

June 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	152	15	4.498	52.08	21.74	21.7	21.46	-0.037	-0.278	0
15	2003	152	30	2.621	52.76	21.63	21.6	21.37	-0.034	-0.262	0
15	2003	152	45	3.497	83.4	21.61	21.62	21.42	0.007	-0.198	0
15	2003	152	100	3.889	79.4	21.36	21.35	21.06	-0.016	-0.305	0
15	2003	152	115	2.185	88.5	20.9	20.94	20.73	0.042	-0.172	0
15	2003	152	130	1.59	90.7	20.72	20.81	20.6	0.093	-0.113	0
15	2003	152	145	0.942	126.8	20.42	20.63	20.49	0.218	0.077	0
15	2003	152	200	1.245	110.8	19.75	20.57	20.55	0.82	0.796	0
15	2003	152	215	1.894	74.4	19.45	20.26	20.38	0.812	0.935	0
15	2003	152	230	2.357	37.58	19.52	20.06	20.46	0.537	0.942	0
15	2003	152	245	2.418	330.4	19.23	19.54	20.29	0.314	1.062	0
15	2003	152	300	2.618	356.9	19.21	19.55	20.23	0.34	1.024	0
15	2003	152	315	1.326	47.58	19.23	19.7	19.9	0.462	0.67	0
15	2003	152	330	1.014	128.5	18.26	19.55	19.68	1.295	1.427	0
15	2003	152	345	0.937	337.4	17.67	18.99	19.54	1.315	1.867	0
15	2003	152	400	1.028	356.6	17.46	18.38	19.3	0.917	1.841	0
15	2003	152	415	1.016	9.33	17.35	19.06	19.38	1.705	2.024	0
15	2003	152	430	0.872	29.58	16.72	18.41	19.33	1.686	2.607	0
15	2003	152	445	0.639	51.52	16.58	18.37	19.3	1.795	2.721	0
15	2003	152	500	1.629	198	16.49	18.63	19.37	2.137	2.881	0
15	2003	152	515	1.276	169.6	16.97	18.45	19.35	1.479	2.384	0
15	2003	152	530	1.093	50.47	17.92	18.59	19.55	0.67	1.629	0
15	2003	152	545	0.987	192	18.33	19.25	19.78	0.914	1.445	0
15	2003	152	600	1.801	176.1	18.61	19.34	20.09	0.73	1.485	0
15	2003	152	615	1.311	40.95	18.88	19.04	19.62	0.163	0.742	0
15	2003	152	630	0.492	281.2	19.89	19.84	19.96	-0.058	0.071	0
15	2003	152	645	1.061	223.4	21.34	21.16	20.63	-0.179	-0.715	0
15	2003	152	700	1.644	253.9	22.2	21.84	21.3	-0.359	-0.9	0
15	2003	152	715	1.912	230.3	23.23	22.79	22.12	-0.442	-1.106	0
15	2003	152	730	2.419	188.3	23.94	23.45	22.7	-0.49	-1.239	0
15	2003	152	745	3.357	187.6	24.42	23.75	23	-0.67	-1.419	0
15	2003	152	800	3.953	186.9	25.13	24.42	23.5	-0.712	-1.628	0
15	2003	152	815	3.809	177.6	25.75	24.87	23.99	-0.88	-1.766	0
15	2003	152	830	3.421	198.7	26.35	25.57	24.74	-0.782	-1.616	0
15	2003	152	845	3.542	202.1	26.58	25.7	24.97	-0.874	-1.612	0
15	2003	152	900	3.383	190.5	27.31	26.33	25.48	-0.98	-1.83	0
15	2003	152	915	3.311	208.6	27.51	26.68	25.73	-0.835	-1.784	0
15	2003	152	930	2.642	204.8	27.75	27.01	25.99	-0.743	-1.765	0

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15	2003	152	945	2.455	216.4	27.97	27.25	26.51	-0.726	-1.463	0
15	2003	152	1000	2.227	232	28.39	27.66	26.71	-0.727	-1.673	0
15	2003	152	1015	2.64	216.4	29.2	28.39	27.51	-0.812	-1.693	0
15	2003	152	1030	2.527	190.1	29.48	28.53	27.74	-0.947	-1.738	0
15	2003	152	1045	2.563	162.4	30.09	29.24	28.3	-0.848	-1.791	0
15	2003	152	1100	2.002	189.4	30.18	29.46	28.82	-0.717	-1.353	0
15	2003	152	1115	2.389	188.4	31.3	30.32	29.23	-0.979	-2.068	0
15	2003	152	1130	2.387	142.9	31.36	30.48	29.69	-0.881	-1.67	0
15	2003	152	1145	3.298	207.3	32.24	31.3	30.25	-0.941	-1.995	0
15	2003	152	1200	2.554	175.1	32.34	31.41	30.48	-0.934	-1.859	0
15	2003	152	1215	3.599	176.9	33.27	32.17	31.25	-1.093	-2.016	0
15	2003	152	1230	2.674	207.6	33.6	32.8	31.81	-0.803	-1.793	0
15	2003	152	1245	2.078	187	33.9	33.15	32.35	-0.751	-1.553	0
15	2003	152	1300	2.681	187.2	34.37	33.6	32.72	-0.774	-1.655	0
15	2003	152	1315	2.983	211.4	34.84	34.05	33.1	-0.785	-1.743	0
15	2003	152	1330	1.881	21.05	34.94	34.19	33.36	-0.744	-1.576	0
15	2003	152	1345	2.711	191.9	35.64	34.85	33.82	-0.79	-1.821	0
15	2003	152	1400	2.103	189.6	35.12	34.67	33.97	-0.447	-1.148	0
15	2003	152	1415	2.782	276.9	35	34.49	33.83	-0.513	-1.167	0
15	2003	152	1430	2.805	155.4	35.08	34.58	33.88	-0.499	-1.2	0
15	2003	152	1445	2.762	182.1	35.13	34.65	34.08	-0.479	-1.05	0
15	2003	152	1500	1.831	209.6	35.02	34.63	34	-0.387	-1.018	0
15	2003	152	1515	2.249	187.3	35.22	34.75	34.14	-0.47	-1.08	0
15	2003	152	1530	3.325	179.6	35.94	35.31	34.37	-0.634	-1.572	0
15	2003	152	1545	4.081	182.7	36.04	35.37	34.52	-0.67	-1.517	0
15	2003	152	1600	4.678	184.6	36.25	35.49	34.57	-0.758	-1.679	0
15	2003	152	1615	4.61	197.6	36.03	35.35	34.51	-0.676	-1.516	0
15	2003	152	1630	5.464	193.9	36.44	35.59	34.65	-0.852	-1.791	0
15	2003	152	1645	5.136	192.6	35.96	35.42	34.72	-0.537	-1.237	0
15	2003	152	1700	4.172	194.9	35.17	34.98	34.49	-0.191	-0.681	0
15	2003	152	1715	3.413	171.3	34.99	34.86	34.45	-0.123	-0.535	0
15	2003	152	1730	3.946	170.8	35.29	35.05	34.53	-0.241	-0.763	0
15	2003	152	1745	3.281	154.4	35.73	35.36	34.7	-0.371	-1.029	0
15	2003	152	1800	3.282	175.5	35.74	35.42	34.85	-0.313	-0.884	0
15	2003	152	1815	2.801	185.5	35.34	35.14	34.72	-0.201	-0.623	0
15	2003	152	1830	2.973	205.4	34.66	34.85	34.73	0.189	0.069	0
15	2003	152	1845	3.43	306.9	34.23	34.7	34.9	0.464	0.671	0
15	2003	152	1900	3.424	315.5	33.05	33.74	34.64	0.688	1.583	0

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15	2003	152	1915	2.238	309.8	31.7	32.83	34.29	1.135	2.589	0
15	2003	152	1930	1.553	296.7	30.67	32.2	34.18	1.528	3.505	0
15	2003	152	1945	12.51	345.3	28.55	29.06	29.18	0.515	0.631	0
15	2003	152	2000	16.64	19.35	26.67	26.58	26.15	-0.094	-0.515	0
15	2003	152	2015	14.95	27.81	25.84	25.75	25.34	-0.09	-0.501	0
15	2003	152	2030	13.85	33.89	25.22	25.14	24.75	-0.086	-0.476	0
15	2003	152	2045	12.39	35.38	24.8	24.72	24.34	-0.079	-0.452	0
15	2003	152	2100	12.61	37.41	24.29	24.22	23.85	-0.071	-0.437	0
15	2003	152	2115	10.61	47.89	23.7	23.63	23.27	-0.067	-0.43	0
15	2003	152	2130	9.93	54.58	23.24	23.18	22.83	-0.061	-0.416	0
15	2003	152	2145	9.33	60.52	22.53	22.48	22.15	-0.046	-0.379	0
15	2003	152	2200	8.49	50.17	22.34	22.29	22	-0.047	-0.344	0
15	2003	152	2215	7.68	56.33	22.13	22.1	21.82	-0.031	-0.304	0
15	2003	152	2230	7.56	57.17	22.11	22.09	21.88	-0.021	-0.233	0
15	2003	152	2245	6.815	56.53	22.15	22.14	22	-0.004	-0.149	0
15	2003	152	2300	5.939	65.89	22.35	22.39	22.37	0.045	0.024	0
15	2003	152	2315	6.398	78.7	22.47	22.47	22.43	0.004	-0.042	0
15	2003	152	2330	6.695	91.2	22.09	22.08	21.81	-0.006	-0.279	0
15	2003	152	2345	4.648	64.12	21.99	21.96	21.69	-0.034	-0.298	0
15	2003	152	2400	2.454	93.5	22.05	22.02	21.75	-0.037	-0.305	0
24	2003	152	2400	1934	29.54	1555	17.77	459	36.31	1526	-1.742
15	2003	153	15	2.017	312.7	22.38	22.35	22.15	-0.031	-0.231	0
15	2003	153	30	3.144	323.6	22.26	22.37	22.38	0.105	0.122	0
15	2003	153	45	3.222	344	21.61	21.64	22.04	0.03	0.426	0
15	2003	153	100	2.29	7.74	21.17	21.31	21.25	0.136	0.079	0
15	2003	153	115	3.826	8.58	20.89	20.96	20.98	0.07	0.091	0
15	2003	153	130	3.906	29.28	20.46	20.58	20.71	0.122	0.247	0
15	2003	153	145	3.849	27.13	20.26	20.34	20.32	0.085	0.058	0
15	2003	153	200	2.556	12.26	19.94	20.11	20.19	0.172	0.249	0
15	2003	153	215	2.29	352.4	19.39	19.86	20.12	0.476	0.729	0
15	2003	153	230	2.384	350.7	19.18	19.76	20.04	0.576	0.855	0
15	2003	153	245	2.811	20.93	19.23	19.76	20.04	0.534	0.813	0
15	2003	153	300	2.288	22.44	18.74	19.29	19.8	0.548	1.062	0
15	2003	153	315	2.702	27.15	18.38	19.02	19.7	0.639	1.317	0
15	2003	153	330	2.805	26.38	18.39	18.83	19.48	0.444	1.094	0
15	2003	153	345	2.042	31.66	17.84	18.42	19.38	0.577	1.541	0
15	2003	153	400	1.804	20.38	17.3	18.34	19.43	1.036	2.134	0
15	2003	153	415	1.653	8.17	16.87	17.96	19.18	1.093	2.306	0

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15	2003	153	430	2.399	29.47	16.33	18.11	19.49	1.781	3.16	0
15	2003	153	445	2.827	38.02	16.5	17.95	19.71	1.447	3.204	0
15	2003	153	500	2.802	54.41	16.93	17.72	20.09	0.79	3.161	0
15	2003	153	515	2.102	62.4	17.07	17.62	20.86	0.549	3.791	0
15	2003	153	530	1.401	31.66	17.73	17.92	21.03	0.184	3.299	0
15	2003	153	545	2.048	355.9	18.61	18.47	19.99	-0.149	1.37	0
15	2003	153	600	2.472	359.9	18.72	18.46	19.09	-0.257	0.371	0
15	2003	153	615	2.162	10.81	19.37	19.08	18.68	-0.289	-0.688	0
15	2003	153	630	2.251	15.41	20.06	19.71	19.3	-0.346	-0.763	0
15	2003	153	645	1.992	13.11	20.92	20.53	20.12	-0.386	-0.802	0
15	2003	153	700	1.838	28.88	21.72	21.33	20.83	-0.393	-0.892	0
15	2003	153	715	2.441	348.5	22.51	22.1	21.49	-0.417	-1.023	0
15	2003	153	730	3.335	340.9	23.4	22.88	22.16	-0.519	-1.238	0
15	2003	153	745	3.83	328.9	23.89	23.35	22.52	-0.535	-1.37	0
15	2003	153	800	4.138	339	24.38	23.67	22.9	-0.708	-1.48	0
15	2003	153	815	3.947	331.8	24.95	24.33	23.52	-0.613	-1.422	0
15	2003	153	830	3.701	328.3	25.42	24.75	23.94	-0.673	-1.476	0
15	2003	153	845	4.132	342.9	26.18	25.34	24.43	-0.838	-1.747	0
15	2003	153	900	3.583	322.9	26.43	25.81	24.92	-0.623	-1.517	0
15	2003	153	915	3.224	319	27.25	26.58	25.43	-0.67	-1.813	0
15	2003	153	930	3.018	327	27.71	26.94	26.06	-0.77	-1.649	0
15	2003	153	945	3.111	312.4	28.09	27.37	26.47	-0.721	-1.617	0
15	2003	153	1000	2.159	318.2	28.09	27.49	26.81	-0.601	-1.283	0
15	2003	153	1015	2.155	338.3	28.35	27.8	27.23	-0.554	-1.118	0
15	2003	153	1030	1.837	19.17	29.17	28.61	27.97	-0.564	-1.2	0
15	2003	153	1045	2.087	347.4	29.61	28.96	28.25	-0.65	-1.363	0
15	2003	153	1100	1.718	344	30.35	29.83	29.06	-0.516	-1.288	0
15	2003	153	1115	2.35	93	31.01	30.35	29.59	-0.658	-1.422	0
15	2003	153	1130	2.306	51.53	31.53	30.69	29.88	-0.842	-1.651	0
15	2003	153	1145	2.476	145.1	32.35	31.51	30.48	-0.839	-1.862	0
15	2003	153	1200	3.148	161.2	32.76	31.79	30.81	-0.967	-1.95	0
15	2003	153	1215	2.686	98.1	32.92	32.28	31.28	-0.637	-1.641	0
15	2003	153	1230	2.357	25.07	32.9	32.13	31.27	-0.768	-1.637	0
15	2003	153	1245	2.801	72.9	33.41	32.63	31.77	-0.782	-1.638	0
15	2003	153	1300	2.201	82	33.55	32.87	31.97	-0.681	-1.587	0
15	2003	153	1315	2.218	8.64	33.76	33.04	32.19	-0.721	-1.575	0
15	2003	153	1330	1.689	131.4	34.62	34.01	33.06	-0.607	-1.556	0
15	2003	153	1345	2.625	129	34.78	33.95	33.06	-0.83	-1.716	0

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15	2003	153	1400	2.69	58.81	34.44	33.67	32.85	-0.766	-1.592	0
15	2003	153	1415	2.409	149.4	34.91	34.26	33.54	-0.646	-1.367	0
15	2003	153	1430	3.41	195.7	35.34	34.41	33.41	-0.922	-1.922	0
15	2003	153	1445	3.295	250.6	35.18	34.3	33.3	-0.875	-1.88	0
15	2003	153	1500	3.772	251.3	35.31	34.42	33.49	-0.891	-1.82	0
15	2003	153	1515	3.826	285.4	35.28	34.42	33.4	-0.866	-1.883	0
15	2003	153	1530	3.076	174.4	35.19	34.53	33.66	-0.665	-1.535	0
15	2003	153	1545	2.772	210	35	34.39	33.69	-0.607	-1.314	0
15	2003	153	1600	3.021	145.4	35	34.38	33.59	-0.623	-1.413	0
15	2003	153	1615	2.913	205.7	35.24	34.71	34.03	-0.53	-1.21	0
15	2003	153	1630	3.795	187.4	35.12	34.48	33.67	-0.647	-1.455	0
15	2003	153	1645	3.259	177.1	34.41	33.97	33.34	-0.438	-1.066	0
15	2003	153	1700	3.214	162.8	34.08	33.8	33.26	-0.272	-0.813	0
15	2003	153	1715	4.132	161.7	33.92	33.66	33.12	-0.261	-0.798	0
15	2003	153	1730	4.797	153.2	33.77	33.53	32.98	-0.243	-0.787	0
15	2003	153	1745	5.164	128.2	33.41	33.25	32.73	-0.161	-0.675	0
15	2003	153	1800	5.158	135.8	33.3	33.2	32.77	-0.098	-0.534	0
15	2003	153	1815	5.521	130.4	33.36	33.14	32.62	-0.225	-0.747	0
15	2003	153	1830	5.864	133.3	33.17	32.99	32.51	-0.182	-0.66	0
15	2003	153	1845	5.251	135.1	32.47	32.53	32.25	0.061	-0.222	0
15	2003	153	1900	4.286	141.5	31.86	32.09	32.01	0.226	0.141	0
15	2003	153	1915	4.925	131.8	31.26	31.51	31.5	0.253	0.246	0
15	2003	153	1930	5.143	130.2	30.54	30.77	30.82	0.233	0.286	0
15	2003	153	1945	5.585	128.1	30.01	30.21	30.22	0.193	0.206	0
15	2003	153	2000	5.265	120.2	29.38	29.59	29.65	0.218	0.278	0
15	2003	153	2015	6.136	123.7	29	29.2	29.24	0.208	0.24	0
15	2003	153	2030	5.817	123.5	28.64	28.83	28.85	0.186	0.214	0
15	2003	153	2045	5.599	120.3	28.18	28.37	28.45	0.192	0.267	0
15	2003	153	2100	5.956	120.9	27.88	28.08	28.13	0.192	0.248	0
15	2003	153	2115	5.799	119.4	27.6	27.79	27.84	0.187	0.243	0
15	2003	153	2130	5.257	109.5	27.25	27.41	27.46	0.162	0.213	0
15	2003	153	2145	4.629	81	26.98	27.1	27.16	0.113	0.173	0
15	2003	153	2200	4.113	67.27	26.98	27.07	27.14	0.086	0.156	0
15	2003	153	2215	4.346	85.7	27.15	27.29	27.32	0.141	0.172	0
15	2003	153	2230	5.717	115.1	26.55	26.85	27.25	0.298	0.697	0
15	2003	153	2245	5.844	126.2	27.01	27.23	27.53	0.227	0.524	0
15	2003	153	2300	4.484	105.2	27.02	27.16	27.21	0.138	0.189	0
15	2003	153	2315	5.765	5.187	26.66	26.73	26.64	0.062	-0.026	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	153	2330	3.689	6.391	26.44	27.1	27.29	0.656	0.843	0
15	2003	153	2345	2.765	47.5	25.37	25.94	26.56	0.569	1.197	0
15	2003	153	2400	4.647	69.42	25.44	25.8	26.58	0.36	1.134	0
24	2003	153	2400	1409	12.56	1449	17.52	505	35.28	1607	-1.693
15	2003	154	15	5.607	92.5	25.34	25.56	26.8	0.216	1.46	0
15	2003	154	30	6.597	130.5	25.48	25.65	26.71	0.174	1.231	0
15	2003	154	45	7.8	149.4	25.56	25.69	26.21	0.128	0.654	0
15	2003	154	100	7.07	138.4	25.91	26.04	26.13	0.127	0.215	0
15	2003	154	115	7.42	156.3	26.01	26.11	26.18	0.103	0.166	0
15	2003	154	130	7.9	169	26.06	26.16	26.19	0.106	0.137	0
15	2003	154	145	8.08	168.2	26.38	26.47	26.37	0.096	-0.004	0
15	2003	154	200	6.978	164	26.43	26.53	26.42	0.102	-0.007	0
15	2003	154	215	6.577	157.6	26.39	26.53	26.47	0.147	0.081	0
15	2003	154	230	5.533	151.1	26.07	26.25	26.21	0.176	0.136	0
15	2003	154	245	5.638	151	25.82	25.99	26.05	0.177	0.237	0
15	2003	154	300	4.761	159	25.59	25.8	25.81	0.209	0.214	0
15	2003	154	315	4.285	161.2	25.33	25.54	25.57	0.211	0.24	0
15	2003	154	330	4.168	160.1	25.3	25.51	25.54	0.218	0.247	0
15	2003	154	345	3.746	133.1	24.95	25.3	25.48	0.348	0.535	0
15	2003	154	400	2.035	188.6	24.29	24.84	25.13	0.553	0.84	0
15	2003	154	415	2.539	187.2	22.94	24.42	25	1.473	2.059	0
15	2003	154	430	0.487	163.7	22.23	23.37	24.97	1.135	2.738	0
15	2003	154	445	1.003	204.6	21.5	23.18	24.44	1.686	2.938	0
15	2003	154	500	1.194	191.6	21.19	22.53	24	1.339	2.802	0
15	2003	154	515	0.807	155.7	20.78	22.48	23.69	1.7	2.918	0
15	2003	154	530	2.644	191.7	21.71	22.73	23.73	1.019	2.019	0
15	2003	154	545	2.081	177.4	22.61	22.78	23.62	0.17	1.01	0
15	2003	154	600	1.917	163.4	23.32	23.22	23.23	-0.095	-0.091	0
15	2003	154	615	1.96	171.8	23.55	23.4	23.06	-0.152	-0.488	0
15	2003	154	630	2.11	167.9	24.51	24.2	23.59	-0.316	-0.922	0
15	2003	154	645	3.741	125.7	25.33	24.86	24.24	-0.469	-1.093	0
15	2003	154	700	3.603	130	25.62	25.1	24.45	-0.521	-1.164	0
15	2003	154	715	3.556	120.8	26.08	25.43	24.83	-0.654	-1.257	0
15	2003	154	730	3.582	122.8	26.49	25.83	25.05	-0.666	-1.441	0
15	2003	154	745	3.346	110.4	26.96	26.32	25.52	-0.631	-1.439	0
15	2003	154	800	2.884	104.5	27.46	26.83	26.14	-0.637	-1.323	0
15	2003	154	815	3.139	116.6	28.22	27.47	26.61	-0.748	-1.614	0
15	2003	154	830	2.737	111.9	28.71	28.06	27.24	-0.651	-1.463	0

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15	2003	154	845	2.57	135.8	29.45	28.79	28.05	-0.651	-1.394	0
15	2003	154	900	1.377	138.4	29.72	29.25	28.63	-0.463	-1.09	0
15	2003	154	915	2.108	120.3	30.92	30.19	29.42	-0.735	-1.497	0
15	2003	154	930	3.202	61.24	31.41	30.58	29.63	-0.83	-1.773	0
15	2003	154	945	4.35	63.52	31.78	30.91	29.96	-0.871	-1.813	0
15	2003	154	1000	3.388	75.2	31.83	30.99	29.89	-0.841	-1.937	0
15	2003	154	1015	2.726	65.45	31.94	31.28	30.52	-0.661	-1.426	0
15	2003	154	1030	2.911	6.246	32.37	31.51	30.72	-0.853	-1.644	0
15	2003	154	1045	2.68	33.02	32.58	32.02	31.06	-0.561	-1.515	0
15	2003	154	1100	2.324	52.99	33.02	32.26	31.5	-0.76	-1.512	0
15	2003	154	1115	1.868	239.8	33.94	33.15	32.38	-0.787	-1.557	0
15	2003	154	1130	2.403	233.3	35.03	33.99	32.97	-1.037	-2.062	0
15	2003	154	1145	3.042	300.4	34.52	33.82	32.92	-0.7	-1.592	0
15	2003	154	1200	3.707	324.9	34.14	33.5	32.73	-0.639	-1.413	0
15	2003	154	1215	4.394	317	34.28	33.55	32.7	-0.735	-1.581	0
15	2003	154	1230	4.304	318.9	33.79	33.25	32.52	-0.542	-1.271	0
15	2003	154	1245	2.312	5.708	33.77	33.27	32.66	-0.498	-1.104	0
15	2003	154	1300	1.995	5.148	33.99	33.54	32.96	-0.449	-1.036	0
15	2003	154	1315	2.136	342	34.14	33.66	32.94	-0.478	-1.2	0
15	2003	154	1330	2.629	353.7	33.99	33.55	32.9	-0.437	-1.086	0
15	2003	154	1345	2.89	228.9	34.64	34.08	33.31	-0.56	-1.334	0
15	2003	154	1400	3.433	214.3	35.18	34.55	33.74	-0.627	-1.439	0
15	2003	154	1415	3.145	225.2	35.83	35.03	34.22	-0.807	-1.609	0
15	2003	154	1430	3.297	257.3	35.94	35.24	34.36	-0.7	-1.581	0
15	2003	154	1445	3.902	254.6	36.46	35.63	34.66	-0.838	-1.808	0
15	2003	154	1500	3.849	257.6	36.09	35.34	34.52	-0.749	-1.569	0
15	2003	154	1515	3.531	255.2	36.27	35.32	34.48	-0.951	-1.788	0
15	2003	154	1530	3.579	324.2	35.81	35.31	34.59	-0.502	-1.218	0
15	2003	154	1545	3.995	274.7	36.45	35.74	34.85	-0.71	-1.598	0
15	2003	154	1600	4.462	278.4	36.09	35.4	34.56	-0.69	-1.532	0
15	2003	154	1615	4.272	280.1	35.86	35.23	34.53	-0.626	-1.331	0
15	2003	154	1630	4.557	299.8	36.02	35.46	34.68	-0.561	-1.336	0
15	2003	154	1645	4.313	312.7	35.94	35.46	34.67	-0.485	-1.269	0
15	2003	154	1700	4.132	321.6	36.1	35.62	34.85	-0.475	-1.248	0
15	2003	154	1715	3.433	309.9	36.13	35.78	35.12	-0.349	-1.011	0
15	2003	154	1730	3.341	329.6	35.9	35.63	34.97	-0.266	-0.924	0
15	2003	154	1745	3.197	326.6	35.84	35.62	35.06	-0.222	-0.777	0
15	2003	154	1800	3.864	342.6	35.65	35.53	35	-0.121	-0.653	0

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15	2003	154	1815	3.056	10.49	35.24	35.21	34.78	-0.034	-0.464	0
15	2003	154	1830	4.752	29.38	34.24	34.26	33.9	0.024	-0.334	0
15	2003	154	1845	4.324	46.6	33.16	33.31	33.27	0.153	0.118	0
15	2003	154	1900	5.607	67.57	32.05	32.19	32.15	0.14	0.102	0
15	2003	154	1915	4.688	111.3	30.7	30.78	30.64	0.078	-0.068	0
15	2003	154	1930	5.259	118.1	30.24	30.31	30.13	0.068	-0.115	0
15	2003	154	1945	8.2	111.6	29.3	29.31	28.98	0.002	-0.329	0
15	2003	154	2000	9.55	108.6	26.09	25.96	25.56	-0.128	-0.527	0
15	2003	154	2015	9.86	106.3	25.15	25.01	24.57	-0.132	-0.579	0
15	2003	154	2030	10.52	104.3	24.71	24.58	24.12	-0.136	-0.593	0
15	2003	154	2045	10.56	106.6	24.16	24.01	23.54	-0.152	-0.629	0
15	2003	154	2100	9.89	108.5	23.7	23.55	23.1	-0.143	-0.597	0
15	2003	154	2115	10.94	110.6	23.69	23.56	23.17	-0.137	-0.527	0
15	2003	154	2130	11.82	105.9	24	23.9	23.56	-0.1	-0.438	0
15	2003	154	2145	12.01	104.5	23.29	23.17	22.71	-0.127	-0.582	0
15	2003	154	2200	11.29	102.7	23.08	22.97	22.56	-0.112	-0.526	0
15	2003	154	2215	11.26	105.1	22.79	22.66	22.22	-0.126	-0.566	0
15	2003	154	2230	10.13	103.8	22.51	22.39	21.89	-0.114	-0.622	0
15	2003	154	2245	10.17	105.1	22.21	22.16	21.84	-0.053	-0.372	0
15	2003	154	2300	11.82	110	22.26	22.21	21.91	-0.043	-0.342	0
15	2003	154	2315	11.6	111.3	22.38	22.33	21.97	-0.051	-0.418	0
15	2003	154	2330	10.39	117.6	22.34	22.25	21.87	-0.087	-0.471	0
15	2003	154	2345	9.34	105.8	22.34	22.25	21.86	-0.094	-0.482	0
15	2003	154	2400	9.88	117.8	22.05	22.01	21.66	-0.038	-0.39	0
24	2003	154	2400	2136	21.4	1417	21.72	2357	36.58	1541	-1.741
15	2003	155	15	9.17	113.7	21.83	21.81	21.51	-0.017	-0.317	0
15	2003	155	30	8.91	117	21.74	21.73	21.44	-0.008	-0.306	0
15	2003	155	45	7.62	125	21.64	21.64	21.35	-0.001	-0.292	0
15	2003	155	100	4.761	121.1	20.89	20.87	20.63	-0.017	-0.262	0
15	2003	155	115	4.435	125.2	21.09	21.11	20.87	0.027	-0.216	0
15	2003	155	130	7.7	147.2	20.75	20.75	20.47	-0.006	-0.285	0
15	2003	155	145	5.895	66.3	20.61	20.58	20.27	-0.033	-0.348	0
15	2003	155	200	4.009	63.52	20.31	20.32	20.07	0.013	-0.234	0
15	2003	155	215	3.139	147.5	19.97	20.07	19.87	0.102	-0.1	0
15	2003	155	230	2.799	182	19.74	19.83	19.8	0.089	0.063	0
15	2003	155	245	5.313	170.3	19.85	19.89	20	0.043	0.15	0
15	2003	155	300	1.84	127.4	19.87	19.97	19.91	0.106	0.046	0
15	2003	155	315	2.265	104.5	19.04	19.66	19.72	0.621	0.671	0

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15	2003	155	330	1.559	46.5	18.89	19.52	19.94	0.634	1.053	0
15	2003	155	345	3.039	17.71	18.36	18.61	19.73	0.245	1.361	0
15	2003	155	400	2.911	47.07	17.97	18.21	19.58	0.244	1.612	0
15	2003	155	415	2.66	84.2	17.79	18.01	19.29	0.223	1.503	0
15	2003	155	430	3.097	80.6	17.7	17.85	19.13	0.156	1.43	0
15	2003	155	445	2.987	55.51	17.24	17.32	18.44	0.075	1.198	0
15	2003	155	500	3.422	30.47	17.19	17.27	17.62	0.076	0.426	0
15	2003	155	515	3.537	35.65	17.21	17.2	17.28	-0.019	0.069	0
15	2003	155	530	3.766	54.02	17.49	17.41	17.28	-0.079	-0.211	0
15	2003	155	545	4.698	69.23	18.07	17.92	17.52	-0.144	-0.547	0
15	2003	155	600	5.971	76.9	18.46	18.26	17.76	-0.199	-0.702	0
15	2003	155	615	6.066	78	18.83	18.58	17.93	-0.258	-0.904	0
15	2003	155	630	6.403	78.4	19.3	18.93	18.27	-0.363	-1.024	0
15	2003	155	645	6.138	80	19.8	19.35	18.59	-0.455	-1.209	0
15	2003	155	700	6.134	88.6	20.35	19.84	18.98	-0.508	-1.363	0
15	2003	155	715	5.492	77	20.86	20.31	19.39	-0.542	-1.469	0
15	2003	155	730	5.448	73.6	21.42	20.8	19.88	-0.625	-1.546	0
15	2003	155	745	4.647	87.8	22.32	21.67	20.7	-0.643	-1.613	0
15	2003	155	800	4.041	87.9	22.87	22.18	21.21	-0.697	-1.665	0
15	2003	155	815	4.513	79.7	22.93	22.21	21.38	-0.716	-1.549	0
15	2003	155	830	4.092	95.9	23.29	22.49	21.67	-0.797	-1.621	0
15	2003	155	845	3.507	98	23.63	22.8	21.9	-0.828	-1.731	0
15	2003	155	900	2.912	109.5	24.07	23.31	22.38	-0.76	-1.687	0
15	2003	155	915	2.587	120.2	24.54	23.65	22.82	-0.889	-1.72	0
15	2003	155	930	2.974	140	25.17	24.19	23.24	-0.983	-1.929	0
15	2003	155	945	2.884	106.2	25.49	24.63	23.83	-0.865	-1.66	0
15	2003	155	1000	2.598	105	25.68	24.95	24.08	-0.728	-1.595	0
15	2003	155	1015	2.429	96.5	26.34	25.51	24.62	-0.826	-1.72	0
15	2003	155	1030	3.114	47.23	26.33	25.5	24.69	-0.826	-1.64	0
15	2003	155	1045	3.107	104	26.84	26.05	25.14	-0.797	-1.698	0
15	2003	155	1100	2.647	69.51	27.02	26.21	25.35	-0.804	-1.666	0
15	2003	155	1115	2.616	93.1	27.84	26.92	25.88	-0.917	-1.957	0
15	2003	155	1130	2.927	64.13	28.28	27.37	26.33	-0.906	-1.947	0
15	2003	155	1145	2.83	105.7	29.16	28.18	27.31	-0.98	-1.849	0
15	2003	155	1200	3.51	136.8	30.03	28.82	27.67	-1.212	-2.362	0
15	2003	155	1215	3.537	72.1	29.48	28.59	27.51	-0.887	-1.974	0
15	2003	155	1230	3.371	98.8	29.97	28.88	28.19	-1.086	-1.776	0
15	2003	155	1245	3.591	100.3	30.31	29.35	28.37	-0.961	-1.941	0

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15	2003	155	1300	3.328	111.2	30.88	29.8	28.74	-1.081	-2.137	0
15	2003	155	1315	1.949	144.2	30.92	30.18	29.23	-0.731	-1.685	0
15	2003	155	1330	2.119	201.7	31.1	30.45	29.62	-0.643	-1.48	0
15	2003	155	1345	2.994	192.8	32.08	31.05	30.06	-1.028	-2.017	0
15	2003	155	1400	2.661	204.6	32.2	31.3	30.36	-0.907	-1.848	0
15	2003	155	1415	2.493	169.7	32.46	31.53	30.72	-0.931	-1.734	0
15	2003	155	1430	2.741	188.6	32.43	31.62	30.74	-0.814	-1.691	0
15	2003	155	1445	2.085	149.8	32.42	31.68	30.97	-0.744	-1.451	0
15	2003	155	1500	2.295	305.7	32.31	31.72	31.1	-0.581	-1.209	0
15	2003	155	1515	2.877	236.3	32.43	31.79	31.06	-0.646	-1.373	0
15	2003	155	1530	2.81	218.7	32.45	31.81	31	-0.637	-1.448	0
15	2003	155	1545	2.031	206.4	32.01	31.63	31.05	-0.377	-0.957	0
15	2003	155	1600	2.867	257.3	32.16	31.65	31	-0.51	-1.154	0
15	2003	155	1615	1.808	183	32.12	31.76	31.17	-0.362	-0.947	0
15	2003	155	1630	3.267	222.6	31.99	31.54	30.88	-0.45	-1.102	0
15	2003	155	1645	4.084	194.8	31.66	31.21	30.57	-0.448	-1.088	0
15	2003	155	1700	4.321	186.2	31.35	30.98	30.37	-0.369	-0.974	0
15	2003	155	1715	4.579	156.9	31.26	30.96	30.36	-0.299	-0.902	0
15	2003	155	1730	3.547	181.5	31.23	31	30.46	-0.236	-0.777	0
15	2003	155	1745	4.242	177.7	31.02	30.85	30.35	-0.17	-0.665	0
15	2003	155	1800	3.865	172.3	30.83	30.73	30.31	-0.1	-0.527	0
15	2003	155	1815	3.768	187.4	30.71	30.65	30.27	-0.064	-0.441	0
15	2003	155	1830	4.374	192.8	30.45	30.41	30.06	-0.044	-0.399	0
15	2003	155	1845	5.463	204.1	30.17	30.17	29.84	-0.009	-0.333	0
15	2003	155	1900	4.911	187.5	29.78	29.85	29.62	0.067	-0.163	0
15	2003	155	1915	5.702	169.7	29.66	29.8	29.75	0.135	0.087	0
15	2003	155	1930	5.814	180	29.62	29.79	29.82	0.173	0.202	0
15	2003	155	1945	5.948	194.7	29.47	29.63	29.66	0.164	0.196	0
15	2003	155	2000	5.081	208.7	29.02	29.21	29.24	0.19	0.225	0
15	2003	155	2015	2.87	211.1	28.54	28.82	28.95	0.284	0.407	0
15	2003	155	2030	1.859	240.4	27.97	28.61	28.69	0.644	0.723	0
15	2003	155	2045	1.194	226.6	27.65	28.49	28.61	0.846	0.961	0
15	2003	155	2100	1.11	56.58	26.45	28.08	28.31	1.634	1.866	0
15	2003	155	2115	3.198	106.8	25.71	28.27	28.4	2.563	2.69	0
15	2003	155	2130	3.255	115.8	26.15	27.67	28.65	1.519	2.497	0
15	2003	155	2145	2.668	120.3	26.31	27.66	28.66	1.352	2.355	0
15	2003	155	2200	2.631	96.9	26.95	27.73	28.09	0.774	1.141	0
15	2003	155	2215	3.473	92.8	27.29	27.47	27.51	0.174	0.217	0

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15	2003	155	2230	5.938	125.1	27.62	27.76	27.74	0.134	0.119	0
15	2003	155	2245	6.18	112.9	27.32	27.37	27.27	0.045	-0.053	0
15	2003	155	2300	6.082	103.1	27.07	27.1	26.85	0.03	-0.224	0
15	2003	155	2315	9.88	73.8	25.3	25.22	24.74	-0.078	-0.557	0
15	2003	155	2330	10.19	89.3	23.59	23.48	22.94	-0.11	-0.654	0
15	2003	155	2345	10.46	82.3	21.45	21.37	20.87	-0.077	-0.585	0
15	2003	155	2400	10.9	87	19.48	19.34	18.84	-0.141	-0.641	0
24	2003	155	2400	2351	20.76	1336	17.11	511	32.49	1456	-2.036
15	2003	156	15	10.23	91.1	18.65	18.52	18.03	-0.131	-0.623	0
15	2003	156	30	10.1	87.4	18.1	17.97	17.5	-0.126	-0.594	0
15	2003	156	45	8.88	84.9	17.83	17.71	17.29	-0.118	-0.532	0
15	2003	156	100	8.09	83.3	17.67	17.58	17.17	-0.09	-0.493	0
15	2003	156	115	7.4	93.4	17.27	17.19	16.77	-0.08	-0.496	0
15	2003	156	130	9.36	98.3	16.9	16.8	16.35	-0.1	-0.546	0
15	2003	156	145	9.46	97.6	16.72	16.62	16.19	-0.1	-0.527	0
15	2003	156	200	9.97	102.9	16.64	16.56	16.17	-0.077	-0.465	0
15	2003	156	215	10	107.1	16.61	16.54	16.18	-0.064	-0.428	0
15	2003	156	230	8.42	106.4	16.5	16.42	16.07	-0.073	-0.426	0
15	2003	156	245	9.56	102.9	16.58	16.49	16.11	-0.083	-0.468	0
15	2003	156	300	8.58	102.2	16.67	16.57	16.17	-0.098	-0.505	0
15	2003	156	315	7.63	100.7	16.89	16.8	16.39	-0.09	-0.495	0
15	2003	156	330	8.89	95.9	17.02	16.92	16.52	-0.098	-0.501	0
15	2003	156	345	3.699	71.9	17.19	17.1	16.71	-0.093	-0.486	0
15	2003	156	400	2.533	11.93	17.3	17.19	16.8	-0.104	-0.494	0
15	2003	156	415	2.577	71.4	17.31	17.21	16.81	-0.096	-0.499	0
15	2003	156	430	2.216	22.19	17.32	17.22	16.82	-0.099	-0.493	0
15	2003	156	445	1.736	52.27	17.29	17.22	16.84	-0.068	-0.445	0
15	2003	156	500	1.121	61.43	17.18	17.13	16.76	-0.055	-0.415	0
15	2003	156	515	1.387	31.07	17.09	17.06	16.69	-0.032	-0.405	0
15	2003	156	530	1.531	22.72	17.18	17.04	16.61	-0.148	-0.572	0
15	2003	156	545	2.493	42.37	17.24	17.06	16.59	-0.187	-0.653	0
15	2003	156	600	3.972	84.9	17.51	17.22	16.65	-0.295	-0.868	0
15	2003	156	615	4.637	89	17.89	17.55	16.92	-0.341	-0.975	0
15	2003	156	630	3.836	92.6	18.06	17.71	17.11	-0.343	-0.953	0
15	2003	156	645	2.622	100.5	18.14	17.86	17.33	-0.282	-0.812	0
15	2003	156	700	2.691	84.5	17.99	17.76	17.27	-0.223	-0.717	0
15	2003	156	715	3.264	65.64	17.93	17.64	17.11	-0.289	-0.814	0
15	2003	156	730	3.453	67.33	18.3	17.88	17.22	-0.418	-1.079	0

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15	2003	156	745	3.362	78.7	18.88	18.36	17.6	-0.522	-1.277	0
15	2003	156	800	2.645	77.8	18.81	18.31	17.66	-0.502	-1.144	0
15	2003	156	815	2.933	78.5	19.09	18.6	17.87	-0.486	-1.222	0
15	2003	156	830	2.202	71.7	19.2	18.79	18.13	-0.412	-1.077	0
15	2003	156	845	1.843	79.3	19.81	19.33	18.48	-0.48	-1.323	0
15	2003	156	900	2.079	93.8	20.69	19.91	19.13	-0.78	-1.56	0
15	2003	156	915	2.078	126.5	21.07	20.37	19.53	-0.7	-1.536	0
15	2003	156	930	2.163	100.6	21.28	20.61	19.87	-0.675	-1.409	0
15	2003	156	945	1.973	49.68	21.22	20.7	20.15	-0.527	-1.077	0
15	2003	156	1000	2.898	102.5	22.32	21.48	20.67	-0.836	-1.649	0
15	2003	156	1015	3.256	120.4	22.65	21.77	21.03	-0.881	-1.618	0
15	2003	156	1030	3.143	152.1	23.12	22.26	21.34	-0.859	-1.78	0
15	2003	156	1045	3.808	137.9	23.67	22.68	21.63	-0.994	-2.038	0
15	2003	156	1100	3.353	152.5	23.85	22.83	21.93	-1.014	-1.919	0
15	2003	156	1115	3.669	137.3	24.49	23.48	22.31	-1.007	-2.174	0
15	2003	156	1130	4.055	148.4	25.15	23.99	22.89	-1.164	-2.26	0
15	2003	156	1145	3.949	152	25.31	24.14	23.1	-1.173	-2.208	0
15	2003	156	1200	3.777	163.4	25.77	24.66	23.52	-1.11	-2.241	0
15	2003	156	1215	4.021	178.3	26.27	25.07	24.07	-1.203	-2.196	0
15	2003	156	1230	4.054	155.7	26.55	25.39	24.35	-1.163	-2.205	0
15	2003	156	1245	4.535	151.8	26.8	25.59	24.55	-1.208	-2.247	0
15	2003	156	1300	4.516	164.1	27.38	25.96	24.82	-1.418	-2.559	0
15	2003	156	1315	3.641	161.7	27.46	26.24	25.21	-1.222	-2.249	0
15	2003	156	1330	4.024	157.6	27.73	26.64	25.43	-1.09	-2.297	0
15	2003	156	1345	3.319	176.4	27.68	26.73	25.59	-0.947	-2.092	0
15	2003	156	1400	3.534	161.2	27.61	26.57	25.73	-1.044	-1.879	0
15	2003	156	1415	3.672	178.4	28.13	26.98	26.02	-1.15	-2.111	0
15	2003	156	1430	2.991	183	28.25	27.33	26.4	-0.915	-1.845	0
15	2003	156	1445	3.638	145.3	28.43	27.49	26.67	-0.941	-1.766	0
15	2003	156	1500	3.511	161.2	28.91	27.79	26.88	-1.121	-2.029	0
15	2003	156	1515	3.297	162.3	28.91	28.08	27.07	-0.829	-1.836	0
15	2003	156	1530	3.816	138.1	29.61	28.62	27.51	-0.989	-2.101	0
15	2003	156	1545	3.291	158.8	29.35	28.64	27.79	-0.708	-1.557	0
15	2003	156	1600	3.779	144.4	29.49	28.7	27.9	-0.792	-1.593	0
15	2003	156	1615	4.071	160.7	29.88	29.03	28.13	-0.847	-1.745	0
15	2003	156	1630	4.498	157.1	29.97	29.03	28.08	-0.936	-1.887	0
15	2003	156	1645	4.178	176.3	29.98	29.12	28.18	-0.852	-1.796	0
15	2003	156	1700	4.865	158.7	29.88	29.06	28.19	-0.819	-1.693	0

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15	2003	156	1715	5.057	151.2	29.83	29.07	28.13	-0.765	-1.705	0
15	2003	156	1730	5.43	164	29.65	29.02	28.14	-0.635	-1.515	0
15	2003	156	1745	4.765	158.4	28.95	28.54	27.91	-0.412	-1.04	0
15	2003	156	1800	5.163	172.5	28.45	28.27	27.8	-0.177	-0.651	0
15	2003	156	1815	4.247	183	28.34	28.22	27.78	-0.116	-0.556	0
15	2003	156	1830	3.72	212.7	28.16	28.1	27.72	-0.064	-0.444	0
15	2003	156	1845	3.21	243	28.09	28.05	27.69	-0.041	-0.402	0
15	2003	156	1900	8.94	288.6	24.36	24.04	23.61	-0.313	-0.746	0
15	2003	156	1915	10.12	298.8	20.7	20.75	20.64	0.053	-0.056	0.762
15	2003	156	1930	9.24	297.9	18.63	19.05	19.35	0.418	0.721	3.556
15	2003	156	1945	7.04	305.6	19.75	20.17	20.73	0.422	0.98	0
15	2003	156	2000	14.81	291.3	23.05	23.78	24.14	0.724	1.091	0
15	2003	156	2015	9.14	297.9	21.2	21.98	23.42	0.785	2.216	0.254
15	2003	156	2030	3.162	357.1	19.63	21.14	23.46	1.513	3.835	0.508
15	2003	156	2045	5.954	75.8	19.3	20.38	23.62	1.08	4.314	0
15	2003	156	2100	6.452	118.4	19.66	20.24	23.85	0.574	4.187	0
15	2003	156	2115	4.55	116.2	20.18	20.73	24.46	0.552	4.282	0
15	2003	156	2130	4.444	45.62	20.38	21.02	23.09	0.643	2.712	0
15	2003	156	2145	11.74	45.92	18.13	18.17	17.87	0.04	-0.262	0
15	2003	156	2200	11.57	59.58	16.33	16.28	15.92	-0.054	-0.415	0
15	2003	156	2215	9.4	66.44	15.96	15.87	15.55	-0.082	-0.404	0
15	2003	156	2230	9.35	58.19	15.72	15.63	15.31	-0.087	-0.414	0
15	2003	156	2245	8.31	56.47	15.59	15.5	15.2	-0.083	-0.386	0
15	2003	156	2300	7.99	54.17	15.66	15.6	15.34	-0.063	-0.314	0
15	2003	156	2315	7.7	50.58	15.82	15.77	15.54	-0.044	-0.277	0
15	2003	156	2330	6.699	34.75	15.8	15.77	15.54	-0.031	-0.261	0
15	2003	156	2345	5.255	43.48	15.92	15.9	15.71	-0.017	-0.214	0
15	2003	156	2400	2.745	44.29	16.12	16.11	15.91	-0.01	-0.213	0
24	2003	156	2400	1954	35.58	1628	15.38	2241	30.23	1628	-2.012
15	2003	157	15	1.797	27.52	16.19	16.24	16.05	0.051	-0.138	0
15	2003	157	30	2.159	5.123	16.32	16.33	16.12	0.015	-0.193	0
15	2003	157	45	3.465	313.4	16	16	16.05	-0.002	0.052	0
15	2003	157	100	4.387	337.3	15.99	16.02	16.04	0.026	0.047	0
15	2003	157	115	4.876	348.4	15.98	15.97	15.84	-0.012	-0.142	0
15	2003	157	130	5.413	333.8	15.7	15.68	15.56	-0.022	-0.136	0
15	2003	157	145	4.438	340.3	15.68	15.68	15.56	-0.004	-0.123	0
15	2003	157	200	3.906	342.3	15.59	15.57	15.43	-0.012	-0.16	0
15	2003	157	215	4.608	357.6	15.64	15.63	15.48	-0.013	-0.159	0

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15	2003	157	230	6.27	3.721	15.75	15.74	15.58	-0.003	-0.164	0
15	2003	157	245	6.888	12.78	15.69	15.69	15.42	0	-0.267	0
15	2003	157	300	7.95	19.5	15.29	15.27	14.96	-0.021	-0.336	0
15	2003	157	315	5.15	27.43	15.07	15.05	14.73	-0.024	-0.346	0
15	2003	157	330	4.058	27.88	15.05	15.02	14.7	-0.032	-0.35	0
15	2003	157	345	4.06	8.61	14.9	14.87	14.54	-0.036	-0.365	0
15	2003	157	400	4.853	11.84	14.65	14.61	14.3	-0.035	-0.348	0
15	2003	157	415	4.752	15.66	14.52	14.48	14.15	-0.038	-0.364	0
15	2003	157	430	4.113	19.05	14.4	14.34	14	-0.059	-0.4	0
15	2003	157	445	4.651	23.6	14.34	14.27	13.91	-0.067	-0.433	0
15	2003	157	500	5.609	33.75	14.24	14.16	13.79	-0.071	-0.449	0
15	2003	157	515	5.053	39.61	14.14	14.06	13.68	-0.083	-0.463	0
15	2003	157	530	4.892	25.5	14.12	14.02	13.62	-0.099	-0.505	0
15	2003	157	545	5.22	24.76	14.1	14	13.58	-0.104	-0.524	0
15	2003	157	600	5.313	21.68	14.16	14.05	13.62	-0.109	-0.541	0
15	2003	157	615	4.821	14.59	14.28	14.14	13.68	-0.134	-0.596	0
15	2003	157	630	4.645	12.73	14.43	14.25	13.75	-0.189	-0.686	0
15	2003	157	645	4.419	13.02	14.63	14.4	13.85	-0.23	-0.78	0
15	2003	157	700	4.652	2.373	14.77	14.48	13.92	-0.296	-0.86	0
15	2003	157	715	4.41	10.01	15.23	14.82	14.09	-0.407	-1.143	0
15	2003	157	730	4.747	2.82	15.44	14.97	14.22	-0.47	-1.215	0
15	2003	157	745	4.974	4.474	15.68	15.12	14.38	-0.552	-1.293	0
15	2003	157	800	4.818	4.709	15.85	15.28	14.52	-0.568	-1.328	0
15	2003	157	815	4.375	356.9	16.2	15.65	14.88	-0.549	-1.327	0
15	2003	157	830	4.231	7.06	16.69	16.09	15.27	-0.606	-1.42	0
15	2003	157	845	3.888	358.7	17	16.45	15.71	-0.556	-1.295	0
15	2003	157	900	3.737	8.86	17.52	16.87	16.09	-0.642	-1.43	0
15	2003	157	915	3.754	7.1	18.17	17.52	16.73	-0.648	-1.446	0
15	2003	157	930	4.091	0.877	18.6	17.91	17.13	-0.686	-1.468	0
15	2003	157	945	4.293	359.2	19.07	18.38	17.53	-0.695	-1.542	0
15	2003	157	1000	3.375	16.96	19.54	18.86	18.08	-0.682	-1.455	0
15	2003	157	1015	3.073	10.74	20.11	19.45	18.58	-0.66	-1.537	0
15	2003	157	1030	3.441	28.54	20.58	19.88	19.14	-0.693	-1.441	0
15	2003	157	1045	3.461	16.91	21.15	20.42	19.59	-0.73	-1.559	0
15	2003	157	1100	3.296	28.27	21.53	20.87	20.16	-0.655	-1.365	0
15	2003	157	1115	2.566	43.18	21.99	21.38	20.59	-0.606	-1.399	0
15	2003	157	1130	2.753	350	22.44	21.86	21.05	-0.582	-1.387	0
15	2003	157	1145	3.052	30.63	22.95	22.2	21.32	-0.759	-1.633	0

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15	2003	157	1200	1.789	60.51	23.23	22.6	21.96	-0.63	-1.27	0
15	2003	157	1215	2.263	39.22	24.41	23.51	22.49	-0.901	-1.921	0
15	2003	157	1230	1.791	80.8	24.23	23.78	23.08	-0.451	-1.156	0
15	2003	157	1245	1.887	114.8	24.26	23.64	22.84	-0.625	-1.426	0
15	2003	157	1300	2.359	328.6	24.86	24.27	23.43	-0.593	-1.435	0
15	2003	157	1315	2.975	57	25.57	24.6	23.72	-0.975	-1.849	0
15	2003	157	1330	2.526	101.9	25.62	24.84	23.99	-0.773	-1.623	0
15	2003	157	1345	1.899	76.5	25.73	25.03	24.29	-0.697	-1.44	0
15	2003	157	1400	1.841	141.6	26.21	25.66	24.92	-0.542	-1.29	0
15	2003	157	1415	2.597	118.7	26.35	25.83	25.05	-0.517	-1.301	0
15	2003	157	1430	2.744	49.89	26.57	25.9	25.17	-0.668	-1.394	0
15	2003	157	1445	2.184	65.8	26.52	25.83	25.03	-0.693	-1.488	0
15	2003	157	1500	1.518	71.4	26.39	26.02	25.41	-0.375	-0.981	0
15	2003	157	1515	2.641	132.4	26.83	26.15	25.44	-0.677	-1.392	0
15	2003	157	1530	2.057	189.4	26.77	26.35	25.61	-0.423	-1.163	0
15	2003	157	1545	3.003	104.7	27.19	26.64	25.84	-0.552	-1.348	0
15	2003	157	1600	3.887	123	27.33	26.59	25.84	-0.746	-1.491	0
15	2003	157	1615	4.794	121.9	27.33	26.52	25.67	-0.806	-1.661	0
15	2003	157	1630	5.257	129.9	27.1	26.27	25.5	-0.829	-1.594	0
15	2003	157	1645	5.062	133.4	26.74	26	25.17	-0.736	-1.565	0
15	2003	157	1700	5.174	117.1	26.59	25.85	25.07	-0.74	-1.52	0
15	2003	157	1715	5.437	135.6	26.28	25.59	24.8	-0.689	-1.476	0
15	2003	157	1730	5.125	128.3	26.16	25.58	24.77	-0.579	-1.384	0
15	2003	157	1745	4.268	139	25.84	25.36	24.67	-0.478	-1.17	0
15	2003	157	1800	3.959	121.9	25.76	25.37	24.74	-0.389	-1.012	0
15	2003	157	1815	4.132	122.7	25.41	25.06	24.54	-0.354	-0.875	0
15	2003	157	1830	4.295	123.1	24.88	24.76	24.31	-0.113	-0.564	0
15	2003	157	1845	3.764	134.6	24.38	24.47	24.21	0.092	-0.169	0
15	2003	157	1900	4.187	125.4	24.02	24.15	23.92	0.13	-0.103	0
15	2003	157	1915	3.677	125.5	23.57	23.77	23.66	0.199	0.097	0
15	2003	157	1930	3.268	128.4	23.07	23.35	23.4	0.277	0.333	0
15	2003	157	1945	2.834	128.9	22.54	22.91	23.25	0.37	0.703	0
15	2003	157	2000	3.118	121.8	22.1	22.47	22.97	0.372	0.87	0
15	2003	157	2015	2.779	120.1	21.94	22.2	22.58	0.261	0.639	0
15	2003	157	2030	2.948	126.7	21.58	21.87	22.24	0.295	0.663	0
15	2003	157	2045	2.754	135.3	21.31	21.5	21.65	0.194	0.344	0
15	2003	157	2100	2.621	143.3	20.98	21.16	21.36	0.18	0.381	0
15	2003	157	2115	2.836	148.8	21.01	21.2	21.33	0.188	0.324	0

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15	2003	157	2130	3.883	151.1	21.24	21.31	21.26	0.076	0.025	0
15	2003	157	2145	4.796	140.8	21.2	21.24	21.22	0.039	0.024	0
15	2003	157	2200	6.229	145.7	21.22	21.22	21.07	0.006	-0.146	0
15	2003	157	2215	6.329	142.4	21.07	21.07	20.78	-0.005	-0.297	0
15	2003	157	2230	6.709	144.7	20.78	20.78	20.5	-0.002	-0.28	0
15	2003	157	2245	6.692	144.3	20.42	20.44	20.18	0.02	-0.239	0
15	2003	157	2300	6.602	144.1	20.13	20.16	19.92	0.033	-0.206	0
15	2003	157	2315	5.705	135.5	19.76	19.81	19.58	0.058	-0.176	0
15	2003	157	2330	5.597	140.7	19.46	19.51	19.31	0.049	-0.148	0
15	2003	157	2345	4.893	136.8	19.2	19.28	19.17	0.084	-0.027	0
15	2003	157	2400	4.894	139.4	19.05	19.14	19.03	0.09	-0.018	0
24	2003	157	2400	229	13.34	1556	13.92	533	27.36	1540	-1.815
15	2003	158	15	4.932	145.3	18.86	18.96	18.86	0.098	-0.005	0
15	2003	158	30	5.282	147.1	18.81	18.89	18.79	0.077	-0.021	0
15	2003	158	45	5.171	144.5	18.61	18.69	18.56	0.08	-0.044	0
15	2003	158	100	4.791	147.1	18.32	18.41	18.31	0.087	-0.017	0
15	2003	158	115	4.761	148.6	18.16	18.25	18.15	0.084	-0.013	0
15	2003	158	130	5.116	153.5	18.07	18.15	18.05	0.08	-0.027	0
15	2003	158	145	4.942	150.8	17.89	17.98	17.88	0.091	-0.012	0
15	2003	158	200	5.129	150.5	17.77	17.86	17.76	0.083	-0.015	0
15	2003	158	215	4.839	152.8	17.61	17.68	17.57	0.077	-0.039	0
15	2003	158	230	4.369	157.7	17.41	17.49	17.4	0.082	-0.011	0
15	2003	158	245	4.275	157.6	17.3	17.4	17.32	0.095	0.02	0
15	2003	158	300	4.338	155.7	17.19	17.31	17.27	0.117	0.079	0
15	2003	158	315	4.445	151.8	17.1	17.2	17.21	0.103	0.105	0
15	2003	158	330	4.251	153.4	17.04	17.14	17.13	0.107	0.094	0
15	2003	158	345	3.691	156.3	16.89	17.02	17.04	0.125	0.154	0
15	2003	158	400	3.141	159.7	16.7	16.86	16.95	0.164	0.255	0
15	2003	158	415	3.183	156.3	16.54	16.72	16.84	0.182	0.307	0
15	2003	158	430	2.956	159.5	16.4	16.6	16.78	0.195	0.378	0
15	2003	158	445	3.055	155.9	16.46	16.64	16.78	0.18	0.326	0
15	2003	158	500	3.364	151.4	16.58	16.74	16.86	0.158	0.281	0
15	2003	158	515	4.18	148.8	16.83	16.9	16.87	0.072	0.034	0
15	2003	158	530	4.54	154.9	17.21	17.17	16.95	-0.033	-0.254	0
15	2003	158	545	4.98	155.7	17.63	17.5	17.12	-0.131	-0.506	0
15	2003	158	600	5.79	150.7	17.97	17.75	17.28	-0.22	-0.693	0
15	2003	158	615	5.848	154	18.49	18.18	17.6	-0.311	-0.885	0
15	2003	158	630	5.964	158.3	19.08	18.68	18.02	-0.399	-1.056	0

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15	2003	158	645	5.854	158.8	19.63	19.12	18.4	-0.507	-1.23	0
15	2003	158	700	5.596	160.2	20.28	19.63	18.95	-0.644	-1.326	0
15	2003	158	715	4.821	167	21.12	20.48	19.66	-0.632	-1.458	0
15	2003	158	730	4.508	170.9	21.85	21.18	20.31	-0.672	-1.541	0
15	2003	158	745	4.572	182.4	22.5	21.76	21	-0.741	-1.504	0
15	2003	158	800	4.312	189.9	23.04	22.29	21.53	-0.75	-1.511	0
15	2003	158	815	3.934	198	23.8	22.96	21.99	-0.844	-1.815	0
15	2003	158	830	3.478	195.5	24.2	23.37	22.54	-0.822	-1.655	0
15	2003	158	845	3.876	199.5	24.84	23.9	22.99	-0.94	-1.849	0
15	2003	158	900	3.503	192.2	25.32	24.47	23.64	-0.855	-1.682	0
15	2003	158	915	3.242	202.2	26	25.21	24.36	-0.793	-1.638	0
15	2003	158	930	3.505	209.9	27.01	26.08	25.16	-0.934	-1.851	0
15	2003	158	945	3.685	189.4	27.5	26.6	25.72	-0.896	-1.782	0
15	2003	158	1000	3.326	197.9	27.98	27.06	26.21	-0.913	-1.77	0
15	2003	158	1015	3.086	205.8	28.89	27.96	27.03	-0.929	-1.863	0
15	2003	158	1030	2.413	221.5	29.51	28.69	27.83	-0.817	-1.68	0
15	2003	158	1045	1.764	191.5	29.62	29.03	28.29	-0.597	-1.334	0
15	2003	158	1100	2.896	245.4	30.69	29.91	29	-0.772	-1.684	0
15	2003	158	1115	3.094	311.3	30.8	30.06	29.32	-0.736	-1.474	0
15	2003	158	1130	2.991	307.9	31.14	30.49	29.65	-0.654	-1.49	0
15	2003	158	1145	3.444	294.8	31.87	31.07	30.16	-0.804	-1.719	0
15	2003	158	1200	3.061	294.6	31.85	31.06	30.16	-0.791	-1.695	0
15	2003	158	1215	2.18	308.4	31.79	31.2	30.43	-0.597	-1.366	0
15	2003	158	1230	2.646	292.1	32.3	31.67	30.77	-0.636	-1.532	0
15	2003	158	1245	3.406	359.2	32.64	31.83	30.94	-0.808	-1.703	0
15	2003	158	1300	2.172	9.57	32.64	31.9	31.09	-0.74	-1.546	0
15	2003	158	1315	2.544	329.7	32.94	32.17	31.4	-0.763	-1.54	0
15	2003	158	1330	1.793	58.05	33.15	32.56	31.76	-0.587	-1.392	0
15	2003	158	1345	3.528	13.47	33.87	33.06	32.22	-0.809	-1.651	0
15	2003	158	1400	2.522	17.76	33.87	33.19	32.4	-0.684	-1.473	0
15	2003	158	1415	3.522	335.3	34.07	33.34	32.4	-0.739	-1.677	0
15	2003	158	1430	3.887	10.44	34.04	33.21	32.41	-0.836	-1.631	0
15	2003	158	1445	2.031	315.6	33.85	33.41	32.72	-0.441	-1.132	0
15	2003	158	1500	2.603	246.4	34.26	33.74	32.91	-0.521	-1.344	0
15	2003	158	1515	1.701	189.5	33.88	33.57	32.9	-0.312	-0.983	0
15	2003	158	1530	2.285	196.9	34.18	33.8	33.09	-0.381	-1.092	0
15	2003	158	1545	2.815	290.6	33.8	33.44	32.75	-0.358	-1.047	0
15	2003	158	1600	6.117	11.65	32.84	32.52	31.98	-0.31	-0.86	0

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15	2003	158	1615	5.801	26.53	33.12	32.5	31.8	-0.624	-1.318	0
15	2003	158	1630	2.08	23.96	33.49	33.16	32.47	-0.329	-1.022	0
15	2003	158	1645	2.871	49.68	33.66	33.21	32.47	-0.451	-1.189	0
15	2003	158	1700	2.851	31.66	33.6	33.21	32.62	-0.391	-0.973	0
15	2003	158	1715	6.177	68.16	32.88	32.43	31.62	-0.446	-1.257	0
15	2003	158	1730	5.547	90.2	32.94	32.65	31.91	-0.292	-1.03	0
15	2003	158	1745	7.09	95.4	32.4	32.13	31.49	-0.265	-0.908	0
15	2003	158	1800	6.932	97.6	31.86	31.66	31.06	-0.198	-0.792	0
15	2003	158	1815	5.851	85.5	31.47	31.32	30.84	-0.146	-0.626	0
15	2003	158	1830	6.091	88.4	30.88	30.81	30.4	-0.065	-0.477	0
15	2003	158	1845	5.481	85.5	30.2	30.22	30.05	0.02	-0.159	0
15	2003	158	1900	5.169	81.6	29.41	29.51	29.59	0.103	0.181	0
15	2003	158	1915	5.1	82.8	28.81	28.99	29.27	0.176	0.457	0
15	2003	158	1930	4.877	88.7	28.24	28.45	29.09	0.209	0.847	0
15	2003	158	1945	5.458	91.9	27.85	28.07	28.48	0.219	0.628	0
15	2003	158	2000	5.864	95.1	27.28	27.5	27.95	0.216	0.666	0
15	2003	158	2015	5.71	95.9	26.94	27.16	27.41	0.215	0.472	0
15	2003	158	2030	6.109	87	26.68	26.88	27.19	0.193	0.509	0
15	2003	158	2045	6.517	69.65	26.16	26.3	26.57	0.148	0.41	0
15	2003	158	2100	8.82	66.37	26.23	26.28	26.16	0.043	-0.076	0
15	2003	158	2115	11.13	65.61	25.98	26	25.75	0.017	-0.235	0
15	2003	158	2130	12.12	53.63	23.13	23.06	22.53	-0.071	-0.598	0
15	2003	158	2145	12.73	55.67	21.17	21.06	20.61	-0.112	-0.557	0
15	2003	158	2200	13.74	62.43	20.46	20.36	19.93	-0.109	-0.535	0
15	2003	158	2215	12.69	60.47	19.82	19.71	19.29	-0.104	-0.527	0
15	2003	158	2230	11.69	58.89	19.21	19.11	18.7	-0.101	-0.513	0
15	2003	158	2245	12.59	63.19	18.6	18.5	18.1	-0.096	-0.503	0
15	2003	158	2300	12.1	57.77	18.28	18.17	17.78	-0.104	-0.495	0
15	2003	158	2315	12.71	60.32	18.13	18.03	17.65	-0.093	-0.479	0
15	2003	158	2330	12.91	61.41	17.93	17.84	17.47	-0.09	-0.463	0
15	2003	158	2345	10.64	61.62	17.82	17.74	17.38	-0.082	-0.438	0
15	2003	158	2400	10.91	57.28	17.72	17.64	17.27	-0.081	-0.453	0
24	2003	158	2400	2153	25	1454	16.52	419	34.71	1454	-1.766
15	2003	159	15	9.12	62.77	17.46	17.4	17.04	-0.066	-0.425	0
15	2003	159	30	3.558	23.45	17.38	17.33	17	-0.049	-0.376	0
15	2003	159	45	4.784	44.75	17.24	17.2	16.86	-0.041	-0.383	0
15	2003	159	100	5.393	22.04	17.09	17.06	16.75	-0.034	-0.338	0
15	2003	159	115	6.236	32.35	17.03	17	16.71	-0.032	-0.323	0

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15	2003	159	130	5.639	43.14	16.91	16.87	16.58	-0.039	-0.331	0
15	2003	159	145	5.338	44.52	16.8	16.76	16.47	-0.037	-0.323	0
15	2003	159	200	4.926	45.94	16.66	16.63	16.32	-0.036	-0.339	0
15	2003	159	215	5.258	60.48	16.53	16.49	16.2	-0.042	-0.332	0
15	2003	159	230	5.046	53.25	16.54	16.51	16.22	-0.027	-0.318	0
15	2003	159	245	3.666	30.67	16.42	16.44	16.21	0.024	-0.203	0
15	2003	159	300	3.58	40.04	16.53	16.48	16.24	-0.054	-0.289	0
15	2003	159	315	3.462	37.23	17.05	16.9	16.52	-0.154	-0.533	0
15	2003	159	330	3.084	14.27	17.24	17.08	16.62	-0.162	-0.624	0
15	2003	159	345	3.473	11.13	17.31	17.16	16.71	-0.15	-0.604	0
15	2003	159	400	3.61	23.12	17.51	17.37	16.95	-0.141	-0.565	0
15	2003	159	415	2.824	39.72	17.65	17.49	17.06	-0.155	-0.587	0
15	2003	159	430	2.393	37.62	17.68	17.54	17.09	-0.148	-0.59	0
15	2003	159	445	1.745	10.81	17.69	17.53	17.08	-0.157	-0.605	0
15	2003	159	500	1.695	353.8	17.71	17.56	17.14	-0.151	-0.576	0
15	2003	159	515	2.053	6.265	17.83	17.68	17.22	-0.151	-0.613	0
15	2003	159	530	2.44	28.06	17.96	17.78	17.31	-0.177	-0.654	0
15	2003	159	545	3.102	34.6	18.11	17.92	17.41	-0.194	-0.701	0
15	2003	159	600	4.722	41.06	18.03	17.8	17.25	-0.234	-0.784	0
15	2003	159	615	4.231	44.88	17.72	17.45	16.85	-0.278	-0.876	0
15	2003	159	630	5.731	32.71	16.64	16.29	15.64	-0.347	-1.005	0
15	2003	159	645	5.453	38.79	16.55	16.16	15.54	-0.392	-1.011	0
15	2003	159	700	4.795	40.63	16.67	16.3	15.62	-0.363	-1.047	0
15	2003	159	715	4.86	55.03	16.58	16.2	15.57	-0.384	-1.015	0
15	2003	159	730	4.819	47.96	16.75	16.31	15.6	-0.442	-1.146	0
15	2003	159	745	4.025	59.17	16.86	16.42	15.75	-0.438	-1.11	0
15	2003	159	800	3.595	67.12	17.4	16.9	16.11	-0.503	-1.29	0
15	2003	159	815	3.693	62.86	17.68	17.13	16.28	-0.551	-1.4	0
15	2003	159	830	3.802	65.67	17.88	17.34	16.6	-0.547	-1.278	0
15	2003	159	845	3.528	81.2	18.32	17.74	16.89	-0.579	-1.426	0
15	2003	159	900	3.301	60.58	18.55	17.97	17.19	-0.585	-1.362	0
15	2003	159	915	3.169	95.1	18.99	18.41	17.55	-0.575	-1.436	0
15	2003	159	930	2.877	63.97	19.2	18.55	17.88	-0.645	-1.322	0
15	2003	159	945	3.115	111.5	19.56	18.9	18.2	-0.657	-1.36	0
15	2003	159	1000	2.523	85.1	19.57	18.97	18.21	-0.601	-1.36	0
15	2003	159	1015	3.279	133.8	20.38	19.43	18.71	-0.943	-1.668	0
15	2003	159	1030	2.776	149.9	20.94	20.13	19.18	-0.812	-1.755	0
15	2003	159	1045	3.354	168.3	21.86	20.84	19.86	-1.017	-1.993	0

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15	2003	159	1100	3.063	153.9	21.67	20.82	20.04	-0.85	-1.63	0
15	2003	159	1115	3.671	154.3	22.7	21.74	20.68	-0.959	-2.015	0
15	2003	159	1130	2.758	133.5	22.72	21.76	20.87	-0.963	-1.848	0
15	2003	159	1145	4.419	159.6	23.46	22.24	21.23	-1.22	-2.228	0
15	2003	159	1200	4.072	143.2	24.09	22.79	21.74	-1.299	-2.356	0
15	2003	159	1215	4.094	143.1	24.4	23.2	22.09	-1.192	-2.303	0
15	2003	159	1230	4.367	150.8	24.75	23.57	22.47	-1.186	-2.288	0
15	2003	159	1245	4.132	143.9	24.91	23.75	22.66	-1.165	-2.256	0
15	2003	159	1300	4.496	137.6	25.1	24.02	22.96	-1.08	-2.138	0
15	2003	159	1315	4.034	154.8	25.73	24.37	23.32	-1.353	-2.407	0
15	2003	159	1330	4.264	145.4	26.09	24.95	23.67	-1.137	-2.417	0
15	2003	159	1345	4.987	131.9	25.94	24.68	23.6	-1.264	-2.344	0
15	2003	159	1400	5.93	152.6	26.39	25.07	23.97	-1.313	-2.412	0
15	2003	159	1415	4.946	146.7	26.27	25.13	24.05	-1.142	-2.218	0
15	2003	159	1430	5.039	141.4	26.94	25.81	24.59	-1.132	-2.352	0
15	2003	159	1445	5.189	142.7	27.14	25.91	24.64	-1.229	-2.5	0
15	2003	159	1500	4.824	160.7	26.45	25.44	24.47	-1.009	-1.977	0
15	2003	159	1515	5.222	140.6	26.73	25.64	24.58	-1.087	-2.148	0
15	2003	159	1530	5.714	154.4	26.67	25.54	24.52	-1.132	-2.145	0
15	2003	159	1545	5.952	153.5	26.69	25.7	24.75	-0.993	-1.942	0
15	2003	159	1600	4.945	158.6	26.88	25.89	24.84	-0.99	-2.037	0
15	2003	159	1615	5.452	141.5	27	26.02	24.98	-0.983	-2.026	0
15	2003	159	1630	5.288	154.7	26.96	26	25.08	-0.956	-1.874	0
15	2003	159	1645	6.017	146.6	26.9	26.05	25.16	-0.849	-1.737	0
15	2003	159	1700	6.485	134.9	26.88	26.08	25.16	-0.797	-1.722	0
15	2003	159	1715	6.715	150.2	26.7	25.99	25.17	-0.716	-1.529	0
15	2003	159	1730	6.921	152.6	26.52	25.92	25.09	-0.602	-1.435	0
15	2003	159	1745	7.25	158.8	26.16	25.61	24.85	-0.551	-1.306	0
15	2003	159	1800	6.682	161.4	25.84	25.46	24.81	-0.381	-1.033	0
15	2003	159	1815	5.89	149.7	25.52	25.3	24.77	-0.217	-0.755	0
15	2003	159	1830	5.543	148.5	25.65	25.45	24.94	-0.2	-0.708	0
15	2003	159	1845	6.048	144.4	25.38	25.31	24.89	-0.074	-0.496	0
15	2003	159	1900	5.061	145.3	25.18	25.17	24.82	-0.006	-0.361	0
15	2003	159	1915	4.312	144.9	24.97	25.02	24.76	0.055	-0.203	0
15	2003	159	1930	3.849	142.2	24.84	24.94	24.78	0.094	-0.062	0
15	2003	159	1945	4.088	143.8	24.72	24.88	24.8	0.157	0.082	0
15	2003	159	2000	4.45	144.6	24.68	24.8	24.69	0.126	0.013	0
15	2003	159	2015	3.698	141.6	24.36	24.51	24.43	0.146	0.064	0

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15	2003	159	2030	3.302	132.3	23.94	24.15	24.19	0.211	0.245	0
15	2003	159	2045	4.27	134.5	23.77	23.89	23.83	0.121	0.067	0
15	2003	159	2100	4.66	129.3	23.56	23.65	23.5	0.085	-0.065	0
15	2003	159	2115	4.523	121.7	23.35	23.45	23.31	0.099	-0.04	0
15	2003	159	2130	4.632	125.7	23.17	23.27	23.21	0.108	0.04	0
15	2003	159	2145	4.583	122.2	22.99	23.08	23.02	0.084	0.029	0
15	2003	159	2200	4.372	125.1	22.72	22.83	22.83	0.108	0.105	0
15	2003	159	2215	4.804	124.5	22.56	22.67	22.74	0.111	0.183	0
15	2003	159	2230	4.518	123.5	22.44	22.56	22.73	0.12	0.294	0
15	2003	159	2245	4.73	127.7	22.41	22.53	22.79	0.122	0.383	0
15	2003	159	2300	4.282	118.8	22.24	22.35	22.78	0.112	0.538	0
15	2003	159	2315	4.247	124.3	22.19	22.31	22.75	0.128	0.566	0
15	2003	159	2330	3.51	132.3	22.01	22.15	22.79	0.137	0.776	0
15	2003	159	2345	2.328	125.2	21.34	21.48	22.5	0.136	1.153	0
15	2003	159	2400	3.206	122.6	21.11	21.26	22.51	0.15	1.396	0
24	2003	159	2400	0	17.04	1417	15.95	632	26.72	1439	-2.012
15	2003	160	15	3.49	105.5	21.33	21.47	22.55	0.144	1.222	0
15	2003	160	30	3.343	96.9	21.58	21.75	22.38	0.161	0.792	0
15	2003	160	45	4.347	125.7	21.8	21.96	22.55	0.169	0.755	0
15	2003	160	100	4.809	124.6	21.79	21.92	22.43	0.134	0.642	0
15	2003	160	115	4.83	128.1	21.49	21.64	22.38	0.145	0.889	0
15	2003	160	130	4.698	134.5	21.66	21.85	22.69	0.184	1.032	0
15	2003	160	145	3.997	130.7	21.46	21.62	22.37	0.158	0.912	0
15	2003	160	200	3.487	136.1	21.28	21.56	22.44	0.28	1.166	0
15	2003	160	215	3.345	128.2	20.93	21.23	22.27	0.291	1.338	0
15	2003	160	230	3.177	123.8	20.62	20.9	22.12	0.277	1.493	0
15	2003	160	245	2.888	126.1	20.37	20.69	21.98	0.318	1.614	0
15	2003	160	300	3.072	121.3	20.19	20.48	21.96	0.292	1.769	0
15	2003	160	315	3.425	116.5	19.9	20.16	21.48	0.264	1.581	0
15	2003	160	330	3.73	113.8	19.86	20.08	21.23	0.222	1.371	0
15	2003	160	345	3.864	121.5	19.81	20.05	20.99	0.24	1.177	0
15	2003	160	400	3.713	118.4	19.71	19.94	20.91	0.23	1.199	0
15	2003	160	415	3.925	121.8	19.65	19.9	20.82	0.244	1.166	0
15	2003	160	430	3.768	126.2	19.66	19.91	20.66	0.249	1.001	0
15	2003	160	445	3.034	119.4	19.54	19.76	20.38	0.224	0.839	0
15	2003	160	500	2.713	119.5	19.37	19.61	20.29	0.239	0.914	0
15	2003	160	515	2.195	137	19.51	19.61	19.93	0.109	0.423	0
15	2003	160	530	1.167	113.5	19.63	19.72	19.93	0.086	0.297	0

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15	2003	160	545	1.697	101.6	19.65	19.83	20.27	0.177	0.619	0
15	2003	160	600	1.62	119	19.88	19.96	20.39	0.083	0.512	0
15	2003	160	615	1.402	124.8	20.69	20.61	20.9	-0.078	0.215	0
15	2003	160	630	2.073	125.1	21.96	21.68	21.22	-0.279	-0.747	0
15	2003	160	645	1.526	140.1	22.64	22.37	21.89	-0.269	-0.748	0
15	2003	160	700	2.235	186.5	23.86	23.49	22.98	-0.37	-0.882	0
15	2003	160	715	2.584	203.8	24.78	24.32	23.62	-0.458	-1.159	0
15	2003	160	730	2.254	224.7	25.08	24.63	24.05	-0.451	-1.033	0
15	2003	160	745	1.964	221.1	25.69	25.24	24.51	-0.452	-1.179	0
15	2003	160	800	2.396	208.8	26.6	26.03	25.41	-0.572	-1.19	0
15	2003	160	815	3.597	183.4	27.46	26.8	26.03	-0.656	-1.427	0
15	2003	160	830	3.778	196.4	27.7	27.15	26.41	-0.546	-1.288	0
15	2003	160	845	4.787	196.4	28.58	27.86	26.95	-0.724	-1.628	0
15	2003	160	900	5.264	206.2	29.21	28.4	27.41	-0.813	-1.799	0
15	2003	160	915	5.541	202.1	28.95	28.31	27.44	-0.649	-1.511	0
15	2003	160	930	5.156	203.6	29.4	28.56	27.54	-0.84	-1.862	0
15	2003	160	945	5.154	202.4	29.71	28.83	27.79	-0.875	-1.912	0
15	2003	160	1000	4.269	199.9	29.65	28.84	27.92	-0.806	-1.726	0
15	2003	160	1015	3.487	229.3	29.81	29.15	28.31	-0.661	-1.508	0
15	2003	160	1030	4.229	201.5	31.07	30.12	29.11	-0.949	-1.961	0
15	2003	160	1045	3.523	196.3	31.35	30.41	29.49	-0.933	-1.853	0
15	2003	160	1100	4.857	213.3	31.82	30.75	29.79	-1.069	-2.039	0
15	2003	160	1115	4.722	211.7	32.48	31.32	30.26	-1.158	-2.219	0
15	2003	160	1130	4.489	182.4	33.46	32.15	30.98	-1.312	-2.48	0
15	2003	160	1145	5.077	196.5	34.04	32.64	31.45	-1.397	-2.594	0
15	2003	160	1200	5.096	187.1	34.23	33.06	31.76	-1.166	-2.472	0
15	2003	160	1215	7.4	178.1	34.6	33.23	32.06	-1.37	-2.533	0
15	2003	160	1230	6.861	176.1	34.28	33	31.68	-1.275	-2.6	0
15	2003	160	1245	7.33	182.4	34.09	33.02	31.74	-1.071	-2.35	0
15	2003	160	1300	7.15	190.2	34.45	33.18	32.05	-1.272	-2.404	0
15	2003	160	1315	6.709	175.6	34.55	33.31	32.15	-1.242	-2.402	0
15	2003	160	1330	7.71	178.2	34.15	33.14	32.06	-1.011	-2.089	0
15	2003	160	1345	6.622	175.1	33.11	32.39	31.52	-0.72	-1.595	0
15	2003	160	1400	6.668	173.7	32.62	32.05	31.21	-0.571	-1.412	0
15	2003	160	1415	6.935	166.9	32.63	32	31.16	-0.631	-1.47	0
15	2003	160	1430	7.45	158.3	32.92	32.14	31.15	-0.772	-1.765	0
15	2003	160	1445	6.69	161.8	33.11	32.33	31.45	-0.781	-1.663	0
15	2003	160	1500	6.745	161.6	33.41	32.66	31.79	-0.749	-1.624	0

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15	2003	160	1515	7.65	155	34.61	33.54	32.48	-1.065	-2.13	0
15	2003	160	1530	7.6	162.1	34.64	33.76	32.73	-0.884	-1.913	0
15	2003	160	1545	7.33	174.9	35.07	34.18	33.04	-0.884	-2.023	0
15	2003	160	1600	7.7	178.6	35.03	34.19	33.1	-0.84	-1.931	0
15	2003	160	1615	7.64	160.2	34.97	34.1	33.01	-0.861	-1.959	0
15	2003	160	1630	7.32	159	34.36	33.54	32.63	-0.817	-1.733	0
15	2003	160	1645	7.4	165.8	34.57	33.78	32.77	-0.794	-1.801	0
15	2003	160	1700	8.06	156.4	33.95	33.29	32.42	-0.661	-1.526	0
15	2003	160	1715	8.29	148.1	33.02	32.63	31.93	-0.393	-1.088	0
15	2003	160	1730	8.61	152.1	32.43	32.21	31.64	-0.221	-0.792	0
15	2003	160	1745	7.79	162.1	32.19	32.03	31.53	-0.154	-0.656	0
15	2003	160	1800	8.31	159.2	31.6	31.51	31.06	-0.087	-0.537	0
15	2003	160	1815	11.72	196	29.78	29.59	29.25	-0.197	-0.536	0.254
15	2003	160	1830	17.55	260.6	19.21	18.79	18.38	-0.425	-0.835	7.87
15	2003	160	1845	10.36	279.1	19.31	19.23	18.33	-0.076	-0.977	4.064
15	2003	160	1900	8.24	287	20.26	20.56	20.09	0.297	-0.173	0.254
15	2003	160	1915	5.482	307.9	20.22	20.53	20.73	0.318	0.518	0
15	2003	160	1930	7.88	343.6	20.13	20.42	20.69	0.286	0.558	0.254
15	2003	160	1945	7.46	3.976	19.96	20.12	20.25	0.167	0.292	0
15	2003	160	2000	7.38	21.51	19.87	19.97	19.86	0.099	-0.008	0
15	2003	160	2015	7.7	11.76	19.67	19.76	19.65	0.09	-0.026	0
15	2003	160	2030	6.501	22.65	19.51	19.6	19.47	0.091	-0.036	0
15	2003	160	2045	4.578	2.175	19.55	19.65	19.57	0.099	0.018	0
15	2003	160	2100	3.601	354.4	19.61	19.75	19.83	0.143	0.22	0
15	2003	160	2115	2.736	26.3	19.57	19.75	20.03	0.176	0.455	0
15	2003	160	2130	2.21	10.39	19.34	19.6	20.04	0.251	0.696	0
15	2003	160	2145	2.741	29.2	19	19.33	20.06	0.331	1.056	0
15	2003	160	2200	3.079	100.5	18.61	18.85	19.51	0.249	0.904	0
15	2003	160	2215	4.381	114.4	18.72	18.9	19.31	0.175	0.59	0
15	2003	160	2230	4.809	115.3	18.74	18.85	19.12	0.109	0.387	0
15	2003	160	2245	4.078	125	18.66	18.74	18.86	0.082	0.199	0
15	2003	160	2300	4.037	113.4	18.77	18.89	18.96	0.117	0.183	0
15	2003	160	2315	3.539	121	18.65	18.77	18.99	0.123	0.337	0
15	2003	160	2330	2.658	174.6	18.45	18.55	18.69	0.101	0.246	0
15	2003	160	2345	2.598	234	18.44	18.56	18.49	0.12	0.051	0
15	2003	160	2400	2.421	234.6	18.15	18.29	18.45	0.137	0.298	0
24	2003	160	2400	1811	32.18	1536	17.7	1825	34.74	1536	-1.987
15	2003	161	15	1.911	223.1	17.81	18.01	18.36	0.197	0.552	0

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15	2003	161	30	2.19	213.9	17.34	17.52	18.13	0.177	0.791	0
15	2003	161	45	2.127	209.2	17.19	17.27	18.19	0.083	0.999	0
15	2003	161	100	1.985	200	17.01	17.21	18.37	0.197	1.356	0
15	2003	161	115	2.28	199.4	16.8	17.12	18.05	0.317	1.246	0
15	2003	161	130	2.002	199.8	16.71	16.95	17.98	0.244	1.276	0
15	2003	161	145	1.699	192.3	16.51	16.69	18.09	0.176	1.58	0
15	2003	161	200	1.404	197.6	16.45	16.53	18.38	0.077	1.936	0
15	2003	161	215	1.212	167.7	16.29	16.37	18.57	0.077	2.273	0
15	2003	161	230	0.905	218.5	16.25	16.27	18.53	0.014	2.277	0
15	2003	161	245	0.497	196.8	16.14	16.32	18.19	0.175	2.049	0
15	2003	161	300	0.311	65.31	15.8	16.42	17.99	0.615	2.19	0
15	2003	161	315	0.294	270.3	15.78	16.58	17.81	0.794	2.032	0
15	2003	161	330	0.523	225.2	15.9	16.8	17.69	0.894	1.783	0
15	2003	161	345	0.931	202	15.46	16.76	17.66	1.301	2.201	0
15	2003	161	400	1.437	177.1	15.39	16.75	17.66	1.359	2.274	0
15	2003	161	415	2.06	171.6	15.4	16.57	17.6	1.176	2.202	0
15	2003	161	430	2.218	145.5	15.34	16.18	17.59	0.832	2.247	0
15	2003	161	445	1.631	122	15.23	15.61	17.5	0.385	2.272	0
15	2003	161	500	1.704	133.1	15.22	15.58	17.57	0.365	2.346	0
15	2003	161	515	1.521	119.1	15.25	15.83	17.81	0.581	2.561	0
15	2003	161	530	1.355	96.2	15.41	16.41	18.09	0.999	2.681	0
15	2003	161	545	1.233	117	16.19	16.86	18.19	0.67	2.006	0
15	2003	161	600	0.943	149.4	17.06	17.34	18.03	0.28	0.979	0
15	2003	161	615	1.357	189.9	17.92	17.89	17.95	-0.037	0.031	0
15	2003	161	630	1.101	189.5	18.52	18.41	18.13	-0.11	-0.384	0
15	2003	161	645	1.591	245.3	19.01	18.81	18.37	-0.202	-0.642	0
15	2003	161	700	1.293	300.4	19.31	19.21	18.7	-0.101	-0.606	0
15	2003	161	715	1.846	314.2	19.84	19.6	19.16	-0.237	-0.679	0
15	2003	161	730	2.371	338.5	20.09	19.74	19.16	-0.346	-0.93	0
15	2003	161	745	1.913	335	20.51	20.2	19.7	-0.303	-0.807	0
15	2003	161	800	1.701	315.6	21.19	21	20.46	-0.193	-0.734	0
15	2003	161	815	1.739	306.9	21.86	21.67	21.12	-0.19	-0.737	0
15	2003	161	830	1.954	313.2	22.63	22.43	21.95	-0.202	-0.685	0
15	2003	161	845	2.22	309.5	23.29	23.04	22.43	-0.255	-0.864	0
15	2003	161	900	2.674	300.9	24.02	23.64	22.98	-0.385	-1.038	0
15	2003	161	915	3.538	288.8	25.2	24.68	23.84	-0.511	-1.353	0
15	2003	161	930	3.024	304.2	26	25.57	24.81	-0.435	-1.194	0
15	2003	161	945	2.596	307.9	26.32	25.89	25.22	-0.422	-1.095	0

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15	2003	161	1000	2.536	312.1	26.81	26.47	25.79	-0.337	-1.023	0
15	2003	161	1015	3.024	329.9	27.38	26.94	26.26	-0.442	-1.121	0
15	2003	161	1030	3.035	305.3	28.07	27.55	26.76	-0.525	-1.316	0
15	2003	161	1045	1.881	310.9	28.23	27.87	27.28	-0.354	-0.947	0
15	2003	161	1100	2.829	329.6	28.91	28.48	27.71	-0.431	-1.204	0
15	2003	161	1115	1.92	333.9	29.14	28.65	28.07	-0.489	-1.062	0
15	2003	161	1130	3.539	284	30.23	29.61	28.83	-0.622	-1.395	0
15	2003	161	1145	2.011	257.5	29.88	29.44	28.8	-0.433	-1.079	0
15	2003	161	1200	3.085	261.9	31.13	30.55	29.68	-0.584	-1.448	0
15	2003	161	1215	4.161	253.1	31.41	30.65	29.83	-0.768	-1.587	0
15	2003	161	1230	4.52	261.7	31.88	31.04	30.19	-0.839	-1.689	0
15	2003	161	1245	4.637	259	32.24	31.47	30.5	-0.776	-1.745	0
15	2003	161	1300	5.026	238.8	32.77	31.88	30.8	-0.882	-1.965	0
15	2003	161	1315	4.473	240.2	32.94	32.08	31.11	-0.858	-1.829	0
15	2003	161	1330	5.746	238.3	33.29	32.26	31.28	-1.027	-2.015	0
15	2003	161	1345	5.645	245.5	33.54	32.6	31.6	-0.943	-1.948	0
15	2003	161	1400	6.957	249.6	33.94	32.99	32.03	-0.951	-1.917	0
15	2003	161	1415	5.345	257	33.85	33	32.11	-0.855	-1.745	0
15	2003	161	1430	5.798	280.8	34.11	33.35	32.44	-0.761	-1.665	0
15	2003	161	1445	5.163	255.6	34.24	33.54	32.63	-0.704	-1.616	0
15	2003	161	1500	5.593	240.6	34.48	33.67	32.69	-0.807	-1.786	0
15	2003	161	1515	5.62	240.8	34.27	33.57	32.7	-0.694	-1.565	0
15	2003	161	1530	6.529	253.5	34.3	33.63	32.93	-0.666	-1.365	0
15	2003	161	1545	5.177	254.9	34.31	33.67	32.86	-0.64	-1.454	0
15	2003	161	1600	4.391	248.9	34.19	33.66	32.96	-0.525	-1.222	0
15	2003	161	1615	4.094	240.4	34.19	33.66	32.95	-0.526	-1.237	0
15	2003	161	1630	5.518	240.3	34.21	33.68	32.99	-0.526	-1.216	0
15	2003	161	1645	5.511	239.9	34.29	33.81	33.1	-0.476	-1.19	0
15	2003	161	1700	6.21	246	34.25	33.84	33.2	-0.407	-1.052	0
15	2003	161	1715	4.911	249.8	34.12	33.77	33.14	-0.349	-0.982	0
15	2003	161	1730	5.925	250.2	34.03	33.78	33.24	-0.245	-0.793	0
15	2003	161	1745	4.595	247.9	33.82	33.67	33.17	-0.15	-0.649	0
15	2003	161	1800	5.459	260.7	33.6	33.54	33.15	-0.065	-0.452	0
15	2003	161	1815	4.417	260.6	33.21	33.22	32.98	0.014	-0.226	0
15	2003	161	1830	5.22	253.9	32.57	32.7	32.58	0.132	0.01	0
15	2003	161	1845	5.727	246.4	32.12	32.34	32.31	0.213	0.184	0
15	2003	161	1900	4.671	246.7	31.29	31.68	31.89	0.384	0.595	0
15	2003	161	1915	4.738	243.1	30.77	31.21	31.49	0.439	0.718	0

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15	2003	161	1930	3.931	240.3	30.03	30.55	31.07	0.516	1.043	0
15	2003	161	1945	3.305	232.4	28.98	29.55	30.25	0.574	1.274	0
15	2003	161	2000	2.274	221.3	27.31	28.32	29.76	1.008	2.445	0
15	2003	161	2015	2.227	215.3	26.4	27.45	29.49	1.047	3.091	0
15	2003	161	2030	2.498	224.8	26.44	27.57	29.23	1.132	2.79	0
15	2003	161	2045	2.22	216.3	26.26	27.45	29.44	1.183	3.178	0
15	2003	161	2100	1.545	199.7	25.97	27.23	29.4	1.259	3.434	0
15	2003	161	2115	1.408	173.7	24.27	26.95	28.91	2.684	4.644	0
15	2003	161	2130	2.038	179.1	24.07	27.1	28.73	3.036	4.662	0
15	2003	161	2145	2.362	168.2	23.46	26.9	28.52	3.447	5.064	0
15	2003	161	2200	2.069	173.7	23.62	26.85	28.69	3.234	5.067	0
15	2003	161	2215	1.835	183.5	23.13	27.03	28.84	3.902	5.712	0
15	2003	161	2230	2.042	191.1	23.71	27	28.97	3.293	5.262	0
15	2003	161	2245	2.466	188.9	22.82	26.69	28.74	3.873	5.92	0
15	2003	161	2300	1.851	188.7	23.21	26.73	28.65	3.52	5.438	0
15	2003	161	2315	2.115	167.6	21.95	26.24	28.46	4.289	6.508	0
15	2003	161	2330	1.96	176.2	21.2	26.4	28.59	5.205	7.4	0
15	2003	161	2345	1.616	172.7	21.46	25.71	28.46	4.25	7.01	0
15	2003	161	2400	1.434	194.9	21.26	25.81	28.18	4.549	6.924	0
24	2003	161	2400	1356	13.47	1437	15.39	448	34.15	1614	-1.398
15	2003	162	15	1.975	205.9	22.06	26.12	27.98	4.066	5.927	0
15	2003	162	30	1.916	213.8	22.2	26.03	27.53	3.831	5.328	0
15	2003	162	45	2.007	188.4	22.05	25.94	27.61	3.89	5.551	0
15	2003	162	100	2.693	162.7	20.85	25.56	27.08	4.707	6.226	0
15	2003	162	115	4.853	146.8	21.5	22.71	25.47	1.212	3.972	0
15	2003	162	130	3.914	142.4	21.3	21.86	23.06	0.556	1.759	0
15	2003	162	145	3.812	139.4	21.04	21.56	22.93	0.516	1.893	0
15	2003	162	200	3.476	140.2	20.52	21.14	22.65	0.62	2.134	0
15	2003	162	215	3.745	139.6	20.57	21.17	22.7	0.599	2.127	0
15	2003	162	230	3.974	138.8	20.6	21.14	22.35	0.533	1.743	0
15	2003	162	245	3.729	142	20.44	20.91	22.05	0.471	1.607	0
15	2003	162	300	3.192	144.4	20.44	20.97	22.27	0.526	1.825	0
15	2003	162	315	2.394	157.7	19.77	20.7	22.36	0.932	2.596	0
15	2003	162	330	2.293	161.6	18.87	20.14	22.01	1.263	3.136	0
15	2003	162	345	3.154	149.8	19.58	20.7	22.07	1.119	2.482	0
15	2003	162	400	3.336	148.3	19.44	20.44	22.45	1.001	3.013	0
15	2003	162	415	3.648	144.5	19.79	20.54	22.55	0.758	2.759	0
15	2003	162	430	2.507	144.8	19.44	20.22	23.26	0.779	3.814	0

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15	2003	162	445	2.087	155	19.69	20.27	23.32	0.582	3.629	0
15	2003	162	500	1.624	127.5	19.27	19.89	23.72	0.616	4.445	0
15	2003	162	515	1.561	123.2	19.67	20.74	24.13	1.075	4.459	0
15	2003	162	530	0.945	106.6	19.77	20.64	24.08	0.872	4.309	0
15	2003	162	545	1.424	123.1	20.4	21.1	24.16	0.692	3.757	0
15	2003	162	600	1.395	128.6	21.64	21.92	24.18	0.284	2.548	0
15	2003	162	615	1.855	124	22.66	22.64	24.32	-0.022	1.658	0
15	2003	162	630	1.025	170.4	23.92	23.81	24.33	-0.109	0.41	0
15	2003	162	645	1.164	214.2	24.98	24.84	24.48	-0.139	-0.502	0
15	2003	162	700	1.332	218.9	25.6	25.46	24.98	-0.138	-0.62	0
15	2003	162	715	1.462	213.1	26.3	26.07	25.49	-0.226	-0.805	0
15	2003	162	730	1.336	222.7	26.7	26.49	25.86	-0.213	-0.841	0
15	2003	162	745	2.489	262.2	27.26	26.92	26.26	-0.341	-1.001	0
15	2003	162	800	3.07	279.2	27.59	27.2	26.54	-0.392	-1.051	0
15	2003	162	815	3.332	277.4	28.24	27.71	26.96	-0.528	-1.28	0
15	2003	162	830	3.751	288.2	28.59	28.02	27.28	-0.57	-1.309	0
15	2003	162	845	3.541	301	28.58	28.19	27.46	-0.389	-1.12	0
15	2003	162	900	3.127	303.2	29.2	28.71	27.95	-0.487	-1.243	0
15	2003	162	915	3.484	309.3	29.57	29.12	28.36	-0.441	-1.202	0
15	2003	162	930	2.696	301.6	30.08	29.71	28.99	-0.377	-1.089	0
15	2003	162	945	2.722	313.7	30.7	30.27	29.59	-0.423	-1.105	0
15	2003	162	1000	3.14	306.2	31.18	30.59	29.71	-0.585	-1.467	0
15	2003	162	1015	2.797	319.8	31.13	30.61	29.87	-0.522	-1.26	0
15	2003	162	1030	1.982	286	31.67	31.19	30.31	-0.478	-1.356	0
15	2003	162	1045	2.481	331.6	31.77	31.21	30.45	-0.561	-1.325	0
15	2003	162	1100	2.259	284.3	32.5	31.82	31.04	-0.681	-1.461	0
15	2003	162	1115	2.248	307.8	32.68	32.12	31.29	-0.557	-1.384	0
15	2003	162	1130	3.652	273.4	33.04	32.37	31.51	-0.671	-1.531	0
15	2003	162	1145	1.888	247.9	32.98	32.53	31.61	-0.451	-1.375	0
15	2003	162	1200	4.51	273.4	34.04	33.11	32.08	-0.926	-1.957	0
15	2003	162	1215	4.376	262	34	33.11	32.09	-0.884	-1.905	0
15	2003	162	1230	3.969	204	33.92	33.1	32.27	-0.815	-1.641	0
15	2003	162	1245	3.391	276.8	33.75	33.05	32.26	-0.706	-1.492	0
15	2003	162	1300	3.108	232.9	33.73	33.01	32.29	-0.721	-1.441	0
15	2003	162	1315	2.837	253.5	34.29	33.62	32.85	-0.676	-1.447	0
15	2003	162	1330	4.67	266	34.44	33.61	32.83	-0.835	-1.616	0
15	2003	162	1345	6.094	221.1	35.02	34.02	32.99	-1	-2.029	0
15	2003	162	1400	7.43	251.8	35.49	34.31	33.27	-1.174	-2.212	0

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15	2003	162	1415	7.71	224.9	35.13	34.1	32.98	-1.034	-2.153	0
15	2003	162	1430	8.3	241.3	35.09	34.16	33.18	-0.935	-1.917	0
15	2003	162	1445	7.44	242.1	35.15	34.27	33.24	-0.883	-1.914	0
15	2003	162	1500	7.73	240.4	35.01	34.06	33.1	-0.949	-1.912	0
15	2003	162	1515	6.899	230.6	34.65	33.87	32.9	-0.781	-1.752	0
15	2003	162	1530	7.8	227.7	34.56	33.84	32.88	-0.722	-1.682	0
15	2003	162	1545	8.87	238.5	34.54	33.88	32.92	-0.663	-1.624	0
15	2003	162	1600	7.94	253.6	34.57	33.83	33.04	-0.736	-1.53	0
15	2003	162	1615	7.09	252.2	34.59	33.87	33.11	-0.715	-1.476	0
15	2003	162	1630	7.81	257.7	34.63	33.98	33.24	-0.649	-1.385	0
15	2003	162	1645	6.435	261.1	34.4	33.82	33.05	-0.584	-1.355	0
15	2003	162	1700	6.433	255.2	34.13	33.6	32.9	-0.53	-1.236	0
15	2003	162	1715	7.26	243.9	33.87	33.47	32.83	-0.399	-1.035	0
15	2003	162	1730	6.782	251.5	33.75	33.42	32.78	-0.328	-0.967	0
15	2003	162	1745	6.992	261.7	33.38	33.11	32.55	-0.262	-0.824	0
15	2003	162	1800	7.23	244	33.03	32.88	32.4	-0.148	-0.625	0
15	2003	162	1815	6.646	251	32.68	32.58	32.2	-0.099	-0.48	0
15	2003	162	1830	6.303	256.4	32.14	32.16	31.87	0.012	-0.273	0
15	2003	162	1845	6.215	249.4	31.64	31.76	31.63	0.126	-0.007	0
15	2003	162	1900	4.373	248.1	30.7	31	31.13	0.302	0.431	0
15	2003	162	1915	5.021	243.6	30.3	30.61	30.82	0.319	0.526	0
15	2003	162	1930	5.267	241.9	29.89	30.22	30.47	0.334	0.587	0
15	2003	162	1945	4.716	243	29.35	29.73	30.08	0.382	0.738	0
15	2003	162	2000	3.136	232.3	28.26	28.86	29.56	0.602	1.302	0
15	2003	162	2015	2.152	221.5	26.87	27.68	29.04	0.812	2.178	0
15	2003	162	2030	1.754	200.3	26.15	27.04	28.85	0.89	2.705	0
15	2003	162	2045	1.927	185.6	24.73	26.92	28.42	2.189	3.684	0
15	2003	162	2100	2.147	181.1	24.45	26.77	28.13	2.315	3.683	0
15	2003	162	2115	2.614	189.7	24.47	26.28	28.44	1.81	3.972	0
15	2003	162	2130	3.117	186.9	24.53	26.64	28.43	2.116	3.902	0
15	2003	162	2145	2.693	183.6	24.67	26.29	28.04	1.622	3.364	0
15	2003	162	2200	1.484	187.4	24.25	25.39	27.6	1.14	3.354	0
15	2003	162	2215	1.403	202.1	23.43	25.53	27.37	2.101	3.94	0
15	2003	162	2230	2.608	224.7	24.16	25.88	27.58	1.717	3.418	0
15	2003	162	2245	3.046	229.4	23.49	26.02	27.57	2.533	4.084	0
15	2003	162	2300	2.226	219.9	23.29	25.45	27.17	2.167	3.883	0
15	2003	162	2315	1.804	198.9	22.28	24.88	26.58	2.607	4.302	0
15	2003	162	2330	2.083	203.5	21.11	24.66	26.84	3.546	5.733	0

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15	2003	162	2345	2.326	209.5	21.78	24.49	27.03	2.708	5.244	0
15	2003	162	2400	2.07	202.3	20.98	24.18	26.73	3.205	5.751	0
24	2003	162	2400	1524	17	1355	19.34	446	34.74	1436	-1.594
15	2003	163	15	1.909	194.7	20.26	24.02	26.68	3.759	6.419	0
15	2003	163	30	2.226	199.3	19.86	23.91	26.77	4.046	6.915	0
15	2003	163	45	2.165	231.1	21.42	24.44	27.1	3.022	5.686	0
15	2003	163	100	1.495	197.5	20.51	23.89	26.35	3.382	5.841	0
15	2003	163	115	0.628	157.4	18.28	22.98	25.17	4.699	6.886	0
15	2003	163	130	1.407	178.8	18.74	23.1	25.25	4.362	6.508	0
15	2003	163	145	1.838	198.1	18.6	23.15	26.02	4.552	7.42	0
15	2003	163	200	2.105	215.6	19.13	23.19	26.82	4.059	7.68	0
15	2003	163	215	1.766	237.5	18.45	23.42	27.13	4.97	8.68	0
15	2003	163	230	1.986	218.6	18.77	23.85	26.81	5.074	8.04	0
15	2003	163	245	1.943	141.7	18.17	21.14	24.22	2.968	6.051	0
15	2003	163	300	3.864	144.8	18.57	20.66	24.19	2.085	5.616	0
15	2003	163	315	2.756	162.8	18.89	21.95	24.91	3.051	6.016	0
15	2003	163	330	2.666	185.5	18.54	22.46	25.24	3.917	6.691	0
15	2003	163	345	2.323	203.5	19	22.15	25.6	3.152	6.595	0
15	2003	163	400	3.051	239	21.51	23.99	25.99	2.479	4.474	0
15	2003	163	415	3.048	225	21.52	23.65	25.87	2.13	4.355	0
15	2003	163	430	3.371	147.6	18.07	20.24	23.57	2.172	5.501	0
15	2003	163	445	2.785	168.9	18.4	20.23	24.66	1.834	6.263	0
15	2003	163	500	1.71	198.2	18.69	20.25	25.64	1.561	6.951	0
15	2003	163	515	1.804	202.2	18.71	20.97	25.67	2.269	6.964	0
15	2003	163	530	1.938	171	18.81	21.01	23.71	2.202	4.903	0
15	2003	163	545	1.773	170.2	19.75	21.39	23.67	1.64	3.917	0
15	2003	163	600	1.176	185.2	21.18	21.88	23.43	0.695	2.246	0
15	2003	163	615	1.06	214.5	22.47	22.5	23.31	0.03	0.842	0
15	2003	163	630	1.283	187.9	23.09	22.96	23.03	-0.13	-0.053	0
15	2003	163	645	1.825	203.1	23.97	23.76	23.45	-0.216	-0.522	0
15	2003	163	700	2.365	218	24.86	24.64	24.16	-0.224	-0.704	0
15	2003	163	715	2.826	232.8	25.65	25.36	24.83	-0.296	-0.821	0
15	2003	163	730	2.749	243.5	26.58	26.18	25.5	-0.393	-1.071	0
15	2003	163	745	2.71	271.8	26.99	26.56	25.83	-0.434	-1.162	0
15	2003	163	800	3.086	285.7	27.51	27.12	26.31	-0.394	-1.205	0
15	2003	163	815	3.635	286.2	27.96	27.43	26.67	-0.529	-1.29	0
15	2003	163	830	3.883	280.8	28.67	28.1	27.24	-0.572	-1.425	0
15	2003	163	845	2.964	285.2	28.95	28.43	27.6	-0.527	-1.354	0

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15	2003	163	900	2.512	309	28.92	28.6	27.83	-0.317	-1.096	0
15	2003	163	915	2.761	297.8	29.61	29.2	28.43	-0.41	-1.184	0
15	2003	163	930	3.332	320.4	30.2	29.62	28.85	-0.581	-1.352	0
15	2003	163	945	3.464	300.1	30.94	30.26	29.48	-0.686	-1.466	0
15	2003	163	1000	3.314	303.1	30.9	30.39	29.6	-0.508	-1.302	0
15	2003	163	1015	2.526	249.8	31.53	30.82	30.03	-0.703	-1.497	0
15	2003	163	1030	2.742	308.1	31.71	31.16	30.38	-0.55	-1.323	0
15	2003	163	1045	2.636	317.4	31.87	31.28	30.37	-0.594	-1.505	0
15	2003	163	1100	2.822	287.9	32.25	31.59	30.68	-0.653	-1.565	0
15	2003	163	1115	3.706	235.3	32.84	31.85	30.99	-0.984	-1.851	0
15	2003	163	1130	3.823	240.3	33.11	32.21	31.14	-0.894	-1.964	0
15	2003	163	1145	3.232	254.2	32.68	31.95	31.27	-0.727	-1.412	0
15	2003	163	1200	4.486	215.6	33.65	32.6	31.5	-1.049	-2.151	0
15	2003	163	1215	3.058	222.7	33.51	32.6	31.74	-0.911	-1.772	0
15	2003	163	1230	3.719	195.2	34.11	33.14	32.06	-0.97	-2.051	0
15	2003	163	1245	4.563	246.9	34.29	33.31	32.17	-0.975	-2.116	0
15	2003	163	1300	4.834	246.2	34.74	33.82	32.69	-0.921	-2.05	0
15	2003	163	1315	4.485	264.4	34.52	33.56	32.66	-0.958	-1.863	0
15	2003	163	1330	4.602	273.8	34.71	33.72	32.68	-0.995	-2.029	0
15	2003	163	1345	5.138	247.4	34.82	33.79	32.79	-1.03	-2.025	0
15	2003	163	1400	5.949	258	34.71	33.61	32.64	-1.091	-2.07	0
15	2003	163	1415	5.479	249.9	34.77	33.79	32.81	-0.979	-1.966	0
15	2003	163	1430	4.828	269.8	34.58	33.68	32.82	-0.903	-1.767	0
15	2003	163	1445	3.802	251.7	34.67	33.92	33.11	-0.748	-1.558	0
15	2003	163	1500	4.202	246.6	34.66	33.96	33.09	-0.696	-1.567	0
15	2003	163	1515	5.717	249.7	35.2	34.36	33.42	-0.847	-1.781	0
15	2003	163	1530	4.319	246.8	35.04	34.39	33.52	-0.648	-1.519	0
15	2003	163	1545	4.501	239.1	35.22	34.62	33.7	-0.596	-1.521	0
15	2003	163	1600	6.127	252.1	35.3	34.6	33.77	-0.705	-1.529	0
15	2003	163	1615	7.74	261.1	35.3	34.57	33.74	-0.732	-1.563	0
15	2003	163	1630	7.45	259.9	35.07	34.38	33.61	-0.691	-1.456	0
15	2003	163	1645	6.692	270.6	34.86	34.26	33.52	-0.594	-1.34	0
15	2003	163	1700	6.56	262.2	34.79	34.28	33.51	-0.507	-1.28	0
15	2003	163	1715	5.781	241	34.41	33.99	33.31	-0.417	-1.097	0
15	2003	163	1730	6.081	249.8	34.31	33.96	33.3	-0.348	-1.012	0
15	2003	163	1745	7	257.1	33.99	33.74	33.17	-0.252	-0.82	0
15	2003	163	1800	5.475	254	33.7	33.53	33.02	-0.167	-0.679	0
15	2003	163	1815	4.834	234.3	33.26	33.17	32.82	-0.094	-0.44	0

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15	2003	163	1830	5.729	236.5	32.86	32.89	32.63	0.031	-0.234	0
15	2003	163	1845	4.293	236.3	32.17	32.32	32.32	0.152	0.143	0
15	2003	163	1900	3.883	229.8	31.27	31.65	32	0.382	0.732	0
15	2003	163	1915	3.467	231.6	30.29	30.92	31.55	0.626	1.257	0
15	2003	163	1930	3.467	238.8	30.04	30.62	31.12	0.582	1.079	0
15	2003	163	1945	2.49	249.3	28.86	29.85	30.45	0.989	1.591	0
15	2003	163	2000	1.695	242.1	27.86	28.91	30.15	1.05	2.295	0
15	2003	163	2015	1.792	226.6	27.3	28.51	29.82	1.219	2.526	0
15	2003	163	2030	1.495	181.4	26.08	27.89	28.77	1.81	2.695	0
15	2003	163	2045	1.604	188.7	25.19	27.41	28.66	2.223	3.475	0
15	2003	163	2100	1.509	176.6	25.16	26.8	28.55	1.649	3.39	0
15	2003	163	2115	1.614	157.5	22.31	26.2	28.29	3.884	5.975	0
15	2003	163	2130	1.931	157.6	21.98	25.94	28.05	3.958	6.069	0
15	2003	163	2145	2.334	160.9	22.52	26	27.87	3.486	5.355	0
15	2003	163	2200	1.89	162.6	22.57	26.03	27.89	3.456	5.318	0
15	2003	163	2215	1.74	162.3	22.37	25.9	28.4	3.532	6.034	0
15	2003	163	2230	1.636	168.1	21.75	25.99	28.98	4.24	7.23	0
15	2003	163	2245	1.157	191.5	22.49	26.45	29.6	3.963	7.11	0
15	2003	163	2300	2.646	192.1	22.25	26.2	29.28	3.953	7.02	0
15	2003	163	2315	3.096	175.4	21.83	24.46	27.66	2.634	5.831	0
15	2003	163	2330	2.086	172.5	21.76	24.88	26.97	3.118	5.208	0
15	2003	163	2345	2.115	184.6	21.28	24.45	26.74	3.169	5.459	0
15	2003	163	2400	1.445	212.7	20.8	24.68	27.79	3.88	6.985	0
24	2003	163	2400	1552	14.03	1551	19.34	242	35.08	1541	-1.693
15	2003	164	15	2.234	221.4	20.89	25.23	27.85	4.333	6.96	0
15	2003	164	30	1.973	221.2	20.7	24.77	27.19	4.069	6.485	0
15	2003	164	45	2.525	248.2	21.35	24.69	26.76	3.342	5.411	0
15	2003	164	100	2.108	241.4	22.52	24.39	26.35	1.871	3.829	0
15	2003	164	115	1.24	156.5	19.54	23.07	25.05	3.53	5.508	0
15	2003	164	130	0.683	101.5	17.92	23.78	24.84	5.863	6.922	0
15	2003	164	145	0.717	115.9	16.86	23.84	24.84	6.982	7.98	0
15	2003	164	200	1.245	120.4	17.41	23.77	24.56	6.363	7.15	0
15	2003	164	215	1.04	120.3	17.09	23.79	25.29	6.694	8.2	0
15	2003	164	230	1.668	114.9	16.95	22.75	24.9	5.799	7.95	0
15	2003	164	245	0.695	134.5	17.66	23.13	25.05	5.474	7.39	0
15	2003	164	300	0.931	264.6	17.15	23.79	25.08	6.639	7.93	0
15	2003	164	315	0.396	331.5	17.58	23.44	24.26	5.858	6.682	0
15	2003	164	330	1.026	263.8	20.51	23.16	24.47	2.654	3.959	0

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15	2003	164	345	0.925	257.7	20.1	23.22	24.57	3.119	4.469	0
15	2003	164	400	1.508	302.6	19.72	23.41	24.89	3.692	5.173	0
15	2003	164	415	3.814	318.8	20.28	23.15	24.69	2.864	4.408	0
15	2003	164	430	3.691	324.6	21.56	22.89	24.48	1.328	2.911	0
15	2003	164	445	2.361	115.1	21.29	22.09	23.57	0.797	2.28	0
15	2003	164	500	3.071	139.9	21.67	22.38	23.55	0.716	1.88	0
15	2003	164	515	2.825	128	20.94	21.68	24.11	0.74	3.17	0
15	2003	164	530	2.614	121.3	20.62	21.16	24.5	0.544	3.88	0
15	2003	164	545	0.939	130.8	20.59	21.73	24.79	1.139	4.201	0
15	2003	164	600	1.183	332.4	20.97	22.34	24.72	1.372	3.758	0
15	2003	164	615	1.726	318.7	21.39	21.79	23.9	0.399	2.51	0
15	2003	164	630	1.499	169.7	21.49	21.92	23.67	0.429	2.186	0
15	2003	164	645	1.11	158.8	21.98	22.46	23.71	0.485	1.732	0
15	2003	164	700	0.956	192.8	22.56	22.62	23.48	0.062	0.917	0
15	2003	164	715	1.123	165.4	22.54	22.94	23.13	0.393	0.582	0
15	2003	164	730	1.296	256	22.91	23.32	23.75	0.411	0.842	0
15	2003	164	745	1.67	284.8	23.29	23.44	23.3	0.151	0.007	0
15	2003	164	800	1.649	275.6	23.37	23.33	22.96	-0.039	-0.407	0
15	2003	164	815	3.73	294.8	22.85	22.71	22.27	-0.133	-0.576	0
15	2003	164	830	3.261	341.7	22.04	21.86	21.33	-0.183	-0.716	0
15	2003	164	845	2.405	328.4	22.21	22.03	21.41	-0.184	-0.797	0
15	2003	164	900	2.193	309.7	22.67	22.41	21.75	-0.262	-0.924	0
15	2003	164	915	3.344	307.7	23.68	23	22.23	-0.679	-1.451	0
15	2003	164	930	3.979	335.8	24.17	23.64	22.93	-0.527	-1.233	0
15	2003	164	945	3.618	328.8	25.65	25.06	24.27	-0.591	-1.381	0
15	2003	164	1000	3.976	333.5	26.86	26.08	25.23	-0.787	-1.634	0
15	2003	164	1015	3.421	307.5	27.89	27.19	26.29	-0.7	-1.605	0
15	2003	164	1030	4.097	329.8	28.65	27.99	27.25	-0.656	-1.397	0
15	2003	164	1045	4.093	334.7	29.6	28.78	27.74	-0.815	-1.862	0
15	2003	164	1100	4.445	329.8	30.39	29.47	28.48	-0.915	-1.905	0
15	2003	164	1115	4.949	346	30.57	29.72	28.64	-0.851	-1.929	0
15	2003	164	1130	4.267	338.3	31.05	30.25	29.35	-0.795	-1.7	0
15	2003	164	1145	3.866	344.3	31.5	30.57	29.66	-0.932	-1.846	0
15	2003	164	1200	3.672	315.4	31.85	31.09	30.31	-0.76	-1.539	0
15	2003	164	1215	2.817	313.6	32.09	31.49	30.57	-0.602	-1.517	0
15	2003	164	1230	3.457	294.8	32.86	32.19	31.15	-0.674	-1.71	0
15	2003	164	1245	3.7	311.8	32.77	31.99	31.18	-0.786	-1.595	0
15	2003	164	1300	4.95	316.4	33.23	32.26	31.25	-0.977	-1.989	0

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15	2003	164	1315	4.698	293	33.49	32.62	31.67	-0.875	-1.825	0
15	2003	164	1330	5.409	269.9	34.06	32.81	31.68	-1.254	-2.38	0
15	2003	164	1345	4.654	288.9	33.75	32.86	31.85	-0.891	-1.906	0
15	2003	164	1400	4.158	295.7	33.84	32.91	32.02	-0.935	-1.825	0
15	2003	164	1415	4.208	304.6	34.21	33.38	32.42	-0.824	-1.781	0
15	2003	164	1430	4.402	298.1	34.33	33.54	32.48	-0.795	-1.851	0
15	2003	164	1445	4.827	307.4	34.31	33.47	32.44	-0.835	-1.874	0
15	2003	164	1500	4.635	296.9	34.29	33.52	32.61	-0.777	-1.687	0
15	2003	164	1515	4.775	299.9	34.23	33.47	32.55	-0.761	-1.68	0
15	2003	164	1530	3.8	310.4	33.89	33.32	32.55	-0.565	-1.336	0
15	2003	164	1545	3.842	306.7	34.06	33.38	32.51	-0.684	-1.548	0
15	2003	164	1600	4.472	332.7	33.83	33.29	32.49	-0.537	-1.341	0
15	2003	164	1615	3.848	319.7	33.79	33.24	32.49	-0.552	-1.297	0
15	2003	164	1630	4.304	340.8	33.8	33.28	32.61	-0.518	-1.188	0
15	2003	164	1645	2.215	353.8	33.46	33.11	32.5	-0.352	-0.957	0
15	2003	164	1700	3.329	327.2	33.33	33.14	32.58	-0.191	-0.745	0
15	2003	164	1715	2.919	338.5	33.55	33.25	32.67	-0.296	-0.879	0
15	2003	164	1730	3.314	338.5	33.53	33.25	32.67	-0.28	-0.86	0
15	2003	164	1745	5.477	356	33.17	32.91	32.22	-0.255	-0.944	0
15	2003	164	1800	7.09	356.6	32.49	32.35	31.8	-0.146	-0.695	0
15	2003	164	1815	6.742	356.5	31.82	31.84	31.51	0.013	-0.319	0
15	2003	164	1830	6.765	359.6	31.63	31.67	31.36	0.039	-0.271	0
15	2003	164	1845	7	359.4	31.18	31.25	31.03	0.073	-0.148	0
15	2003	164	1900	11.75	1.084	27.75	27.68	27.2	-0.071	-0.548	0
15	2003	164	1915	10.23	9.66	26.3	26.27	25.93	-0.034	-0.378	0
15	2003	164	1930	9.4	37.78	25.84	25.82	25.51	-0.016	-0.324	0
15	2003	164	1945	8.84	40.08	25.49	25.5	25.24	0.011	-0.25	0
15	2003	164	2000	9.89	49.17	25.3	25.31	25.04	0.002	-0.261	0
15	2003	164	2015	9.73	67.45	25.12	25.13	24.89	0.011	-0.223	0
15	2003	164	2030	7.23	83	24.72	24.77	24.58	0.057	-0.14	0
15	2003	164	2045	8.44	79.7	23.67	23.72	23.36	0.046	-0.313	0
15	2003	164	2100	9.05	78.7	22.27	22.22	21.85	-0.041	-0.42	0
15	2003	164	2115	8.03	70.5	21.63	21.6	21.29	-0.031	-0.343	0
15	2003	164	2130	7.14	76.2	21.23	21.22	21.01	-0.01	-0.221	0
15	2003	164	2145	5.078	88.8	21.14	21.19	21.39	0.05	0.253	0
15	2003	164	2200	4.783	87.4	21.25	21.35	21.61	0.093	0.358	0
15	2003	164	2215	4.239	79.3	20.77	20.85	20.93	0.086	0.16	0
15	2003	164	2230	3.894	85.9	20.37	20.48	20.64	0.107	0.268	0

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15	2003	164	2245	2.137	72.4	19.86	20.07	19.97	0.208	0.105	0
15	2003	164	2300	2.072	77.4	19.35	19.69	19.69	0.342	0.345	0
15	2003	164	2315	1.541	43.93	18.64	19.09	19.23	0.447	0.589	0
15	2003	164	2330	3.054	52.74	18.06	18.18	18.3	0.128	0.244	0
15	2003	164	2345	3.748	53.99	17.86	17.83	17.57	-0.03	-0.293	0
15	2003	164	2400	3.649	49.72	17.5	17.45	17.18	-0.052	-0.313	0
24	2003	164	2400	1851	22.05	1419	17.29	0	34.42	1420	-1.693
15	2003	165	15	2.949	49.52	17.24	17.21	17.05	-0.027	-0.186	0
15	2003	165	30	2.818	29.4	17.03	17.07	17.07	0.032	0.033	0
15	2003	165	45	3.487	30.33	17.01	17.03	17.19	0.023	0.185	0
15	2003	165	100	4.093	39.32	17	17	17.03	0	0.023	0
15	2003	165	115	4.621	47.95	17.06	17.02	16.81	-0.047	-0.253	0
15	2003	165	130	3.859	49.9	16.94	16.89	16.65	-0.047	-0.288	0
15	2003	165	145	3.453	47.52	16.75	16.71	16.5	-0.04	-0.25	0
15	2003	165	200	2.539	40.06	16.55	16.58	16.48	0.025	-0.078	0
15	2003	165	215	2.619	32.6	16.41	16.46	16.51	0.055	0.101	0
15	2003	165	230	2.729	47.1	16.67	16.56	16.66	-0.107	-0.014	0
15	2003	165	245	2.978	58.09	17.07	16.95	16.99	-0.125	-0.085	0
15	2003	165	300	2.458	53.86	17	16.92	17.32	-0.081	0.313	0
15	2003	165	315	2.655	56.4	16.93	16.86	17.85	-0.069	0.92	0
15	2003	165	330	2.522	59.63	16.86	16.87	18.3	0.011	1.438	0
15	2003	165	345	2.712	65.67	16.72	16.85	18.97	0.127	2.242	0
15	2003	165	400	2.75	65.29	16.78	16.94	19.21	0.158	2.432	0
15	2003	165	415	2.715	72.6	16.77	16.98	19.24	0.208	2.472	0
15	2003	165	430	2.914	72.9	16.6	16.86	19.3	0.262	2.701	0
15	2003	165	445	2.95	78	16.74	17.06	19.33	0.32	2.589	0
15	2003	165	500	2.25	68.33	16.42	16.82	19.35	0.405	2.933	0
15	2003	165	515	1.125	79.9	16.28	16.68	19.39	0.404	3.115	0
15	2003	165	530	0.808	73.7	16.56	16.97	19.4	0.408	2.837	0
15	2003	165	545	0.911	57.86	17.5	17.61	19.53	0.103	2.023	0
15	2003	165	600	1.096	92.2	18.98	18.84	19.49	-0.142	0.509	0
15	2003	165	615	0.882	138.5	19.94	19.77	19.44	-0.169	-0.501	0
15	2003	165	630	2.359	296.1	19.1	18.8	18.29	-0.308	-0.815	0
15	2003	165	645	2.242	303.1	19.17	18.85	18.2	-0.319	-0.969	0
15	2003	165	700	2.023	311.6	19.4	19.13	18.57	-0.262	-0.829	0
15	2003	165	715	1.985	328.7	19.87	19.46	18.97	-0.408	-0.899	0
15	2003	165	730	1.767	315.5	20.46	20.09	19.67	-0.37	-0.796	0
15	2003	165	745	1.583	292.2	21.2	20.87	20.26	-0.33	-0.935	0

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15	2003	165	800	1.74	297.7	21.64	21.24	20.62	-0.398	-1.02	0
15	2003	165	815	1.646	285.9	21.97	21.59	20.94	-0.373	-1.023	0
15	2003	165	830	1.945	335.8	22.14	21.63	21	-0.506	-1.137	0
15	2003	165	845	1.8	323.8	22.67	22.22	21.5	-0.455	-1.172	0
15	2003	165	900	1.807	311.1	23.1	22.49	21.84	-0.611	-1.254	0
15	2003	165	915	1.981	358.5	23.39	22.7	22.03	-0.685	-1.361	0
15	2003	165	930	1.848	356	23.82	23.29	22.61	-0.533	-1.209	0
15	2003	165	945	1.879	17.54	24.27	23.71	23.02	-0.56	-1.249	0
15	2003	165	1000	1.556	32.47	24.8	24.26	23.61	-0.532	-1.185	0
15	2003	165	1015	2.015	14.35	25.42	24.7	24.01	-0.718	-1.412	0
15	2003	165	1030	2.538	53.17	25.83	25.1	24.43	-0.734	-1.406	0
15	2003	165	1045	2.34	7.66	26.63	25.95	25.06	-0.679	-1.572	0
15	2003	165	1100	2.894	95.8	27.37	26.51	25.58	-0.859	-1.799	0
15	2003	165	1115	2.768	102.8	27.82	26.9	26.15	-0.916	-1.67	0
15	2003	165	1130	2.57	155	28.6	27.74	26.8	-0.855	-1.798	0
15	2003	165	1145	3.403	133	29.21	28.12	27.22	-1.089	-1.994	0
15	2003	165	1200	4.236	111.7	29.14	27.99	27.07	-1.147	-2.072	0
15	2003	165	1215	2.878	102.3	29.23	28.34	27.4	-0.894	-1.833	0
15	2003	165	1230	3.783	111.1	29.61	28.55	27.57	-1.064	-2.042	0
15	2003	165	1245	3.695	147.7	30.08	29.18	28.17	-0.906	-1.918	0
15	2003	165	1300	3.602	107.4	30.41	29.39	28.37	-1.022	-2.041	0
15	2003	165	1315	4.061	160.5	30.21	29.14	28.19	-1.067	-2.023	0
15	2003	165	1330	4.112	166.3	30.57	29.36	28.47	-1.208	-2.094	0
15	2003	165	1345	3.916	164.7	30.7	29.58	28.59	-1.115	-2.11	0
15	2003	165	1400	3.239	154.1	30.69	29.73	28.81	-0.954	-1.875	0
15	2003	165	1415	3.48	123.6	30.73	29.98	28.96	-0.747	-1.77	0
15	2003	165	1430	2.83	209.6	30.73	30.06	29.16	-0.671	-1.571	0
15	2003	165	1445	3.96	179.9	31.23	30.41	29.35	-0.815	-1.875	0
15	2003	165	1500	3.495	174.2	31.49	30.59	29.74	-0.897	-1.753	0
15	2003	165	1515	3.024	158.2	31.11	30.36	29.59	-0.749	-1.51	0
15	2003	165	1530	1.863	117.5	31.05	30.46	29.75	-0.592	-1.299	0
15	2003	165	1545	2.724	148.6	31.9	31.25	30.28	-0.648	-1.619	0
15	2003	165	1600	3.366	160.5	32.04	31.28	30.38	-0.755	-1.66	0
15	2003	165	1615	4.096	157.7	31.88	31.03	30.14	-0.851	-1.744	0
15	2003	165	1630	4.108	141.7	31.83	31.06	30.2	-0.775	-1.637	0
15	2003	165	1645	3.51	123.8	31.61	30.92	30.14	-0.687	-1.469	0
15	2003	165	1700	2.98	134.6	31.5	30.86	30.1	-0.641	-1.403	0
15	2003	165	1715	3.759	121.9	31.74	31.1	30.24	-0.634	-1.498	0

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15	2003	165	1730	4.421	121.9	31.19	30.76	30.04	-0.436	-1.158	0
15	2003	165	1745	4.823	113.9	31.06	30.64	30	-0.427	-1.066	0
15	2003	165	1800	10.96	91.5	28.86	28.53	27.73	-0.333	-1.133	0
15	2003	165	1815	11.58	100.7	27.33	27.07	26.58	-0.26	-0.753	0
15	2003	165	1830	9.28	90.2	24.16	24.78	24.86	0.62	0.702	1.27
15	2003	165	1845	7.44	105.7	22.65	23.66	25.57	1.018	2.925	0.254
15	2003	165	1900	2.058	0.243	23.31	24.52	25.22	1.214	1.911	0
15	2003	165	1915	1.678	271.6	24.15	25.68	26.63	1.534	2.483	0
15	2003	165	1930	1.886	324.6	22.96	23.83	26.25	0.867	3.292	0
15	2003	165	1945	5.066	349.5	22.56	23.03	25.35	0.469	2.796	0
15	2003	165	2000	5.815	34.99	23.88	24.33	25.6	0.448	1.715	0
15	2003	165	2015	7.15	68.57	24.73	25.18	26.69	0.443	1.96	0
15	2003	165	2030	5.298	73.4	24.46	25.07	26.95	0.617	2.493	0
15	2003	165	2045	3.763	65.91	23.45	24.44	27.52	0.988	4.064	0
15	2003	165	2100	4.284	71.2	23.76	25.46	28.06	1.7	4.298	0
15	2003	165	2115	3.852	69.18	24.61	26.17	28.36	1.554	3.746	0
15	2003	165	2130	3.93	85.5	23.89	25.36	27.53	1.47	3.641	0
15	2003	165	2145	2.631	97	22.04	23.05	25.96	1.009	3.92	0
15	2003	165	2200	4.308	75.1	22.1	22.81	27.01	0.703	4.906	0
15	2003	165	2215	5.738	79.8	22.3	22.77	24.65	0.47	2.351	0
15	2003	165	2230	5.497	77.4	22.38	22.78	24.08	0.4	1.691	0
15	2003	165	2245	5.869	52.82	22.22	22.56	23.2	0.341	0.984	0
15	2003	165	2300	10.81	43.46	22.46	22.61	22.58	0.15	0.122	0
15	2003	165	2315	12.43	41.57	21.27	21.35	21.22	0.086	-0.049	0
15	2003	165	2330	13.59	35.04	21.56	21.68	21.63	0.119	0.068	0
15	2003	165	2345	13.11	42.2	21.99	22.12	22.13	0.127	0.136	0
15	2003	165	2400	12.01	51.9	22.53	22.67	22.64	0.142	0.107	0
24	2003	165	2400	2324	25.74	1536	16.37	211	32.26	1536	-1.889
15	2003	166	15	12.17	51.49	22.88	23.03	23	0.147	0.12	0
15	2003	166	30	16.05	26.15	24.7	24.89	24.95	0.198	0.25	0
15	2003	166	45	15.19	36.19	25.14	25.33	25.55	0.196	0.417	0
15	2003	166	100	13.99	42.97	24.79	25.01	25.79	0.224	1.004	0
15	2003	166	115	8.43	50.28	25.24	25.52	26.54	0.278	1.302	0
15	2003	166	130	5.399	41.06	24.43	24.71	25.6	0.276	1.161	0
15	2003	166	145	4.929	3.12	24.61	25.06	26.21	0.442	1.593	0
15	2003	166	200	3.538	21.24	24.43	25.16	26.36	0.729	1.925	0
15	2003	166	215	4.407	55.75	23.23	23.65	26.18	0.411	2.946	0
15	2003	166	230	5.62	52.35	22.6	22.98	25	0.379	2.392	0

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15	2003	166	245	5.886	64.7	21.61	21.74	21.76	0.133	0.154	0
15	2003	166	300	3.097	325.2	20.7	20.81	20.62	0.11	-0.075	0
15	2003	166	315	3.138	43.06	20	20.11	19.83	0.109	-0.167	0
15	2003	166	330	1.606	35.13	19.42	19.46	19.13	0.04	-0.291	0
15	2003	166	345	0.945	9.45	19.06	19.17	18.87	0.113	-0.188	0
15	2003	166	400	2.197	31.93	18.27	18.92	18.7	0.651	0.431	0
15	2003	166	415	2.157	35.05	17.54	17.91	18.4	0.37	0.863	0
15	2003	166	430	1.658	35.32	16.81	17.37	18.22	0.555	1.401	0
15	2003	166	445	1.655	18.52	16.38	17.37	18.08	0.991	1.697	0
15	2003	166	500	1.007	36.56	15.95	17.24	17.93	1.292	1.983	0
15	2003	166	515	1.202	19.76	15.89	17.06	17.81	1.173	1.922	0
15	2003	166	530	1.29	22.02	16.66	17.03	17.69	0.37	1.025	0
15	2003	166	545	1.484	44.34	17.44	17.34	17.65	-0.106	0.209	0
15	2003	166	600	1.831	69.39	18.07	17.89	17.63	-0.182	-0.44	0
15	2003	166	615	2.298	81.5	18.59	18.35	17.82	-0.243	-0.771	0
15	2003	166	630	3.495	86.9	19.03	18.72	18.15	-0.307	-0.875	0
15	2003	166	645	4.408	90.1	19.64	19.26	18.58	-0.378	-1.062	0
15	2003	166	700	4.78	93.9	20.13	19.71	18.97	-0.423	-1.158	0
15	2003	166	715	5.181	76.9	20.41	19.98	19.15	-0.43	-1.266	0
15	2003	166	730	5.256	85.3	20.8	20.25	19.48	-0.548	-1.319	0
15	2003	166	745	4.948	93.5	21.62	21.02	20.18	-0.595	-1.432	0
15	2003	166	800	5.358	97.1	22.13	21.44	20.44	-0.685	-1.687	0
15	2003	166	815	5.242	95.6	22.57	21.84	20.79	-0.732	-1.783	0
15	2003	166	830	5.121	102.2	23.06	22.34	21.35	-0.714	-1.703	0
15	2003	166	845	5.589	102.1	23.31	22.38	21.6	-0.927	-1.715	0
15	2003	166	900	5.86	109.5	23.88	22.94	22.01	-0.937	-1.869	0
15	2003	166	915	5.489	98.4	24.13	23.22	22.29	-0.903	-1.837	0
15	2003	166	930	5.062	98.1	24.5	23.6	22.58	-0.904	-1.929	0
15	2003	166	945	4.447	103.6	25.07	24.11	23.16	-0.957	-1.91	0
15	2003	166	1000	3.07	109	24.98	24.29	23.42	-0.696	-1.559	0
15	2003	166	1015	2.527	104.9	25.36	24.69	23.95	-0.663	-1.401	0
15	2003	166	1030	2.372	155.2	25.49	24.81	23.99	-0.682	-1.507	0
15	2003	166	1045	2.735	104.3	25.88	25.12	24.38	-0.757	-1.498	0
15	2003	166	1100	2.881	113.7	26.54	25.57	24.83	-0.972	-1.716	0
15	2003	166	1115	3.169	116.3	26.82	26.05	25.16	-0.767	-1.665	0
15	2003	166	1130	2.977	124.2	27.2	26.32	25.26	-0.885	-1.947	0
15	2003	166	1145	2.692	138.3	27.26	26.41	25.58	-0.849	-1.68	0
15	2003	166	1200	2.896	80.4	27.79	27.08	26.12	-0.708	-1.664	0

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15	2003	166	1215	2.153	70.8	27.68	26.9	26.32	-0.786	-1.357	0
15	2003	166	1230	3.119	112.4	28.67	27.83	26.96	-0.839	-1.715	0
15	2003	166	1245	2.769	122.8	28.63	27.78	26.9	-0.847	-1.726	0
15	2003	166	1300	2.267	159.2	29.39	28.49	27.42	-0.9	-1.973	0
15	2003	166	1315	3.077	28.88	28.88	27.94	27.2	-0.937	-1.685	0
15	2003	166	1330	2.291	73	29.2	28.42	27.48	-0.785	-1.725	0
15	2003	166	1345	1.884	103.4	29.63	28.98	28.24	-0.65	-1.386	0
15	2003	166	1400	2.791	53.78	29.82	29.04	28.12	-0.78	-1.692	0
15	2003	166	1415	2.548	81.6	29.79	29.21	28.24	-0.581	-1.553	0
15	2003	166	1430	2.368	31.92	30.04	29.42	28.44	-0.618	-1.597	0
15	2003	166	1445	2.419	74.5	30.06	29.41	28.61	-0.65	-1.451	0
15	2003	166	1500	3.307	51.71	30.93	30.21	29.35	-0.719	-1.581	0
15	2003	166	1515	2.136	356.2	30.21	29.62	28.93	-0.592	-1.284	0
15	2003	166	1530	2.764	50.22	30.81	30.13	29.5	-0.673	-1.303	0
15	2003	166	1545	2.952	47.81	30.78	30.08	29.29	-0.699	-1.49	0
15	2003	166	1600	2.863	18.46	31.01	30.43	29.64	-0.58	-1.372	0
15	2003	166	1615	3.184	35.52	30.89	30.25	29.4	-0.635	-1.487	0
15	2003	166	1630	2.551	35.04	30.64	30.14	29.42	-0.498	-1.218	0
15	2003	166	1645	2.019	358	30.34	30.01	29.35	-0.33	-0.988	0
15	2003	166	1700	3.229	44.07	30.76	30.2	29.41	-0.559	-1.346	0
15	2003	166	1715	2.93	86.8	30.9	30.41	29.69	-0.491	-1.213	0
15	2003	166	1730	3.408	43.47	30.7	30.26	29.55	-0.436	-1.148	0
15	2003	166	1745	2.945	71.1	30.42	30.06	29.42	-0.357	-0.997	0
15	2003	166	1800	3.165	69.72	30.24	29.98	29.43	-0.262	-0.812	0
15	2003	166	1815	4.496	71	29.99	29.76	29.22	-0.23	-0.771	0
15	2003	166	1830	4.42	79	29.57	29.45	28.98	-0.119	-0.598	0
15	2003	166	1845	4.214	87.5	28.89	28.94	28.71	0.055	-0.182	0
15	2003	166	1900	3.678	88.7	28.3	28.45	28.41	0.158	0.115	0
15	2003	166	1915	3.491	89.7	27.63	27.85	27.96	0.217	0.332	0
15	2003	166	1930	3.725	92.4	27.07	27.36	27.63	0.297	0.559	0
15	2003	166	1945	3.74	97.3	26.64	26.93	27.18	0.288	0.542	0
15	2003	166	2000	4.321	102.8	26.27	26.52	26.61	0.252	0.346	0
15	2003	166	2015	4.558	105.6	25.85	26.05	26.13	0.197	0.277	0
15	2003	166	2030	5.521	111.1	25.54	25.69	25.56	0.142	0.016	0
15	2003	166	2045	5.573	109.7	25.2	25.31	25.16	0.115	-0.039	0
15	2003	166	2100	5.548	113.5	24.93	25.04	24.92	0.113	-0.016	0
15	2003	166	2115	5.251	113.1	24.69	24.82	24.73	0.136	0.04	0
15	2003	166	2130	5.33	110.3	24.41	24.54	24.49	0.135	0.079	0

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15	2003	166	2145	5.442	117.2	24.17	24.29	24.22	0.123	0.049	0
15	2003	166	2200	5.207	121.4	23.84	23.97	23.89	0.13	0.058	0
15	2003	166	2215	5.222	116.4	23.6	23.74	23.66	0.132	0.058	0
15	2003	166	2230	5.414	119.6	23.4	23.51	23.43	0.116	0.031	0
15	2003	166	2245	5.354	121	23.17	23.28	23.18	0.112	0.012	0
15	2003	166	2300	5.154	123.9	23	23.1	22.98	0.099	-0.028	0
15	2003	166	2315	4.878	132.2	22.77	22.88	22.77	0.112	-0.002	0
15	2003	166	2330	4.955	133.3	22.52	22.63	22.53	0.115	0.011	0
15	2003	166	2345	4.845	136.1	22.37	22.48	22.36	0.111	-0.013	0
15	2003	166	2400	4.674	141.8	22.12	22.27	22.17	0.144	0.046	0
24	2003	166	2400	23	32.21	1545	16.64	501	31.36	1545	-1.742
15	2003	167	15	4.599	138	21.9	22.04	21.96	0.138	0.066	0
15	2003	167	30	4.227	135.4	21.64	21.78	21.74	0.139	0.103	0
15	2003	167	45	3.628	142	21.32	21.5	21.5	0.175	0.172	0
15	2003	167	100	3.195	144.7	20.99	21.18	21.26	0.188	0.265	0
15	2003	167	115	2.784	145.2	20.68	20.9	21.04	0.22	0.361	0
15	2003	167	130	1.665	141.1	20.31	20.61	20.81	0.304	0.506	0
15	2003	167	145	0.564	16.6	19.95	20.52	20.53	0.57	0.586	0
15	2003	167	200	1.088	61.16	18.87	20.57	20.6	1.702	1.727	0
15	2003	167	215	1.59	120.7	18.58	20.42	20.66	1.846	2.08	0
15	2003	167	230	1.174	124.4	18.01	20.28	20.6	2.262	2.581	0
15	2003	167	245	1.769	127.6	18.14	20.24	20.62	2.107	2.481	0
15	2003	167	300	1.994	136.4	18.61	19.93	20.5	1.316	1.889	0
15	2003	167	315	2.35	136.8	18.29	19.66	20.46	1.371	2.17	0
15	2003	167	330	2.309	143.4	18.32	19.3	20.28	0.984	1.965	0
15	2003	167	345	2.258	134.4	17.9	19.04	20.08	1.147	2.186	0
15	2003	167	400	2.66	123.9	17.93	19.04	20.07	1.104	2.133	0
15	2003	167	415	3.068	112.6	18.01	18.83	20.1	0.813	2.085	0
15	2003	167	430	2.704	111.6	17.77	18.6	20.05	0.826	2.273	0
15	2003	167	445	2.454	109	17.75	18.65	19.96	0.899	2.205	0
15	2003	167	500	1.974	96	17.63	18.83	19.82	1.208	2.197	0
15	2003	167	515	1.993	79.5	17.26	18.9	19.79	1.64	2.523	0
15	2003	167	530	2.363	75.2	17.21	18.21	19.72	0.997	2.506	0
15	2003	167	545	2.516	69.19	17.94	18.18	19.83	0.246	1.894	0
15	2003	167	600	2.512	71.4	18.82	18.72	19.95	-0.103	1.123	0
15	2003	167	615	2.012	96.5	19.84	19.75	20.12	-0.097	0.272	0
15	2003	167	630	2.479	121.1	20.51	20.41	20.08	-0.097	-0.431	0
15	2003	167	645	3.37	132.9	20.76	20.61	20.16	-0.148	-0.599	0

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15	2003	167	700	3.371	142.4	20.92	20.74	20.25	-0.184	-0.671	0
15	2003	167	715	2.884	166.3	21.44	21.12	20.56	-0.318	-0.879	0
15	2003	167	730	3.787	178	22.16	21.63	20.97	-0.528	-1.194	0
15	2003	167	745	3.244	180.8	22.88	22.26	21.48	-0.627	-1.4	0
15	2003	167	800	4.364	188.9	23.51	22.73	21.84	-0.784	-1.667	0
15	2003	167	815	3.821	176.9	23.71	22.87	22.05	-0.845	-1.669	0
15	2003	167	830	3.761	176	24.03	23.15	22.33	-0.872	-1.695	0
15	2003	167	845	3.854	158.8	24.63	23.65	22.75	-0.972	-1.876	0
15	2003	167	900	4.012	163.6	24.97	23.97	23	-1.005	-1.976	0
15	2003	167	915	3.645	166.7	25.28	24.28	23.35	-0.998	-1.925	0
15	2003	167	930	3.613	160.3	25.45	24.56	23.63	-0.892	-1.815	0
15	2003	167	945	3.538	146.6	25.64	24.64	23.73	-0.996	-1.914	0
15	2003	167	1000	3.173	145.5	26.04	25.13	24.1	-0.907	-1.935	0
15	2003	167	1015	2.716	182.9	26.4	25.46	24.56	-0.945	-1.845	0
15	2003	167	1030	3.807	192.8	27.34	26.23	25.19	-1.11	-2.157	0
15	2003	167	1045	3.014	198.1	26.34	25.6	24.97	-0.74	-1.363	0
15	2003	167	1100	1.63	132.1	26.48	25.94	25.23	-0.534	-1.247	0
15	2003	167	1115	2.75	121.9	27.39	26.49	25.63	-0.895	-1.758	0
15	2003	167	1130	2.277	125.3	27.84	26.88	26.09	-0.96	-1.756	0
15	2003	167	1145	2.179	194	27.76	27.07	26.38	-0.688	-1.379	0
15	2003	167	1200	3.358	133.5	28.61	27.73	26.76	-0.878	-1.848	0
15	2003	167	1215	3.561	165.9	28.8	27.67	26.83	-1.129	-1.972	0
15	2003	167	1230	3.278	124.1	28.69	27.82	26.92	-0.869	-1.773	0
15	2003	167	1245	2.369	128.8	29.04	28.32	27.44	-0.719	-1.594	0
15	2003	167	1300	3.481	98.7	29.79	28.8	27.9	-0.985	-1.892	0
15	2003	167	1315	3.388	144.5	29.66	28.73	27.88	-0.924	-1.774	0
15	2003	167	1330	3.838	138.8	30.3	29.37	28.43	-0.938	-1.876	0
15	2003	167	1345	3.88	155.2	30.37	29.32	28.33	-1.054	-2.041	0
15	2003	167	1400	3.108	94.7	30.1	29.45	28.56	-0.645	-1.535	0
15	2003	167	1415	4.302	124	30.29	29.46	28.64	-0.826	-1.646	0
15	2003	167	1430	3.066	112.4	30.12	29.55	28.75	-0.573	-1.374	0
15	2003	167	1445	4.32	137.9	30.94	30.03	28.97	-0.909	-1.968	0
15	2003	167	1500	3.29	122.3	30	29.34	28.5	-0.66	-1.492	0
15	2003	167	1515	3.478	93	30.23	29.65	28.83	-0.579	-1.403	0
15	2003	167	1530	3.986	119.5	30.71	29.99	29.03	-0.711	-1.672	0
15	2003	167	1545	3.59	103.1	30.56	29.89	29.08	-0.675	-1.484	0
15	2003	167	1600	3.933	89.4	30.32	29.81	28.97	-0.508	-1.351	0
15	2003	167	1615	2.781	120.7	30.51	29.98	29.32	-0.527	-1.192	0

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15	2003	167	1630	5.381	133.4	30.76	30.02	29.16	-0.737	-1.601	0
15	2003	167	1645	3.832	132.4	30.38	29.79	29	-0.59	-1.372	0
15	2003	167	1700	4.936	115.7	30.48	29.94	29.2	-0.544	-1.277	0
15	2003	167	1715	5.102	127.2	29.8	29.38	28.77	-0.416	-1.033	0
15	2003	167	1730	4	120.2	29.7	29.41	28.82	-0.287	-0.88	0
15	2003	167	1745	4.334	119.6	29.4	29.17	28.62	-0.23	-0.784	0
15	2003	167	1800	5.106	110.2	29.07	28.95	28.45	-0.127	-0.619	0
15	2003	167	1815	4.329	112.4	28.73	28.71	28.31	-0.022	-0.424	0
15	2003	167	1830	4.248	111.2	28.51	28.53	28.18	0.02	-0.326	0
15	2003	167	1845	3.48	116.2	28.18	28.28	28.02	0.098	-0.159	0
15	2003	167	1900	3.348	113.4	27.69	27.89	27.76	0.207	0.072	0
15	2003	167	1915	3.295	113.4	27.13	27.46	27.55	0.324	0.42	0
15	2003	167	1930	3.104	105.3	26.69	27.04	27.28	0.353	0.594	0
15	2003	167	1945	3.197	102.4	26.18	26.58	27.05	0.396	0.869	0
15	2003	167	2000	3.088	112.3	25.78	26.18	26.71	0.401	0.927	0
15	2003	167	2015	3.036	112.8	25.09	25.67	26.52	0.587	1.438	0
15	2003	167	2030	3.435	100.1	24.86	25.36	26.54	0.498	1.677	0
15	2003	167	2045	3.422	101.4	24.95	25.36	26.48	0.409	1.527	0
15	2003	167	2100	3.939	99.9	24.98	25.33	26.43	0.348	1.441	0
15	2003	167	2115	3.681	103.2	24.84	25.18	26.03	0.333	1.187	0
15	2003	167	2130	3.425	103	24.56	24.88	25.67	0.324	1.116	0
15	2003	167	2145	4.72	96.9	24.43	24.6	24.91	0.171	0.483	0
15	2003	167	2200	5.115	101.7	24.31	24.4	24.43	0.086	0.12	0
15	2003	167	2215	4.915	102.9	23.9	24.03	24.05	0.125	0.151	0
15	2003	167	2230	4.53	111.1	23.53	23.69	23.83	0.17	0.306	0
15	2003	167	2245	4.022	116.9	23.12	23.32	23.52	0.198	0.401	0
15	2003	167	2300	3.942	113.7	22.94	23.11	23.42	0.17	0.476	0
15	2003	167	2315	4.239	112.3	23.07	23.14	23.42	0.075	0.352	0
15	2003	167	2330	3.783	118.9	23.13	23.21	23.33	0.081	0.198	0
15	2003	167	2345	2.877	123	23.32	23.37	23.36	0.048	0.042	0
15	2003	167	2400	1.827	118	23.42	23.44	23.29	0.02	-0.133	0
24	2003	167	2400	1701	10.7	1438	17.84	527	30.92	1523	-1.791
15	2003	168	15	2.093	309.6	23.39	23.46	23.29	0.068	-0.107	0
15	2003	168	30	1.181	297.6	23.8	23.81	23.43	0.006	-0.368	0
15	2003	168	45	2.601	333.1	23.61	23.74	23.58	0.135	-0.027	0
15	2003	168	100	1.151	23.81	23.17	23.63	23.7	0.464	0.527	0
15	2003	168	115	0.578	158.6	23.12	23.53	23.39	0.415	0.273	0
15	2003	168	130	0.695	95.6	22.83	23.66	23.53	0.829	0.706	0

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15	2003	168	145	0.869	103.3	22.57	23.5	23.51	0.928	0.943	0
15	2003	168	200	2.284	108.6	22.02	23.16	23.39	1.141	1.374	0
15	2003	168	215	2.897	115.9	22.15	22.94	23.36	0.79	1.21	0
15	2003	168	230	3.033	119.6	21.74	22.48	23.23	0.745	1.498	0
15	2003	168	245	3.046	103.9	21.06	21.86	23.11	0.807	2.057	0
15	2003	168	300	2.898	106.7	20.84	21.64	22.96	0.805	2.127	0
15	2003	168	315	2.775	111.1	20.55	21.36	22.79	0.809	2.238	0
15	2003	168	330	2.487	116.4	20.24	20.93	22.56	0.685	2.312	0
15	2003	168	345	3.018	215.8	19.92	20.35	20.69	0.431	0.776	0
15	2003	168	400	1.916	217.8	19.24	19.34	19.82	0.097	0.585	0
15	2003	168	415	0.959	193.2	18.56	18.8	19.26	0.235	0.699	0
15	2003	168	430	0.714	197.7	18.24	18.69	19.11	0.447	0.871	0
15	2003	168	445	0.803	117.9	17.78	18.84	19.93	1.057	2.144	0
15	2003	168	500	1.773	89.6	18.01	19.42	19.99	1.41	1.976	0
15	2003	168	515	3.021	94.9	19.06	19.47	19.8	0.41	0.745	0
15	2003	168	530	3.443	89	19.49	19.47	19.6	-0.014	0.112	0
15	2003	168	545	4.138	86.3	20.18	20.15	20.05	-0.034	-0.132	0
15	2003	168	600	3.795	86.4	20.48	20.38	20.09	-0.097	-0.388	0
15	2003	168	615	3.81	88	20.79	20.66	20.29	-0.125	-0.493	0
15	2003	168	630	3.768	83.1	20.93	20.79	20.37	-0.142	-0.561	0
15	2003	168	645	3.889	87	21.17	20.96	20.42	-0.209	-0.753	0
15	2003	168	700	4.107	98.6	21.62	21.33	20.77	-0.288	-0.854	0
15	2003	168	715	4.107	103	21.9	21.63	21.04	-0.268	-0.853	0
15	2003	168	730	3.69	102.3	21.99	21.74	21.14	-0.251	-0.851	0
15	2003	168	745	4.334	108.7	22.27	21.93	21.36	-0.34	-0.912	0
15	2003	168	800	3.914	111.8	22.51	22.17	21.54	-0.346	-0.972	0
15	2003	168	815	4.348	106.6	22.62	22.23	21.63	-0.382	-0.988	0
15	2003	168	830	3.87	107.5	22.78	22.41	21.78	-0.37	-1.001	0
15	2003	168	845	3.58	120.6	23.27	22.77	22.11	-0.503	-1.165	0
15	2003	168	900	3.334	122.5	23.76	23.22	22.54	-0.54	-1.222	0
15	2003	168	915	2.905	116.1	24.21	23.69	22.94	-0.522	-1.274	0
15	2003	168	930	3.407	113	24.9	24.17	23.33	-0.724	-1.567	0
15	2003	168	945	3.925	115.6	24.71	23.97	23.23	-0.738	-1.479	0
15	2003	168	1000	3.391	122.5	25.5	24.7	23.83	-0.807	-1.677	0
15	2003	168	1015	2.661	134.5	26.12	25.38	24.58	-0.739	-1.543	0
15	2003	168	1030	2.948	93.7	26.27	25.46	24.61	-0.811	-1.663	0
15	2003	168	1045	2.624	114.9	26.28	25.69	24.87	-0.59	-1.414	0
15	2003	168	1100	2.473	86.1	26.35	25.76	25.1	-0.589	-1.25	0

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15	2003	168	1115	2.427	138.8	26.69	26.26	25.58	-0.432	-1.11	0
15	2003	168	1130	1.628	148.4	26.71	26.27	25.62	-0.435	-1.09	0
15	2003	168	1145	1.8	107.2	26.8	26.44	25.8	-0.354	-0.999	0
15	2003	168	1200	1.627	67.2	26.74	26.41	25.89	-0.328	-0.847	0
15	2003	168	1215	1.799	140.6	27.36	26.97	26.34	-0.388	-1.015	0
15	2003	168	1230	1.023	312	27.34	26.91	26.34	-0.427	-0.997	0
15	2003	168	1245	1.304	190.6	28.07	27.54	26.89	-0.531	-1.174	0
15	2003	168	1300	1.805	21.84	28.52	27.9	27.46	-0.617	-1.057	0
15	2003	168	1315	4.656	64.77	28.79	27.99	27.08	-0.8	-1.704	0
15	2003	168	1330	7.44	102.1	28.32	27.39	26.53	-0.929	-1.789	0
15	2003	168	1345	8.52	100.4	27.71	26.88	25.96	-0.826	-1.75	0
15	2003	168	1400	9.02	109.8	26.57	25.75	24.76	-0.825	-1.808	0
15	2003	168	1415	9.39	109.8	25.09	24.39	23.45	-0.709	-1.646	0
15	2003	168	1430	9.98	115	24.49	23.86	22.99	-0.625	-1.502	0
15	2003	168	1445	8.72	118.7	24.42	23.81	22.97	-0.611	-1.454	0
15	2003	168	1500	7.76	130	24.33	23.71	22.87	-0.625	-1.465	0
15	2003	168	1515	8.03	122.9	23.98	23.26	22.33	-0.713	-1.645	0
15	2003	168	1530	8.21	119.5	24	23.46	22.73	-0.542	-1.277	0
15	2003	168	1545	7.44	115.9	24.37	23.92	23.2	-0.443	-1.169	0
15	2003	168	1600	6.404	117.4	24.29	23.95	23.37	-0.345	-0.917	0
15	2003	168	1615	5.122	115.7	24.35	24.11	23.53	-0.242	-0.814	0
15	2003	168	1630	4.194	102.9	24.27	24.09	23.59	-0.184	-0.683	0
15	2003	168	1645	3.837	75.1	24.77	24.62	24.14	-0.154	-0.634	0
15	2003	168	1700	1.299	71.4	24.62	24.52	24.07	-0.099	-0.556	0
15	2003	168	1715	2.262	326.4	24.31	24.28	23.88	-0.03	-0.429	0
15	2003	168	1730	5.181	333.2	22.83	22.67	22.31	-0.157	-0.52	0
15	2003	168	1745	4.175	334.2	22.8	22.65	22.37	-0.153	-0.435	0
15	2003	168	1800	3.939	345.4	22.29	22.11	21.7	-0.181	-0.589	0
15	2003	168	1815	2.468	63.49	22.19	21.96	22.61	-0.23	0.421	0
15	2003	168	1830	1.707	108.8	22.88	22.71	22.87	-0.165	-0.007	0
15	2003	168	1845	2.652	119	22.94	22.94	23.61	0	0.666	0
15	2003	168	1900	2.811	118.9	22.86	22.94	23.79	0.083	0.938	0
15	2003	168	1915	1.642	122	22.73	22.81	23.27	0.077	0.536	0
15	2003	168	1930	0.386	287.4	22.49	22.77	22.63	0.28	0.145	0
15	2003	168	1945	1.646	322.1	21.38	22.06	22.48	0.674	1.098	0
15	2003	168	2000	1.571	313.8	20.8	21.46	22.33	0.661	1.532	0
15	2003	168	2015	2.691	284.2	20.29	20.47	21.35	0.181	1.053	0
15	2003	168	2030	3.148	273	20.47	20.57	21.01	0.098	0.543	0

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15	2003	168	2045	2.385	293.2	20.2	20.4	21.46	0.199	1.256	0
15	2003	168	2100	1.688	318.4	19.66	20.21	21.81	0.556	2.157	0
15	2003	168	2115	1.512	17.71	19.18	20.36	21.86	1.181	2.683	0
15	2003	168	2130	1.811	5.311	18.7	20.11	21.81	1.416	3.11	0
15	2003	168	2145	1.308	321	18.47	20.7	22.04	2.238	3.572	0
15	2003	168	2200	0.388	316.3	18.1	20.59	22.14	2.486	4.035	0
15	2003	168	2215	0.289	72.8	17.88	20.71	21.98	2.831	4.092	0
15	2003	168	2230	1.456	19.37	17.51	20.66	21.74	3.15	4.232	0
15	2003	168	2245	2.148	31.54	17.56	20.09	21.55	2.536	3.995	0
15	2003	168	2300	2.302	38.63	17.34	20.16	21.54	2.818	4.204	0
15	2003	168	2315	2.642	49.7	17.49	20.25	21.67	2.756	4.171	0
15	2003	168	2330	2.482	65.2	17.83	19.85	21.72	2.018	3.883	0
15	2003	168	2345	1.931	69.66	17.23	18.69	21.37	1.458	4.14	0
15	2003	168	2400	2.512	55.98	17.06	20.05	21.46	2.984	4.399	0
24	2003	168	2400	1429	15.14	1304	18.19	2337	28.78	1304	-1.423
15	2003	169	15	2.233	56.09	16.63	20.15	21.46	3.516	4.827	0
15	2003	169	30	2.782	59.7	17.52	20.2	21.43	2.679	3.916	0
15	2003	169	45	2.641	63.8	18	19.05	21.41	1.054	3.417	0
15	2003	169	100	2.597	60.92	18.22	19.05	21.44	0.826	3.212	0
15	2003	169	115	2.244	56.29	18.24	19	21.46	0.762	3.225	0
15	2003	169	130	1.732	73.8	18.34	19.21	21.53	0.862	3.186	0
15	2003	169	145	2.368	76.4	19.01	19.6	21.57	0.59	2.559	0
15	2003	169	200	2.039	96.4	19.21	19.99	21.72	0.781	2.507	0
15	2003	169	215	1.507	68.82	18.95	19.57	21.63	0.619	2.679	0
15	2003	169	230	1.572	47.81	18.7	19.22	21.55	0.521	2.851	0
15	2003	169	245	2.956	66.94	18.77	19.62	21.67	0.85	2.893	0
15	2003	169	300	2.495	61.04	18.39	19.05	21.55	0.653	3.16	0
15	2003	169	315	2.284	71.4	18.17	19.4	21.34	1.237	3.175	0
15	2003	169	330	2.848	64.68	18.1	19.85	21.14	1.751	3.049	0
15	2003	169	345	2.76	80.7	18.27	19.78	21.03	1.507	2.757	0
15	2003	169	400	1.527	107	18.13	18.86	21.09	0.723	2.956	0
15	2003	169	415	0.648	155.9	18.11	18.54	20.5	0.43	2.392	0
15	2003	169	430	1.691	153	17.53	18.34	20.4	0.818	2.872	0
15	2003	169	445	2.771	127.9	17.85	18.54	21.33	0.697	3.486	0
15	2003	169	500	3.477	119.7	18.06	18.68	21.22	0.616	3.159	0
15	2003	169	515	3.465	123	18.41	18.81	21.24	0.397	2.822	0
15	2003	169	530	3.406	121.2	18.67	18.95	21.27	0.281	2.599	0
15	2003	169	545	3.233	125.6	19.21	19.39	21.29	0.18	2.085	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	169	600	3.246	127.4	20.27	20.23	21.49	-0.035	1.226	0
15	2003	169	615	3.337	132.7	21.05	20.84	21.19	-0.204	0.14	0
15	2003	169	630	3.25	139.5	21.76	21.46	21.09	-0.3	-0.668	0
15	2003	169	645	3.122	148.2	22.58	22.18	21.56	-0.401	-1.023	0
15	2003	169	700	3.455	161.9	23.11	22.63	21.99	-0.483	-1.121	0
15	2003	169	715	3.725	168.2	23.78	23.17	22.47	-0.611	-1.314	0
15	2003	169	730	4.313	168.2	24.04	23.3	22.6	-0.741	-1.447	0
15	2003	169	745	4.459	163.6	24.44	23.7	22.87	-0.733	-1.568	0
15	2003	169	800	4.665	152.5	24.8	24.01	23.2	-0.787	-1.595	0
15	2003	169	815	4.952	156	25.15	24.29	23.35	-0.858	-1.802	0
15	2003	169	830	5.101	150.1	25.36	24.42	23.5	-0.945	-1.862	0
15	2003	169	845	5.097	173.5	25.92	24.85	23.84	-1.072	-2.078	0
15	2003	169	900	4.557	168.4	26.31	25.28	24.12	-1.029	-2.196	0
15	2003	169	915	4.207	156.4	26.39	25.33	24.43	-1.062	-1.961	0
15	2003	169	930	4.108	178.8	26.56	25.68	24.75	-0.878	-1.806	0
15	2003	169	945	4.309	164.2	27.17	26.08	25.11	-1.091	-2.064	0
15	2003	169	1000	4.359	172.6	27.24	26.23	25.15	-1.011	-2.094	0
15	2003	169	1015	4.284	155.9	27.92	26.71	25.65	-1.205	-2.271	0
15	2003	169	1030	4.124	142.9	28	27.01	25.96	-0.984	-2.031	0
15	2003	169	1045	4.125	170.3	28.68	27.48	26.35	-1.204	-2.332	0
15	2003	169	1100	3.544	184.7	28.59	27.7	26.59	-0.887	-1.994	0
15	2003	169	1115	4.361	204.4	29.17	27.97	26.79	-1.197	-2.381	0
15	2003	169	1130	4.368	194.1	29.46	28.2	27.12	-1.261	-2.342	0
15	2003	169	1145	5.391	204.3	29.85	28.63	27.45	-1.224	-2.401	0
15	2003	169	1200	4.089	204.3	29.88	28.74	27.61	-1.138	-2.265	0
15	2003	169	1215	4.876	179.6	30.69	29.49	28.33	-1.205	-2.364	0
15	2003	169	1230	4.609	150.2	30.14	29.01	27.9	-1.126	-2.24	0
15	2003	169	1245	3.915	155.2	29.49	28.53	27.66	-0.967	-1.833	0
15	2003	169	1300	4.118	178.9	29.58	28.68	27.87	-0.901	-1.708	0
15	2003	169	1315	3.742	164.3	29.69	28.88	28.07	-0.811	-1.615	0
15	2003	169	1330	4.674	175.1	29.45	28.7	27.89	-0.75	-1.56	0
15	2003	169	1345	4.476	152.4	29.3	28.65	27.83	-0.649	-1.471	0
15	2003	169	1400	4.799	139.6	29.18	28.56	27.79	-0.617	-1.385	0
15	2003	169	1415	4.972	153.8	29.12	28.55	27.85	-0.57	-1.274	0
15	2003	169	1430	5.382	164.9	29.45	28.84	28.03	-0.612	-1.419	0
15	2003	169	1445	4.676	175	29.53	28.83	28.1	-0.696	-1.429	0
15	2003	169	1500	4.468	163	29.54	28.93	28.08	-0.616	-1.468	0
15	2003	169	1515	4.243	188	29.69	29.07	28.33	-0.614	-1.353	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	169	1530	4.044	174.7	29.53	28.96	28.29	-0.57	-1.234	0
15	2003	169	1545	3.429	156	29.54	29.08	28.36	-0.46	-1.174	0
15	2003	169	1600	3.578	154.5	30.02	29.37	28.59	-0.654	-1.43	0
15	2003	169	1615	2.756	153.1	30.31	29.66	28.81	-0.654	-1.499	0
15	2003	169	1630	3.977	162.3	29.94	29.35	28.68	-0.593	-1.269	0
15	2003	169	1645	2.637	135.4	29.57	29.2	28.58	-0.361	-0.989	0
15	2003	169	1700	3.616	143.3	29.55	29.21	28.59	-0.337	-0.959	0
15	2003	169	1715	3.878	138.6	29.57	29.23	28.65	-0.342	-0.915	0
15	2003	169	1730	4.175	152.1	29.8	29.34	28.64	-0.463	-1.156	0
15	2003	169	1745	3.672	153.8	29.31	29.08	28.55	-0.235	-0.764	0
15	2003	169	1800	4.478	169.5	28.87	28.77	28.37	-0.096	-0.504	0
15	2003	169	1815	4.456	174.7	29.05	28.82	28.35	-0.23	-0.709	0
15	2003	169	1830	4.212	172.5	28.9	28.72	28.26	-0.181	-0.641	0
15	2003	169	1845	4.13	184.3	28.6	28.52	28.16	-0.075	-0.437	0
15	2003	169	1900	3.531	179	28.03	28.19	28	0.16	-0.027	0
15	2003	169	1915	2.233	182.4	27.06	27.69	27.8	0.631	0.733	0
15	2003	169	1930	2.153	174	26.07	27.27	27.74	1.193	1.669	0
15	2003	169	1945	2.319	149.3	25.01	26.89	27.68	1.882	2.67	0
15	2003	169	2000	2.598	124.6	24.21	26.48	27.55	2.272	3.347	0
15	2003	169	2015	3.216	113.3	23.89	26.25	27.24	2.36	3.354	0
15	2003	169	2030	3.771	108.5	23.93	25.53	27.19	1.598	3.253	0
15	2003	169	2045	3.163	114.7	24.33	25.57	27.45	1.242	3.124	0
15	2003	169	2100	2.942	108.6	23.95	25.48	27.09	1.528	3.136	0
15	2003	169	2115	3.225	110.9	23.75	25.32	26.87	1.565	3.12	0
15	2003	169	2130	3.25	110.4	23.21	24.84	26.59	1.632	3.378	0
15	2003	169	2145	3.493	112.9	23.15	24.25	26.49	1.1	3.344	0
15	2003	169	2200	3.7	110.2	23.15	23.83	25.72	0.683	2.576	0
15	2003	169	2215	3.676	112.2	23.03	23.57	24.96	0.533	1.932	0
15	2003	169	2230	3.891	109.7	22.81	23.29	24.54	0.474	1.732	0
15	2003	169	2245	3.968	106.9	22.77	23.2	24.09	0.436	1.32	0
15	2003	169	2300	3.027	84	22.21	22.51	23.47	0.303	1.262	0
15	2003	169	2315	3.906	338.8	22.36	22.53	23.01	0.171	0.649	0
15	2003	169	2330	3.856	257	24.33	24.45	24.33	0.114	-0.004	0
15	2003	169	2345	6.091	299.7	21.21	21.08	20.6	-0.133	-0.607	0
15	2003	169	2400	7.4	319.6	20.1	19.93	19.54	-0.164	-0.562	0
24	2003	169	2400	2349	15.69	1207	17.97	423	30.57	1206	-2.036
15	2003	170	15	5.413	336.3	20.22	20.1	19.74	-0.126	-0.486	0
15	2003	170	30	4.703	340	20.1	20.04	19.69	-0.064	-0.414	0

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15	2003	170	45	2.638	349.1	19.63	19.66	19.42	0.025	-0.214	0
15	2003	170	100	3.702	4.4	19.71	19.71	19.6	-0.003	-0.109	0
15	2003	170	115	3.941	26.46	19.83	19.81	19.64	-0.018	-0.189	0
15	2003	170	130	4.192	36.31	19.93	19.9	19.75	-0.027	-0.176	0
15	2003	170	145	4.766	43.55	20.28	20.26	20.24	-0.018	-0.032	0
15	2003	170	200	4.507	60.2	20.63	20.63	20.81	0.002	0.183	0
15	2003	170	215	4.989	63.93	21.04	21.05	21.05	0.004	0.013	0
15	2003	170	230	4.84	67.85	21.06	21.08	21.11	0.023	0.053	0
15	2003	170	245	4.628	71	21.05	21.09	21.16	0.044	0.115	0
15	2003	170	300	4.394	72.4	21.01	21.09	21.14	0.084	0.133	0
15	2003	170	315	4.067	72.3	20.78	20.92	21.03	0.133	0.251	0
15	2003	170	330	3.526	66.4	20.43	20.65	20.9	0.217	0.472	0
15	2003	170	345	3.135	56.93	19.96	20.28	20.64	0.321	0.682	0
15	2003	170	400	3.328	61.77	19.36	19.82	20.38	0.459	1.019	0
15	2003	170	415	3.242	69.72	19.05	19.37	20.12	0.321	1.067	0
15	2003	170	430	2.737	59.52	18.79	19.15	20.03	0.361	1.238	0
15	2003	170	445	1.975	351.5	18.14	18.75	19.46	0.608	1.317	0
15	2003	170	500	1.548	286	18.72	19.13	19.11	0.415	0.391	0
15	2003	170	515	1.525	292.2	18.61	19.03	19.23	0.416	0.615	0
15	2003	170	530	1.745	323.4	18.19	18.61	19.49	0.413	1.294	0
15	2003	170	545	1.407	312.9	18.66	18.58	19.14	-0.087	0.481	0
15	2003	170	600	1.283	334.1	18.96	18.81	18.77	-0.145	-0.189	0
15	2003	170	615	0.908	68.23	19.41	19.24	18.92	-0.173	-0.496	0
15	2003	170	630	1.866	91.9	20.17	19.89	19.4	-0.277	-0.769	0
15	2003	170	645	2.766	100.1	21.23	20.85	20.21	-0.385	-1.027	0
15	2003	170	700	3.187	107.8	21.83	21.31	20.68	-0.524	-1.146	0
15	2003	170	715	3.613	115.4	22.76	22.1	21.3	-0.656	-1.457	0
15	2003	170	730	3.263	114.1	23.39	22.87	22.12	-0.519	-1.27	0
15	2003	170	745	3.343	140.5	23.87	23.42	22.74	-0.452	-1.134	0
15	2003	170	800	3.108	154.4	24.47	23.96	23.3	-0.514	-1.17	0
15	2003	170	815	4.086	155.4	25.78	24.95	24.07	-0.825	-1.707	0
15	2003	170	830	4.011	160.5	26.52	25.57	24.59	-0.951	-1.928	0
15	2003	170	845	4.42	158.9	26.16	25.58	24.81	-0.58	-1.35	0
15	2003	170	900	5.489	183.2	26.56	26	25.2	-0.564	-1.362	0
15	2003	170	915	5.911	184.3	26.98	26.26	25.31	-0.714	-1.673	0
15	2003	170	930	5.307	191.3	26.89	26.23	25.42	-0.658	-1.468	0
15	2003	170	945	5.45	189.5	27.82	26.92	25.96	-0.9	-1.861	0
15	2003	170	1000	5.237	175.5	28.7	27.51	26.45	-1.198	-2.257	0

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15	2003	170	1015	6.109	187.3	29.19	27.89	26.83	-1.302	-2.359	0
15	2003	170	1030	4.334	253	28.72	27.64	26.63	-1.088	-2.099	0
15	2003	170	1045	4.615	236.1	28.73	27.69	26.7	-1.036	-2.023	0
15	2003	170	1100	4.743	225.2	29.13	28	26.99	-1.13	-2.137	0
15	2003	170	1115	4.488	185.7	30.05	28.77	27.61	-1.283	-2.439	0
15	2003	170	1130	5.123	195.3	30.04	28.9	27.85	-1.135	-2.193	0
15	2003	170	1145	6.004	183.7	30.26	29.19	28.13	-1.067	-2.131	0
15	2003	170	1200	5.148	180.9	30.68	29.53	28.38	-1.153	-2.3	0
15	2003	170	1215	5.188	178.2	31.26	29.95	28.71	-1.317	-2.549	0
15	2003	170	1230	5.109	173.1	31.38	30.26	29.08	-1.112	-2.296	0
15	2003	170	1245	6.214	174.7	31.69	30.19	29.09	-1.5	-2.599	0
15	2003	170	1300	6.161	191.1	31.88	30.48	29.35	-1.403	-2.536	0
15	2003	170	1315	5.06	182.4	31.97	30.8	29.68	-1.166	-2.282	0
15	2003	170	1330	4.119	167.4	32.09	30.86	29.75	-1.233	-2.343	0
15	2003	170	1345	5.103	194.2	32.16	30.99	29.86	-1.176	-2.303	0
15	2003	170	1400	4.764	187.5	32.23	31.11	30.2	-1.12	-2.033	0
15	2003	170	1415	4.719	194.2	32.74	31.58	30.55	-1.159	-2.189	0
15	2003	170	1430	4.762	209.9	32.41	31.46	30.52	-0.944	-1.884	0
15	2003	170	1445	4.138	163.7	32.56	31.54	30.59	-1.019	-1.971	0
15	2003	170	1500	4.903	179.4	32.85	31.65	30.68	-1.205	-2.177	0
15	2003	170	1515	3.138	188.9	32.35	31.62	30.78	-0.732	-1.572	0
15	2003	170	1530	4.498	181.5	32.26	31.49	30.67	-0.773	-1.594	0
15	2003	170	1545	3.581	169.3	32.03	31.37	30.69	-0.655	-1.34	0
15	2003	170	1600	4.35	180.4	31.95	31.41	30.69	-0.541	-1.256	0
15	2003	170	1615	4.613	188	31.95	31.46	30.75	-0.488	-1.196	0
15	2003	170	1630	3.906	185.7	31.78	31.35	30.74	-0.43	-1.036	0
15	2003	170	1645	3.422	164.6	31.89	31.45	30.84	-0.441	-1.047	0
15	2003	170	1700	3.536	167.9	32.05	31.56	30.95	-0.487	-1.101	0
15	2003	170	1715	4.669	148	32.3	31.7	30.97	-0.605	-1.337	0
15	2003	170	1730	4.168	164.6	32.21	31.68	30.98	-0.534	-1.235	0
15	2003	170	1745	4.85	163.7	32.16	31.69	30.99	-0.469	-1.169	0
15	2003	170	1800	4.44	156.2	31.59	31.32	30.78	-0.263	-0.809	0
15	2003	170	1815	4.6	172.8	31.07	31	30.59	-0.073	-0.481	0
15	2003	170	1830	4.743	155	30.97	30.89	30.51	-0.081	-0.467	0
15	2003	170	1845	4.278	148.2	30.69	30.71	30.42	0.022	-0.272	0
15	2003	170	1900	4.096	145.4	30.11	30.33	30.2	0.214	0.084	0
15	2003	170	1915	4.514	150.5	29.71	29.96	29.95	0.245	0.239	0
15	2003	170	1930	4.472	146.8	29.27	29.54	29.59	0.272	0.325	0

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15	2003	170	1945	4.485	143.6	28.84	29.07	29.15	0.236	0.31	0
15	2003	170	2000	5.296	147.9	28.6	28.86	28.9	0.255	0.301	0
15	2003	170	2015	5.123	143.3	28.33	28.54	28.61	0.207	0.279	0
15	2003	170	2030	4.9	143.4	28	28.21	28.31	0.207	0.309	0
15	2003	170	2045	4.887	147	27.75	27.95	28	0.204	0.251	0
15	2003	170	2100	4.58	149.8	27.46	27.69	27.74	0.233	0.285	0
15	2003	170	2115	4.213	147.1	26.92	27.23	27.42	0.312	0.506	0
15	2003	170	2130	4.478	146.9	26.65	26.91	27.18	0.265	0.532	0
15	2003	170	2145	4.954	144.8	26.55	26.82	26.97	0.271	0.423	0
15	2003	170	2200	4.498	150.4	26.35	26.61	26.74	0.26	0.383	0
15	2003	170	2215	4.362	164.6	26.29	26.48	26.53	0.189	0.237	0
15	2003	170	2230	4.031	179.1	26.05	26.21	26.24	0.159	0.185	0
15	2003	170	2245	3.514	200	25.38	25.62	25.8	0.239	0.416	0
15	2003	170	2300	3.075	177.3	24.73	25.1	25.53	0.368	0.805	0
15	2003	170	2315	3.871	155.1	24.48	24.9	25.49	0.421	1.008	0
15	2003	170	2330	4.898	140.7	24.38	24.63	25.43	0.25	1.053	0
15	2003	170	2345	5.54	138.6	24.67	24.86	25.26	0.187	0.591	0
15	2003	170	2400	5.392	139.2	24.92	25.07	25.16	0.151	0.245	0
24	2003	170	2400	1010	13.64	1444	18.06	517	32.66	1444	-2.061
15	2003	171	15	5.593	146.3	25.12	25.26	25.24	0.144	0.121	0
15	2003	171	30	6.155	141.2	25.06	25.16	25.03	0.1	-0.03	0
15	2003	171	45	6.635	135	24.76	24.84	24.69	0.083	-0.073	0
15	2003	171	100	6.744	129.6	24.5	24.56	24.36	0.062	-0.141	0
15	2003	171	115	7.04	124.6	24.17	24.23	24.04	0.061	-0.136	0
15	2003	171	130	6.661	124.5	23.86	23.97	23.84	0.108	-0.022	0
15	2003	171	145	6.433	124.5	23.52	23.64	23.51	0.113	-0.01	0
15	2003	171	200	6.469	126.6	23.38	23.5	23.38	0.117	-0.004	0
15	2003	171	215	6.417	125.9	23.18	23.31	23.21	0.132	0.033	0
15	2003	171	230	5.838	125.2	22.82	22.96	22.87	0.137	0.051	0
15	2003	171	245	5.82	124.4	22.54	22.68	22.63	0.145	0.087	0
15	2003	171	300	5.725	128.2	22.25	22.39	22.39	0.14	0.137	0
15	2003	171	315	6.05	128.2	22.06	22.19	22.17	0.13	0.109	0
15	2003	171	330	6.363	129.1	21.95	22.05	22.01	0.099	0.067	0
15	2003	171	345	5.491	123.3	21.7	21.82	21.78	0.118	0.079	0
15	2003	171	400	5.743	126	21.55	21.66	21.63	0.109	0.078	0
15	2003	171	415	5.838	119.9	21.58	21.7	21.64	0.118	0.061	0
15	2003	171	430	5.192	104	21.37	21.48	21.41	0.117	0.04	0
15	2003	171	445	5.249	103.4	21.25	21.29	21.22	0.04	-0.026	0

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15	2003	171	500	6.165	108.7	21.26	21.27	21.15	0.004	-0.109	0
15	2003	171	515	6.278	103.7	21.04	21.03	20.86	-0.011	-0.182	0
15	2003	171	530	6.97	102.5	21.13	21.11	20.88	-0.022	-0.253	0
15	2003	171	545	6.81	105.9	21.19	21.13	20.85	-0.056	-0.335	0
15	2003	171	600	6.428	103.9	21.29	21.17	20.79	-0.115	-0.498	0
15	2003	171	615	5.974	107.3	21.5	21.33	20.84	-0.165	-0.658	0
15	2003	171	630	6.263	110	21.74	21.54	21.01	-0.193	-0.725	0
15	2003	171	645	6.82	106.6	22.11	21.83	21.36	-0.28	-0.75	0
15	2003	171	700	6.337	107.5	22.82	22.36	21.67	-0.452	-1.142	0
15	2003	171	715	6.982	113.6	23.52	22.97	22.24	-0.553	-1.284	0
15	2003	171	730	7.48	119	23.51	23.12	22.47	-0.394	-1.043	0
15	2003	171	745	6.504	124	24.09	23.63	22.82	-0.461	-1.271	0
15	2003	171	800	7.16	126.1	25.05	24.22	23.27	-0.828	-1.783	0
15	2003	171	815	6.812	126.7	25.26	24.5	23.6	-0.753	-1.653	0
15	2003	171	830	6.514	133.2	25.25	24.61	23.72	-0.642	-1.529	0
15	2003	171	845	6.666	125.2	25.76	24.96	24.07	-0.805	-1.692	0
15	2003	171	900	6.414	133.4	26.57	25.66	24.76	-0.902	-1.809	0
15	2003	171	915	5.869	140.9	26.87	25.95	25.03	-0.921	-1.838	0
15	2003	171	930	6.189	135.6	27.39	26.36	25.32	-1.036	-2.072	0
15	2003	171	945	5.811	150.2	27.65	26.64	25.62	-1.012	-2.035	0
15	2003	171	1000	5.877	147.6	28.1	27.01	25.95	-1.09	-2.147	0
15	2003	171	1015	5.981	144.3	28.28	27.35	26.37	-0.924	-1.908	0
15	2003	171	1030	6.185	143.5	29.03	27.93	26.82	-1.102	-2.212	0
15	2003	171	1045	6.702	130.2	29.58	28.3	27.18	-1.282	-2.399	0
15	2003	171	1100	6.654	136	30.13	28.72	27.49	-1.405	-2.635	0
15	2003	171	1115	6.887	143.1	30.6	29.27	28.06	-1.329	-2.537	0
15	2003	171	1130	7.28	140.7	31.12	29.72	28.38	-1.395	-2.737	0
15	2003	171	1145	7.5	142.6	31.98	30.45	29.05	-1.527	-2.93	0
15	2003	171	1200	7.49	136.8	32.4	30.91	29.37	-1.49	-3.03	0
15	2003	171	1215	6.78	142	32.67	31.16	29.79	-1.505	-2.877	0
15	2003	171	1230	6.021	156.4	33.01	31.64	30.25	-1.371	-2.758	0
15	2003	171	1245	6.313	146.2	33.27	31.93	30.66	-1.341	-2.61	0
15	2003	171	1300	6.372	162.1	34.01	32.65	31.26	-1.365	-2.75	0
15	2003	171	1315	6.178	163.4	33.51	32.1	30.96	-1.411	-2.555	0
15	2003	171	1330	5.691	185.9	33.85	32.38	31.2	-1.469	-2.642	0
15	2003	171	1345	5.734	193.3	34.21	32.93	31.56	-1.277	-2.65	0
15	2003	171	1400	6.595	164	34.31	32.9	31.68	-1.411	-2.633	0
15	2003	171	1415	6.091	158.8	34.49	33.22	32.09	-1.273	-2.404	0

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15	2003	171	1430	6.973	163.8	34.55	33.17	32	-1.382	-2.55	0
15	2003	171	1445	6.629	158.5	33.8	32.86	31.89	-0.935	-1.905	0
15	2003	171	1500	7.1	170.2	33.71	32.84	31.84	-0.864	-1.864	0
15	2003	171	1515	7.57	156.6	33.15	32.5	31.71	-0.647	-1.437	0
15	2003	171	1530	7.91	159.8	34.38	33.32	32.29	-1.054	-2.089	0
15	2003	171	1545	8.01	160.2	33.93	33.08	32.07	-0.844	-1.862	0
15	2003	171	1600	8.48	160.4	33.21	32.74	31.94	-0.462	-1.266	0
15	2003	171	1615	9.46	148.4	32.64	32.32	31.66	-0.323	-0.981	0
15	2003	171	1630	11.79	158.1	32.42	32.15	31.51	-0.273	-0.913	0
15	2003	171	1645	9.97	164.5	32.16	31.92	31.31	-0.234	-0.846	0
15	2003	171	1700	7.49	171.2	32.08	31.89	31.38	-0.183	-0.697	0
15	2003	171	1715	8.52	157.5	31.62	31.43	30.91	-0.187	-0.704	0
15	2003	171	1730	9.57	164.5	31.82	31.44	30.79	-0.378	-1.028	0
15	2003	171	1745	9.56	165.5	31.45	31.06	30.35	-0.388	-1.095	0
15	2003	171	1800	11.03	169.2	30.42	30.06	29.41	-0.359	-1.008	0
15	2003	171	1815	11.2	170.8	29.19	28.88	28.32	-0.311	-0.874	0
15	2003	171	1830	10.45	167	28.47	28.25	27.75	-0.22	-0.724	0
15	2003	171	1845	7.66	157.2	28.03	27.91	27.49	-0.12	-0.537	0
15	2003	171	1900	7.8	153.9	27.7	27.67	27.3	-0.032	-0.395	0
15	2003	171	1915	7.86	159.6	27.15	27.17	26.84	0.017	-0.306	0
15	2003	171	1930	8.9	160.7	26.75	26.78	26.46	0.023	-0.294	0
15	2003	171	1945	9.2	158	26.27	26.29	25.97	0.012	-0.304	0
15	2003	171	2000	7.85	156.7	25.77	25.81	25.5	0.031	-0.276	0
15	2003	171	2015	7.13	156.3	25.36	25.41	25.14	0.046	-0.224	0
15	2003	171	2030	8.19	165.1	25.05	25.07	24.77	0.019	-0.281	0
15	2003	171	2045	8.02	162.8	24.59	24.62	24.36	0.029	-0.228	0
15	2003	171	2100	8.62	159.7	24.76	24.82	24.6	0.053	-0.16	0
15	2003	171	2115	8.18	160.2	25.02	25.1	24.9	0.073	-0.122	0
15	2003	171	2130	9.1	157	25.46	25.53	25.32	0.069	-0.143	0
15	2003	171	2145	10.03	157.6	25.69	25.74	25.48	0.053	-0.212	0
15	2003	171	2200	9.46	157.5	25.64	25.69	25.46	0.058	-0.179	0
15	2003	171	2215	9.56	158.6	25.42	25.47	25.2	0.051	-0.221	0
15	2003	171	2230	8.84	158.4	25.06	25.12	24.84	0.054	-0.223	0
15	2003	171	2245	7.59	167.2	24.75	24.8	24.54	0.053	-0.208	0
15	2003	171	2300	7.08	172.3	24.59	24.64	24.38	0.053	-0.209	0
15	2003	171	2315	5.093	180.6	24.25	24.32	24.09	0.069	-0.165	0
15	2003	171	2330	4.896	177.6	23.91	24.02	23.82	0.111	-0.083	0
15	2003	171	2345	5.28	167.8	23.72	23.86	23.7	0.136	-0.02	0

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15	2003	171	2400	5.72	165.5	23.69	23.81	23.62	0.124	-0.068	0
24	2003	171	2400	1622	20.03	1416	20.88	502	34.2	1410	-1.987
15	2003	172	15	4.463	172.2	23.42	23.58	23.46	0.165	0.043	0
15	2003	172	30	3.63	172.1	23.12	23.34	23.23	0.219	0.104	0
15	2003	172	45	4.34	163.8	23.1	23.28	23.11	0.179	0.017	0
15	2003	172	100	5.391	158	23.09	23.2	22.99	0.119	-0.1	0
15	2003	172	115	5.325	153.8	22.82	22.93	22.73	0.109	-0.086	0
15	2003	172	130	5.001	151.5	22.56	22.64	22.43	0.08	-0.133	0
15	2003	172	145	4.725	154.3	22.43	22.48	22.24	0.048	-0.187	0
15	2003	172	200	5.402	162.2	22.3	22.37	22.1	0.071	-0.194	0
15	2003	172	215	5.062	169.6	22.04	22.14	21.94	0.096	-0.1	0
15	2003	172	230	4.023	180.4	21.76	21.89	21.8	0.135	0.044	0
15	2003	172	245	3.443	171.8	21.49	21.67	21.68	0.181	0.194	0
15	2003	172	300	3.691	164	21.27	21.54	21.55	0.27	0.278	0
15	2003	172	315	4.552	158.8	21.17	21.4	21.45	0.233	0.285	0
15	2003	172	330	5.152	152	21	21.18	21.32	0.18	0.323	0
15	2003	172	345	5.411	148	20.85	20.98	21.23	0.132	0.382	0
15	2003	172	400	4.54	148.7	20.69	20.82	21.12	0.128	0.425	0
15	2003	172	415	4.189	151	20.53	20.69	21	0.159	0.461	0
15	2003	172	430	4.027	149.6	20.29	20.49	20.81	0.202	0.517	0
15	2003	172	445	3.74	147.4	20.1	20.33	20.91	0.231	0.816	0
15	2003	172	500	3.381	138.8	19.86	20.14	20.95	0.278	1.086	0
15	2003	172	515	3.555	140.6	19.92	20.17	20.9	0.25	0.974	0
15	2003	172	530	3.906	149.6	20.36	20.53	20.97	0.16	0.609	0
15	2003	172	545	4.515	153.1	20.95	20.99	21.26	0.035	0.308	0
15	2003	172	600	4.836	151.4	21.6	21.51	21.76	-0.097	0.153	0
15	2003	172	615	4.222	154.5	22.58	22.35	22.03	-0.227	-0.552	0
15	2003	172	630	4.696	148.4	23.61	23.31	22.75	-0.308	-0.864	0
15	2003	172	645	5.265	145.3	23.62	23.18	22.5	-0.441	-1.118	0
15	2003	172	700	6.696	162.9	24.22	23.72	22.99	-0.502	-1.233	0
15	2003	172	715	6.364	164.9	24.56	23.94	23.16	-0.616	-1.396	0
15	2003	172	730	5.949	166.5	25.45	24.8	23.91	-0.652	-1.541	0
15	2003	172	745	6.454	173.8	26.33	25.6	24.68	-0.727	-1.647	0
15	2003	172	800	7.34	183.1	27.27	26.48	25.59	-0.782	-1.674	0
15	2003	172	815	7.04	185	28.06	27.14	26.19	-0.916	-1.867	0
15	2003	172	830	6.475	185.8	28.32	27.48	26.5	-0.842	-1.819	0
15	2003	172	845	5.724	184.1	28.98	27.97	26.98	-1.012	-1.995	0
15	2003	172	900	6.077	182.6	29.46	28.38	27.35	-1.084	-2.116	0

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15	2003	172	915	5.313	187.3	29.78	28.79	27.7	-0.992	-2.081	0
15	2003	172	930	4.093	200.5	29.82	28.92	27.96	-0.894	-1.853	0
15	2003	172	945	4.041	197.3	30.35	29.45	28.5	-0.905	-1.854	0
15	2003	172	1000	4.049	200.7	30.73	29.71	28.87	-1.017	-1.857	0
15	2003	172	1015	3.66	206.6	31.53	30.43	29.37	-1.103	-2.166	0
15	2003	172	1030	3.565	181.8	31.83	30.8	29.84	-1.028	-1.988	0
15	2003	172	1045	2.868	176	32.14	31.23	30.35	-0.917	-1.794	0
15	2003	172	1100	3.106	173.9	32.42	31.43	30.71	-0.993	-1.711	0
15	2003	172	1115	4.046	161.5	33.32	32.1	31	-1.221	-2.326	0
15	2003	172	1130	3.098	233.3	32.94	32.08	31.2	-0.857	-1.742	0
15	2003	172	1145	2.597	242.4	32.94	32.19	31.4	-0.752	-1.542	0
15	2003	172	1200	1.941	237.6	33.38	32.66	31.69	-0.729	-1.692	0
15	2003	172	1215	4.033	182.9	34.52	33.36	32.27	-1.159	-2.248	0
15	2003	172	1230	2.128	217.7	33.9	33.14	32.36	-0.753	-1.536	0
15	2003	172	1245	2.506	233.7	34.58	33.73	32.96	-0.857	-1.629	0
15	2003	172	1300	4.036	201	35.62	34.62	33.61	-1.004	-2.016	0
15	2003	172	1315	4.23	181.6	35.59	34.54	33.59	-1.049	-2.001	0
15	2003	172	1330	3.536	224.6	36.22	35.25	34.28	-0.974	-1.94	0
15	2003	172	1345	5.095	220.6	36.89	35.71	34.71	-1.187	-2.187	0
15	2003	172	1400	4.235	253.2	36.5	35.53	34.47	-0.966	-2.029	0
15	2003	172	1415	4.864	258.1	36.96	35.83	34.74	-1.124	-2.217	0
15	2003	172	1430	5.277	247.8	36.95	35.93	34.77	-1.018	-2.186	0
15	2003	172	1445	6.769	223	37.05	36.02	34.89	-1.026	-2.16	0
15	2003	172	1500	7.2	210.6	37.16	35.99	34.77	-1.166	-2.393	0
15	2003	172	1515	6.827	199.1	37.12	36.12	34.92	-1.005	-2.198	0
15	2003	172	1530	6.299	207.9	37.08	36.13	35.09	-0.948	-1.992	0
15	2003	172	1545	4.694	218.4	36.69	35.84	34.9	-0.851	-1.79	0
15	2003	172	1600	7.01	225.2	36.6	35.72	34.75	-0.885	-1.856	0
15	2003	172	1615	4.99	233.7	36.69	35.94	35.01	-0.752	-1.684	0
15	2003	172	1630	6.147	249.5	36.73	35.94	35.02	-0.782	-1.701	0
15	2003	172	1645	4.924	205.9	36.78	36.07	35.13	-0.707	-1.654	0
15	2003	172	1700	5.92	247.3	36.74	36.16	35.35	-0.584	-1.389	0
15	2003	172	1715	5.34	250.8	36.46	35.9	35.15	-0.562	-1.31	0
15	2003	172	1730	6.663	240.7	36.34	35.89	35.15	-0.449	-1.197	0
15	2003	172	1745	5.785	245.5	36.11	35.76	35.09	-0.353	-1.015	0
15	2003	172	1800	5.818	248.2	35.93	35.66	35.08	-0.262	-0.846	0
15	2003	172	1815	5.208	255.6	35.68	35.44	34.98	-0.232	-0.696	0
15	2003	172	1830	4.817	242	35.39	35.28	34.88	-0.11	-0.509	0

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15	2003	172	1845	4.758	190.8	34.79	34.75	34.44	-0.038	-0.347	0
15	2003	172	1900	4.468	168.2	33.98	34.1	33.89	0.125	-0.087	0
15	2003	172	1915	3.726	163.6	33.15	33.47	33.53	0.324	0.376	0
15	2003	172	1930	3.291	161.4	32.33	32.94	33.3	0.605	0.961	0
15	2003	172	1945	3.394	165.3	31.33	32.34	32.84	1.005	1.51	0
15	2003	172	2000	2.685	170.5	30.1	31.61	32.42	1.508	2.318	0
15	2003	172	2015	1.949	178	29.42	30.55	31.82	1.133	2.407	0
15	2003	172	2030	1.583	147	28.97	30.44	31.06	1.478	2.097	0
15	2003	172	2045	1.36	155.7	28.68	29.98	30.54	1.291	1.853	0
15	2003	172	2100	0.807	117.9	28.36	29.8	30.01	1.442	1.654	0
15	2003	172	2115	0.797	83.4	27.19	29.17	30.08	1.979	2.886	0
15	2003	172	2130	0.897	133.4	27.04	28.76	30.02	1.723	2.98	0
15	2003	172	2145	3.99	158.7	29.16	29.85	30.09	0.695	0.931	0
15	2003	172	2200	5.236	151.3	29.64	29.83	29.72	0.184	0.08	0
15	2003	172	2215	5.556	160.9	29.17	29.32	29.16	0.151	-0.013	0
15	2003	172	2230	6.366	158.7	28.79	28.9	28.69	0.106	-0.101	0
15	2003	172	2245	8.05	158.8	28.46	28.53	28.28	0.066	-0.175	0
15	2003	172	2300	8.05	154.2	28.14	28.2	27.94	0.064	-0.197	0
15	2003	172	2315	8.26	155.3	27.82	27.89	27.65	0.064	-0.176	0
15	2003	172	2330	6.808	152.2	27.43	27.52	27.31	0.094	-0.118	0
15	2003	172	2345	7.3	148.5	27.16	27.25	27.05	0.089	-0.103	0
15	2003	172	2400	7.81	147.2	26.85	26.94	26.75	0.093	-0.103	0
24	2003	172	2400	1431	15.89	1500	19.93	500	36.92	1521	-1.913
15	2003	173	15	7.52	147.7	26.55	26.65	26.48	0.102	-0.074	0
15	2003	173	30	7.55	147.1	26.27	26.37	26.2	0.106	-0.066	0
15	2003	173	45	7.63	146.1	26.03	26.15	25.98	0.118	-0.053	0
15	2003	173	100	7.25	147.9	25.8	25.91	25.76	0.107	-0.044	0
15	2003	173	115	6.941	145.7	25.53	25.66	25.51	0.123	-0.028	0
15	2003	173	130	7.06	146.7	25.35	25.47	25.3	0.124	-0.05	0
15	2003	173	145	6.545	145.6	25.05	25.18	25.05	0.132	-0.004	0
15	2003	173	200	6.63	146.9	24.87	25.01	24.86	0.141	-0.012	0
15	2003	173	215	5.88	147.3	24.6	24.74	24.61	0.139	0.013	0
15	2003	173	230	5.602	150	24.37	24.51	24.37	0.136	0	0
15	2003	173	245	5.539	150.1	24.14	24.29	24.17	0.15	0.033	0
15	2003	173	300	5.074	149.2	23.83	24.02	23.97	0.187	0.139	0
15	2003	173	315	4.743	153.3	23.63	23.8	23.75	0.169	0.118	0
15	2003	173	330	3.755	154.7	23.26	23.49	23.52	0.23	0.261	0
15	2003	173	345	1.837	177.3	22.96	23.21	23.27	0.253	0.311	0

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15	2003	173	400	2.929	167.2	22.57	23.08	23.23	0.511	0.667	0
15	2003	173	415	2.443	177.2	22.26	22.8	23.08	0.541	0.825	0
15	2003	173	430	3.361	158.7	22.01	22.55	22.94	0.548	0.93	0
15	2003	173	445	2.526	128.6	21.84	22.27	22.7	0.429	0.861	0
15	2003	173	500	3.873	131.1	21.79	22.16	22.66	0.373	0.866	0
15	2003	173	515	4.292	138.2	21.76	21.98	22.5	0.222	0.734	0
15	2003	173	530	4.192	132.5	21.88	21.96	22.33	0.087	0.455	0
15	2003	173	545	4.271	125.1	22.17	22.14	22.19	-0.028	0.027	0
15	2003	173	600	3.762	138.5	22.63	22.46	22.12	-0.174	-0.511	0
15	2003	173	615	3.954	142.9	23.27	22.98	22.46	-0.287	-0.807	0
15	2003	173	630	4.105	146.9	23.92	23.57	22.98	-0.353	-0.935	0
15	2003	173	645	4.347	158.6	24.61	24.16	23.52	-0.455	-1.092	0
15	2003	173	700	4.178	161.8	25.13	24.56	23.86	-0.564	-1.271	0
15	2003	173	715	3.823	168.7	25.77	25.07	24.33	-0.703	-1.441	0
15	2003	173	730	3.555	163.2	26.28	25.61	24.76	-0.676	-1.522	0
15	2003	173	745	3.219	170.7	27.13	26.41	25.5	-0.724	-1.627	0
15	2003	173	800	2.32	193.9	27.92	27.33	26.62	-0.59	-1.303	0
15	2003	173	815	2.16	215.2	28.7	28.13	27.48	-0.57	-1.221	0
15	2003	173	830	1.601	262.2	29.04	28.57	27.9	-0.476	-1.141	0
15	2003	173	845	1.662	253.5	29.77	29.28	28.59	-0.489	-1.179	0
15	2003	173	900	2.278	242.4	30.58	30.03	29.31	-0.554	-1.273	0
15	2003	173	915	2.224	243.8	31.4	30.83	29.93	-0.573	-1.471	0
15	2003	173	930	2.838	270.8	32.02	31.33	30.53	-0.688	-1.486	0
15	2003	173	945	2.784	297.4	32.43	31.72	30.94	-0.714	-1.496	0
15	2003	173	1000	2.62	307.1	32.7	32.2	31.45	-0.502	-1.254	0
15	2003	173	1015	3.276	267.9	33.34	32.48	31.57	-0.857	-1.763	0
15	2003	173	1030	2.198	253.2	33.58	32.83	31.96	-0.746	-1.61	0
15	2003	173	1045	2.258	260.9	33.75	33.09	32.21	-0.663	-1.539	0
15	2003	173	1100	2.254	238.2	34.68	33.8	32.89	-0.878	-1.79	0
15	2003	173	1115	2.88	238.4	34.89	34.01	33.16	-0.887	-1.739	0
15	2003	173	1130	3.046	202.7	35.58	34.66	33.61	-0.927	-1.974	0
15	2003	173	1145	2.675	234.8	35.58	34.68	33.8	-0.896	-1.78	0
15	2003	173	1200	3.263	226.8	35.72	34.71	33.79	-1.007	-1.929	0
15	2003	173	1215	2.982	141.9	36.01	35.03	34.18	-0.973	-1.822	0
15	2003	173	1230	3.668	190.5	36.8	35.71	34.54	-1.09	-2.259	0
15	2003	173	1245	4.027	208.7	36.78	35.78	34.72	-1	-2.059	0
15	2003	173	1300	5.057	200.9	37.19	35.91	34.76	-1.284	-2.431	0
15	2003	173	1315	4.165	193.5	37.18	36.27	35.13	-0.905	-2.051	0

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15	2003	173	1330	4.915	188.4	37.53	36.37	35.32	-1.167	-2.207	0
15	2003	173	1345	6.312	197.2	38.08	36.74	35.66	-1.343	-2.426	0
15	2003	173	1400	4.719	194.1	38.23	37.09	35.95	-1.144	-2.285	0
15	2003	173	1415	5.648	191.9	38.61	37.46	36.36	-1.148	-2.247	0
15	2003	173	1430	4.341	207.2	38.16	37.28	36.19	-0.883	-1.973	0
15	2003	173	1445	4.747	205.6	38.69	37.78	36.74	-0.906	-1.942	0
15	2003	173	1500	7.69	213.6	39.17	38.07	36.93	-1.101	-2.241	0
15	2003	173	1515	6.231	231	39.03	38.09	36.97	-0.939	-2.06	0
15	2003	173	1530	6.732	222.2	39.12	38.26	37.12	-0.86	-1.998	0
15	2003	173	1545	7.5	204.6	38.96	38.11	37.03	-0.856	-1.936	0
15	2003	173	1600	6.856	214.7	38.95	38.15	37.07	-0.802	-1.881	0
15	2003	173	1615	6.131	227.5	38.94	38.11	37.16	-0.826	-1.778	0
15	2003	173	1630	6.855	217.8	38.97	38.25	37.23	-0.713	-1.733	0
15	2003	173	1645	6.121	219.6	38.73	38.08	37.16	-0.652	-1.575	0
15	2003	173	1700	5.816	218.4	38.56	37.98	37.18	-0.583	-1.379	0
15	2003	173	1715	4.918	238.8	38.31	37.79	37.07	-0.519	-1.236	0
15	2003	173	1730	6.201	218.5	38.16	37.74	37.04	-0.423	-1.126	0
15	2003	173	1745	4.828	229.6	37.91	37.6	37.01	-0.315	-0.899	0
15	2003	173	1800	6.382	199.7	37.73	37.48	36.91	-0.249	-0.825	0
15	2003	173	1815	5.608	211.7	37.37	37.2	36.81	-0.174	-0.566	0
15	2003	173	1830	5.202	207.4	36.97	36.93	36.64	-0.039	-0.333	0
15	2003	173	1845	6.551	189.4	35.56	35.55	35.34	-0.006	-0.215	0
15	2003	173	1900	9.55	167.8	33.05	32.96	32.57	-0.091	-0.482	0
15	2003	173	1915	8.76	160.6	32.34	32.36	32.05	0.021	-0.294	0
15	2003	173	1930	7.91	156.7	31.77	31.85	31.6	0.078	-0.177	0
15	2003	173	1945	7.93	157.3	31.42	31.53	31.32	0.101	-0.101	0
15	2003	173	2000	8.11	165	30.99	31.08	30.85	0.092	-0.144	0
15	2003	173	2015	7.22	159.2	30.34	30.45	30.27	0.11	-0.072	0
15	2003	173	2030	6.307	158.2	30	30.14	30.01	0.145	0.013	0
15	2003	173	2045	7.09	157.1	29.68	29.84	29.74	0.154	0.055	0
15	2003	173	2100	5.513	156.8	29.28	29.47	29.33	0.189	0.054	0
15	2003	173	2115	7.07	147.1	28.93	29.07	28.96	0.135	0.027	0
15	2003	173	2130	6.482	146.2	28.52	28.67	28.58	0.143	0.056	0
15	2003	173	2145	6.559	150	28.27	28.4	28.33	0.134	0.061	0
15	2003	173	2200	6.604	148.5	28.14	28.28	28.23	0.14	0.095	0
15	2003	173	2215	7.17	150.3	28.11	28.25	28.15	0.131	0.032	0
15	2003	173	2230	7.1	151.6	27.97	28.09	27.99	0.123	0.019	0
15	2003	173	2245	7.84	153.5	27.9	27.99	27.85	0.095	-0.047	0

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15	2003	173	2300	8.35	154.8	27.8	27.88	27.74	0.081	-0.065	0
15	2003	173	2315	8.01	158.6	27.64	27.73	27.56	0.089	-0.079	0
15	2003	173	2330	7.92	162.5	27.43	27.51	27.33	0.079	-0.096	0
15	2003	173	2345	7.78	162.9	27.27	27.35	27.16	0.081	-0.108	0
15	2003	173	2400	7.99	161.2	27.09	27.17	26.95	0.087	-0.132	0
24	2003	173	2400	1858	15.5	1502	21.84	514	38.96	1517	-2.011
15	2003	174	15	7.23	154.7	26.79	26.89	26.68	0.1	-0.101	0
15	2003	174	30	7.09	151.9	26.61	26.71	26.54	0.092	-0.073	0
15	2003	174	45	6.56	149.8	26.35	26.46	26.32	0.106	-0.036	0
15	2003	174	100	6.122	143.8	26.16	26.27	26.15	0.118	-0.01	0
15	2003	174	115	5.912	139	25.84	25.98	25.87	0.139	0.035	0
15	2003	174	130	6.5	139.6	25.64	25.76	25.62	0.116	-0.022	0
15	2003	174	145	6.357	145.1	25.35	25.47	25.34	0.125	-0.001	0
15	2003	174	200	6.776	147.6	25.22	25.32	25.17	0.1	-0.05	0
15	2003	174	215	6.438	147	25.08	25.18	25.03	0.099	-0.055	0
15	2003	174	230	6.833	144.8	24.95	25.06	24.9	0.102	-0.05	0
15	2003	174	245	6.428	146	24.72	24.84	24.7	0.123	-0.017	0
15	2003	174	300	6.745	146.5	24.58	24.66	24.46	0.086	-0.112	0
15	2003	174	315	6.119	142.9	24.41	24.48	24.27	0.065	-0.14	0
15	2003	174	330	6.045	138.2	24.21	24.29	24.09	0.088	-0.121	0
15	2003	174	345	4.651	143.4	24	24.1	23.88	0.101	-0.117	0
15	2003	174	400	4.706	141	23.78	23.9	23.68	0.123	-0.102	0
15	2003	174	415	5.827	138.7	23.58	23.68	23.51	0.098	-0.075	0
15	2003	174	430	6.349	136.5	23.4	23.51	23.36	0.108	-0.042	0
15	2003	174	445	6.686	131.9	23.3	23.4	23.24	0.109	-0.052	0
15	2003	174	500	6.586	136.1	23.19	23.27	23.1	0.086	-0.092	0
15	2003	174	515	6.532	137.7	23.21	23.25	23.03	0.038	-0.176	0
15	2003	174	530	6.714	140.4	23.34	23.31	23.02	-0.028	-0.318	0
15	2003	174	545	7.14	139	23.59	23.47	23.09	-0.115	-0.499	0
15	2003	174	600	7.57	144.1	23.93	23.72	23.23	-0.208	-0.701	0
15	2003	174	615	8.01	138.6	24.33	24.05	23.48	-0.278	-0.85	0
15	2003	174	630	7.52	144	24.85	24.5	23.83	-0.355	-1.025	0
15	2003	174	645	7.97	145.4	25.2	24.76	24.04	-0.443	-1.158	0
15	2003	174	700	7.44	146.6	25.72	25.21	24.43	-0.51	-1.288	0
15	2003	174	715	7.07	148.9	26.44	25.83	24.94	-0.612	-1.501	0
15	2003	174	730	7.55	154	26.9	26.21	25.24	-0.698	-1.668	0
15	2003	174	745	7.47	158.8	27.54	26.76	25.8	-0.778	-1.743	0
15	2003	174	800	7.58	158.3	28.17	27.33	26.22	-0.834	-1.949	0

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15	2003	174	815	7.51	159.4	28.37	27.57	26.64	-0.793	-1.723	0
15	2003	174	830	7.65	162.8	29.22	28.28	27.24	-0.934	-1.974	0
15	2003	174	845	7.47	161	30.2	29.18	27.92	-1.027	-2.288	0
15	2003	174	900	8.15	163.2	30.56	29.4	28.32	-1.16	-2.238	0
15	2003	174	915	7.58	155.8	31.1	29.85	28.61	-1.253	-2.49	0
15	2003	174	930	6.577	159.2	31.78	30.67	29.3	-1.106	-2.481	0
15	2003	174	945	6.721	160.3	32.34	31.02	29.77	-1.321	-2.568	0
15	2003	174	1000	6.439	151.7	32.97	31.64	30.3	-1.33	-2.668	0
15	2003	174	1015	6.641	164.3	33.54	32.14	30.77	-1.404	-2.768	0
15	2003	174	1030	6.834	162.8	33.93	32.58	31.29	-1.345	-2.637	0
15	2003	174	1045	6.81	165.6	34.26	32.83	31.75	-1.426	-2.507	0
15	2003	174	1100	6.916	157.9	34.47	33.23	31.99	-1.249	-2.485	0
15	2003	174	1115	7.26	162.3	35.02	33.51	32.34	-1.507	-2.68	0
15	2003	174	1130	6.78	178.7	35.27	33.85	32.63	-1.42	-2.641	0
15	2003	174	1145	6.757	181.9	35.81	34.29	33.03	-1.523	-2.784	0
15	2003	174	1200	6.464	179	35.96	34.52	33.24	-1.442	-2.722	0
15	2003	174	1215	6.757	160.2	35.74	34.38	33.36	-1.354	-2.382	0
15	2003	174	1230	6.245	185.8	36.22	34.91	33.78	-1.306	-2.439	0
15	2003	174	1245	7.43	188.5	36.51	35.12	34	-1.389	-2.508	0
15	2003	174	1300	7.17	183.2	36.75	35.42	34.31	-1.327	-2.442	0
15	2003	174	1315	7.45	162.9	36.89	35.51	34.29	-1.381	-2.599	0
15	2003	174	1330	8.24	181.3	36.58	35.39	34.2	-1.192	-2.381	0
15	2003	174	1345	7.75	162.9	37.02	35.57	34.24	-1.458	-2.788	0
15	2003	174	1400	7.41	173.1	37.28	35.8	34.51	-1.48	-2.763	0
15	2003	174	1415	7.98	179	36.07	35.26	34.27	-0.819	-1.803	0
15	2003	174	1430	8.05	174.1	35.47	34.93	34.17	-0.531	-1.296	0
15	2003	174	1445	7.64	185.4	34.96	34.6	33.93	-0.353	-1.024	0
15	2003	174	1500	6.969	186.2	34.63	34.39	33.82	-0.243	-0.805	0
15	2003	174	1515	10.64	218.2	31.8	31.81	31.28	0.006	-0.527	0.508
15	2003	174	1530	10.07	278.8	22.55	22.9	22.81	0.351	0.259	10.92
15	2003	174	1545	7.44	120.8	22.76	23.99	25.23	1.23	2.468	1.016
15	2003	174	1600	6.957	117.2	23.48	24.13	25.66	0.656	2.183	0
15	2003	174	1615	7.57	131	25.12	25.64	27.3	0.518	2.176	0
15	2003	174	1630	7.16	125	26.71	27.22	28.43	0.505	1.722	0
15	2003	174	1645	8.46	137.7	28.01	28.54	29.43	0.525	1.422	0
15	2003	174	1700	7.89	142.9	28.36	28.8	29.48	0.436	1.114	0
15	2003	174	1715	8.94	137.8	28.61	29	29.34	0.39	0.725	0
15	2003	174	1730	8.61	132	28.04	28.33	28.52	0.294	0.478	0

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15	2003	174	1745	8.44	131.9	27.8	28.07	28.2	0.264	0.396	0
15	2003	174	1800	8.75	136.2	27.94	28.15	28.29	0.212	0.349	0
15	2003	174	1815	9.49	144.1	28.16	28.36	28.44	0.206	0.287	0
15	2003	174	1830	9.7	145.9	27.81	28.07	28.22	0.262	0.413	0
15	2003	174	1845	9.42	146.4	27.34	27.6	27.76	0.266	0.427	0
15	2003	174	1900	9.19	137.9	26.7	27.01	27.17	0.31	0.478	0
15	2003	174	1915	9.12	132.9	26.24	26.62	26.8	0.376	0.563	0
15	2003	174	1930	9.2	135	25.38	25.65	25.73	0.272	0.348	0
15	2003	174	1945	7.63	127.4	25.28	25.58	25.72	0.304	0.439	0
15	2003	174	2000	7.27	129.2	25.37	25.67	25.8	0.308	0.433	0
15	2003	174	2015	7.76	134.4	25.25	25.57	25.73	0.318	0.472	0
15	2003	174	2030	8.82	138.9	25.47	25.83	26.05	0.361	0.577	0
15	2003	174	2045	9.01	140.5	25.35	25.71	25.92	0.363	0.575	0
15	2003	174	2100	8.13	143.3	25	25.34	25.54	0.346	0.547	0
15	2003	174	2115	8.37	151.2	25.08	25.41	25.6	0.329	0.52	0
15	2003	174	2130	7.56	159.4	24.84	25.17	25.33	0.336	0.491	0
15	2003	174	2145	6.621	167.3	24.79	25.08	25.22	0.29	0.428	0
15	2003	174	2200	5.619	173	24.67	24.99	25.13	0.318	0.456	0
15	2003	174	2215	6.103	174.8	24.78	25.09	25.17	0.311	0.395	0
15	2003	174	2230	7.78	165.8	25.02	25.28	25.3	0.261	0.277	0
15	2003	174	2245	8.82	160.2	25.03	25.25	25.21	0.22	0.188	0
15	2003	174	2300	9.15	159.3	24.83	25.05	25.02	0.218	0.187	0
15	2003	174	2315	9.77	159.8	24.87	25.07	25.02	0.202	0.158	0
15	2003	174	2330	9.42	162.1	24.83	25.04	24.96	0.203	0.129	0
15	2003	174	2345	9.02	163.9	24.75	24.95	24.88	0.194	0.125	0
15	2003	174	2400	8.42	167	24.75	24.92	24.81	0.174	0.064	0
24	2003	174	2400	1516	33.75	1350	20.14	1519	36.34	1249	-2.085
15	2003	175	15	8.13	167.3	24.61	24.76	24.63	0.148	0.023	0
15	2003	175	30	8.62	164.7	24.42	24.57	24.43	0.142	0.003	0
15	2003	175	45	8.25	163.8	24.34	24.48	24.38	0.139	0.041	0
15	2003	175	100	8.45	162.2	24.25	24.39	24.28	0.139	0.031	0
15	2003	175	115	7.6	163	24.08	24.21	24.12	0.127	0.038	0
15	2003	175	130	7.38	161.4	24.03	24.15	24.04	0.125	0.006	0
15	2003	175	145	7.43	158.5	24.01	24.14	24.01	0.127	0	0
15	2003	175	200	6.856	163.3	23.89	24.02	23.9	0.13	0.006	0
15	2003	175	215	5.809	165.3	23.74	23.87	23.79	0.134	0.048	0
15	2003	175	230	5.81	162.2	23.63	23.77	23.73	0.14	0.097	0
15	2003	175	245	6.093	166.1	23.56	23.71	23.62	0.146	0.055	0

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15	2003	175	300	5.516	169.1	23.32	23.47	23.39	0.153	0.069	0
15	2003	175	315	4.768	174.6	23.03	23.22	23.2	0.186	0.168	0
15	2003	175	330	4.804	165.2	22.83	23.03	23.04	0.196	0.207	0
15	2003	175	345	5.399	159	22.81	23.03	23.07	0.221	0.263	0
15	2003	175	400	5.421	154.4	22.69	22.91	22.96	0.224	0.277	0
15	2003	175	415	5.926	155.3	22.71	22.96	23.07	0.249	0.359	0
15	2003	175	430	5.498	156.7	22.5	22.77	22.88	0.265	0.373	0
15	2003	175	445	6.29	158.9	22.49	22.74	22.85	0.25	0.357	0
15	2003	175	500	6.964	158.9	22.52	22.72	22.75	0.204	0.237	0
15	2003	175	515	7.97	156.5	22.52	22.67	22.56	0.145	0.04	0
15	2003	175	530	7.6	157.4	22.51	22.6	22.46	0.099	-0.042	0
15	2003	175	545	7.19	159.2	22.7	22.75	22.51	0.042	-0.191	0
15	2003	175	600	6.85	161.8	23.12	23.06	22.75	-0.056	-0.371	0
15	2003	175	615	7.21	159.2	23.6	23.46	23.05	-0.135	-0.549	0
15	2003	175	630	7.98	157.7	23.91	23.72	23.23	-0.188	-0.681	0
15	2003	175	645	8.72	157.1	24.1	23.85	23.29	-0.252	-0.812	0
15	2003	175	700	9.01	157.8	24.46	24.15	23.56	-0.311	-0.904	0
15	2003	175	715	9.56	162.3	24.96	24.63	24	-0.336	-0.964	0
15	2003	175	730	8.71	161.6	25.52	25.15	24.46	-0.379	-1.067	0
15	2003	175	745	8.79	162.4	25.96	25.52	24.79	-0.449	-1.177	0
15	2003	175	800	8.32	167	26.54	26.03	25.23	-0.509	-1.317	0
15	2003	175	815	8.69	167.2	26.86	26.28	25.46	-0.578	-1.404	0
15	2003	175	830	8.45	168.5	27.35	26.78	25.96	-0.571	-1.39	0
15	2003	175	845	7.52	175.8	28.13	27.53	26.67	-0.595	-1.461	0
15	2003	175	900	7.35	176.8	28.82	28.14	27.25	-0.679	-1.576	0
15	2003	175	915	8.65	173.1	29.19	28.47	27.57	-0.726	-1.622	0
15	2003	175	930	8.24	172.8	29.67	28.91	27.96	-0.762	-1.705	0
15	2003	175	945	8.64	177	30.08	29.28	28.33	-0.805	-1.756	0
15	2003	175	1000	8.44	184.5	30.79	29.95	28.95	-0.85	-1.843	0
15	2003	175	1015	7.5	191.9	31.33	30.4	29.49	-0.922	-1.836	0
15	2003	175	1030	6.932	190.2	31.92	30.92	29.96	-1.004	-1.962	0
15	2003	175	1045	5.995	191.6	32.34	31.4	30.41	-0.946	-1.928	0
15	2003	175	1100	6.154	196.1	32.47	31.6	30.75	-0.87	-1.717	0
15	2003	175	1115	5.838	208.8	33.3	32.41	31.5	-0.883	-1.797	0
15	2003	175	1130	5.135	211.9	33.71	32.79	31.78	-0.928	-1.936	0
15	2003	175	1145	4.532	182.7	34.01	33.03	32.1	-0.979	-1.911	0
15	2003	175	1200	6.134	225.6	34.24	33.29	32.36	-0.954	-1.881	0
15	2003	175	1215	5.292	204.3	34.37	33.42	32.46	-0.955	-1.912	0

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15	2003	175	1230	5.873	202.8	35.17	34.2	33.21	-0.973	-1.959	0
15	2003	175	1245	5.698	231.5	35.31	34.45	33.5	-0.857	-1.81	0
15	2003	175	1300	4.547	243.9	35.46	34.65	33.81	-0.815	-1.654	0
15	2003	175	1315	5.782	239.8	36.24	35.38	34.29	-0.857	-1.947	0
15	2003	175	1330	5.364	225.9	35.97	35.13	34.24	-0.847	-1.736	0
15	2003	175	1345	4.982	242.9	36.41	35.61	34.6	-0.799	-1.809	0
15	2003	175	1400	5.176	232.5	36.5	35.57	34.74	-0.93	-1.763	0
15	2003	175	1415	5.227	245.2	36.96	36.16	35.26	-0.804	-1.696	0
15	2003	175	1430	5.786	254	36.86	36.17	35.24	-0.684	-1.622	0
15	2003	175	1445	4.611	238.4	36.89	36.15	35.26	-0.744	-1.634	0
15	2003	175	1500	5.157	240.4	37.08	36.43	35.53	-0.656	-1.549	0
15	2003	175	1515	5.748	212.6	37.3	36.59	35.72	-0.711	-1.583	0
15	2003	175	1530	4.797	242.2	37.17	36.63	35.73	-0.544	-1.446	0
15	2003	175	1545	4.712	236.8	37.12	36.57	35.81	-0.553	-1.307	0
15	2003	175	1600	3.997	247	37.17	36.69	35.95	-0.485	-1.223	0
15	2003	175	1615	5.544	232.8	36.97	36.48	35.75	-0.49	-1.219	0
15	2003	175	1630	9.59	166	35.86	35.14	34.15	-0.717	-1.704	0
15	2003	175	1645	10.75	173.3	33.85	33.17	32.26	-0.678	-1.588	0
15	2003	175	1700	9.99	165.2	33.8	33.16	32.31	-0.641	-1.494	0
15	2003	175	1715	7.82	163.1	33.67	33.2	32.43	-0.469	-1.245	0
15	2003	175	1730	8.18	167.9	33.88	33.39	32.7	-0.488	-1.184	0
15	2003	175	1745	8.77	153.2	32.77	32.58	32.06	-0.188	-0.705	0
15	2003	175	1800	9.45	152.7	32.03	31.79	31.27	-0.242	-0.765	0
15	2003	175	1815	9.79	152.1	31.14	30.81	30.23	-0.329	-0.908	0
15	2003	175	1830	8.85	148.8	30.92	30.72	30.21	-0.206	-0.718	0
15	2003	175	1845	8.89	152.2	30.91	30.72	30.24	-0.192	-0.669	0
15	2003	175	1900	9.84	153.9	30.55	30.44	30.02	-0.109	-0.527	0
15	2003	175	1915	9.84	159.4	30.22	30.18	29.8	-0.037	-0.413	0
15	2003	175	1930	10.15	156.9	30.17	30.16	29.81	-0.006	-0.353	0
15	2003	175	1945	9.3	157.4	29.85	29.84	29.5	-0.01	-0.347	0
15	2003	175	2000	10.37	155.4	29.24	29.22	28.88	-0.02	-0.36	0
15	2003	175	2015	10.21	153.7	28.69	28.67	28.33	-0.022	-0.366	0
15	2003	175	2030	10.29	152.2	28.23	28.21	27.87	-0.019	-0.359	0
15	2003	175	2045	9.93	151.6	27.98	27.96	27.62	-0.018	-0.359	0
15	2003	175	2100	9.66	152.1	27.82	27.81	27.48	-0.011	-0.341	0
15	2003	175	2115	10.01	153.3	27.66	27.66	27.33	-0.001	-0.331	0
15	2003	175	2130	9.02	152.9	27.48	27.49	27.17	0.002	-0.319	0
15	2003	175	2145	8.15	152.5	27.24	27.25	26.94	0.007	-0.304	0

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15	2003	175	2200	8.2	154.3	27.08	27.09	26.77	0.008	-0.312	0
15	2003	175	2215	7.66	155.7	26.92	26.94	26.65	0.02	-0.269	0
15	2003	175	2230	8.44	159.9	26.85	26.87	26.57	0.025	-0.28	0
15	2003	175	2245	7.81	158	26.74	26.76	26.49	0.029	-0.249	0
15	2003	175	2300	7.5	154.4	26.62	26.65	26.37	0.029	-0.247	0
15	2003	175	2315	7.6	150.7	26.46	26.49	26.22	0.037	-0.24	0
15	2003	175	2330	7.25	144.1	26.32	26.36	26.1	0.044	-0.219	0
15	2003	175	2345	7.3	141.9	26.17	26.22	25.97	0.056	-0.197	0
15	2003	175	2400	7.3	139.5	26.08	26.14	25.9	0.057	-0.179	0
24	2003	175	2400	2024	18.82	1555	22.46	522	37.37	1555	-1.398
15	2003	176	15	6.429	138.3	25.97	26.02	25.8	0.058	-0.165	0
15	2003	176	30	6.107	142.9	25.8	25.88	25.66	0.076	-0.143	0
15	2003	176	45	6.843	147.1	25.74	25.8	25.56	0.059	-0.176	0
15	2003	176	100	6.005	149.1	25.52	25.6	25.4	0.073	-0.126	0
15	2003	176	115	6.549	149.6	25.41	25.49	25.3	0.072	-0.116	0
15	2003	176	130	5.907	148	25.22	25.3	25.14	0.077	-0.088	0
15	2003	176	145	5.958	150.5	25.07	25.16	25.02	0.09	-0.048	0
15	2003	176	200	5.863	154.5	24.99	25.08	24.94	0.092	-0.053	0
15	2003	176	215	5.061	153.2	24.82	24.92	24.82	0.103	0.002	0
15	2003	176	230	4.397	151.7	24.65	24.76	24.67	0.104	0.018	0
15	2003	176	245	3.835	145	24.43	24.57	24.55	0.136	0.112	0
15	2003	176	300	4.138	147.7	24.34	24.47	24.53	0.131	0.185	0
15	2003	176	315	4.582	152.4	24.45	24.57	24.58	0.122	0.134	0
15	2003	176	330	5.114	159.5	24.52	24.63	24.6	0.108	0.075	0
15	2003	176	345	5.218	160.2	24.51	24.61	24.54	0.098	0.028	0
15	2003	176	400	4.808	162	24.37	24.46	24.38	0.093	0.011	0
15	2003	176	415	4.278	171	24.19	24.32	24.22	0.121	0.024	0
15	2003	176	430	4.365	172.6	24.01	24.12	24.07	0.107	0.051	0
15	2003	176	445	4.216	175.9	23.97	24.09	24.08	0.12	0.118	0
15	2003	176	500	4.569	173.3	23.98	24.09	24.09	0.106	0.107	0
15	2003	176	515	4.758	178	24.04	24.12	24.06	0.087	0.02	0
15	2003	176	530	4.704	182.8	24.2	24.25	24.13	0.055	-0.067	0
15	2003	176	545	5.325	199.5	24.52	24.55	24.32	0.033	-0.193	0
15	2003	176	600	5.176	208.8	24.62	24.64	24.38	0.021	-0.241	0
15	2003	176	615	4.977	205.7	24.74	24.7	24.38	-0.042	-0.354	0
15	2003	176	630	4.961	211.7	25.04	24.93	24.53	-0.117	-0.516	0
15	2003	176	645	5.791	207.6	25.33	25.19	24.75	-0.137	-0.575	0
15	2003	176	700	5.896	196.6	25.41	25.22	24.77	-0.185	-0.637	0

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15	2003	176	715	5.232	202	25.65	25.47	25.01	-0.176	-0.633	0
15	2003	176	730	4.353	211.3	25.87	25.74	25.31	-0.13	-0.556	0
15	2003	176	745	3.773	215.1	26.11	25.97	25.54	-0.143	-0.577	0
15	2003	176	800	3.314	224.5	26.28	26.14	25.68	-0.144	-0.601	0
15	2003	176	815	2.904	232.8	26.47	26.32	25.87	-0.152	-0.598	0
15	2003	176	830	2.217	230.3	26.75	26.58	26.09	-0.167	-0.658	0
15	2003	176	845	2.007	246	27.12	26.89	26.34	-0.228	-0.772	0
15	2003	176	900	2.202	260.9	27.21	26.94	26.42	-0.267	-0.791	0
15	2003	176	915	1.988	289.8	27.26	27.09	26.58	-0.166	-0.675	0
15	2003	176	930	2.825	325.9	27.55	27.47	26.94	-0.088	-0.612	0
15	2003	176	945	3.782	342.7	28.2	28.01	27.51	-0.187	-0.691	0
15	2003	176	1000	3.567	347.7	28.62	28.34	27.78	-0.278	-0.837	0
15	2003	176	1015	3.004	344.2	29.63	29.14	28.54	-0.495	-1.092	0
15	2003	176	1030	2.735	353.6	30.56	30.03	29.32	-0.525	-1.242	0
15	2003	176	1045	2.278	341.9	31.31	30.68	30.01	-0.623	-1.299	0
15	2003	176	1100	1.793	325.2	31.98	31.51	30.78	-0.465	-1.195	0
15	2003	176	1115	1.303	305.2	32.2	31.79	31.02	-0.408	-1.171	0
15	2003	176	1130	1.772	191.3	33.07	32.56	31.79	-0.508	-1.278	0
15	2003	176	1145	2.904	127.8	33.71	32.92	32.07	-0.796	-1.648	0
15	2003	176	1200	5.182	129.9	33.71	32.48	31.46	-1.231	-2.253	0
15	2003	176	1215	5.479	140.3	33.58	32.47	31.25	-1.117	-2.336	0
15	2003	176	1230	5.036	175.9	33.92	32.74	31.69	-1.182	-2.232	0
15	2003	176	1245	4.956	159	33.95	32.8	31.7	-1.15	-2.253	0
15	2003	176	1300	4.38	160.5	33.96	32.75	31.76	-1.209	-2.194	0
15	2003	176	1315	3.867	139.7	33.88	32.99	32.03	-0.898	-1.853	0
15	2003	176	1330	5.405	149.3	34.26	33.15	32.14	-1.111	-2.126	0
15	2003	176	1345	5.109	144.1	34.71	33.57	32.36	-1.131	-2.348	0
15	2003	176	1400	4.578	133.2	34.54	33.51	32.42	-1.027	-2.114	0
15	2003	176	1415	4.371	122.1	34.31	33.52	32.45	-0.795	-1.864	0
15	2003	176	1430	4.982	149	34.27	33.52	32.58	-0.755	-1.687	0
15	2003	176	1445	4.812	149.1	34.56	33.75	32.85	-0.814	-1.712	0
15	2003	176	1500	5.279	130	34.66	33.73	32.77	-0.934	-1.891	0
15	2003	176	1515	4.451	119.1	34.78	34.02	33.02	-0.756	-1.759	0
15	2003	176	1530	4.982	127.3	34.74	33.98	33.07	-0.758	-1.664	0
15	2003	176	1545	4.916	127.2	34.64	33.93	33.12	-0.709	-1.522	0
15	2003	176	1600	3.755	143.7	35.06	34.39	33.59	-0.672	-1.475	0
15	2003	176	1615	4.784	155.3	35.42	34.64	33.57	-0.783	-1.854	0
15	2003	176	1630	5.861	153	34.9	34.09	33.21	-0.808	-1.695	0

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15	2003	176	1645	5.627	148	34.44	33.78	32.96	-0.663	-1.479	0
15	2003	176	1700	4.827	149.8	33.73	33.35	32.72	-0.383	-1.01	0
15	2003	176	1715	5.462	145.7	33.85	33.46	32.84	-0.392	-1.015	0
15	2003	176	1730	6.051	148.9	34.15	33.73	33.03	-0.416	-1.117	0
15	2003	176	1745	6.152	136.1	34.05	33.67	32.99	-0.386	-1.064	0
15	2003	176	1800	6.743	148.7	33.88	33.57	32.95	-0.31	-0.927	0
15	2003	176	1815	6.433	141.9	33.59	33.32	32.77	-0.275	-0.823	0
15	2003	176	1830	7.26	131.8	32.82	32.63	32.12	-0.184	-0.7	0
15	2003	176	1845	7.18	135.5	32.31	32.21	31.81	-0.097	-0.505	0
15	2003	176	1900	6.922	133.9	31.83	31.82	31.48	-0.01	-0.346	0
15	2003	176	1915	6.795	129.7	31.33	31.41	31.15	0.08	-0.176	0
15	2003	176	1930	6.433	126.4	30.97	31.08	30.88	0.111	-0.086	0
15	2003	176	1945	5.792	121.8	30.73	30.87	30.74	0.143	0.009	0
15	2003	176	2000	5.446	125.9	30.55	30.7	30.63	0.143	0.077	0
15	2003	176	2015	4.914	119.9	30.2	30.4	30.4	0.207	0.2	0
15	2003	176	2030	4.478	116.6	29.81	30.04	30.15	0.228	0.339	0
15	2003	176	2045	4.785	120.3	29.59	29.83	30.02	0.239	0.429	0
15	2003	176	2100	6.618	134.1	29.86	30.01	29.95	0.157	0.093	0
15	2003	176	2115	6.905	149.8	29.42	29.5	29.25	0.082	-0.167	0
15	2003	176	2130	7.36	155.5	28.45	28.5	28.21	0.05	-0.239	0
15	2003	176	2145	6.949	159.1	27.78	27.83	27.59	0.053	-0.191	0
15	2003	176	2200	6.892	162.9	27.56	27.62	27.38	0.054	-0.184	0
15	2003	176	2215	6.529	162.1	27.32	27.39	27.18	0.073	-0.143	0
15	2003	176	2230	6.875	157.1	27.14	27.21	27.02	0.072	-0.12	0
15	2003	176	2245	6.15	154.6	26.9	27	26.82	0.104	-0.074	0
15	2003	176	2300	6.43	159	26.81	26.92	26.79	0.11	-0.017	0
15	2003	176	2315	6.585	162.2	26.74	26.86	26.75	0.119	0.01	0
15	2003	176	2330	5.676	156.8	26.59	26.73	26.71	0.146	0.12	0
15	2003	176	2345	4.644	155.5	26.17	26.34	26.32	0.177	0.155	0
15	2003	176	2400	4.172	125.7	25.65	25.88	26.07	0.228	0.422	0
24	2003	176	2400	1813	13.54	1608	24	426	35.33	1609	-1.791
15	2003	177	15	4.445	135.8	25.46	25.7	26.2	0.236	0.737	0
15	2003	177	30	5.062	156.9	25.56	25.76	26.03	0.196	0.473	0
15	2003	177	45	4.782	154.8	25.33	25.52	25.7	0.196	0.369	0
15	2003	177	100	4.538	145.9	25.2	25.37	25.5	0.175	0.3	0
15	2003	177	115	5.77	132.2	24.59	24.72	24.98	0.13	0.391	0
15	2003	177	130	5.391	141	24.21	24.32	24.63	0.118	0.423	0
15	2003	177	145	5.341	129.1	23.57	23.67	23.94	0.1	0.37	0

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15	2003	177	200	4.816	130.7	23.31	23.44	23.73	0.126	0.418	0
15	2003	177	215	4.775	129.2	23.26	23.4	23.79	0.139	0.529	0
15	2003	177	230	4.541	129.6	23.12	23.3	23.98	0.182	0.865	0
15	2003	177	245	4.249	130.1	23.14	23.34	24.26	0.205	1.126	0
15	2003	177	300	4.659	119	23.09	23.28	23.91	0.19	0.816	0
15	2003	177	315	5.936	108.2	23.11	23.24	23.33	0.125	0.217	0
15	2003	177	330	5.198	108.8	23.12	23.23	23.32	0.113	0.2	0
15	2003	177	345	5.855	104	22.26	22.32	22.38	0.062	0.124	0
15	2003	177	400	6.146	108.5	22.44	22.52	22.64	0.088	0.206	0
15	2003	177	415	5.784	111.3	22.51	22.62	22.62	0.109	0.109	0
15	2003	177	430	5.986	105.4	22.27	22.36	22.26	0.087	-0.01	0
15	2003	177	445	5.253	91.8	21.76	21.82	21.76	0.062	0.004	0
15	2003	177	500	5.006	87.9	21.55	21.57	21.6	0.022	0.046	0
15	2003	177	515	5.383	78.5	21.8	21.83	21.82	0.028	0.026	0
15	2003	177	530	5.899	80.3	22.23	22.22	22.12	-0.008	-0.108	0
15	2003	177	545	6.446	74.9	22.59	22.52	22.25	-0.07	-0.338	0
15	2003	177	600	6.805	70.4	22.33	22.22	21.78	-0.109	-0.549	0
15	2003	177	615	6.704	70.7	22.16	21.93	21.39	-0.225	-0.767	0
15	2003	177	630	6.842	69.63	22.54	22.27	21.66	-0.266	-0.877	0
15	2003	177	645	7.96	74.6	23.17	22.76	21.99	-0.412	-1.182	0
15	2003	177	700	8.29	76.2	23.2	22.84	22.12	-0.363	-1.081	0
15	2003	177	715	8.23	76.4	23.63	23.13	22.3	-0.504	-1.337	0
15	2003	177	730	9.24	79.2	23.88	23.28	22.38	-0.597	-1.493	0
15	2003	177	745	9.62	84.4	24.22	23.62	22.64	-0.602	-1.58	0
15	2003	177	800	9.45	78	24.68	24.04	23.03	-0.637	-1.651	0
15	2003	177	815	9.94	78.5	24.93	24.22	23.16	-0.717	-1.774	0
15	2003	177	830	9.64	71.2	24.64	24	22.92	-0.638	-1.717	0
15	2003	177	845	9.25	68.04	24.32	23.63	22.53	-0.684	-1.791	0
15	2003	177	900	8.68	69.53	24.08	23.49	22.5	-0.59	-1.582	0
15	2003	177	915	8.88	63.32	23.36	22.98	22.14	-0.389	-1.225	0
15	2003	177	930	8.76	56.62	23.11	22.64	21.79	-0.468	-1.323	0
15	2003	177	945	9.02	61.48	23.46	22.7	21.54	-0.756	-1.915	0
15	2003	177	1000	9.19	62.02	23.41	22.67	21.62	-0.741	-1.789	0
15	2003	177	1015	9.28	58.6	23.55	22.69	21.38	-0.857	-2.167	0
15	2003	177	1030	9.9	62.8	23.5	22.5	21.18	-1.003	-2.318	0
15	2003	177	1045	10.05	65.67	23.8	22.6	21.13	-1.203	-2.678	0
15	2003	177	1100	9.64	67.08	23.55	22.49	20.96	-1.058	-2.585	0
15	2003	177	1115	9.22	70.1	23.7	22.63	21.15	-1.066	-2.545	0

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15	2003	177	1130	9.71	73.3	23.63	22.64	21.24	-0.988	-2.388	0
15	2003	177	1145	8.91	64.34	23.3	22.39	21.08	-0.913	-2.217	0
15	2003	177	1200	8.93	64.98	23.15	22.17	20.73	-0.972	-2.418	0
15	2003	177	1215	9.11	65.83	22.64	21.61	20.12	-1.027	-2.516	0
15	2003	177	1230	9.48	72	22.65	21.55	20.14	-1.102	-2.516	0
15	2003	177	1245	9.05	84	23.34	22.16	20.7	-1.18	-2.637	0
15	2003	177	1300	9.08	76.2	23.12	22.02	20.64	-1.103	-2.477	0
15	2003	177	1315	8.9	75.7	23.57	22.45	21.03	-1.121	-2.543	0
15	2003	177	1330	9.68	82	23.59	22.69	21.51	-0.902	-2.078	0
15	2003	177	1345	8.91	84.8	23.74	22.93	21.85	-0.81	-1.888	0
15	2003	177	1400	8.74	85	24.03	23.27	22.25	-0.757	-1.778	0
15	2003	177	1415	8.98	85.7	23.95	23.21	22.13	-0.741	-1.823	0
15	2003	177	1430	9.02	88.8	23.92	23.17	22.2	-0.75	-1.719	0
15	2003	177	1445	8.55	81.4	23.53	22.85	21.8	-0.683	-1.735	0
15	2003	177	1500	8.03	83.8	23.71	22.96	21.93	-0.757	-1.78	0
15	2003	177	1515	7.79	86.3	24.32	23.37	22.29	-0.952	-2.033	0
15	2003	177	1530	6.588	83.5	24.54	23.76	22.6	-0.779	-1.936	0
15	2003	177	1545	6.835	71.6	24.02	23.33	22.42	-0.692	-1.596	0
15	2003	177	1600	6.248	80.7	23.63	23.06	22.15	-0.567	-1.481	0
15	2003	177	1615	6.37	67.07	23.18	22.7	21.86	-0.486	-1.328	0
15	2003	177	1630	4.578	73	23.22	22.78	21.96	-0.441	-1.254	0
15	2003	177	1645	4.412	67.32	23.07	22.62	21.91	-0.453	-1.165	0
15	2003	177	1700	5.344	74.1	23.15	22.72	21.91	-0.431	-1.241	0
15	2003	177	1715	5.739	77.6	23.26	22.75	21.83	-0.509	-1.424	0
15	2003	177	1730	5.508	84.7	22.91	22.54	21.76	-0.372	-1.152	0
15	2003	177	1745	6.46	90.7	22.84	22.36	21.63	-0.48	-1.204	0
15	2003	177	1800	6.099	91.8	22.81	22.39	21.65	-0.419	-1.165	0
15	2003	177	1815	6.517	96.9	22.28	21.9	21.26	-0.378	-1.021	0
15	2003	177	1830	6.144	89.4	21.78	21.57	20.91	-0.206	-0.873	0
15	2003	177	1845	6.383	87.7	21.23	21.02	20.43	-0.21	-0.799	0
15	2003	177	1900	6.092	86.2	20.85	20.7	20.18	-0.152	-0.673	0
15	2003	177	1915	5.87	79.8	20.58	20.45	19.98	-0.127	-0.597	0
15	2003	177	1930	5.382	83.4	20.41	20.3	19.87	-0.115	-0.542	0
15	2003	177	1945	4.388	84.9	20.29	20.2	19.81	-0.09	-0.487	0
15	2003	177	2000	4.418	82.4	20.39	20.26	19.84	-0.127	-0.552	0
15	2003	177	2015	4.408	76.4	20.69	20.5	20.02	-0.188	-0.669	0
15	2003	177	2030	6.22	79.1	20.78	20.59	20.08	-0.196	-0.703	0
15	2003	177	2045	5.622	82.6	20.77	20.59	20.07	-0.184	-0.706	0

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15	2003	177	2100	4.966	79.6	20.84	20.65	20.13	-0.194	-0.714	0
15	2003	177	2115	5.607	85.4	20.59	20.45	19.95	-0.141	-0.642	0
15	2003	177	2130	5.19	81.5	20.45	20.31	19.86	-0.136	-0.591	0
15	2003	177	2145	4.718	88.3	20.36	20.21	19.75	-0.141	-0.603	0
15	2003	177	2200	5.426	92.5	20.24	20.08	19.58	-0.167	-0.659	0
15	2003	177	2215	5.374	93.5	20.21	20.03	19.51	-0.184	-0.695	0
15	2003	177	2230	5.878	94	20.14	19.97	19.46	-0.176	-0.685	0
15	2003	177	2245	5.971	94.6	20.14	19.96	19.44	-0.175	-0.698	0
15	2003	177	2300	5.954	92.8	20.02	19.84	19.32	-0.186	-0.7	0
15	2003	177	2315	5.926	94.8	19.93	19.75	19.24	-0.178	-0.688	0
15	2003	177	2330	5.915	98.6	19.92	19.74	19.24	-0.182	-0.682	0
15	2003	177	2345	6.281	101.9	19.88	19.71	19.2	-0.173	-0.686	0
15	2003	177	2400	5.7	99	19.86	19.68	19.19	-0.177	-0.677	0
24	2003	177	2400	816	16.85	17	19.58	2359	26.04	17	-1.717
15	2003	178	15	5.35	95.1	19.8	19.64	19.15	-0.163	-0.651	0
15	2003	178	30	5.487	91.7	19.74	19.57	19.09	-0.171	-0.656	0
15	2003	178	45	5.495	91.5	19.73	19.55	19.07	-0.173	-0.661	0
15	2003	178	100	5.163	91	19.67	19.5	19	-0.175	-0.672	0
15	2003	178	115	5.249	93.8	19.62	19.45	18.95	-0.174	-0.67	0
15	2003	178	130	4.549	96	19.57	19.4	18.91	-0.176	-0.666	0
15	2003	178	145	5.033	100.4	19.54	19.35	18.86	-0.185	-0.68	0
15	2003	178	200	5.52	99.9	19.42	19.25	18.76	-0.171	-0.658	0
15	2003	178	215	5.27	99.5	19.36	19.18	18.7	-0.176	-0.656	0
15	2003	178	230	5.316	106.6	19.28	19.1	18.62	-0.177	-0.662	0
15	2003	178	245	5.116	107	19.23	19.05	18.56	-0.18	-0.667	0
15	2003	178	300	4.849	113.9	19.23	19.05	18.58	-0.175	-0.651	0
15	2003	178	315	4.714	111.9	19.22	19.04	18.56	-0.182	-0.661	0
15	2003	178	330	4.746	107.1	19.2	19.03	18.56	-0.173	-0.634	0
15	2003	178	345	4.94	107.7	19.17	19	18.53	-0.164	-0.632	0
15	2003	178	400	4.33	115.3	19.15	18.98	18.5	-0.17	-0.647	0
15	2003	178	415	3.822	125.9	19.11	18.94	18.48	-0.163	-0.63	0
15	2003	178	430	3.722	129.1	19.09	18.91	18.45	-0.181	-0.646	0
15	2003	178	445	3.886	127.1	19.06	18.89	18.43	-0.173	-0.633	0
15	2003	178	500	4.012	134.9	19	18.82	18.35	-0.179	-0.642	0
15	2003	178	515	3.651	127.3	19.02	18.82	18.31	-0.199	-0.706	0
15	2003	178	530	3.594	127.1	19	18.77	18.25	-0.229	-0.748	0
15	2003	178	545	3.605	127.5	19.04	18.81	18.31	-0.234	-0.729	0
15	2003	178	600	3.645	120.9	19.15	18.89	18.37	-0.256	-0.774	0

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15	2003	178	615	3.483	129.2	19.52	19.18	18.56	-0.347	-0.962	0
15	2003	178	630	3.402	125.6	19.64	19.29	18.7	-0.348	-0.938	0
15	2003	178	645	3.363	128.4	19.73	19.37	18.84	-0.356	-0.885	0
15	2003	178	700	3.213	127.6	20.12	19.74	19.09	-0.376	-1.024	0
15	2003	178	715	3.098	135.1	20.23	19.85	19.26	-0.376	-0.965	0
15	2003	178	730	2.918	127.9	20.22	19.89	19.31	-0.336	-0.915	0
15	2003	178	745	2.621	133.1	20.17	19.86	19.35	-0.31	-0.822	0
15	2003	178	800	2.206	138	20.27	19.96	19.42	-0.307	-0.851	0
15	2003	178	815	2.644	113.2	20.38	20.09	19.53	-0.291	-0.851	0
15	2003	178	830	2.921	95.7	20.5	20.16	19.55	-0.346	-0.958	0
15	2003	178	845	3.334	110.3	20.86	20.35	19.75	-0.516	-1.115	0
15	2003	178	900	3.258	119.9	21.06	20.57	19.87	-0.487	-1.188	0
15	2003	178	915	3.134	120.7	21.21	20.71	20.01	-0.5	-1.194	0
15	2003	178	930	3.414	128.1	21.38	20.88	20.18	-0.496	-1.202	0
15	2003	178	945	3.626	140	21.57	21.01	20.3	-0.562	-1.271	0
15	2003	178	1000	3.583	145.9	21.69	21.13	20.48	-0.562	-1.21	0
15	2003	178	1015	3.123	152.6	21.83	21.34	20.67	-0.483	-1.154	0
15	2003	178	1030	3.691	148.4	21.77	21.31	20.68	-0.462	-1.09	0
15	2003	178	1045	3.77	140.3	21.78	21.29	20.61	-0.488	-1.174	0
15	2003	178	1100	3.568	134.4	22.42	21.74	21.02	-0.681	-1.401	0
15	2003	178	1115	3.65	130	23.34	22.45	21.53	-0.889	-1.807	0
15	2003	178	1130	3.667	134.2	23.82	22.94	21.98	-0.876	-1.833	0
15	2003	178	1145	4.939	139.6	24.06	23.06	22.15	-1.003	-1.91	0
15	2003	178	1200	4.811	141.4	24.78	23.7	22.63	-1.087	-2.159	0
15	2003	178	1215	4.256	148	25.41	24.3	23.34	-1.116	-2.079	0
15	2003	178	1230	4.271	150.8	25.77	24.64	23.59	-1.137	-2.18	0
15	2003	178	1245	4.889	161.2	26.39	25.09	24.06	-1.3	-2.328	0
15	2003	178	1300	4.472	173.9	26.63	25.49	24.28	-1.148	-2.352	0
15	2003	178	1315	4.195	174.7	26.84	25.74	24.57	-1.102	-2.269	0
15	2003	178	1330	5.702	147.5	27.12	25.88	24.78	-1.238	-2.344	0
15	2003	178	1345	5.359	140.1	27.57	26.26	25.11	-1.31	-2.465	0
15	2003	178	1400	5.057	173.9	27.79	26.63	25.69	-1.167	-2.102	0
15	2003	178	1415	4.264	174.4	27.76	26.71	25.82	-1.052	-1.937	0
15	2003	178	1430	4.975	173.1	28.16	27.08	26.04	-1.085	-2.126	0
15	2003	178	1445	4.804	157.8	28.17	27.17	26.09	-1.005	-2.084	0
15	2003	178	1500	4.965	196.7	28.54	27.64	26.51	-0.901	-2.023	0
15	2003	178	1515	4.898	182.4	28.3	27.47	26.65	-0.836	-1.654	0
15	2003	178	1530	4.381	148.1	28.35	27.58	26.76	-0.771	-1.584	0

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15	2003	178	1545	3.561	152.6	28.21	27.6	26.81	-0.608	-1.405	0
15	2003	178	1600	4.031	169.9	28.23	27.68	26.89	-0.556	-1.341	0
15	2003	178	1615	5.345	171.4	28.08	27.52	26.77	-0.558	-1.304	0
15	2003	178	1630	4.828	172.2	27.91	27.4	26.71	-0.504	-1.192	0
15	2003	178	1645	4.898	163.4	27.81	27.34	26.66	-0.47	-1.152	0
15	2003	178	1700	4.939	165	27.79	27.37	26.75	-0.42	-1.046	0
15	2003	178	1715	4.555	166.3	27.95	27.53	26.93	-0.414	-1.022	0
15	2003	178	1730	4.733	166.1	27.9	27.56	26.98	-0.346	-0.925	0
15	2003	178	1745	4.648	156.7	27.82	27.58	27.01	-0.239	-0.81	0
15	2003	178	1800	5.464	143.6	27.69	27.51	26.99	-0.178	-0.699	0
15	2003	178	1815	5.138	147.7	27.68	27.57	27.13	-0.109	-0.549	0
15	2003	178	1830	5.35	151	27.6	27.54	27.13	-0.064	-0.47	0
15	2003	178	1845	5.111	145.7	27.49	27.49	27.13	-0.003	-0.36	0
15	2003	178	1900	5.185	147.9	27.41	27.43	27.1	0.014	-0.309	0
15	2003	178	1915	4.971	142.3	27.21	27.26	26.96	0.047	-0.247	0
15	2003	178	1930	4.536	144.9	27.05	27.12	26.86	0.068	-0.194	0
15	2003	178	1945	3.867	146.6	26.86	26.97	26.78	0.109	-0.081	0
15	2003	178	2000	4.515	153.4	26.73	26.82	26.66	0.091	-0.069	0
15	2003	178	2015	4.88	153.3	26.65	26.73	26.54	0.08	-0.104	0
15	2003	178	2030	5.2	145.9	26.55	26.64	26.44	0.086	-0.109	0
15	2003	178	2045	5.506	151.4	26.49	26.56	26.35	0.074	-0.133	0
15	2003	178	2100	5.506	145.6	26.4	26.45	26.22	0.056	-0.178	0
15	2003	178	2115	6.124	142.7	26.23	26.26	25.99	0.035	-0.233	0
15	2003	178	2130	6.912	148.6	26	26.01	25.73	0.014	-0.269	0
15	2003	178	2145	6.152	144.6	25.82	25.83	25.54	0.02	-0.272	0
15	2003	178	2200	5.068	133.5	25.61	25.67	25.43	0.057	-0.185	0
15	2003	178	2215	6.106	141	25.54	25.56	25.29	0.029	-0.249	0
15	2003	178	2230	5.883	140.4	25.44	25.47	25.18	0.036	-0.261	0
15	2003	178	2245	5.242	139.4	25.28	25.34	25.08	0.054	-0.202	0
15	2003	178	2300	5.054	139.8	25.16	25.21	24.96	0.053	-0.199	0
15	2003	178	2315	5.748	147.9	25.08	25.1	24.8	0.022	-0.274	0
15	2003	178	2330	5.495	150.8	24.95	24.97	24.68	0.027	-0.265	0
15	2003	178	2345	5.432	155.2	24.86	24.88	24.6	0.024	-0.264	0
15	2003	178	2400	5.917	157.5	24.76	24.79	24.5	0.029	-0.268	0
24	2003	178	2400	2126	12.99	1447	18.65	521	28.17	1447	-1.987
15	2003	179	15	6.367	159.8	24.65	24.66	24.37	0.009	-0.281	0
15	2003	179	30	6.173	155.9	24.52	24.54	24.24	0.021	-0.276	0
15	2003	179	45	5.922	156.1	24.39	24.41	24.11	0.023	-0.282	0

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15	2003	179	100	5.852	160.7	24.26	24.28	23.99	0.019	-0.27	0
15	2003	179	115	5.933	155	24.09	24.11	23.84	0.028	-0.244	0
15	2003	179	130	5.539	151.7	23.93	23.95	23.68	0.02	-0.254	0
15	2003	179	145	4.592	166.6	23.73	23.79	23.54	0.06	-0.187	0
15	2003	179	200	4.114	168.2	23.46	23.54	23.38	0.089	-0.072	0
15	2003	179	215	4.583	179.9	23.3	23.4	23.3	0.095	0	0
15	2003	179	230	3.593	173	23.12	23.31	23.33	0.194	0.215	0
15	2003	179	245	2.756	168.1	22.46	22.97	23.43	0.504	0.973	0
15	2003	179	300	2.42	170.6	22.22	22.88	23.55	0.661	1.331	0
15	2003	179	315	3.039	151.1	21.82	22.65	23.62	0.838	1.807	0
15	2003	179	330	3.541	164.2	21.79	22.49	23.51	0.697	1.717	0
15	2003	179	345	3.999	174.8	21.88	22.36	23.21	0.482	1.333	0
15	2003	179	400	3.812	183.1	21.6	21.97	22.57	0.369	0.965	0
15	2003	179	415	2.766	178.7	20.93	21.53	22.39	0.602	1.462	0
15	2003	179	430	2.907	155.2	20.14	21.22	22.26	1.076	2.122	0
15	2003	179	445	2.826	149.7	19.72	20.79	22.27	1.065	2.549	0
15	2003	179	500	3.134	132.5	19.37	20.43	22.26	1.059	2.893	0
15	2003	179	515	2.495	126.6	19.39	20.2	22.09	0.816	2.702	0
15	2003	179	530	1.95	126.4	19.63	20.19	22.03	0.561	2.396	0
15	2003	179	545	2.323	135.7	20.46	20.78	22.09	0.319	1.627	0
15	2003	179	600	2.497	124.7	21.46	21.38	22.17	-0.075	0.708	0
15	2003	179	615	2.53	139.1	22.26	22.02	21.97	-0.242	-0.292	0
15	2003	179	630	2.967	141.1	22.86	22.55	22.32	-0.31	-0.548	0
15	2003	179	645	3.15	151	23.67	23.28	22.68	-0.389	-0.988	0
15	2003	179	700	3.307	168.8	24.41	23.88	23.22	-0.527	-1.188	0
15	2003	179	715	2.905	173.5	24.93	24.41	23.69	-0.514	-1.238	0
15	2003	179	730	3.296	177.1	25.41	24.78	24.06	-0.629	-1.351	0
15	2003	179	745	3.51	199	25.79	25.16	24.38	-0.627	-1.408	0
15	2003	179	800	2.924	194.9	26.09	25.53	24.73	-0.559	-1.357	0
15	2003	179	815	2.574	181.8	26.4	25.79	25.06	-0.618	-1.349	0
15	2003	179	830	2.176	202.5	26.75	26.19	25.44	-0.563	-1.313	0
15	2003	179	845	2.44	200	27.11	26.48	25.73	-0.631	-1.384	0
15	2003	179	900	2.165	190.3	27.27	26.72	26.04	-0.556	-1.237	0
15	2003	179	915	2.819	153.8	28.03	27.29	26.41	-0.739	-1.617	0
15	2003	179	930	3.591	178.6	28.6	27.64	26.66	-0.958	-1.943	0
15	2003	179	945	3.017	184.4	28.9	27.98	27.16	-0.924	-1.745	0
15	2003	179	1000	3.018	178.3	29.36	28.61	27.56	-0.745	-1.792	0
15	2003	179	1015	2.95	166	29.46	28.71	27.78	-0.752	-1.676	0

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15	2003	179	1030	3.906	187	30.06	29.03	28.12	-1.027	-1.936	0
15	2003	179	1045	2.85	168.3	30.64	29.54	28.67	-1.1	-1.971	0
15	2003	179	1100	3.419	166.4	31.02	29.96	29.2	-1.059	-1.817	0
15	2003	179	1115	3.88	190.2	31.39	30.28	29.35	-1.109	-2.037	0
15	2003	179	1130	3.733	194	31.68	30.67	29.78	-1.009	-1.9	0
15	2003	179	1145	4.045	184.4	32.4	31.31	30.22	-1.095	-2.182	0
15	2003	179	1200	4.652	197.2	32.75	31.56	30.59	-1.181	-2.16	0
15	2003	179	1215	4.952	184.8	33.1	31.89	30.81	-1.21	-2.292	0
15	2003	179	1230	4.635	176	32.91	31.91	30.89	-1.007	-2.022	0
15	2003	179	1245	4.905	165.5	33.32	32.18	31.16	-1.144	-2.162	0
15	2003	179	1300	4.921	175.3	33.42	32.36	31.3	-1.062	-2.113	0
15	2003	179	1315	4.855	180.5	33.76	32.65	31.38	-1.114	-2.384	0
15	2003	179	1330	5.041	188.4	33.85	32.66	31.63	-1.191	-2.216	0
15	2003	179	1345	5.275	165.3	33.96	32.86	31.87	-1.104	-2.092	0
15	2003	179	1400	5.186	179.5	34.51	33.32	32.25	-1.192	-2.26	0
15	2003	179	1415	5.59	182.8	34.53	33.33	32.18	-1.196	-2.345	0
15	2003	179	1430	5.673	177.4	34.24	33.09	31.99	-1.142	-2.247	0
15	2003	179	1445	5.508	176	34.33	33.23	32.09	-1.098	-2.237	0
15	2003	179	1500	4.77	154.9	34.23	33.23	32.19	-1.002	-2.035	0
15	2003	179	1515	5.677	158.9	34.44	33.47	32.41	-0.972	-2.029	0
15	2003	179	1530	5.569	165.9	34.26	33.31	32.32	-0.955	-1.942	0
15	2003	179	1545	5.072	146.3	34.38	33.54	32.58	-0.844	-1.805	0
15	2003	179	1600	5.552	157.1	34.55	33.58	32.61	-0.962	-1.932	0
15	2003	179	1615	5.286	169.7	33.62	32.97	32.23	-0.649	-1.381	0
15	2003	179	1630	4.743	157.4	33.53	32.94	32.21	-0.589	-1.312	0
15	2003	179	1645	4.996	171.3	33.25	32.77	32.09	-0.48	-1.165	0
15	2003	179	1700	5.409	167.2	33.3	32.84	32.12	-0.467	-1.179	0
15	2003	179	1715	5.535	153.5	33.8	33.15	32.28	-0.647	-1.515	0
15	2003	179	1730	6.485	166.1	33.69	33.12	32.36	-0.575	-1.333	0
15	2003	179	1745	6.239	166.4	33.02	32.69	32.09	-0.338	-0.936	0
15	2003	179	1800	5.288	153.9	32.48	32.4	31.99	-0.073	-0.483	0
15	2003	179	1815	6.063	156.5	32.39	32.29	31.85	-0.107	-0.544	0
15	2003	179	1830	6.23	153.6	32.12	32.05	31.63	-0.073	-0.488	0
15	2003	179	1845	8.76	160.1	31.18	31.14	30.74	-0.045	-0.441	0
15	2003	179	1900	8.38	172.3	29.99	29.96	29.62	-0.023	-0.369	0
15	2003	179	1915	7.84	170.9	29.68	29.71	29.4	0.029	-0.284	0
15	2003	179	1930	6.458	170.4	29.24	29.31	29.07	0.07	-0.17	0
15	2003	179	1945	5.807	173.6	28.98	29.08	28.91	0.1	-0.065	0

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15	2003	179	2000	5.283	170.6	28.76	28.89	28.75	0.128	-0.011	0
15	2003	179	2015	4.554	174.3	28.43	28.6	28.56	0.178	0.13	0
15	2003	179	2030	4.227	173.7	27.96	28.19	28.21	0.236	0.255	0
15	2003	179	2045	3.838	168.3	27.47	27.76	27.92	0.293	0.452	0
15	2003	179	2100	3.372	159.7	26.97	27.38	27.73	0.414	0.762	0
15	2003	179	2115	3.116	151.3	26.42	26.98	27.69	0.557	1.262	0
15	2003	179	2130	3.197	142.7	25.84	26.51	27.5	0.675	1.662	0
15	2003	179	2145	3.83	146.3	25.59	26.19	27.31	0.602	1.721	0
15	2003	179	2200	4.589	156.6	25.96	26.36	27.2	0.399	1.232	0
15	2003	179	2215	5.107	158.3	26.09	26.43	26.92	0.337	0.829	0
15	2003	179	2230	4.791	160.7	25.81	26.11	26.44	0.3	0.631	0
15	2003	179	2245	4.127	162.5	25.43	25.77	26.13	0.338	0.702	0
15	2003	179	2300	3.521	164.2	25.04	25.43	25.99	0.388	0.955	0
15	2003	179	2315	3.424	162	24.74	25.17	25.73	0.436	0.988	0
15	2003	179	2330	3.803	162.6	24.57	25.01	25.59	0.444	1.028	0
15	2003	179	2345	4.176	159.2	24.56	24.9	25.42	0.341	0.859	0
15	2003	179	2400	3.962	141.3	24.77	25.06	25.24	0.298	0.474	0
24	2003	179	2400	1355	16.77	1355	20	504	34.35	1503	-1.766
15	2003	180	15	3.695	121.7	24.06	24.39	24.8	0.334	0.741	0
15	2003	180	30	3.902	122.6	23.56	23.9	24.53	0.343	0.972	0
15	2003	180	45	3.911	133.7	23.52	23.86	24.2	0.336	0.673	0
15	2003	180	100	4.14	136.1	23.49	23.75	24.04	0.254	0.553	0
15	2003	180	115	4.587	125.8	23.24	23.52	23.98	0.282	0.749	0
15	2003	180	130	4.991	124.6	23.16	23.39	23.83	0.23	0.665	0
15	2003	180	145	5.118	130.9	23.17	23.34	23.53	0.17	0.363	0
15	2003	180	200	4.202	141.8	22.85	23.04	23.47	0.19	0.623	0
15	2003	180	215	4.255	141.1	22.65	22.87	23.41	0.226	0.767	0
15	2003	180	230	4.461	135	22.38	22.61	23.17	0.224	0.788	0
15	2003	180	245	4.41	123.6	22.11	22.32	23	0.217	0.89	0
15	2003	180	300	4.723	125	21.96	22.19	22.87	0.231	0.905	0
15	2003	180	315	4.971	129	21.89	22.1	22.68	0.213	0.795	0
15	2003	180	330	5.19	131.9	22	22.21	22.66	0.208	0.657	0
15	2003	180	345	5.199	126.4	21.81	21.97	22.3	0.16	0.481	0
15	2003	180	400	4.933	124.4	21.59	21.76	21.99	0.17	0.396	0
15	2003	180	415	4.697	119.6	21.33	21.52	21.81	0.186	0.476	0
15	2003	180	430	5.138	116.8	21.28	21.44	21.69	0.157	0.407	0
15	2003	180	445	5.497	118.5	21.18	21.32	21.49	0.147	0.315	0
15	2003	180	500	5.596	121.3	21.02	21.15	21.32	0.134	0.295	0

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15	2003	180	515	5.051	122.9	21.05	21.14	21.19	0.095	0.14	0
15	2003	180	530	4.742	128.1	21.22	21.26	21.2	0.035	-0.022	0
15	2003	180	545	5.037	112.7	21.28	21.29	21.06	0.009	-0.213	0
15	2003	180	600	5.255	121.2	21.54	21.45	21.11	-0.089	-0.426	0
15	2003	180	615	5.717	122.3	21.95	21.76	21.28	-0.191	-0.672	0
15	2003	180	630	5.984	120.5	22.32	22.1	21.62	-0.216	-0.693	0
15	2003	180	645	6.01	123.5	23.22	22.82	22.13	-0.399	-1.092	0
15	2003	180	700	5.747	124.2	23.81	23.36	22.62	-0.451	-1.191	0
15	2003	180	715	5.877	123.9	24.3	23.8	22.99	-0.5	-1.305	0
15	2003	180	730	5.859	127.5	24.3	23.74	23	-0.563	-1.308	0
15	2003	180	745	5.753	137.5	24.54	24.06	23.33	-0.476	-1.209	0
15	2003	180	800	5.42	138.1	25.54	24.78	23.82	-0.754	-1.72	0
15	2003	180	815	5.267	131.5	25.76	25.01	24.19	-0.748	-1.576	0
15	2003	180	830	4.621	132.8	26.19	25.48	24.75	-0.706	-1.434	0
15	2003	180	845	4.512	137.8	26.74	25.96	25.18	-0.784	-1.565	0
15	2003	180	900	4.673	131.4	27.21	26.38	25.64	-0.827	-1.573	0
15	2003	180	915	4.548	128.9	28.5	27.42	26.4	-1.08	-2.102	0
15	2003	180	930	4.654	128.1	29.17	28.14	27.19	-1.029	-1.979	0
15	2003	180	945	5.327	128.1	29.89	28.77	27.85	-1.121	-2.042	0
15	2003	180	1000	6.379	128.8	30.7	29.53	28.26	-1.161	-2.436	0
15	2003	180	1015	6.158	127.1	30.67	29.41	28.32	-1.255	-2.353	0
15	2003	180	1030	5.997	133	30.66	29.42	28.21	-1.244	-2.449	0
15	2003	180	1045	6.314	125	30.92	29.58	28.41	-1.338	-2.505	0
15	2003	180	1100	6	115.2	31.29	29.97	28.8	-1.314	-2.487	0
15	2003	180	1115	6.636	134.2	31.77	30.22	29.14	-1.553	-2.628	0
15	2003	180	1130	6.436	148.1	31.96	30.49	29.35	-1.469	-2.601	0
15	2003	180	1145	7.67	134	32.1	30.5	29.22	-1.609	-2.884	0
15	2003	180	1200	6.724	147.5	32.06	30.68	29.35	-1.379	-2.715	0
15	2003	180	1215	6.267	124.1	31.87	30.5	29.37	-1.37	-2.494	0
15	2003	180	1230	5.831	138.7	31.95	30.69	29.53	-1.263	-2.426	0
15	2003	180	1245	6.451	124.2	32.48	31.07	29.97	-1.412	-2.518	0
15	2003	180	1300	5.867	148.6	32.74	31.52	30.16	-1.213	-2.581	0
15	2003	180	1315	5.433	130.8	32.47	31.21	30.24	-1.268	-2.235	0
15	2003	180	1330	5.192	141.7	33.12	31.75	30.67	-1.37	-2.449	0
15	2003	180	1345	5.59	128.2	33	31.72	30.59	-1.281	-2.417	0
15	2003	180	1400	5.554	130.7	33.57	32.23	30.99	-1.343	-2.584	0
15	2003	180	1415	5.936	133.2	33.22	32.06	30.94	-1.154	-2.277	0
15	2003	180	1430	5.575	139.2	33.39	32.34	31.14	-1.053	-2.249	0

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15	2003	180	1445	5.217	116.8	33.18	32.16	31.32	-1.022	-1.862	0
15	2003	180	1500	5.968	135.1	33.7	32.59	31.4	-1.108	-2.301	0
15	2003	180	1515	4.856	146.4	33.78	32.81	31.59	-0.965	-2.188	0
15	2003	180	1530	4.636	138.8	33.66	32.79	31.81	-0.869	-1.854	0
15	2003	180	1545	5.12	145.4	33.25	32.43	31.47	-0.825	-1.787	0
15	2003	180	1600	4.979	147.1	33.43	32.69	31.78	-0.744	-1.652	0
15	2003	180	1615	5.136	167.2	33.8	32.87	31.9	-0.937	-1.903	0
15	2003	180	1630	4.813	162.4	33.6	32.69	31.76	-0.91	-1.842	0
15	2003	180	1645	5.437	128.5	33.37	32.53	31.74	-0.839	-1.628	0
15	2003	180	1700	3.448	145.1	33.32	32.76	31.86	-0.559	-1.468	0
15	2003	180	1715	5.272	137.6	33.21	32.6	31.83	-0.608	-1.379	0
15	2003	180	1730	5.614	137.1	33.29	32.65	31.8	-0.639	-1.49	0
15	2003	180	1745	5.804	151.1	32.4	32.02	31.41	-0.38	-0.989	0
15	2003	180	1800	5.472	134.8	32.05	31.84	31.3	-0.207	-0.753	0
15	2003	180	1815	8.12	126.5	29.03	29.37	29.44	0.34	0.411	0
15	2003	180	1830	8	85.2	23.03	23.31	22.7	0.275	-0.331	2.286
15	2003	180	1845	6.413	80.9	22.81	23.12	22.84	0.314	0.033	0.254
15	2003	180	1900	10.03	94.5	22.27	22.61	22.2	0.338	-0.07	0
15	2003	180	1915	6.666	104.1	22.54	22.82	22.43	0.283	-0.104	0
15	2003	180	1930	6.816	109.5	22.78	22.97	22.8	0.195	0.02	0
15	2003	180	1945	7.94	114.6	22.62	22.79	22.65	0.168	0.027	0
15	2003	180	2000	11.2	109.2	21.85	21.94	21.67	0.094	-0.181	0
15	2003	180	2015	9.53	111.8	21.93	22.06	21.84	0.13	-0.084	0
15	2003	180	2030	8.55	111.9	21.57	21.65	21.38	0.082	-0.191	0
15	2003	180	2045	7.73	105.6	20.39	20.39	20.06	0	-0.339	0
15	2003	180	2100	6.205	116.1	19.95	19.97	19.68	0.015	-0.276	0
15	2003	180	2115	5.069	134.9	19.47	19.47	19.21	-0.003	-0.254	0
15	2003	180	2130	5.728	141.5	19.54	19.55	19.32	0.007	-0.222	0
15	2003	180	2145	6.939	139.8	19.82	19.87	19.77	0.048	-0.045	0
15	2003	180	2200	6.898	84.6	20.29	20.33	20.09	0.04	-0.196	0
15	2003	180	2215	8.44	47.02	19.98	20.03	19.76	0.044	-0.224	0
15	2003	180	2230	8.51	21.9	17.81	17.89	17.82	0.079	0.006	0.762
15	2003	180	2245	7.97	35.89	17.51	17.65	17.74	0.142	0.235	1.27
15	2003	180	2300	8.75	41.94	17.53	17.7	18.12	0.171	0.591	1.524
15	2003	180	2315	9.32	59.99	17.58	17.76	18.36	0.18	0.784	3.556
15	2003	180	2330	8.86	63	17.55	17.69	18.04	0.141	0.496	3.81
15	2003	180	2345	8.22	42.06	17.66	17.83	18.41	0.174	0.752	1.778
15	2003	180	2400	5.835	46.28	17.85	18.13	19.06	0.28	1.21	1.016

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24	2003	180	2400	2212	27.1	1358	17.45	2238	33.66	1600	-1.987
15	2003	181	15	4.955	66.14	17.88	18.1	18.73	0.223	0.847	0.762
15	2003	181	30	7.29	125	17.87	18.22	19.46	0.35	1.588	0.254
15	2003	181	45	8.73	138	18.44	18.84	19.98	0.394	1.539	0
15	2003	181	100	7.87	126.3	18.44	18.72	19.25	0.28	0.802	0
15	2003	181	115	5.21	129.4	18.84	19.13	19.41	0.296	0.578	0
15	2003	181	130	3.146	113.7	19.03	19.29	19.47	0.258	0.441	0
15	2003	181	145	1.731	43.71	19.12	19.45	19.58	0.326	0.457	0
15	2003	181	200	1.57	247.7	18.92	19.59	19.92	0.676	1.001	0
15	2003	181	215	2.408	211.2	18.75	19.31	20	0.557	1.246	0
15	2003	181	230	1.194	313.8	18.7	18.97	19.29	0.266	0.587	0
15	2003	181	245	1.964	354	18.24	18.7	19.04	0.46	0.805	0
15	2003	181	300	2.459	353.3	18.29	18.63	19.19	0.342	0.901	0
15	2003	181	315	2.264	0.288	18.16	18.47	18.97	0.304	0.801	0
15	2003	181	330	2.99	14.97	18.23	18.53	18.95	0.296	0.717	0
15	2003	181	345	3.391	23.14	18.17	18.44	18.68	0.275	0.51	0
15	2003	181	400	3.49	31.27	18.18	18.43	18.52	0.251	0.34	0
15	2003	181	415	3.213	39.44	17.98	18.2	18.36	0.222	0.379	0
15	2003	181	430	2.31	34.8	17.84	18.11	18.61	0.27	0.771	0
15	2003	181	445	1.962	22.57	17.69	18.27	19.07	0.583	1.378	0
15	2003	181	500	2.067	38.55	17.5	18.15	18.92	0.648	1.418	0
15	2003	181	515	2.412	21.16	17.55	17.95	18.26	0.406	0.718	0
15	2003	181	530	2.861	43.69	17.86	18.1	18.52	0.238	0.657	0
15	2003	181	545	2.617	48.52	18.35	18.37	18.48	0.017	0.127	0
15	2003	181	600	3.295	53.95	18.83	18.77	18.47	-0.059	-0.365	0
15	2003	181	615	3.63	58.6	19.13	19.02	18.62	-0.114	-0.508	0
15	2003	181	630	3.848	61.85	19.51	19.38	18.92	-0.136	-0.591	0
15	2003	181	645	3.838	65.35	19.96	19.77	19.22	-0.19	-0.739	0
15	2003	181	700	3.786	68.82	20.48	20.26	19.68	-0.229	-0.809	0
15	2003	181	715	3.644	64.11	20.97	20.72	20.14	-0.25	-0.828	0
15	2003	181	730	3.357	64.55	21.44	21.14	20.51	-0.296	-0.933	0
15	2003	181	745	3.064	63.26	21.9	21.54	20.91	-0.363	-0.997	0
15	2003	181	800	3.021	56.35	22.18	21.85	21.22	-0.327	-0.959	0
15	2003	181	815	2.067	65	22.47	22.07	21.46	-0.393	-1.008	0
15	2003	181	830	1.592	68.68	22.68	22.36	21.82	-0.315	-0.861	0
15	2003	181	845	2.235	58.3	22.85	22.54	21.91	-0.31	-0.936	0
15	2003	181	900	2.958	91.5	23.32	22.88	22.28	-0.44	-1.038	0
15	2003	181	915	1.804	110.5	23.65	23.25	22.61	-0.397	-1.041	0

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15	2003	181	930	2.685	124.1	24.13	23.6	22.92	-0.536	-1.213	0
15	2003	181	945	2.334	103.7	24.19	23.77	22.97	-0.419	-1.224	0
15	2003	181	1000	2.45	89.9	24.43	23.88	23.21	-0.542	-1.216	0
15	2003	181	1015	1.939	58.18	24.6	24.14	23.67	-0.459	-0.932	0
15	2003	181	1030	2.034	100.1	25.04	24.62	23.9	-0.425	-1.146	0
15	2003	181	1045	2.243	115.8	25.65	25.11	24.34	-0.54	-1.31	0
15	2003	181	1100	2.553	128.7	25.84	25.23	24.5	-0.609	-1.342	0
15	2003	181	1115	1.953	131.3	26.5	25.94	25.2	-0.554	-1.293	0
15	2003	181	1130	2.266	150.2	26.56	25.99	25.27	-0.571	-1.29	0
15	2003	181	1145	2.447	153.8	26.85	26.17	25.46	-0.671	-1.383	0
15	2003	181	1200	2.338	160.3	27.44	26.77	26.07	-0.663	-1.365	0
15	2003	181	1215	2.3	142.2	27.4	26.93	26.27	-0.472	-1.135	0
15	2003	181	1230	2.856	122.9	28.16	27.48	26.44	-0.686	-1.72	0
15	2003	181	1245	3.146	151.3	28.53	27.8	26.88	-0.732	-1.648	0
15	2003	181	1300	2.966	150.7	28.65	27.95	27.08	-0.7	-1.571	0
15	2003	181	1315	3.588	183	29.14	28.39	27.56	-0.749	-1.578	0
15	2003	181	1330	3.526	183	29.35	28.54	27.64	-0.812	-1.712	0
15	2003	181	1345	3.479	123.2	29.47	28.76	27.81	-0.718	-1.661	0
15	2003	181	1400	2.72	161.6	29.46	28.69	27.82	-0.773	-1.644	0
15	2003	181	1415	1.76	169.9	29.09	28.73	28.09	-0.355	-0.999	0
15	2003	181	1430	2.631	174.4	29.87	29.28	28.42	-0.592	-1.453	0
15	2003	181	1445	3.153	223.8	30.09	29.5	28.7	-0.593	-1.389	0
15	2003	181	1500	3.693	169.8	30.25	29.64	28.76	-0.604	-1.491	0
15	2003	181	1515	2.693	203.1	29.92	29.47	28.82	-0.449	-1.1	0
15	2003	181	1530	3.573	172.6	30.6	29.91	29.01	-0.696	-1.598	0
15	2003	181	1545	2.614	130.9	30.18	29.68	28.86	-0.503	-1.327	0
15	2003	181	1600	2.319	211.4	30.23	29.8	29.1	-0.432	-1.135	0
15	2003	181	1615	2.759	167.4	30.49	29.98	29.19	-0.514	-1.303	0
15	2003	181	1630	3.107	163.4	30.48	29.82	29.07	-0.665	-1.416	0
15	2003	181	1645	3.167	165.5	30.1	29.59	28.96	-0.506	-1.146	0
15	2003	181	1700	3.25	173.8	30.19	29.58	28.87	-0.609	-1.32	0
15	2003	181	1715	2.817	157.3	29.69	29.29	28.72	-0.404	-0.974	0
15	2003	181	1730	2.225	145.4	29.68	29.31	28.82	-0.365	-0.857	0
15	2003	181	1745	2.297	150.2	29.73	29.42	28.87	-0.314	-0.86	0
15	2003	181	1800	3.078	168.6	29.66	29.36	28.83	-0.303	-0.832	0
15	2003	181	1815	3.297	159.2	29.42	29.12	28.65	-0.299	-0.771	0
15	2003	181	1830	2.989	178.2	29.06	28.86	28.45	-0.199	-0.605	0
15	2003	181	1845	2.926	168	28.71	28.69	28.41	-0.015	-0.298	0

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15	2003	181	1900	3.304	160.4	28.1	28.4	28.3	0.291	0.198	0
15	2003	181	1915	3.256	157.6	27.56	27.96	28.1	0.401	0.543	0
15	2003	181	1930	3.147	151.8	27.05	27.51	27.75	0.458	0.704	0
15	2003	181	1945	2.986	141.5	26.62	27.07	27.42	0.449	0.8	0
15	2003	181	2000	2.501	138.7	26.07	26.79	27.36	0.724	1.294	0
15	2003	181	2015	2.622	145.3	25.52	26.37	27.15	0.855	1.632	0
15	2003	181	2030	2.698	145.6	25.36	26.04	26.76	0.678	1.393	0
15	2003	181	2045	2.325	128.4	24.61	25.6	26.56	0.986	1.948	0
15	2003	181	2100	2.253	123.5	23.95	25.53	26.7	1.579	2.75	0
15	2003	181	2115	2.189	129.9	23.56	25.39	26.63	1.833	3.071	0
15	2003	181	2130	1.874	131.4	23.34	25.19	26.35	1.849	3.005	0
15	2003	181	2145	2.114	124.7	22.94	24.43	25.9	1.486	2.962	0
15	2003	181	2200	3.878	126.9	23.68	24.17	24.86	0.497	1.181	0
15	2003	181	2215	4.364	134.7	23.72	23.99	24.08	0.269	0.364	0
15	2003	181	2230	3.978	140.6	23.61	23.83	24.02	0.222	0.416	0
15	2003	181	2245	4.047	145.5	23.38	23.62	23.9	0.24	0.514	0
15	2003	181	2300	4.256	137.7	23.04	23.26	23.55	0.215	0.509	0
15	2003	181	2315	4.28	134.3	22.71	22.91	23.18	0.2	0.465	0
15	2003	181	2330	4.986	135.8	22.8	22.94	23.04	0.145	0.24	0
15	2003	181	2345	4.996	136.7	22.58	22.76	22.97	0.172	0.389	0
15	2003	181	2400	4.87	137	22.49	22.64	22.84	0.155	0.349	0
24	2003	181	2400	41	17.71	1526	17.87	512	30.46	1450	-1.251