
15	2003	272	430	5.797	140.5	17.25	17.31	17.55	0.058	0.298	0
15	2003	272	445	6.034	132.4	17.13	17.2	17.51	0.064	0.381	0
15	2003	272	500	5.847	128.7	16.98	17.03	17.47	0.051	0.488	0

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15	2003	272	515	6.1	128.1	16.87	16.91	17.48	0.039	0.61	0
15	2003	272	530	5.874	128.5	16.76	16.79	17.52	0.024	0.752	0
15	2003	272	545	5.685	129.9	16.7	16.71	17.56	0.016	0.866	0
15	2003	272	600	6.185	132	16.64	16.65	17.61	0.01	0.968	0
15	2003	272	615	6.358	135.5	16.69	16.66	17.54	-0.03	0.846	0
15	2003	272	630	6.234	138.6	16.95	16.84	17.36	-0.108	0.412	0
15	2003	272	645	6.164	144.3	17.38	17.17	17.27	-0.215	-0.106	0
15	2003	272	330	7.07	139.9	17.83	17.88	17.82	0.045	-0.008	0
15	2003	272	345	6.566	140.3	17.66	17.71	17.72	0.045	0.058	0
15	2003	272	400	6.185	139.2	17.51	17.56	17.65	0.055	0.138	0
15	2003	272	415	6.011	137.1	17.38	17.43	17.6	0.052	0.223	0
15	2003	272	430	5.797	140.5	17.25	17.31	17.55	0.058	0.298	0
15	2003	272	445	6.034	132.4	17.13	17.2	17.51	0.064	0.381	0
15	2003	272	500	5.847	128.7	16.98	17.03	17.47	0.051	0.488	0
15	2003	272	515	6.1	128.1	16.87	16.91	17.48	0.039	0.61	0
15	2003	272	530	5.874	128.5	16.76	16.79	17.52	0.024	0.752	0
15	2003	272	545	5.685	129.9	16.7	16.71	17.56	0.016	0.866	0
15	2003	272	600	6.185	132	16.64	16.65	17.61	0.01	0.968	0
15	2003	272	615	6.358	135.5	16.69	16.66	17.54	-0.03	0.846	0
15	2003	272	630	6.234	138.6	16.95	16.84	17.36	-0.108	0.412	0
15	2003	272	645	6.164	144.3	17.38	17.17	17.27	-0.215	-0.106	0
15	2003	272	700	6.166	144.2	17.91	17.59	17.39	-0.325	-0.52	0
15	2003	272	715	5.881	144.4	18.58	18.15	17.68	-0.421	-0.892	0
15	2003	272	730	5.27	148	18.61	18.32	17.92	-0.289	-0.689	0
15	2003	272	745	5.9	148.4	19.2	18.8	18.23	-0.403	-0.978	0
15	2003	272	800	5.477	153.6	19.56	19.19	18.64	-0.372	-0.925	0
15	2003	272	815	5.771	156.9	21.12	20.34	19.49	-0.776	-1.627	0
15	2003	272	830	6.322	153.6	21.79	20.92	20.09	-0.868	-1.697	0
15	2003	272	845	5.549	160	22.67	21.84	20.82	-0.83	-1.847	0
15	2003	272	900	5.669	169.9	23.64	22.6	21.6	-1.034	-2.035	0
15	2003	272	915	6.042	173.7	23.98	22.93	22	-1.045	-1.979	0
15	2003	272	930	5.928	192.1	25.07	23.87	22.75	-1.204	-2.322	0
15	2003	272	945	6.426	194.5	25.44	24.32	23.33	-1.123	-2.115	0
15	2003	272	1000	6.205	192.1	26.5	25.13	23.94	-1.372	-2.558	0
15	2003	272	1015	6.349	188.8	26.8	25.46	24.37	-1.34	-2.435	0
15	2003	272	1030	6.703	196.9	27.19	25.9	24.77	-1.291	-2.421	0

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15	2003	272	1045	6.557	196.1	27.94	26.57	25.42	-1.378	-2.52	0
15	2003	272	1100	6.764	189.9	28.35	26.98	25.77	-1.369	-2.581	0
15	2003	272	1115	6.247	192.2	28.97	27.54	26.32	-1.43	-2.646	0
15	2003	272	1130	6.275	204	29.29	27.83	26.7	-1.456	-2.591	0
15	2003	272	1145	6.303	203.8	29.89	28.47	27.21	-1.42	-2.682	0
15	2003	272	1200	6.732	205.1	30.38	28.97	27.8	-1.415	-2.586	0
15	2003	272	1215	7.24	195.9	31.14	29.7	28.54	-1.443	-2.597	0
15	2003	272	1230	7.16	201.4	31.69	30.28	28.97	-1.411	-2.726	0
15	2003	272	1245	7.33	201.8	31.88	30.51	29.31	-1.37	-2.568	0
15	2003	272	1300	7.61	195.4	32.35	30.99	29.72	-1.359	-2.633	0
15	2003	272	1315	8.02	190.8	32.61	31.29	30.09	-1.319	-2.517	0
15	2003	272	1330	7.75	201	32.73	31.54	30.4	-1.186	-2.33	0
15	2003	272	1345	7.52	197.9	32.7	31.58	30.54	-1.126	-2.167	0
15	2003	272	1400	7.81	197	32.8	31.64	30.65	-1.165	-2.15	0
15	2003	272	1415	7.35	207.6	33	31.98	30.85	-1.019	-2.146	0
15	2003	272	1430	7.12	206.1	32.92	31.96	31	-0.963	-1.925	0
15	2003	272	1445	7.03	190.5	32.95	31.98	30.99	-0.966	-1.959	0
15	2003	272	1500	6.477	192.9	33.28	32.3	31.24	-0.977	-2.04	0
15	2003	272	1515	7.95	191.8	33.05	32.16	31.22	-0.893	-1.833	0
15	2003	272	1530	7.33	192.9	32.98	32.17	31.21	-0.814	-1.769	0
15	2003	272	1545	7.52	189.4	32.98	32.19	31.39	-0.785	-1.589	0
15	2003	272	1600	7.31	187.7	32.81	32.14	31.31	-0.67	-1.502	0
15	2003	272	1615	7.06	185.4	32.71	32.15	31.4	-0.564	-1.313	0
15	2003	272	1630	6.964	194.9	32.49	32.04	31.4	-0.446	-1.094	0
15	2003	272	1645	6.672	182.7	32.17	31.88	31.31	-0.29	-0.859	0
15	2003	272	1700	5.973	184.5	31.68	31.64	31.21	-0.045	-0.474	0
15	2003	272	1715	5.668	183.1	31.33	31.45	31.15	0.117	-0.18	0
15	2003	272	1730	4.851	180.2	30.85	31.06	30.92	0.21	0.077	0
15	2003	272	1745	4.873	173.3	30.18	30.51	30.56	0.333	0.387	0
15	2003	272	1800	5.204	159.5	29.32	29.62	29.58	0.297	0.258	0
15	2003	272	1815	5.647	157.1	28.75	29.03	29.08	0.283	0.33	0
15	2003	272	1830	5.948	157	28.37	28.64	28.72	0.275	0.348	0
15	2003	272	1845	5.633	156.7	27.93	28.24	28.43	0.31	0.505	0
15	2003	272	1900	6.636	145.9	27.61	27.81	27.73	0.202	0.122	0
15	2003	272	1915	7.52	142	26.5	26.63	26.41	0.124	-0.095	0
15	2003	272	1930	7.48	143.7	25.89	26.01	25.81	0.121	-0.078	0

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15	2003	272	1945	7.8	145.4	25.46	25.56	25.36	0.107	-0.09	0
15	2003	272	2000	8.1	147.6	25.09	25.2	25	0.114	-0.091	0
15	2003	272	2015	8.01	147.6	24.79	24.89	24.7	0.102	-0.086	0
15	2003	272	2030	7.66	146.7	24.47	24.57	24.38	0.109	-0.082	0
15	2003	272	2045	7.33	140.3	23.97	24.09	23.87	0.122	-0.094	0
15	2003	272	2100	7.83	143.2	23.36	23.44	23.21	0.084	-0.146	0
15	2003	272	2115	7.46	142.8	22.88	22.96	22.73	0.088	-0.143	0
15	2003	272	2130	7.74	145.9	22.48	22.57	22.32	0.08	-0.163	0
15	2003	272	2145	7.66	146.5	22.12	22.22	21.98	0.092	-0.143	0
15	2003	272	2200	7.76	145.8	21.84	21.92	21.71	0.087	-0.13	0
15	2003	272	2215	7.02	148.9	21.54	21.64	21.43	0.096	-0.111	0
15	2003	272	2230	7.25	148.5	21.24	21.34	21.13	0.101	-0.112	0
15	2003	272	2245	6.759	149.9	20.89	21	20.78	0.112	-0.11	0
15	2003	272	2300	6.918	147	20.59	20.69	20.48	0.101	-0.11	0
15	2003	272	2315	6.838	147.3	20.31	20.41	20.2	0.101	-0.112	0
15	2003	272	2330	6.124	151.9	20.03	20.16	19.96	0.131	-0.074	0
15	2003	272	2345	5.914	149.7	19.77	19.9	19.68	0.133	-0.091	0
15	2003	272	2400	5.351	151.7	19.49	19.62	19.41	0.127	-0.077	0
24	2003	272	2400	1419	16.81	1456	16.52	559	32.76	1456	-1.815
15	2003	273	15	6.598	144.6	19.31	19.41	19.21	0.102	-0.099	0
15	2003	273	30	6.953	143.7	19.16	19.25	19.05	0.093	-0.108	0
15	2003	273	45	6.399	145.8	18.94	19.04	18.87	0.1	-0.071	0
15	2003	273	100	6.072	146	18.78	18.89	18.78	0.116	-0.002	0
15	2003	273	115	5.764	145.1	18.62	18.74	18.64	0.124	0.022	0
15	2003	273	130	5.348	146	18.45	18.58	18.5	0.133	0.051	0
15	2003	273	145	5.96	144	18.34	18.48	18.46	0.134	0.115	0
15	2003	273	200	5.748	147.3	18.22	18.36	18.37	0.139	0.148	0
15	2003	273	215	5.505	146.7	18.08	18.25	18.36	0.17	0.283	0
15	2003	273	230	5.711	147	18.17	18.33	18.39	0.157	0.217	0
15	2003	273	245	5.207	140.8	17.78	17.94	18.23	0.157	0.452	0
15	2003	273	300	5.291	139.8	17.81	17.96	18.17	0.149	0.357	0
15	2003	273	315	5.335	142.7	17.89	18.06	18.52	0.173	0.637	0
15	2003	273	330	4.871	143.8	18.11	18.29	18.59	0.179	0.482	0
15	2003	273	345	4.819	146	18	18.18	18.57	0.174	0.566	0
15	2003	273	400	4.539	150.7	17.93	18.13	18.68	0.201	0.748	0
15	2003	273	415	4.325	155.9	18.06	18.32	18.7	0.257	0.638	0

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15	2003	273	430	4.838	167	18.07	18.38	18.87	0.311	0.801	0
15	2003	273	445	3.634	139.4	18.04	18.41	18.74	0.363	0.701	0
15	2003	273	500	3.608	149.1	17.78	18.22	18.9	0.441	1.123	0
15	2003	273	515	2.135	101.5	16.81	16.99	17.57	0.187	0.763	0
15	2003	273	530	2.715	113.4	16.72	16.97	17.64	0.255	0.919	0
15	2003	273	545	3.48	105.7	16.6	16.83	17.56	0.23	0.957	0
15	2003	273	600	4.915	111.3	16.26	16.45	17.61	0.193	1.353	0
15	2003	273	615	4.988	114.1	16.42	16.51	17.75	0.092	1.333	0
15	2003	273	630	2.973	84.9	16.77	16.74	17.17	-0.037	0.4	0
15	2003	273	645	3.302	100.2	16.94	16.76	16.86	-0.175	-0.076	0
15	2003	273	700	3.943	101.9	17.5	17.23	16.92	-0.264	-0.577	0
15	2003	273	715	5.386	110.6	17.92	17.53	17.12	-0.391	-0.804	0
15	2003	273	730	5.313	117.5	18.32	17.79	17.22	-0.533	-1.097	0
15	2003	273	745	4.714	121.2	19.57	18.92	18.23	-0.654	-1.34	0
15	2003	273	800	4.051	123.1	20.9	20.13	19.32	-0.765	-1.583	0
15	2003	273	815	3.64	124.9	21.72	20.86	20.01	-0.859	-1.708	0
15	2003	273	830	3.865	143.4	22.61	21.71	20.83	-0.901	-1.778	0
15	2003	273	845	3.91	157.9	23.26	22.31	21.4	-0.943	-1.855	0
15	2003	273	900	3.764	165	23.87	22.98	21.99	-0.895	-1.882	0
15	2003	273	915	3.301	192.6	24.46	23.51	22.61	-0.95	-1.849	0
15	2003	273	930	2.387	206.8	24.96	24.02	23.11	-0.947	-1.854	0
15	2003	273	945	1.804	227	25.12	24.25	23.53	-0.872	-1.59	0
15	2003	273	1000	1.646	255.1	25.34	24.48	23.91	-0.854	-1.426	0
15	2003	273	1015	1.666	196.4	26.05	25.18	24.4	-0.874	-1.651	0
15	2003	273	1030	1.409	195.9	26.92	26.14	25.33	-0.785	-1.59	0
15	2003	273	1045	2.132	229.7	27.34	26.3	25.55	-1.04	-1.788	0
15	2003	273	1100	2.312	183.5	27.96	26.86	26.21	-1.096	-1.743	0
15	2003	273	1115	2.461	224.8	28.75	27.6	26.81	-1.159	-1.946	0
15	2003	273	1130	1.998	253.1	28.81	27.83	27.11	-0.984	-1.703	0
15	2003	273	1145	2.174	231.2	29.24	28.1	27.39	-1.147	-1.858	0
15	2003	273	1200	2.032	212.5	29.82	28.79	28.08	-1.026	-1.736	0
15	2003	273	1215	1.935	263	30.4	29.38	28.64	-1.016	-1.764	0
15	2003	273	1230	2.565	191.8	30.87	29.81	28.95	-1.053	-1.919	0
15	2003	273	1015	1.666	196.4	26.05	25.18	24.4	-0.874	-1.651	0
15	2003	273	1030	1.409	195.9	26.92	26.14	25.33	-0.785	-1.59	0
15	2003	273	1045	2.132	229.7	27.34	26.3	25.55	-1.04	-1.788	0



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15	2003	273	1100	2.312	183.5	27.96	26.86	26.21	-1.096	-1.743	0
15	2003	273	1115	2.461	224.8	28.75	27.6	26.81	-1.159	-1.946	0
15	2003	273	1130	1.998	253.1	28.81	27.83	27.11	-0.984	-1.703	0
15	2003	273	1145	2.174	231.2	29.24	28.1	27.39	-1.147	-1.858	0
15	2003	273	1200	2.032	212.5	29.82	28.79	28.08	-1.026	-1.736	0
15	2003	273	1215	1.935	263	30.4	29.38	28.64	-1.016	-1.764	0
15	2003	273	1230	2.565	191.8	30.87	29.81	28.95	-1.053	-1.919	0
15	2003	273	1245	2.653	197	31.51	30.28	29.17	-1.234	-2.335	0
15	2003	273	1300	1.99	227.5	31.29	30.28	29.56	-1.016	-1.736	0
15	2003	273	1315	3.087	204.3	31.74	30.65	29.79	-1.094	-1.953	0
15	2003	273	1330	2.562	179.6	31.96	30.69	29.87	-1.274	-2.091	0
15	2003	273	1345	3.018	168.4	32.03	30.93	30.13	-1.096	-1.896	0
15	2003	273	1400	2.785	194	32.08	31.14	30.3	-0.944	-1.781	0
15	2003	273	1415	2.879	208	32.53	31.42	30.49	-1.112	-2.042	0
15	2003	273	1430	2.366	176.8	32.28	31.48	30.74	-0.804	-1.543	0
15	2003	273	1445	3.481	220	32.95	31.8	30.83	-1.154	-2.129	0
15	2003	273	1500	3.872	188.9	33.1	31.92	31.01	-1.175	-2.083	0
15	2003	273	1515	3.62	191.6	32.98	32.03	31.12	-0.943	-1.861	0
15	2003	273	1530	4.064	181.5	33.07	32.05	31.2	-1.023	-1.879	0
15	2003	273	1545	4.658	172.2	32.76	31.91	31.17	-0.844	-1.592	0
15	2003	273	1600	4.488	176.3	32.66	31.87	31.11	-0.791	-1.555	0
15	2003	273	1615	3.848	194.3	32.41	31.75	31.14	-0.662	-1.271	0
15	2003	273	1630	3.925	181.5	32.43	31.85	31.13	-0.585	-1.301	0
15	2003	273	1645	4.08	169.6	32	31.55	30.89	-0.445	-1.101	0
15	2003	273	1700	4.358	154.7	31.49	31.29	30.74	-0.204	-0.75	0
15	2003	273	1715	4.702	163.5	30.93	30.96	30.55	0.026	-0.381	0
15	2003	273	1730	4.472	167.2	30.34	30.54	30.29	0.199	-0.048	0
15	2003	273	1745	3.894	166.5	29.47	29.9	29.91	0.426	0.437	0
15	2003	273	1800	4.157	159	28.79	29.22	29.31	0.436	0.521	0
15	2003	273	1815	4.204	141	28.05	28.43	28.58	0.377	0.528	0
15	2003	273	1830	4.155	136.5	27.29	27.68	27.89	0.397	0.604	0
15	2003	273	1845	4.37	132.3	26.69	27.08	27.26	0.385	0.566	0
15	2003	273	1900	5.263	138.5	26.32	26.58	26.65	0.263	0.336	0
15	2003	273	1915	5.635	133.1	25.82	26.04	26	0.222	0.177	0
15	2003	273	1930	5.572	131.9	25.3	25.49	25.43	0.193	0.134	0
15	2003	273	1945	5.618	125.5	24.89	25.08	25	0.189	0.111	0

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15	2003	273	2000	5.797	122.1	24.46	24.65	24.56	0.191	0.109	0
15	2003	273	2015	6.03	122.9	24	24.17	24.1	0.175	0.1	0
15	2003	273	2030	5.844	121.7	23.64	23.8	23.71	0.158	0.063	0
15	2003	273	2045	5.903	119.9	23.29	23.44	23.32	0.143	0.023	0
15	2003	273	2100	6.529	121.6	23.06	23.2	23.04	0.139	-0.019	0
15	2003	273	2115	6.541	122.2	22.73	22.85	22.7	0.123	-0.034	0
15	2003	273	2130	6.815	121.9	22.39	22.51	22.3	0.12	-0.085	0
15	2003	273	2145	6.188	115.6	21.95	22.07	21.9	0.115	-0.052	0
15	2003	273	2200	6.987	110	21.62	21.71	21.48	0.09	-0.138	0
15	2003	273	2215	7.3	108.4	21.32	21.41	21.16	0.085	-0.167	0
15	2003	273	2230	6.654	89.9	20.99	21.07	20.8	0.078	-0.197	0
15	2003	273	2245	7.26	90.8	20.76	20.81	20.51	0.047	-0.252	0
15	2003	273	2300	6.011	86.5	20.56	20.6	20.36	0.045	-0.194	0
15	2003	273	2315	5.094	39.06	20.29	20.37	20.17	0.073	-0.124	0
15	2003	273	2330	7.72	49.46	19.02	19	18.64	-0.026	-0.379	0
15	2003	273	2345	8.41	56.08	18.13	18.1	17.74	-0.032	-0.393	0
15	2003	273	2400	8.55	59.45	17.46	17.42	17.05	-0.041	-0.412	0
24	2003	273	2400	2337	15.93	1430	16.22	543	32.71	1430	-1.84