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DateTime	WIND_DIR_162	WIND_SPEED_162	WIND_DIR_33	WIND_SPEED_33	DELTA_T
2002-01-01 01:00	50.2	6.861	58.92	3.808	-0.346
2002-01-01 02:00	47.04	7.63	46.38	4.26	-0.414
2002-01-01 03:00	40.26	8.06	40.73	5.647	-0.762
2002-01-01 04:00	42.05	8.45	38.43	6.235	-0.839
2002-01-01 05:00	35.21	9.41	32.06	7.1	-0.868
2002-01-01 06:00	40.02	9.2	40.65	6.779	-0.865
2002-01-01 07:00	47.63	6.565	42.1	4.852	-0.893
2002-01-01 08:00	46.87	5.458	43.07	4.39	-0.96
2002-01-01 09:00	61.97	6.586	59.46	4.795	-1.028
2002-01-01 10:00	50.83	12.71	45.08	9.89	-1.122
2002-01-01 11:00	54.59	10.28	47.17	8.49	-1.148
2002-01-01 12:00	47.73	10.66	43.95	8.1	-1.123
2002-01-01 13:00	15.07	8.88	13.04	6.974	-1.209
2002-01-01 14:00	13.48	9.4	17.59	7.48	-1.114
2002-01-01 15:00	16.71	10.4	13.58	8.71	-0.956
2002-01-01 16:00	7.91	10.37	3.62	7.98	-0.847
2002-01-01 17:00	15.87	10.36	14.77	8.01	-0.723
2002-01-01 18:00	16.81	8.72	12.28	6.861	-0.706
2002-01-01 19:00	16.19	10.1	15.66	7.79	-0.707
2002-01-01 20:00	24.87	9.19	25.58	7.27	-0.706
2002-01-01 21:00	30.97	7.3	28.78	5.791	-0.686
2002-01-01 22:00	24.22	8.07	21.61	5.712	-0.67
2002-01-01 23:00	7.83	11	7.5	7.92	-0.692
2002-01-02 00:00	1.581	12.46	359.5	8.7	-0.763
2002-01-02 01:00	10.27	8.14	10.31	5.969	-0.8
2002-01-02 02:00	9.67	9.37	9.7	6.887	-0.828
2002-01-02 03:00	14.66	7.97	11.78	5.883	-0.85
2002-01-02 04:00	5.836	5.728	5.963	4.099	-0.852
2002-01-02 05:00	1.336	7.11	2.569	5.158	-0.87
2002-01-02 06:00	2.059	8.22	4.163	5.741	-0.875
2002-01-02 07:00	355.7	7.39	0.059	5.355	-0.892
2002-01-02 08:00	351.5	10.44	353.5	6.836	-0.949
2002-01-02 09:00	0.944	9.96	358.4	7.22	-1.075
2002-01-02 10:00	349.1	10.61	349.5	7.46	-1.317
2002-01-02 11:00	347.2	10.46	352	7.84	-1.33
2002-01-02 12:00	340.8	11.78	342.9	8.61	-1.541
2002-01-02 13:00	336.7	11.65	340.8	7.92	-1.504
2002-01-02 14:00	337	12.02	340.2	8.46	-1.322
2002-01-02 15:00	333.4	12.2	340.1	8.36	-1.22
2002-01-02 16:00	337.3	12.93	342.7	8.1	-0.902
2002-01-02 17:00	341.9	13.51	343.4	8.21	-0.548
2002-01-02 18:00	335.7	13.11	340.4	7.57	-0.496
2002-01-02 19:00	350.5	10.17	355.9	6.398	-0.525
2002-01-02 20:00	339.4	10.26	347.5	6.098	-0.561
2002-01-02 21:00	347.5	12.72	353.8	8.16	-0.636
2002-01-02 22:00	349.2	11.18	355.7	7.22	-0.644
2002-01-02 23:00	344.3	13.37	347.7	8.22	-0.711
2002-01-03 00:00	339.1	16.01	344.5	9.39	-0.845
2002-01-03 01:00	353.5	12.32	355.9	7.9	-0.88
2002-01-03 02:00	342.6	8.51	347.8	5.043	-0.747
2002-01-03 03:00	342.1	7.23	350.9	4.096	-0.579
2002-01-03 04:00	325.8	8.56	328.4	4.228	-0.531
2002-01-03 05:00	322.5	7.67	329.7	3.397	-0.489
2002-01-03 06:00	325	8.19	339	3.566	-0.454

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2002-01-03 07:00	325.9	7.33	344.7	3.366	-0.433	27.3	58.27	0
2002-01-03 08:00	317.2	6.14	331.2	3.137	-0.689	26.57	59.39	0
2002-01-03 09:00	332.6	9.83	333.1	6.004	-1.245	27.26	53.94	0
2002-01-03 10:00	337.1	8.81	339.2	6.065	-1.473	28.98	50.58	0
2002-01-03 11:00	330.3	8.76	328.9	6.381	-1.532	31.38	43.74	0
2002-01-03 12:00	327.2	11.97	325.2	8.08	-1.644	32.99	36.14	0
2002-01-03 13:00	345.5	11.78	350.8	8.93	-1.422	34.04	33.73	0
2002-01-03 14:00	347.7	11.43	352.8	8.71	-1.433	34.89	32.97	0
2002-01-03 15:00	349.6	11.14	352.7	8.24	-1.286	35.26	33.2	0
2002-01-03 16:00	344.1	10.61	350.9	7.43	-0.982	35.48	34.05	0
2002-01-03 17:00	334.1	9.2	337.6	5.652	-0.653	35.19	35.2	0
2002-01-03 18:00	339.4	7.11	355.8	3.362	-0.169	34.15	37.93	0
2002-01-03 19:00	4.329	6.119	42.22	2.55	1.12	32.23	41.6	0
2002-01-03 20:00	352.8	6.345	38.22	2.297	2.097	31.07	44.83	0
2002-01-03 21:00	0.311	5.594	56.75	2.331	3.497	29.13	51.39	0
2002-01-03 22:00	49.23	8.2	61.03	2.853	2.624	28.36	54.54	0
2002-01-03 23:00	62.63	9.29	71.5	3.166	1.397	28.62	50.84	0
2002-01-04 00:00	85.3	8.42	111.1	2.645	2.773	26.43	56.83	0
2002-01-04 01:00	103	4.716	102.3	2.01	2.95	25.54	59.6	0
2002-01-04 02:00	111	5.363	94.7	1.809	4.145	24.04	64.36	0
2002-01-04 03:00	144.2	6.811	95.3	1.418	6.199	21.52	75.1	0
2002-01-04 04:00	144.9	7.28	90.6	0.975	7.78	19.91	81.7	0
2002-01-04 05:00	136.9	9.08	115.5	2.899	7.17	20.95	76.4	0
2002-01-04 06:00	152	8.62	110.8	2.076	8.81	18.73	83.2	0
2002-01-04 07:00	151.6	7.12	94.9	1.352	8.84	17.78	87.1	0
2002-01-04 08:00	137.9	8.24	101.8	1.462	9.34	17.8	87.2	0
2002-01-04 09:00	125.2	8.73	132.9	3.53	1.749	24.73	71.4	0
2002-01-04 10:00	132.5	6.707	148.6	5.256	-1.136	30.02	58.17	0
2002-01-04 11:00	125.2	6.268	129.5	4.979	-1.238	35.09	42.37	0
2002-01-04 12:00	139.3	5.84	154.5	5.271	-1.068	38.68	35.32	0
2002-01-04 13:00	162.8	5.804	173.2	4.785	-0.855	41.53	28.87	0
2002-01-04 14:00	263.5	3.891	264.7	3.509	-0.604	43.77	27.67	0
2002-01-04 15:00	259.6	5.614	262.4	4.78	-0.528	45.43	25.51	0
2002-01-04 16:00	272.7	4.77	274	3.949	-0.323	46.05	24.71	0
2002-01-04 17:00	250.3	4.012	237.2	2.717	-0.08	45.21	30.04	0
2002-01-04 18:00	224.2	1.662	108.1	1.34	0.568	43.51	32.21	0
2002-01-04 19:00	205.1	3.463	84.8	1.317	4.384	39.32	38	0
2002-01-04 20:00	181.9	4.931	133.1	1.896	4.496	38.57	38.97	0
2002-01-04 21:00	165.1	8.93	111.2	2.699	5.246	36.88	40.58	0
2002-01-04 22:00	165.3	10.11	120.6	2.861	4.171	35.76	42.44	0
2002-01-04 23:00	149.8	12.17	108.9	3.558	2.847	35.12	43.35	0
2002-01-05 00:00	142.9	15.83	97.2	5.274	3.067	35.02	44.88	0
2002-01-05 01:00	139.4	16.15	99.2	5.554	3.288	33.25	45.7	0
2002-01-05 02:00	137.1	19.9	104.8	6.994	2.472	32.37	49.49	0
2002-01-05 03:00	130.2	18.73	109.1	6.331	0.837	32.31	54.79	0
2002-01-05 04:00	126	16.54	120.1	5.541	0.237	33.25	58.65	0
2002-01-05 05:00	127	16.36	127.9	5.169	0.278	35.12	62.63	0
2002-01-05 06:00	120.4	15.23	104.6	4.431	-0.005	35.3	65.58	0
2002-01-05 07:00	117.2	15.02	112.2	4.501	0.043	36.1	61.28	0
2002-01-05 08:00	111.7	14.74	94.1	5.217	0.077	36.87	57.5	0
2002-01-05 09:00	109.1	13.93	92.8	5.596	-0.152	39.62	55.04	0
2002-01-05 10:00	103.8	11.58	92.9	5.125	-0.258	42.35	57.73	0
2002-01-05 11:00	105.9	10.9	100.6	5.044	-0.183	44.74	60.23	0
2002-01-05 12:00	108.8	10.46	95.4	4.455	-0.031	44.49	74.6	0.02
2002-01-05 13:00	110.5	11.36	101.3	4.477	-0.072	43.98	85.6	0.02
2002-01-05 14:00	110.4	10.25	103.2	4.279	-0.147	44.36	90.9	0.04

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2002-01-05 15:00	109.3	10.4	100.3	4.301	-0.092	45.21	94.1	0.04
2002-01-05 16:00	106.2	9.1	93	4.254	-0.05	45.6	95.5	0.08
2002-01-05 17:00	99.9	12.04	84.4	5.62	0.087	46.36	96	0.12
2002-01-05 18:00	100.2	15.02	87	7.29	0.136	47.77	95.8	0.12
2002-01-05 19:00	107.4	12.73	99.6	6.096	0.212	48.84	95.9	0.18
2002-01-05 20:00	101	8.46	85.7	3.593	0.232	49.48	95.9	0.03
2002-01-05 21:00	60.61	3.533	353.5	2.043	0.29	49.31	96	0.06
2002-01-05 22:00	285.3	10.06	275.8	5.566	0.187	47.41	97	0.09
2002-01-05 23:00	303.3	11.61	289.9	5.882	-0.197	43.27	97.1	0.07
2002-01-06 00:00	293.8	13.51	281.1	6.872	-0.265	42.57	96.9	0.03
2002-01-06 01:00	281.7	14.87	271.2	8.87	-0.273	41.9	96.1	0.05
2002-01-06 02:00	280.1	18.85	271.1	11.25	-0.394	40.73	95.4	0.02
2002-01-06 03:00	289.1	17.26	276.7	9.15	-0.356	40.03	93.9	0
2002-01-06 04:00	296.2	16.43	283.3	8.28	-0.378	39.79	94.8	0
2002-01-06 05:00	299.6	17.55	286.9	8.68	-0.382	39.57	94.9	0
2002-01-06 06:00	302.5	15.88	290.3	7.36	-0.353	39.41	94.5	0.01
2002-01-06 07:00	304.5	14.29	293	6.896	-0.325	39.61	93	0
2002-01-06 08:00	306.3	11.97	293.1	5.485	-0.258	39.95	90.7	0
2002-01-06 09:00	315.1	10.72	307.7	5.253	-0.292	40.37	88.6	0
2002-01-06 10:00	312.6	9.67	309.7	4.835	-0.366	40.62	86	0
2002-01-06 11:00	311.2	9.64	303.1	4.764	-0.463	41.05	83.3	0
2002-01-06 12:00	310.2	8.55	300.6	4.572	-0.562	42.21	79.7	0
2002-01-06 13:00	304.7	8.7	296	4.83	-0.583	43.69	75.8	0
2002-01-06 14:00	310	7.55	305.9	4.348	-0.573	45.53	72.7	0
2002-01-06 15:00	303.3	6.37	296.7	4.612	-0.475	47.29	68.37	0
2002-01-06 16:00	256.8	6.626	257.4	5.17	-0.231	49.19	64.71	0
2002-01-06 17:00	239.1	6.706	237.4	4.402	0.123	49.83	62.86	0
2002-01-06 18:00	202.4	6.52	153.4	1.943	2.067	48.37	66.82	0
2002-01-06 19:00	196.9	9.15	182.4	3.135	1.732	47.36	68.49	0
2002-01-06 20:00	211	11.2	213.8	4.773	1.299	46.69	69.89	0
2002-01-06 21:00	320	13.74	321.2	6.772	0.177	43.91	80.8	0
2002-01-06 22:00	315.7	12.35	310.2	6.075	0.143	43.63	81	0
2002-01-06 23:00	340.4	9.92	345.2	5.301	0.009	42.52	80	0
2002-01-07 00:00	331.6	6.482	343	2.158	0.333	41.31	84.1	0
2002-01-07 01:00	312.8	10.09	301.4	4.017	0.397	41.21	75.1	0
2002-01-07 02:00	311.2	10.09	304.9	4.599	0.033	41.12	73	0
2002-01-07 03:00	326.4	10.09	329.3	5.021	-0.169	40.3	71.6	0
2002-01-07 04:00	342.4	10.4	348	6.705	-0.382	38.45	74.6	0
2002-01-07 05:00	313.4	8.86	304.5	3.872	-0.215	38.52	71.9	0
2002-01-07 06:00	299.7	12.32	287.1	5.947	-0.316	38.09	74.2	0
2002-01-07 07:00	315.4	10.14	308.4	4.782	-0.316	37.11	72.3	0
2002-01-07 08:00	316.5	9.4	312.1	4.199	-0.242	36.03	67.2	0
2002-01-07 09:00	329.3	13.07	335.1	7.35	-0.793	35.54	65.43	0
2002-01-07 10:00	341.6	13.12	348	9.02	-1.043	35.74	59.81	0
2002-01-07 11:00	340.9	8.84	350.1	6.96	-1.088	36.51	57.98	0
2002-01-07 12:00	333.4	9.03	339	6.655	-1.284	37.53	56.82	0
2002-01-07 13:00	347	9.99	350.2	7.88	-1.05	38.14	54.07	0
2002-01-07 14:00	346.3	10.24	350	7.81	-1.061	38.96	50.85	0
2002-01-07 15:00	346.8	10.95	354.9	8.52	-0.975	39.23	51.32	0
2002-01-07 16:00	352.2	9.41	353.7	6.891	-0.786	38.59	53.18	0
2002-01-07 17:00	17.86	7.32	19.1	5.957	-0.546	38.1	54.56	0
2002-01-07 18:00	43.21	6.877	46.09	3.64	0.084	36.13	59.76	0
2002-01-07 19:00	64.09	7.26	91.3	2.048	1.621	33.65	64.36	0
2002-01-07 20:00	99	7.29	97.9	2.4	1.562	32.88	65.87	0
2002-01-07 21:00	98.5	7.78	96.3	2.381	2.367	31.95	67.82	0
2002-01-07 22:00	111.3	10.25	97.9	2.262	2.208	30.34	73.2	0

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2002-01-07 23:00	121.5	10.99	116.7	2.917	2.278	29.2	77.4	0
2002-01-08 00:00	146.3	11.64	125.9	4.074	2.377	28.66	80.1	0
2002-01-08 01:00	145.7	11.14	117.8	3.971	2.462	29.23	77.5	0
2002-01-08 02:00	157.5	10.09	124.1	4	3.844	28.34	79.5	0
2002-01-08 03:00	157.2	9.21	120.6	2.962	3.525	27.24	82.9	0
2002-01-08 04:00	162	8.44	108.9	2.631	3.12	27.82	80.6	0
2002-01-08 05:00	172.5	8.56	118.7	1.853	2.918	27.15	81.5	0
2002-01-08 06:00	168.6	8.32	118.9	2.618	2.52	27.94	78.5	0
2002-01-08 07:00	173.7	9.06	129.4	2.02	3.323	26.69	81.8	0
2002-01-08 08:00	167.9	10.13	129.7	4.086	1.798	29.46	74	0
2002-01-08 09:00	167.8	8.09	153.8	4.441	-0.193	31.56	72.9	0
2002-01-08 10:00	177.4	7.44	161.2	4.747	-0.594	34.34	72.1	0
2002-01-08 11:00	200.9	9.28	207.5	7.6	-0.953	40.25	56.23	0
2002-01-08 12:00	199.6	8.92	202.4	7.17	-1.013	44.69	47.1	0
2002-01-08 13:00	193.2	9.55	199.1	7.44	-0.773	48.03	40.45	0
2002-01-08 14:00	194.3	9.24	194	7.33	-0.504	51.22	36.13	0
2002-01-08 15:00	204.6	9.51	204.4	7.66	-0.229	54.1	32.16	0
2002-01-08 16:00	234.5	8.6	233	6.735	0.055	54.69	33.2	0
2002-01-08 17:00	237.9	7.4	228.8	5.169	0.389	52.53	38.62	0
2002-01-08 18:00	234	8.7	232.4	4.107	1.26	49.73	42.84	0
2002-01-08 19:00	208.3	10.73	204	3.976	1.829	49.27	41.58	0
2002-01-08 20:00	188.2	11.09	175	4.923	1.303	48.87	41.35	0
2002-01-08 21:00	189.5	10.91	173.9	5.561	1.145	47.78	46.47	0
2002-01-08 22:00	194	10.77	182.2	4.829	1.132	47.46	52.81	0
2002-01-08 23:00	195.1	10.1	182.5	4.989	0.929	46.79	57.84	0
2002-01-09 00:00	195.2	9.05	173	4.159	0.985	45.73	62.92	0
2002-01-09 01:00	191.8	9.37	164.9	4.577	1.017	44.85	67.96	0
2002-01-09 02:00	196.4	9.33	170.3	3.99	1.141	44.45	73.1	0
2002-01-09 03:00	196.8	9.41	167.7	3.812	1.21	44.33	76.8	0
2002-01-09 04:00	200.1	9.25	186.6	3.787	1.062	45.28	78.5	0
2002-01-09 05:00	198.1	8.61	163	3.496	1.63	44.9	81.5	0
2002-01-09 06:00	195.5	10.28	165.7	4.532	1.65	44.67	83.6	0
2002-01-09 07:00	191.2	10.62	162.4	4.997	1.72	44.64	85.3	0
2002-01-09 08:00	183.8	10.83	160.7	5.537	1.303	44.95	86	0
2002-01-09 09:00	197.9	9.06	182.5	4.83	0.701	48.53	81.4	0
2002-01-09 10:00	215.9	11.02	215.6	7.57	0.232	55.89	70.3	0
2002-01-09 11:00	249	7.57	249.5	5.785	0.888	59.57	67.38	0
2002-01-09 12:00	248.7	7.96	246.8	6.921	1.278	61.41	67.21	0
2002-01-09 13:00	243.1	9.8	240.9	8.56	1.348	65.65	62.18	0
2002-01-09 14:00	245.1	9.51	243.1	7.1	3.04	62.73	59.67	0
2002-01-09 15:00	242.6	7.09	241.8	3.832	NaN	67.32	59.71	0
2002-01-09 16:00	212.7	8.77	213.3	6.789	-0.627	68.04	58.03	0
2002-01-09 17:00	207	13.27	208.4	8.6	-0.796	67.46	56.75	0
2002-01-09 18:00	190.7	11.17	185.9	5.279	-0.14	65.54	60.06	0
2002-01-09 19:00	182.3	12.42	175.8	6.422	-0.054	64.05	63.02	0
2002-01-09 20:00	175.8	13.31	172.3	7.18	-0.101	62.59	65.64	0
2002-01-09 21:00	178.8	13.61	175.6	6.959	-0.144	61.14	68.71	0
2002-01-09 22:00	178.4	13.41	177.6	6.755	-0.216	59.84	72.2	0
2002-01-09 23:00	179.3	12.67	180.9	6.396	-0.283	58.45	75.9	0
2002-01-10 00:00	181.5	13.02	178.6	6.931	-0.321	57.54	78.5	0
2002-01-10 01:00	179.9	12.14	179.4	6.584	-0.378	56.68	80.1	0
2002-01-10 02:00	182.5	11.93	180.9	5.938	-0.293	56.19	82	0
2002-01-10 03:00	178.3	12.83	175.9	7.04	-0.444	56.05	83.7	0
2002-01-10 04:00	177.1	11.82	177.9	6.191	-0.424	55.41	85.5	0
2002-01-10 05:00	177.6	10.87	172.8	5.936	-0.292	54.8	87.1	0
2002-01-10 06:00	177.9	11.18	171.8	5.848	-0.213	55.04	86.8	0

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2002-01-10 07:00	178	12.56	172.5	7.07	-0.336	56.14	84.7	0
2002-01-10 08:00	176.7	12.66	170.6	7.24	-0.368	56.33	84.8	0
2002-01-10 09:00	192.1	13.6	187	7.95	-0.659	59.51	78.9	0
2002-01-10 10:00	191	13.16	186.4	8.18	-0.994	62.15	73.1	0
2002-01-10 11:00	188.5	11.69	183.4	7.64	-1.337	64.9	67.63	0
2002-01-10 12:00	204	16.64	205.4	11.93	-1.498	68.55	58.87	0
2002-01-10 13:00	217.5	18.08	220.8	12.35	-1.486	70.6	53.17	0
2002-01-10 14:00	225.7	20.01	230.6	13.2	-1.534	71.7	51.08	0
2002-01-10 15:00	224.7	14.91	231.2	10.04	-0.959	70.5	54.5	0
2002-01-10 16:00	206.7	12.71	211.9	8.79	-0.899	70.5	55.65	0
2002-01-10 17:00	187	10.72	187.5	6.151	-0.593	69.86	56.81	0
2002-01-10 18:00	185.1	9.79	181.4	4.39	-0.117	68.48	58.97	0
2002-01-10 19:00	193.7	9	185.1	4.131	-0.246	68.12	59.69	0
2002-01-10 20:00	194	10.06	188.2	5.021	-0.321	67.72	61.02	0
2002-01-10 21:00	201.2	9.76	198	5.012	-0.399	67.14	63.42	0
2002-01-10 22:00	204.6	9.89	200.2	5.458	-0.457	66.65	65.98	0
2002-01-10 23:00	205.9	9.08	203.9	5.129	-0.482	66.02	69.3	0
2002-01-11 00:00	213	7.85	207.7	4.421	-0.439	65.39	72.3	0
2002-01-11 01:00	217.1	9.15	216.1	5.352	-0.418	64.91	75.7	0
2002-01-11 02:00	230.4	10.62	237.1	5.598	-0.35	64.16	78.5	0
2002-01-11 03:00	253.6	10.43	263.8	4.988	-0.332	62.97	81.5	0
2002-01-11 04:00	320.4	9	319.3	4.269	-0.675	61.1	85.3	0
2002-01-11 05:00	5.47	11.3	1.696	7.99	-0.903	57.12	85.3	0
2002-01-11 06:00	12.26	10.23	8.91	7.55	-0.886	56.41	73.6	0
2002-01-11 07:00	18.32	10.18	13.56	7.68	-0.909	55	72.5	0
2002-01-11 08:00	15.87	9.43	12.27	6.801	-0.906	53.6	71.6	0
2002-01-11 09:00	17.1	9.5	13.9	7.1	-0.925	52.76	72.6	0
2002-01-11 10:00	15.15	8.67	13.56	6.763	-1.081	52.85	71.5	0
2002-01-11 11:00	8.41	6.905	4.404	5.625	-1.137	53.29	70.1	0
2002-01-11 12:00	19.88	7.72	21.91	6.622	-1.137	53.9	68.58	0
2002-01-11 13:00	18.7	7.37	21.77	6.68	-1.196	55.45	64.85	0
2002-01-11 14:00	16.43	8.67	16.9	7.15	-1.265	56.53	61.23	0
2002-01-11 15:00	12.49	8.64	9.66	7.14	-1.283	57.09	59.46	0
2002-01-11 16:00	8.74	9.13	8.23	7.05	-1.181	56.95	56.4	0
2002-01-11 17:00	8.52	7.82	11.31	6.09	-0.958	56.43	54.03	0
2002-01-11 18:00	3.02	6.967	359.3	4.394	-0.754	54.55	57.59	0
2002-01-11 19:00	8.85	7.52	8.21	4.801	-0.746	53.2	58.21	0
2002-01-11 20:00	23.8	5.82	18.28	3.539	-0.767	52.34	59.71	0
2002-01-11 21:00	12.36	6.058	6.08	3.102	-0.571	51.56	61.58	0
2002-01-11 22:00	19.75	6.713	18.8	3.78	-0.681	51.1	62.37	0
2002-01-11 23:00	20.17	6.714	17.25	4.347	-0.789	50.54	61.77	0
2002-01-12 00:00	30.47	5.387	30.38	3.174	-0.747	49.94	61.65	0
2002-01-12 01:00	20.36	4.733	357.9	2.233	-0.522	49.07	62.77	0
2002-01-12 02:00	6.105	4.376	344.8	1.802	-0.59	48.49	65.23	0
2002-01-12 03:00	39.37	3.984	29.36	2.102	-0.78	48.52	64.29	0
2002-01-12 04:00	9.64	3.517	353.3	1.894	-0.828	48.24	65.16	0
2002-01-12 05:00	6.997	3.877	344.5	2.426	-0.904	47.96	64.94	0
2002-01-12 06:00	328.3	3.239	303.5	2.08	-0.913	47.67	65.27	0
2002-01-12 07:00	344.7	3.114	29.09	2.196	-0.754	47.12	68.52	0
2002-01-12 08:00	336.6	1.825	316.5	1.473	-0.445	46.55	72.3	0
2002-01-12 09:00	273.8	2.652	213	1.518	-0.283	46.2	78	0
2002-01-12 10:00	260.7	2.12	257.2	1.89	-1.076	47.52	70.5	0
2002-01-12 11:00	270.5	3.823	259.1	3.52	-1.372	51.09	56.35	0
2002-01-12 12:00	304.2	5.062	305.3	4.162	-1.509	54.33	47.07	0
2002-01-12 13:00	302.5	7.6	293.6	5.721	-1.538	57.17	38.82	0
2002-01-12 14:00	291.7	12.39	281	8.05	-1.823	58.56	36.59	0

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2002-01-12 15:00	293.8	12.01	282.2	7.85	-1.633	58.99	35.84	0
2002-01-12 16:00	295.1	10.98	279.4	6.933	-1.357	59.23	32.2	0
2002-01-12 17:00	312.2	8.99	303	5.013	-0.894	58.65	32.14	0
2002-01-12 18:00	320.6	8.24	331.2	2.882	-0.124	56.83	34.34	0
2002-01-12 19:00	330.7	5.18	37.3	1.991	2.024	54.01	38.19	0
2002-01-12 20:00	343.8	5.31	50.87	1.745	4.466	50.88	42.69	0
2002-01-12 21:00	334.5	4.502	110.4	1.276	5.829	48.36	47.87	0
2002-01-12 22:00	287.7	3.239	101.1	1.341	6.313	46.42	52.33	0
2002-01-12 23:00	288.3	5.151	54.47	1.071	5.433	45.85	55.49	0
2002-01-13 00:00	281.7	4.816	250.9	1.289	3.914	44.76	59.59	0
2002-01-13 01:00	250.6	8.24	279.3	1.326	3.464	43.41	63.02	0
2002-01-13 02:00	259.8	5.795	70.7	1.071	2.829	43.08	65.45	0
2002-01-13 03:00	236	5.801	115.7	1.013	2.403	42.65	67.25	0
2002-01-13 04:00	226.2	5.477	89	1.196	3.733	40.58	73.5	0
2002-01-13 05:00	225.4	3.843	81.1	1.447	6.844	37.4	80.7	0
2002-01-13 06:00	165.6	2.375	97.9	2.547	9.37	34.99	85.7	0
2002-01-13 07:00	35.24	6.781	92.3	2.63	11.71	32.58	89.7	0
2002-01-13 08:00	117.7	8.19	119.4	4.557	8.59	33.11	89.9	0
2002-01-13 09:00	118.1	8.27	126.3	3.711	1.725	39.36	77.5	0
2002-01-13 10:00	126.9	6.036	152.1	4.688	-1.229	46.34	63.66	0
2002-01-13 11:00	134.9	8.6	142.8	5.565	-1.744	52.9	50.05	0
2002-01-13 12:00	172.2	10.23	174.5	7.75	-1.676	57.49	38.73	0
2002-01-13 13:00	173.6	11.59	174	8.14	-1.848	60.17	33.25	0
2002-01-13 14:00	186.8	12.48	191.5	8.95	-1.677	61.36	30.6	0
2002-01-13 15:00	189.8	10.77	196.2	8.35	-1.574	62.78	30.78	0
2002-01-13 16:00	181.6	12.5	184	7.79	-1.359	62.87	31.03	0
2002-01-13 17:00	183.6	13.13	185.5	7.9	-0.903	61.1	33.93	0
2002-01-13 18:00	173.6	11.14	171.2	6.133	-0.245	58.27	37.67	0
2002-01-13 19:00	177.6	13.78	176.6	7.44	-0.222	56.51	43.31	0
2002-01-13 20:00	163.7	10.68	149	5.554	0.028	54.02	49.03	0
2002-01-13 21:00	174.1	12.37	168.3	7.28	-0.374	52.59	56.08	0
2002-01-13 22:00	171.1	14.75	166.5	9.14	-0.422	52.13	58.87	0
2002-01-13 23:00	173.5	15.95	170.6	9.56	-0.399	51.67	60.84	0
2002-01-14 00:00	170.1	13.32	163.4	7.91	-0.082	50.88	61.96	0
2002-01-14 01:00	162.5	10.8	150.4	5.095	0.412	48.73	66.3	0
2002-01-14 02:00	158.5	11.4	147.3	4.969	0.605	48.26	67.53	0
2002-01-14 03:00	169.8	10.1	150.6	4.526	0.654	49.12	70.6	0
2002-01-14 04:00	164.1	11.7	145	5.315	0.899	49.42	74.8	0
2002-01-14 05:00	167.7	10.98	145.1	5.083	0.814	49.85	78.2	0
2002-01-14 06:00	167.3	10.42	140.3	4.785	0.93	49.68	80.7	0
2002-01-14 07:00	183.1	11.59	160.8	5.346	0.746	50.67	81.4	0
2002-01-14 08:00	217.1	9.03	200.8	3.639	0.469	51.83	81.3	0
2002-01-14 09:00	260.4	10.3	259.3	5.69	-0.403	52.93	78.9	0
2002-01-14 10:00	286.4	11.87	278.4	6.964	-1.333	54.11	71.1	0
2002-01-14 11:00	293.6	7.1	274.4	5.324	-1.371	54.72	64.54	0
2002-01-14 12:00	294.9	6.764	283.4	5.268	-1.505	57.06	57.35	0
2002-01-14 13:00	321.8	7.74	323.1	6.282	-1.44	59.67	46.43	0
2002-01-14 14:00	348.6	8.36	357.3	6.809	-1.429	61.46	35	0
2002-01-14 15:00	296.8	8.13	283.1	5.912	-1.494	63.2	30.6	0
2002-01-14 16:00	311.2	10.76	303.8	5.43	-1.195	63.54	25.41	0
2002-01-14 17:00	304.4	8.7	289.5	3.875	-0.553	61.95	28.46	0
2002-01-14 18:00	287.5	6.068	0.995	1.44	1.277	58.25	34.18	0
2002-01-14 19:00	288.7	6.842	67.02	1.44	3.655	54.89	38.56	0
2002-01-14 20:00	304.4	7.37	40.58	1.112	3.838	52.57	43.38	0
2002-01-14 21:00	326.8	9.21	23.02	1.597	1.665	53.82	34.95	0
2002-01-14 22:00	319.9	6.92	209.8	1.119	2.776	51.61	35.6	0

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2002-01-14 23:00	287.6	3.431	91.9	1.12	4.164	48.84	39.71	0
2002-01-15 00:00	280.2	6.214	22.8	1.369	4.401	47.64	39.94	0
2002-01-15 01:00	315.4	7.79	17.89	1.509	3.684	46.39	41.86	0
2002-01-15 02:00	348.1	6.727	299.8	1.614	2.16	45.19	45.9	0
2002-01-15 03:00	352.5	7.33	335.9	1.987	1.617	44.12	49.22	0
2002-01-15 04:00	349.5	8	331.9	1.647	1.736	42.36	57.82	0
2002-01-15 05:00	4.81	8	17.47	3.02	1.332	42.48	52.37	0
2002-01-15 06:00	9.5	7.14	27.06	2.104	2.322	40.75	53.63	0
2002-01-15 07:00	5.839	6.481	12.53	0.943	4.304	37.56	63.27	0
2002-01-15 08:00	15.88	6.03	67.97	1.171	3.747	37.29	65.44	0
2002-01-15 09:00	27.11	6.797	340	2.697	1.217	40.59	64.36	0
2002-01-15 10:00	40.24	8.62	32.6	7.06	-1.159	46.28	45.27	0
2002-01-15 11:00	56.17	7.18	46.85	5.721	-1.449	49.09	39.39	0
2002-01-15 12:00	14.68	7.55	14.95	6.501	-1.459	51.27	33.55	0
2002-01-15 13:00	347.3	7.14	356.6	6.074	-1.423	52.92	31.71	0
2002-01-15 14:00	2.069	7.59	359.7	6.525	-1.311	54.3	28.43	0
2002-01-15 15:00	15.97	7.49	19.39	6.29	-1.421	55.61	27.5	0
2002-01-15 16:00	23.5	5.692	26.87	4.834	-1.16	56.4	26.4	0
2002-01-15 17:00	31.52	5.264	29.04	4.177	-0.933	56.35	25.33	0
2002-01-15 18:00	44.37	6.144	41.54	3.37	0.842	53.56	25.25	0
2002-01-15 19:00	28.42	7.41	48.66	3.107	1.598	51.12	30.33	0
2002-01-15 20:00	35.25	5.015	57.43	1.712	4.069	47.28	37.62	0
2002-01-15 21:00	65.71	3.854	67.25	1.516	6.158	44.79	41.25	0
2002-01-15 22:00	114.6	3.524	86.3	1.577	6.435	42.61	38.83	0
2002-01-15 23:00	98.9	7.63	102.3	2.278	6.188	41.2	46.29	0
2002-01-16 00:00	108.8	5.345	80.4	2.165	6.118	39.1	55.7	0
2002-01-16 01:00	105.4	5.742	136.8	2.112	6.952	35.96	64.53	0
2002-01-16 02:00	108.5	9.98	110.7	3.116	5.626	37.05	64.11	0
2002-01-16 03:00	117	10.98	110.6	2.615	5.824	36.17	67.85	0
2002-01-16 04:00	116.7	12.44	120.7	2.986	6.958	34.71	72.8	0
2002-01-16 05:00	117.5	13.62	111.4	2.589	3.696	35.36	71.7	0
2002-01-16 06:00	121.5	13.83	105	2.838	1.203	34.88	72.4	0
2002-01-16 07:00	127.1	14.11	115.2	3.436	1.394	35.37	69.4	0
2002-01-16 08:00	130.4	15.12	121.4	4.181	0.717	37.28	64.32	0
2002-01-16 09:00	130.2	13.75	137.9	5.131	-0.813	40.68	57.11	0
2002-01-16 10:00	125.7	6.474	128.3	3.688	-1.267	45.06	50.91	0
2002-01-16 11:00	126.7	6.056	138.2	3.978	-1.562	49.71	44.6	0
2002-01-16 12:00	169.2	6.277	173.6	5.135	-1.597	55.35	33.61	0
2002-01-16 13:00	182.9	7.56	182.7	6.254	-1.65	58.52	29.58	0
2002-01-16 14:00	187	7.47	188.2	5.959	-1.509	60.71	27.15	0
2002-01-16 15:00	212	5.484	210.2	4.554	-1.351	62.47	25.55	0
2002-01-16 16:00	185	7.36	185.9	5.638	-1.188	63.27	24.98	0
2002-01-16 17:00	182.2	7.35	177.1	4.525	-0.784	62.71	25.85	0
2002-01-16 18:00	165.7	6.297	140.5	2.763	0.495	60.41	29.02	0
2002-01-16 19:00	259.4	2.851	64.07	1.527	2.504	56.63	34.97	0
2002-01-16 20:00	175.7	3.922	104.5	1.789	4.678	54.16	38.36	0
2002-01-16 21:00	170.4	9.44	124.9	3.097	4.352	52.33	41.65	0
2002-01-16 22:00	181.6	9.79	149	3.175	2.918	53.09	43.56	0
2002-01-16 23:00	173.2	9.1	141.9	3.155	2.908	51.53	47.89	0
2002-01-17 00:00	161.7	14.33	131.2	5.237	2.754	50.06	56.02	0
2002-01-17 01:00	156.9	12.36	134.9	4.918	1.19	49.92	65.38	0
2002-01-17 02:00	152.2	11.6	134.9	4.298	0.818	49.06	73.1	0
2002-01-17 03:00	146.5	10.9	132.2	3.812	0.957	48.22	79.4	0
2002-01-17 04:00	154.2	9.65	140.4	3.97	0.915	47.41	84.3	0
2002-01-17 05:00	168.3	8.2	147.8	3.781	0.256	48.22	85.8	0
2002-01-17 06:00	159.6	8.99	135.3	3.435	0.716	49.22	85.4	0

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2002-01-17 07:00	155.5	8.63	102	2.702	1.762	49.42	85.7	0
2002-01-17 08:00	157.4	6.592	90	2.451	2.333	49.25	86.7	0
2002-01-17 09:00	154.9	8.9	114.5	3.957	1.604	50.67	85.5	0
2002-01-17 10:00	154.5	7.41	119.9	3.607	0.139	53.19	83.4	0
2002-01-17 11:00	143.3	7.93	128.7	4.14	-0.56	55.62	80.1	0
2002-01-17 12:00	148.1	4.458	149.3	3.648	-1.191	59.52	75.7	0
2002-01-17 13:00	142.8	5.649	152.3	4.514	-1.454	64.16	70.8	0
2002-01-17 14:00	180.7	8.97	177.8	6.47	-1.532	68.56	62.55	0
2002-01-17 15:00	193.4	8.83	193.3	6.686	-1.159	69.63	56.19	0
2002-01-17 16:00	190.1	6.364	187	4.511	-1.036	70.1	56.96	0
2002-01-17 17:00	185.7	6.293	181.5	3.436	-0.688	69.84	58.72	0
2002-01-17 18:00	190.3	5.299	187.5	1.978	0.12	68.67	61.65	0
2002-01-17 19:00	176	8.29	165.9	3.799	0.062	68.34	62.89	0
2002-01-17 20:00	183.2	9.04	169.9	4.402	-0.053	68.04	64.94	0
2002-01-17 21:00	188.2	9.86	173.5	4.667	-0.116	67.05	70.8	0
2002-01-17 22:00	190.7	11.08	189.3	5.661	-0.508	65.85	75.1	0
2002-01-17 23:00	295.9	11.8	297.1	7.63	-0.952	58.42	81.2	0
2002-01-18 00:00	1.848	12.48	0.127	8.71	-1.081	47.25	89.8	0.01
2002-01-18 01:00	0.974	10.39	2.941	7.71	-1.092	41.99	92	0.01
2002-01-18 02:00	4.77	9.8	2.327	7.2	-1.097	39.47	93.2	0.06
2002-01-18 03:00	13.59	8.3	13	5.92	-1.064	38.78	94.4	0.17
2002-01-18 04:00	25.02	5.183	19.96	3.58	-1.01	38.96	95	0.06
2002-01-18 05:00	0.596	7.62	356.5	4.696	-1.018	39.09	95.6	0.02
2002-01-18 06:00	11.11	8.66	8.36	6.025	-1.115	39.2	95.7	0.01
2002-01-18 07:00	16.24	7.45	11.69	5.522	-1.06	39.35	95.5	0
2002-01-18 08:00	13.5	7.63	9.6	5.756	-1.051	39.19	95.6	0
2002-01-18 09:00	15.96	8.15	14.2	6.333	-1.144	39.15	95.7	0
2002-01-18 10:00	30.86	8.04	22.97	6.527	-1.177	39.52	95	0
2002-01-18 11:00	34.84	7.24	30.28	6.081	-1.209	40.04	93.4	0
2002-01-18 12:00	27.32	6.243	24.79	5.438	-1.167	40.13	93.7	0
2002-01-18 13:00	47.7	5.944	42.32	4.988	-1.211	41.07	93.5	0
2002-01-18 14:00	58.85	6.27	46.9	5.216	-1.207	41.8	92.1	0
2002-01-18 15:00	43.07	5.062	34.88	4.486	-1.125	42.29	91.7	0
2002-01-18 16:00	63.81	6.575	48.17	5.606	-1.128	42.59	92.3	0
2002-01-18 17:00	73.6	5.48	65.84	3.78	-1.085	42.89	93	0
2002-01-18 18:00	100.3	4.494	77.9	2.5	-1.003	43.22	93.6	0
2002-01-18 19:00	108.8	6.007	98.3	3.046	-0.988	43.71	93.8	0
2002-01-18 20:00	110.1	6.718	93.6	3.155	-0.956	44.04	94.6	0
2002-01-18 21:00	117	10.95	123.2	4.174	-0.945	44.79	95.5	0
2002-01-18 22:00	122	10.26	131.4	4.086	-0.976	45.99	95.8	0
2002-01-18 23:00	127.8	9.7	138.3	3.919	-0.934	47.39	95.2	0
2002-01-19 00:00	132	12.72	145.7	5.667	-0.819	48.35	94.5	0
2002-01-19 01:00	138.8	17.25	140.4	6.607	-0.086	50.57	94.6	0
2002-01-19 02:00	154.6	16.46	152.2	8.84	-0.094	56.09	94.1	0
2002-01-19 03:00	162.3	16.35	154.5	8.91	-0.109	60.07	91.6	0
2002-01-19 04:00	193.9	14.04	197.6	8.3	-0.312	62.14	94.8	0.19
2002-01-19 05:00	201	14.09	201.2	8.58	-0.419	63.53	95.8	0.04
2002-01-19 06:00	226.4	15.47	227.7	9.83	-0.59	63.53	95.7	0.07
2002-01-19 07:00	359.4	13.3	358.2	8.97	-1.02	49.66	95.9	0.16
2002-01-19 08:00	343.4	17.54	344.7	10.81	-1.095	44.25	96.3	0.16
2002-01-19 09:00	333.7	9.85	327.9	5.261	-1.01	43.16	96.3	0.19
2002-01-19 10:00	331.2	8.95	331.4	4.791	-1.093	43.05	96.5	0.04
2002-01-19 11:00	322.1	9.46	315.5	4.97	-1.06	43.36	95.7	0.01
2002-01-19 12:00	320.7	12.31	315.9	6.32	-1.072	42.98	91.9	0
2002-01-19 13:00	320.7	10.87	320	5.676	-1.109	42.43	88.2	0
2002-01-19 14:00	324.5	13.75	329.6	7.69	-1.178	42.21	82.7	0

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2002-01-19 15:00	326.9	14.72	331.6	8.57	-1.095	41.45	81	0
2002-01-19 16:00	333.1	13.57	339.2	7.93	-1.048	41.76	79.3	0
2002-01-19 17:00	338.6	11.33	342.3	6.68	-0.984	42.26	77.9	0
2002-01-19 18:00	353.9	9.09	358.5	5.63	-0.802	42.01	78.7	0
2002-01-19 19:00	1.067	8.12	8.27	4.485	-0.535	40.97	80.9	0
2002-01-19 20:00	13.11	8.72	16.03	4.819	-0.375	40.53	81.6	0
2002-01-19 21:00	13.38	10.11	14.07	6.597	-0.571	40.51	71.9	0
2002-01-19 22:00	8.98	6.808	27.69	3.052	0.082	39.18	72	0
2002-01-19 23:00	7.65	6.039	30.6	2.33	0.479	38.19	75.5	0
2002-01-20 00:00	19.82	6.309	26.03	3.054	-0.254	38.55	75.2	0
2002-01-20 01:00	30.89	6.32	29.61	3.248	-0.498	38.31	77	0
2002-01-20 02:00	37.12	5.964	43.89	2.383	0.357	36.84	81.9	0
2002-01-20 03:00	77.6	5.164	84.7	1.939	-0.138	37.01	80.1	0
2002-01-20 04:00	77.1	5.851	58.53	2.301	-0.442	37.32	78.1	0
2002-01-20 05:00	81	5.289	60.26	2.463	-0.514	37.36	76.1	0
2002-01-20 06:00	72.6	4.827	55.16	2.329	-0.578	37.31	77.5	0
2002-01-20 07:00	90.3	5.43	70.7	2.425	-0.748	37.22	78	0
2002-01-20 08:00	99.5	5.405	86.9	2.465	-0.862	37.12	78.4	0
2002-01-20 09:00	112.2	6.99	103.3	3.739	-1.153	37.86	77.3	0
2002-01-20 10:00	120.2	8.49	123	4.989	-1.346	39.01	74.9	0
2002-01-20 11:00	136.4	9.92	143.3	6.699	-1.655	41.41	70.7	0
2002-01-20 12:00	164.9	6.97	174.5	5.141	-1.354	44.09	65.27	0
2002-01-20 13:00	206.3	7.16	204.8	5.239	-1.546	47.75	58.53	0
2002-01-20 14:00	189.5	7.09	195.3	5.557	-1.472	49.95	54.53	0
2002-01-20 15:00	186.1	7.18	180.6	5.619	-1.39	52	52.24	0
2002-01-20 16:00	184.1	6.495	187	4.94	-1.169	53.3	51.09	0
2002-01-20 17:00	189.8	6.672	189.2	4.015	-0.839	53.37	52.48	0
2002-01-20 18:00	173.9	5.209	166.3	2.722	-0.633	53.1	56	0
2002-01-20 19:00	183.2	7.33	181.5	3.889	-0.62	52.83	63.48	0
2002-01-20 20:00	182.4	6.451	195.7	3.923	-0.616	51.67	75.6	0
2002-01-20 21:00	174.1	6.842	168.9	3.99	-0.812	49.83	88.6	0.01
2002-01-20 22:00	155.9	7.82	156.6	4.308	-0.848	48.47	94.8	0.05
2002-01-20 23:00	191.5	6.465	196.3	3.551	-0.744	48.23	95.8	0.04
2002-01-21 00:00	210.2	5.685	214.7	3.46	-0.801	48	96.1	0.01
2002-01-21 01:00	267.5	7.67	266.9	4.346	-0.754	47.54	96.5	0
2002-01-21 02:00	264.3	7.39	258.8	4.61	-0.745	47.43	97.1	0
2002-01-21 03:00	253	6.446	248.6	3.813	-0.647	47.01	97.7	0
2002-01-21 04:00	253.4	7.72	250.4	4.546	-0.613	46.9	98.1	0
2002-01-21 05:00	235.2	5.926	230	3.599	-0.598	46.91	98.3	0
2002-01-21 06:00	260.9	6.583	269.3	3.311	-0.453	47.23	98.5	0
2002-01-21 07:00	292	8.45	281.4	4.063	-0.578	48.37	98.7	0
2002-01-21 08:00	297	4.964	284.7	1.397	-0.513	48.47	98.8	0
2002-01-21 09:00	335.2	4.984	8.62	2.537	-0.783	48.89	98.8	0
2002-01-21 10:00	357.2	6.276	0.411	4.967	-1.161	50.42	89.2	0
2002-01-21 11:00	357.4	5.643	357.3	4.865	-1.332	52.89	67.2	0
2002-01-21 12:00	336.9	6.104	338.5	4.957	-1.485	55.08	54.32	0
2002-01-21 13:00	332	8	332.9	6.152	-1.497	57.42	44.27	0
2002-01-21 14:00	355.5	8.82	355.5	7.11	-1.375	59.71	33.3	0
2002-01-21 15:00	14.3	6.16	16.91	5.448	-1.169	61.07	32.88	0
2002-01-21 16:00	19.53	7.46	16.84	6.529	-1.13	61.67	35.05	0
2002-01-21 17:00	28.36	5.722	26.25	4.623	-0.898	61.69	34.14	0
2002-01-21 18:00	27.12	7.72	31.35	4.322	0.242	59.41	34.44	0
2002-01-21 19:00	56.48	6.599	55.1	2.562	3.081	55.48	37.22	0
2002-01-21 20:00	81.1	7.82	62.44	2.343	5.731	52.55	38.93	0
2002-01-21 21:00	71.3	7.87	65.01	2.578	5.393	50.99	38.67	0
2002-01-21 22:00	84.5	9.51	82.9	2.004	4.05	50.12	42.22	0

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2002-01-21 23:00	97.1	11.06	82.8	2.634	2.608	50.32	46.69	0
2002-01-22 00:00	102.8	9.38	78.3	2.65	1.958	48.23	56.31	0
2002-01-22 01:00	100.7	7.77	68.78	2.275	2.509	46.39	63.65	0
2002-01-22 02:00	101	6.625	104.1	1.328	2.834	45.82	66.87	0
2002-01-22 03:00	105.2	8.88	80.3	2.408	2.414	46.72	66.25	0
2002-01-22 04:00	110	9.09	71.5	2.341	1.314	46.17	69.12	0
2002-01-22 05:00	102.7	8.96	65.76	2.979	0.717	47.03	70.2	0
2002-01-22 06:00	105.3	9.56	79.6	3.127	0.387	47.66	71.4	0
2002-01-22 07:00	112.1	12.04	87	3.857	0.124	48.28	72.1	0
2002-01-22 08:00	115.4	14.17	99.8	4.432	-0.35	49.66	70.2	0
2002-01-22 09:00	117.9	15.7	112	5.22	-0.835	52.24	66.33	0
2002-01-22 10:00	119.1	15.41	118.1	6.604	-1.069	55.15	59.27	0
2002-01-22 11:00	123.4	15.32	129.6	7.28	-1.228	57.96	56.41	0
2002-01-22 12:00	124.2	13.18	133.4	6.789	-1.369	60.29	57.83	0
2002-01-22 13:00	122.9	10.09	128.5	4.493	-1.025	60.25	73	0.02
2002-01-22 14:00	129.4	12.32	135.8	6.001	-0.808	60.49	82.1	0.01
2002-01-22 15:00	126.7	12.86	130.6	6.604	-1.094	59.28	87.7	0
2002-01-22 16:00	126.3	13.89	132.2	6.569	-0.996	60.97	86.2	0
2002-01-22 17:00	127.4	14.55	133	6.633	-0.779	62.91	85	0
2002-01-22 18:00	139.2	14.15	142.8	6.613	-0.46	64.04	87.8	0
2002-01-22 19:00	138	14.11	140.7	6.495	-0.444	65.1	90.7	0
2002-01-22 20:00	138.6	15.12	137.5	6.681	-0.355	65.24	93.8	0.01
2002-01-22 21:00	154.7	14.31	152.9	7.82	-0.254	66.45	94.8	0
2002-01-22 22:00	173.3	16.73	171.5	10.1	-0.347	69.33	92.1	0
2002-01-22 23:00	182.1	15.43	180.4	9.05	-0.421	71.4	88.8	0
2002-01-23 00:00	181.7	14.36	180.5	8.25	-0.402	71.7	88.4	0
2002-01-23 01:00	188.3	15.01	188.8	8.52	-0.329	72.1	86.5	0
2002-01-23 02:00	190.9	11.73	191.6	6.892	-0.396	72.1	86.6	0
2002-01-23 03:00	186.5	12.31	185	6.76	-0.431	71.9	86.7	0
2002-01-23 04:00	186.1	12.96	183.5	7.68	-0.444	71.8	84.4	0
2002-01-23 05:00	184.3	13.18	183.2	7.04	-0.335	70.8	85.4	0
2002-01-23 06:00	187.8	11.42	187.1	5.618	-0.244	70.4	85.2	0
2002-01-23 07:00	174.6	15.17	172.5	9.26	-0.321	70.3	85.4	0
2002-01-23 08:00	177.6	13.48	177.7	7.44	-0.448	70	86.6	0
2002-01-23 09:00	181.6	12.61	182.9	7.61	-0.997	71.9	82.8	0
2002-01-23 10:00	189.7	15.42	190	10.23	-1.043	74.6	75.4	0
2002-01-23 11:00	188.8	16.77	190.3	10.94	-1.323	77.1	66.87	0
2002-01-23 12:00	183.8	17.14	183.2	11.29	-1.686	79.1	59.66	0
2002-01-23 13:00	194.3	14.46	198.3	11.01	-1.393	80.4	52.52	0
2002-01-23 14:00	196.5	14.65	196.6	10.27	-1.409	81.5	46.34	0
2002-01-23 15:00	199.9	13.91	206.6	10.04	-1.164	81.7	45.37	0
2002-01-23 16:00	185.4	14.2	184	8.94	-1.036	81.8	45.52	0
2002-01-23 17:00	182.4	13.26	184.9	7.78	-0.79	80.9	47.44	0
2002-01-23 18:00	173.9	10.91	175.5	6.464	-0.411	79	52.02	0
2002-01-23 19:00	173.3	12.1	169.8	6.834	-0.233	77	57.09	0
2002-01-23 20:00	175.6	13.8	169.6	7.83	-0.284	75.7	61.79	0
2002-01-23 21:00	175.5	15.76	172.8	9.45	-0.417	74.4	67.76	0
2002-01-23 22:00	178.3	17.41	176	10.03	-0.55	73.7	73.8	0
2002-01-23 23:00	177.9	17.06	174.9	10.3	-0.594	72.6	78.8	0
2002-01-24 00:00	175.8	17.05	174	10.03	-0.634	72.2	81.2	0
2002-01-24 01:00	176.8	17.05	177	10.06	-0.612	71.9	81.8	0
2002-01-24 02:00	178.9	15.95	180.1	9.15	-0.547	71.2	83.7	0
2002-01-24 03:00	181.5	16.01	184.5	9.06	-0.576	71.1	83.6	0
2002-01-24 04:00	184.9	14.32	187	8.6	-0.61	70.9	84.4	0
2002-01-24 05:00	186.5	12.49	187.8	7.03	-0.602	71	85.8	0
2002-01-24 06:00	181.8	12.63	176.9	7.17	-0.572	71.4	85.9	0

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2002-01-24 07:00	177.4	11.29	177.4	6.943	-0.63	71.4	86.6	0
2002-01-24 08:00	178.2	13.68	172.6	8.17	-0.629	71.9	85.9	0
2002-01-24 09:00	186.5	12.73	186.8	7.91	-0.901	73.7	81.1	0
2002-01-24 10:00	190	12.58	193.8	8.01	-0.843	74.8	77.6	0
2002-01-24 11:00	188.9	12.55	187.1	8.13	-1.099	75.3	78.6	0
2002-01-24 12:00	189.1	13.69	192.1	9.09	-1.055	76.5	75.2	0
2002-01-24 13:00	204.9	12.53	206.6	8.08	-0.596	75.7	77.7	0.08
2002-01-24 14:00	353.5	21.56	353.7	14.73	-0.979	58.52	93.3	0.46
2002-01-24 15:00	11.02	16.97	8.76	12.26	-1.135	54.27	97.5	0.17
2002-01-24 16:00	6.905	13.07	3.014	9.21	-0.984	53.31	97.6	0.19
2002-01-24 17:00	0.722	11.37	357.2	7.83	-0.973	51.49	97.7	0.12
2002-01-24 18:00	1.933	10.96	359.1	7.47	-0.925	49.83	97.4	0.08
2002-01-24 19:00	19.62	7.8	16.39	5.523	-0.899	49.41	96.7	0.12
2002-01-24 20:00	347.9	11.27	348.5	7.14	-0.959	48.85	96.7	0.05
2002-01-24 21:00	350.4	13.81	351.1	8.98	-0.968	48.04	95.1	0.01
2002-01-24 22:00	354.8	14.12	359.1	9.17	-0.905	47.45	90.5	0
2002-01-24 23:00	358.2	13.85	2.674	9.68	-0.932	46.64	87.4	0
2002-01-25 00:00	355	13.87	358.5	9.41	-0.927	45.82	86.2	0
2002-01-25 01:00	355.4	12.92	358.6	8.73	-0.941	45.53	84.9	0
2002-01-25 02:00	357.8	13.3	358.5	9.01	-0.975	45.21	86.6	0
2002-01-25 03:00	8.58	12.35	6.485	8.84	-0.933	44.11	83.2	0
2002-01-25 04:00	12.23	10.04	11.07	6.903	-0.847	42.56	83.9	0
2002-01-25 05:00	11.63	11.06	7.64	7.77	-0.902	41.67	81.8	0
2002-01-25 06:00	4.845	8.57	4.983	5.558	-0.823	40.94	82.9	0
2002-01-25 07:00	4.325	9.13	3.307	6.022	-0.861	40.59	83.7	0
2002-01-25 08:00	3.9	9.57	2.624	6.485	-0.942	40.59	83.3	0
2002-01-25 09:00	2.094	10.59	0.546	7.6	-1.237	41.43	79.4	0
2002-01-25 10:00	345.7	10.94	341.4	7.49	-1.545	42.44	79.1	0
2002-01-25 11:00	345.9	11.25	350.8	8.29	-1.603	44.22	72.4	0
2002-01-25 12:00	345.9	10.72	350	8	-1.647	45.92	67.01	0
2002-01-25 13:00	339.9	10.28	346.2	7.55	-1.747	48.34	60.68	0
2002-01-25 14:00	335.8	10.84	338.3	8	-1.692	49.73	58.4	0
2002-01-25 15:00	339.6	12.15	339.2	8.49	-1.661	50.5	55.62	0
2002-01-25 16:00	344.9	10.54	342.6	7.64	-1.42	51.16	52.97	0
2002-01-25 17:00	348.6	10.09	346.5	6.824	-1.061	50.92	51.29	0
2002-01-25 18:00	357.3	7.71	356.5	4.589	-0.641	49.4	53.33	0
2002-01-25 19:00	2.867	9.15	5.476	4.937	-0.327	47.44	55.35	0
2002-01-25 20:00	8.22	8.58	11.9	4.301	-0.091	45.71	59.5	0
2002-01-25 21:00	11.66	7.97	17.23	3.833	0.059	44.42	62.3	0
2002-01-25 22:00	11.3	8.04	23.31	3.588	0.468	42.91	67.03	0
2002-01-25 23:00	22.51	8.38	38.03	3.593	1.342	41.18	73.1	0
2002-01-26 00:00	27.5	8.38	35.52	3.566	1.468	40.27	77.8	0
2002-01-26 01:00	21.67	5.462	116.9	1.268	3.117	37.41	85.9	0
2002-01-26 02:00	20.24	6.258	39.02	0.887	3.991	35.88	90.7	0
2002-01-26 03:00	29.36	8.24	50.06	2.464	4.26	35.25	91.1	0
2002-01-26 04:00	29.35	5.342	113.1	1.166	4.26	34.46	91.1	0
2002-01-26 05:00	29.76	6.934	5.567	1.112	5.25	32.8	93.5	0
2002-01-26 06:00	55.36	4.3	105.7	1.735	4.58	32.81	96	0
2002-01-26 07:00	40.15	4.55	68.89	1.419	5.026	31.88	96.4	0
2002-01-26 08:00	57.91	4.145	118.9	1.101	4.149	32.08	96.3	0
2002-01-26 09:00	66.22	4.025	263.1	1.69	2.954	34.68	95.6	0
2002-01-26 10:00	132.8	2.217	260.6	2.998	0.293	40.87	89.1	0
2002-01-26 11:00	110.9	5.43	113.5	4.06	-1.411	48.92	45.77	0
2002-01-26 12:00	298.4	4.849	294	4.144	-1.598	51.42	41.7	0
2002-01-26 13:00	292	5.216	279.2	4.428	-1.468	53.2	36.25	0
2002-01-26 14:00	269.9	5.093	256.5	4.347	-1.466	55.2	31.19	0

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2002-01-26 15:00	308.9	5.653	298.4	4.567	-1.241	57.57	27.11	0
2002-01-26 16:00	278.1	4.182	267.5	3.48	-1.095	57.62	27.25	0
2002-01-26 17:00	329.7	3.271	325.8	2.385	-0.868	57.55	26.79	0
2002-01-26 18:00	352.5	6.277	1.646	3.084	0.102	55.36	36.53	0
2002-01-26 19:00	17.99	6.96	21.21	3.308	0.835	53.42	41.15	0
2002-01-26 20:00	24.86	7.96	25.54	4.027	0.323	52.33	41.13	0
2002-01-26 21:00	32.01	6.996	51.73	2.715	0.858	50.35	45.79	0
2002-01-26 22:00	59.32	5.504	113	1.121	2.638	48.1	49.16	0
2002-01-26 23:00	85.1	6.359	109.4	1.274	3.313	46.97	50.04	0
2002-01-27 00:00	101	6.685	93.1	1.277	2.701	46.31	51.13	0
2002-01-27 01:00	105.9	6.267	129.5	1.263	2.603	44.81	56.43	0
2002-01-27 02:00	110.5	6.033	159.6	1.322	3.026	43	67.99	0
2002-01-27 03:00	117.6	6.135	130.9	1.576	2.073	43.57	66.94	0
2002-01-27 04:00	114.5	6.545	96.6	1.447	4.575	42.84	69.08	0
2002-01-27 05:00	122.6	7.72	90.2	2.496	4.18	44.02	58.99	0
2002-01-27 06:00	110	9.38	82.1	2.073	5.713	42.28	65.05	0
2002-01-27 07:00	109.3	12.05	103.4	3.843	5.309	43.18	61.77	0
2002-01-27 08:00	105.8	10.76	106	3.161	4.318	43.11	61.46	0
2002-01-27 09:00	113.7	10.8	113.3	3.678	0.624	46.71	55.42	0
2002-01-27 10:00	110.6	3.396	93	2.505	-1.051	54.67	44.04	0
2002-01-27 11:00	142.3	3.583	162.4	4.108	-1.247	60.87	39.61	0
2002-01-27 12:00	141.4	4.623	154.7	4.587	-1.429	64.84	37.15	0
2002-01-27 13:00	124.9	4.245	135.5	3.66	-1.257	67.87	36.08	0
2002-01-27 14:00	127.4	7.66	129.7	5.19	-1.405	70.7	32.2	0
2002-01-27 15:00	118.9	7.99	119.6	5.346	-1.46	73.3	32.28	0
2002-01-27 16:00	131.6	9.45	130.2	5.595	-1.287	75.4	29.32	0
2002-01-27 17:00	144.2	10.05	151.5	5.984	-0.818	75	31.16	0
2002-01-27 18:00	152.1	5.164	216.5	2.051	1.137	70	39.38	0
2002-01-27 19:00	137.3	10.43	131.3	1.907	2.114	67.8	45.37	0
2002-01-27 20:00	136.4	9.91	146.5	2.473	1.597	66	50.48	0
2002-01-27 21:00	167.2	8.6	145.4	3.104	1.361	64.57	54.68	0
2002-01-27 22:00	172.5	10.82	161.9	5.215	0.721	64.23	57.07	0
2002-01-27 23:00	157.4	11.62	154.2	5.64	0.086	63.7	62.15	0
2002-01-28 00:00	144.2	12.65	152.6	6.011	-0.083	61.53	72.5	0
2002-01-28 01:00	168.1	9.29	168.8	5.115	-0.42	61.99	83.3	0
2002-01-28 02:00	163.7	9.22	145.4	4.617	-0.347	62.69	86.5	0
2002-01-28 03:00	170.5	10.99	152.6	5.907	-0.232	63.39	89.7	0
2002-01-28 04:00	174.8	13.78	172.4	8.35	-0.718	64.5	89.8	0
2002-01-28 05:00	221.6	8.79	218.3	5.755	-0.785	64.17	91.4	0
2002-01-28 06:00	200.9	3.895	197.7	1.696	-0.462	63.94	92.9	0
2002-01-28 07:00	183.5	4.237	227.1	1.625	-0.098	63.6	95.2	0
2002-01-28 08:00	200.9	3.646	112.2	1.868	0.256	63.13	97.8	0
2002-01-28 09:00	136.5	3.584	119.2	1.439	-0.158	63.68	98.9	0
2002-01-28 10:00	121.4	4.367	121.5	2.37	-0.729	64.35	99.2	0
2002-01-28 11:00	161.6	6.216	160.5	4.11	-1.09	65.64	99.3	0
2002-01-28 12:00	182	7.22	181.3	4.834	-1.087	67.86	93.1	0
2002-01-28 13:00	185.2	7.04	177.2	4.62	-1.093	68.9	86.1	0
2002-01-28 14:00	189.2	7.04	189.2	5.207	-1.134	69.98	83.5	0
2002-01-28 15:00	168.5	6.79	168.8	4.687	-1.089	70.9	80.8	0
2002-01-28 16:00	179.7	7.29	177.4	4.449	-0.949	72.2	76.5	0
2002-01-28 17:00	174.7	7.01	176.4	4.187	-0.788	72.2	76	0
2002-01-28 18:00	171	6.01	153.4	3.045	-0.43	71.3	79.3	0
2002-01-28 19:00	152.1	5.16	163.3	2.85	-0.482	70.5	81.6	0
2002-01-28 20:00	143.2	6.054	177.1	3.369	-0.303	69.43	84.6	0
2002-01-28 21:00	127.2	9.47	154.3	2.614	0.574	67.85	88.9	0
2002-01-28 22:00	158.7	11.43	158.8	6.204	-0.019	68.31	90.1	0

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2002-01-28 23:00	162.1	12.3	160.9	7.76	-0.475	68.69	90.4	0
2002-01-29 00:00	155.7	12.69	160.6	7.75	-0.568	68.14	91.8	0
2002-01-29 01:00	177.7	11.19	176.1	6.541	-0.659	68.58	91.4	0
2002-01-29 02:00	175.4	9.84	168.3	5.695	-0.606	69.03	90.6	0
2002-01-29 03:00	170.6	8.91	165.2	5.255	-0.6	69.23	89.7	0
2002-01-29 04:00	153.8	7.8	172.2	4.288	-0.691	68.68	90.6	0
2002-01-29 05:00	157.1	8.17	172.6	4.293	-0.713	68.44	91	0
2002-01-29 06:00	164	8.66	172.5	4.95	-0.695	68.67	90.1	0
2002-01-29 07:00	179.2	10.77	177.9	6.17	-0.707	68.74	90.2	0
2002-01-29 08:00	168.6	9.52	167.8	5.594	-0.725	68.56	91.6	0
2002-01-29 09:00	151.4	10.26	156.8	6.959	-1.084	70.2	88.3	0
2002-01-29 10:00	172.4	10.09	178	6.889	-1.115	71.9	83.6	0
2002-01-29 11:00	173.5	8.95	179.9	6.283	-1.184	73.8	78.2	0
2002-01-29 12:00	173.8	9.51	179.4	6.956	-1.228	75.8	72.8	0
2002-01-29 13:00	172.3	10.78	174.4	7.95	-1.307	77.2	68.98	0
2002-01-29 14:00	182.1	12.65	181.1	8.23	-1.168	77.4	67.37	0
2002-01-29 15:00	180.8	10.66	182.8	6.724	-1.115	77.8	65.93	0
2002-01-29 16:00	163.7	9.25	169	6.843	-1.12	78.3	66.02	0
2002-01-29 17:00	161	10.51	165.5	7.46	-0.988	77.8	67.3	0
2002-01-29 18:00	140.5	10.89	145	5.47	-0.599	75.5	73.8	0
2002-01-29 19:00	126.2	10.21	124.6	3.526	-0.312	73.5	79.4	0
2002-01-29 20:00	123.9	11	120.7	4.101	-0.531	72.5	83.1	0
2002-01-29 21:00	128.8	12.64	129.5	4.962	-0.384	71.2	86.4	0
2002-01-29 22:00	133.6	12.97	136.7	5.631	-0.388	70.2	87.6	0
2002-01-29 23:00	135.3	12.85	134.5	5.461	-0.437	69.43	88.1	0
2002-01-30 00:00	140.3	13.18	140.6	6.673	-0.598	69.62	86.1	0
2002-01-30 01:00	130.3	13.84	132.9	6.016	-0.504	68.51	88.2	0
2002-01-30 02:00	132.6	12.52	134.3	5.489	-0.617	68.58	88.3	0
2002-01-30 03:00	135.3	11.65	138.4	5.206	-0.635	68.66	88.5	0
2002-01-30 04:00	141.1	9.1	150	4.77	-0.736	68.54	89.3	0
2002-01-30 05:00	133.8	9.15	144.3	4.384	-0.772	67.51	93.8	0
2002-01-30 06:00	130.9	10.25	137.5	4.134	-0.63	66.92	96.6	0
2002-01-30 07:00	131.5	9.92	145.6	4.148	-0.569	66.81	97.8	0.01
2002-01-30 08:00	128.9	11.44	130.1	4.43	-0.628	66.9	98.2	0
2002-01-30 09:00	132.1	9.96	142.4	4.629	-0.717	67.24	98.1	0
2002-01-30 10:00	125.9	9.25	133.3	3.944	-0.931	67.95	97.5	0
2002-01-30 11:00	130.1	11.69	134.2	5.992	-1.188	69.23	94.2	0
2002-01-30 12:00	134.6	11.44	142.9	6.659	-1.173	71	87.8	0
2002-01-30 13:00	139.9	11.39	147.9	7.08	-1.071	72.5	82	0
2002-01-30 14:00	138.6	11.68	144.6	6.711	-1.063	73	80	0
2002-01-30 15:00	138	12.54	145.1	7.12	-0.958	73.3	79.5	0
2002-01-30 16:00	153.5	10.33	153.3	5.317	-0.406	71.1	87.3	0.24
2002-01-30 17:00	118.6	7.94	108.6	3.06	-0.615	70.1	90	0
2002-01-30 18:00	111.2	8.85	96.3	2.474	0.421	69.54	91.2	0
2002-01-30 19:00	143.2	8.83	173.4	3.545	0.352	70.2	89.4	0.1
2002-01-30 20:00	136.4	12.01	126	3.505	1	69.42	91.7	0.01
2002-01-30 21:00	134.1	13.34	137.7	4.919	0.463	68.71	91	0
2002-01-30 22:00	139.9	13.9	142.1	5.893	0.107	68.63	90.7	0
2002-01-30 23:00	141.1	14.05	144.7	6.46	-0.008	68.83	90.3	0
2002-01-31 00:00	142	11.79	147.2	5.021	-0.036	68.47	90.9	0
2002-01-31 01:00	134.9	11.98	145	3.779	0.086	68.11	91.8	0
2002-01-31 02:00	132.6	13.59	140.5	4.74	0.045	67.71	92.5	0
2002-01-31 03:00	131.6	15.01	139	5.69	-0.137	67.13	93.5	0
2002-01-31 04:00	136.1	15.86	141.5	6.858	-0.256	67.08	93.2	0
2002-01-31 05:00	142.1	14.39	145.2	6.786	-0.218	67.44	90.8	0
2002-01-31 06:00	149.6	11.7	154.5	6.031	-0.403	68.27	87.8	0

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2002-01-31 07:00	142.2	9.26	160.2	4.192	-0.392	68.52	87.6	0
2002-01-31 08:00	132	9.96	165.1	4.319	-0.325	68.02	90	0
2002-01-31 09:00	132.4	12.91	146.7	6.41	-0.84	69.41	87.7	0
2002-01-31 10:00	141.8	13.87	148.7	8.86	-1.111	71.5	83.8	0
2002-01-31 11:00	151.5	14.7	158.4	10.28	-1.382	74.8	76.7	0
2002-01-31 12:00	165.7	15.79	168.8	10.93	-1.432	78	66.67	0
2002-01-31 13:00	176.5	18.45	176.5	11.76	-1.471	80.9	54.98	0
2002-01-31 14:00	189.7	15.89	192	10.89	-1.152	81.5	51.85	0
2002-01-31 15:00	179	16.04	182	10.32	-1.259	82.8	50.52	0
2002-01-31 16:00	187.2	17.69	189.9	10.78	-0.8	82.4	50.78	0
2002-01-31 17:00	189.6	16.08	193.6	9.11	-0.524	80.6	55.93	0
2002-01-31 18:00	217.9	15.42	219	9.14	-0.441	74.9	71.4	0.25
2002-01-31 19:00	270.4	18.1	265.8	10.56	-0.471	66.33	94.3	0.84
2002-01-31 20:00	310.9	14.7	305.3	6.836	-0.629	58.41	90	0.08
2002-01-31 21:00	296.7	9.88	282.1	4.308	-0.419	56.55	89.8	0.01
2002-01-31 22:00	297.7	13.39	286.4	6.051	-0.401	55.81	80.8	0
2002-01-31 23:00	285.8	13.77	277.8	7.94	-0.758	54.19	81.1	0
2002-02-01 00:00	294	14.1	285.4	7.23	-0.885	49.81	87.6	0.07
2002-02-01 01:00	295.6	11.1	285.1	5.429	-0.944	48.08	92.9	0.01
2002-02-01 02:00	291.8	14.42	281.7	8.29	-0.935	46.07	86.3	0
2002-02-01 03:00	296.9	15.29	286.8	7.84	-0.878	45.03	79.6	0
2002-02-01 04:00	303.5	14.19	290.3	6.854	-0.879	43.95	78.9	0
2002-02-01 05:00	300.5	15.2	286.9	8.14	-0.985	40.77	75.6	0
2002-02-01 06:00	319.2	11.21	319.7	5.537	-0.896	38.09	76.5	0
2002-02-01 07:00	317.7	9.51	317.3	4.573	-0.839	37.38	79.9	0
2002-02-01 08:00	327.2	10.58	330.4	5.924	-1.057	37.5	77.2	0
2002-02-01 09:00	338.2	12.2	342.1	7.88	-1.525	38.95	70.5	0
2002-02-01 10:00	338.8	11.64	342.7	7.96	-1.488	39.22	69.48	0
2002-02-01 11:00	349.3	11.94	352.5	8.26	-1.398	38.96	69.81	0
2002-02-01 12:00	337.3	10.59	341.3	6.983	-1.464	39.31	71.6	0
2002-02-01 13:00	339.7	10.95	345	7.33	-1.4	39.71	70.4	0
2002-02-01 14:00	342.4	10.69	347.8	7.17	-1.34	39.85	70.8	0
2002-02-01 15:00	343.4	8.86	345.9	5.66	-1.27	40.45	70.9	0
2002-02-01 16:00	344.8	8.52	348.2	5.79	-1.166	41.07	70.2	0
2002-02-01 17:00	337.6	9.15	342.2	5.859	-1.09	41.51	69.12	0
2002-02-01 18:00	337.3	10.18	345.8	5.927	-0.995	41.88	69.35	0
2002-02-01 19:00	340.7	9.97	345.7	5.698	-0.928	42.19	69.17	0
2002-02-01 20:00	346.1	12.55	350.6	7.76	-0.97	42.36	68.09	0
2002-02-01 21:00	352.6	11.25	357.1	7.44	-0.957	42.09	69.11	0
2002-02-01 22:00	7.79	8.6	6.833	5.586	-0.744	41.17	69.81	0
2002-02-01 23:00	14.75	8.59	14.96	5.16	-0.645	40.32	69.51	0
2002-02-02 00:00	21.4	7.35	29.31	3.219	-0.076	39.08	73.4	0
2002-02-02 01:00	18.23	8.32	21.63	3.763	-0.055	38.44	75.3	0
2002-02-02 02:00	25.45	8.84	29.59	4.663	-0.365	38.14	75.2	0
2002-02-02 03:00	31.87	7.72	31.53	3.609	-0.236	37.61	75.9	0
2002-02-02 04:00	34.73	7.06	37.71	2.922	-0.035	36.85	77.7	0
2002-02-02 05:00	42.24	7.74	39.76	3.026	0.36	36.23	77.9	0
2002-02-02 06:00	39.09	8.24	37	3.768	0.095	35.97	75.9	0
2002-02-02 07:00	43.58	7.74	37.79	3.26	0.158	35.15	76.2	0
2002-02-02 08:00	37.31	7.17	34.05	3.471	-0.144	35.09	75	0
2002-02-02 09:00	47.52	9.16	41.18	7	-1.049	37.73	66.47	0
2002-02-02 10:00	44.62	10.79	38.2	8.88	-1.385	40.43	57.21	0
2002-02-02 11:00	48.79	10.41	45.76	8.39	-1.371	42.81	48.36	0
2002-02-02 12:00	57.58	9.18	50.11	7.18	-1.573	45.5	42.21	0
2002-02-02 13:00	30.99	5.546	13.62	4.82	-1.467	48.05	40.05	0
2002-02-02 14:00	356	6.453	355.1	5.21	-1.532	50.08	37.69	0

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2002-02-02 15:00	335.3	8.69	337.3	6.939	-1.553	50.47	38.97	0
2002-02-02 16:00	337.6	7.36	338.9	5.821	-1.319	51.33	37.72	0
2002-02-02 17:00	343.9	8.34	347.6	6.015	-1.169	51.45	38.56	0
2002-02-02 18:00	0.574	7.1	3.443	4.744	-0.684	49.91	41.98	0
2002-02-02 19:00	9.61	9.06	17.76	5.158	-0.245	47.82	46.46	0
2002-02-02 20:00	14.8	8.99	19.3	5.074	-0.408	46.22	54.01	0
2002-02-02 21:00	9.17	6.85	14.77	3.47	-0.106	44.68	59.34	0
2002-02-02 22:00	14.85	4.035	38.49	1.959	-0.676	44.92	60.75	0
2002-02-02 23:00	112.1	4.769	122.4	2.164	-0.79	44.39	64.1	0
2002-02-03 00:00	47.21	3.958	25.44	2.16	-0.855	44.58	63.71	0
2002-02-03 01:00	5.04	1.521	173.5	1.286	-0.786	44.98	63.03	0
2002-02-03 02:00	0.258	5.528	16.95	2.835	-0.463	44.61	68.51	0
2002-02-03 03:00	81	4.453	96.7	1.704	-0.752	43.92	72.8	0
2002-02-03 04:00	93.6	3.663	118.6	1.453	-0.699	43.87	71.8	0
2002-02-03 05:00	4.863	4.535	6.555	2.764	-0.845	44.4	71.2	0
2002-02-03 06:00	26.92	4.167	23.85	2.476	-0.92	44.53	70.7	0
2002-02-03 07:00	59.94	2.978	90.2	1.661	-0.91	44.69	70.9	0
2002-02-03 08:00	144.8	1.994	156.5	1.707	-1.004	44.78	71.5	0
2002-02-03 09:00	132.5	1.973	123.7	1.641	-1.081	45.47	69.74	0
2002-02-03 10:00	67.36	3.118	49.99	2.747	-1.18	46.8	67.4	0
2002-02-03 11:00	111.4	3.152	137.8	3.013	-1.21	49.65	54.1	0
2002-02-03 12:00	310.3	4.173	302.5	3.391	-1.21	50.68	52.41	0
2002-02-03 13:00	334.8	4.468	332.1	3.661	-1.244	51.14	45.54	0
2002-02-03 14:00	303.6	3.811	308.8	3.111	-1.207	51.77	44.3	0
2002-02-03 15:00	305.6	3.22	297.2	2.634	-1.134	52.08	47.35	0
2002-02-03 16:00	332.8	4.445	339.6	3.544	-1.147	52.34	49.47	0
2002-02-03 17:00	354.4	5.197	350.6	3.875	-1.025	52.04	51.43	0
2002-02-03 18:00	8.53	4.222	6.179	2.815	-0.87	51.42	51.44	0
2002-02-03 19:00	14.54	4.944	23.25	3.06	-0.686	50.64	57.26	0
2002-02-03 20:00	15.21	4.983	31.19	2.426	-0.344	49.64	62.32	0
2002-02-03 21:00	10.2	5.01	18.02	2.523	-0.393	49.16	65.52	0
2002-02-03 22:00	354.9	3.847	356.8	1.979	-0.75	49.09	68.09	0
2002-02-03 23:00	325.3	3.836	322.8	1.27	-0.641	48.66	71.5	0
2002-02-04 00:00	337	5.213	349.5	2.229	-0.685	48.21	74.4	0
2002-02-04 01:00	324.3	4.999	323.2	2.056	-0.762	48.1	73.7	0
2002-02-04 02:00	317.1	5.411	317.4	2.108	-0.765	47.94	72.6	0
2002-02-04 03:00	325	5.549	329.3	2.238	-0.787	47.64	74.2	0
2002-02-04 04:00	319.9	5.561	322.8	2.48	-0.809	47.39	76.1	0
2002-02-04 05:00	327.5	6.394	330.7	2.752	-0.739	47	77.4	0
2002-02-04 06:00	328	6.019	323	2.353	-0.667	46.57	77.8	0
2002-02-04 07:00	330.3	5.75	332.5	2.305	-0.666	46.19	78.3	0
2002-02-04 08:00	355.9	9.07	356.1	5.64	-0.778	45.85	74.8	0
2002-02-04 09:00	12.99	9.2	13.02	7.12	-1.152	46.8	64.19	0
2002-02-04 10:00	21.76	9.97	19.56	8.52	-1.247	49.26	50.7	0
2002-02-04 11:00	9.27	8.97	4.564	7.46	-1.271	50.57	43.31	0
2002-02-04 12:00	7.35	10.33	7.85	8.72	-1.336	51.53	37.42	0
2002-02-04 13:00	10.26	10.19	9.04	8.18	-1.649	52.78	37.24	0
2002-02-04 14:00	14.57	10.98	13.64	9.3	-1.423	53.1	36.04	0
2002-02-04 15:00	14.71	10.88	14.9	8.99	-1.287	52.85	35.62	0
2002-02-04 16:00	16.09	11.44	13.03	9.23	-1.146	52.21	33.64	0
2002-02-04 17:00	9.65	9.74	5.9	7.31	-1.012	51.3	36.46	0
2002-02-04 18:00	16.82	9.68	10.05	6.775	-0.873	49.94	28.73	0
2002-02-04 19:00	8.37	8.21	5.895	5.644	-0.895	48.62	35.82	0
2002-02-04 20:00	15.12	10.14	12.03	7.42	-0.924	47.36	39.08	0
2002-02-04 21:00	25.99	10.29	23.75	7.63	-0.951	46.29	40.29	0
2002-02-04 22:00	26.85	8.31	27.06	6.184	-0.934	45.26	48.09	0

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2002-02-04 23:00	35.36	5.982	33.27	4.44	-0.957	44.68	51.66	0
2002-02-05 00:00	45.08	6.28	40.05	4.564	-0.957	44.17	53.89	0
2002-02-05 01:00	33.18	7.56	27.34	5.413	-0.963	43.96	54.74	0
2002-02-05 02:00	38.27	8.03	34.25	6.146	-0.98	43.72	54.59	0
2002-02-05 03:00	46.93	7.92	42.07	5.951	-0.934	43.1	55.53	0
2002-02-05 04:00	60.21	9.82	52.74	6.583	-0.888	42.58	53.48	0
2002-02-05 05:00	63.35	10.42	57.86	6.877	-0.932	41.67	48.96	0
2002-02-05 06:00	65.91	8.59	54.22	5.624	-0.912	40.51	52.41	0
2002-02-05 07:00	66.09	7.89	55.69	5.352	-0.97	39.62	55.36	0
2002-02-05 08:00	53.17	5.477	43.16	3.143	-0.811	37.9	67.96	0.01
2002-02-05 09:00	51.76	6.339	43.5	3.785	-0.928	36.82	79.6	0.02
2002-02-05 10:00	84.5	6.544	79.3	3.515	-1.127	36.41	83.9	0.02
2002-02-05 11:00	80.6	8.93	66.35	5.324	-1.199	36.03	83.3	0.04
2002-02-05 12:00	83.9	8.21	68.79	5.377	-1.301	36.43	82.4	0
2002-02-05 13:00	91.3	7.34	83.2	4.365	-1.278	36.47	84	0.03
2002-02-05 14:00	78.6	7.41	66.9	4.876	-1.27	36.28	88.1	0.03
2002-02-05 15:00	88.7	8.72	72	5.224	-1.265	36.1	89.4	0.06
2002-02-05 16:00	83.2	8.17	73.5	5.362	-1.158	35.59	90.2	0.07
2002-02-05 17:00	74.4	9.1	59.03	5.619	-1.093	35.19	91.1	0.13
2002-02-05 18:00	63.97	9.71	49.22	6.117	-1.044	34.95	92.6	0.15
2002-02-05 19:00	67.22	9.07	49.77	5.444	-1.04	34.87	92.6	0.1
2002-02-05 20:00	77.3	11.07	62.05	6.782	-1.041	34.8	93.1	0.1
2002-02-05 21:00	66.26	10.94	50.03	6.792	-1.036	34.88	92.5	0.09
2002-02-05 22:00	64.29	10.43	54.01	6.628	-1.017	34.79	92.5	0.1
2002-02-05 23:00	66.38	11.3	55.73	7.6	-1.024	34.65	92.6	0.07
2002-02-06 00:00	78.8	10.51	62.95	6.474	-1.012	34.77	92	0.05
2002-02-06 01:00	77.1	9.36	58.69	5.744	-1.034	34.77	92.1	0.04
2002-02-06 02:00	58.99	7.99	44.91	5.372	-0.987	34.93	92.3	0.03
2002-02-06 03:00	17.56	6.178	7.12	4.063	-0.924	35.07	93.7	0.12
2002-02-06 04:00	32.53	7.18	26.05	4.894	-0.989	35.18	94.8	0.1
2002-02-06 05:00	44.81	6.951	36.96	4.963	-1.023	35.42	95	0.05
2002-02-06 06:00	28.9	7.23	19.61	5.065	-1.012	35.8	94.7	0.03
2002-02-06 07:00	32.55	7.59	24.02	5.249	-1.023	35.93	94.5	0.01
2002-02-06 08:00	36.69	5.716	29.68	3.821	-1.006	36.15	94.2	0.06
2002-02-06 09:00	7.28	6.49	3.394	4.621	-1.016	36.62	94.4	0.01
2002-02-06 10:00	20.7	6.485	18.86	4.87	-1.077	36.86	94.2	0.02
2002-02-06 11:00	29.17	6.89	27.45	5.203	-1.097	37.33	93.5	0
2002-02-06 12:00	16.55	3.562	13	2.767	-1.138	37.95	91.7	0
2002-02-06 13:00	346.2	4.605	350.5	3.456	-1.164	38.45	91	0
2002-02-06 14:00	329.6	6.069	326.2	3.899	-1.213	38.69	91.4	0
2002-02-06 15:00	312.7	6.998	305.1	4.255	-1.154	39.03	90.8	0
2002-02-06 16:00	299.1	10.38	286.4	5.636	-1.044	39.39	89	0
2002-02-06 17:00	304.1	11.51	296.4	6.131	-1.021	39.05	88.7	0
2002-02-06 18:00	316.6	10	314.6	4.946	-1.019	38.41	89.7	0
2002-02-06 19:00	307.2	9.56	296.8	4.958	-0.986	38.39	89.3	0
2002-02-06 20:00	297.7	11.99	285.3	6.335	-1.057	37.91	90.7	0
2002-02-06 21:00	302.1	10.5	292.4	5.561	-1.021	37.82	90.4	0
2002-02-06 22:00	295.8	12.94	286.5	6.578	-1.022	37.82	87.1	0
2002-02-06 23:00	300.7	12.73	288.8	6.277	-1.035	36.73	91.4	0
2002-02-07 00:00	298.1	11.08	285.4	5.765	-1.024	36.49	91.4	0
2002-02-07 01:00	295.3	12.18	282.5	6.681	-1.036	36.5	89.7	0
2002-02-07 02:00	300.1	13.63	291.8	6.546	-1.035	36.12	87.6	0
2002-02-07 03:00	301.6	12.26	291.1	6.371	-1.023	35.88	85	0
2002-02-07 04:00	300.5	12.56	290.5	6.384	-1.013	35.88	84.5	0
2002-02-07 05:00	281.1	11.38	271.3	8	-1.016	35.91	84.5	0
2002-02-07 06:00	292.9	11.63	285.7	6.217	-1	36.17	84.5	0

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2002-02-07 07:00	309.1	12.73	302.6	6.304	-0.899	36.38	78	0
2002-02-07 08:00	300.8	11.27	289.4	5.938	-0.965	36.33	77.4	0
2002-02-07 09:00	325.9	11.82	326.2	6.533	-1.051	36.65	74.8	0
2002-02-07 10:00	333.9	11.23	335.2	6.397	-1.128	36.88	75.7	0
2002-02-07 11:00	345	10.4	351.7	6.929	-1.208	37.18	77	0
2002-02-07 12:00	338.6	11.18	342.2	6.913	-1.236	37.76	75	0
2002-02-07 13:00	341.7	9.38	344.5	6.134	-1.271	38.62	74.3	0
2002-02-07 14:00	332.3	8.47	338	5.544	-1.243	39.33	75.4	0
2002-02-07 15:00	340.8	8.53	346.1	5.81	-1.266	39.91	73.9	0
2002-02-07 16:00	335	7.69	334.7	5.075	-1.207	40.41	73.7	0
2002-02-07 17:00	321.3	7.19	320.7	4.06	-1.095	40.71	74.1	0
2002-02-07 18:00	321	5.053	330.5	2.672	-0.936	40.88	74.9	0
2002-02-07 19:00	316.4	5.385	318.6	2.4	-0.831	41.14	74.8	0
2002-02-07 20:00	310.9	4.155	325.6	1.83	-0.83	41.39	74.5	0
2002-02-07 21:00	296.8	3.612	327.8	1.116	-0.406	41.19	76	0
2002-02-07 22:00	248.7	2.91	114	1.194	0.939	39.77	81	0
2002-02-07 23:00	245.8	2.675	82.3	1.527	1.128	39.58	83.1	0
2002-02-08 00:00	319.1	3.88	40.99	2.143	1.958	38.99	84.5	0
2002-02-08 01:00	348.3	6.081	18.5	2.417	1.174	39.41	85	0
2002-02-08 02:00	355.5	6.998	3.235	3.076	0.072	39.31	84	0
2002-02-08 03:00	353.9	8.86	358.3	4.19	-0.156	38.24	86.6	0
2002-02-08 04:00	3.468	7.17	22.41	3.626	0.171	37.19	88.4	0
2002-02-08 05:00	18.11	6.834	46.03	3.04	1.58	35.05	92.8	0
2002-02-08 06:00	41.16	7.31	78.7	1.553	3.148	32.68	94.5	0
2002-02-08 07:00	50.82	7.59	108.4	1.285	3.929	31.08	95.6	0
2002-02-08 08:00	66.3	6.63	116.1	1.792	2.778	32.02	96	0
2002-02-08 09:00	87.1	5.199	109.4	2.738	-0.475	36.6	92.1	0
2002-02-08 10:00	110.4	3.866	113.9	3.285	-1.42	41.38	79.3	0
2002-02-08 11:00	126.3	6.167	126.8	5.014	-1.524	44.5	70.3	0
2002-02-08 12:00	137.5	6.577	141.1	5.162	-1.634	47.83	63.64	0
2002-02-08 13:00	183.1	4.699	182.6	3.953	-1.361	49.95	59.19	0
2002-02-08 14:00	257.8	6.392	245.8	5.317	-1.507	52.29	56.15	0
2002-02-08 15:00	297.9	7.33	289.3	5.919	-1.641	52.96	57.91	0
2002-02-08 16:00	298.2	5.908	289.5	4.661	-1.308	53.4	57.37	0
2002-02-08 17:00	291	5.967	277.7	4.687	-1.187	53.45	58.52	0
2002-02-08 18:00	285.8	5.011	280	2.564	-0.533	52.35	60.82	0
2002-02-08 19:00	270.1	5.004	67.71	0.843	2.114	49.23	68.58	0
2002-02-08 20:00	226.1	3.927	85	1.322	2.795	47.5	73.1	0
2002-02-08 21:00	186.8	4.596	118	1.779	4.518	45.24	78.5	0
2002-02-08 22:00	177.7	4.914	104.6	1.658	3.61	45.16	78	0
2002-02-08 23:00	195.8	6.396	116	1.771	3.632	43.62	81	0
2002-02-09 00:00	190.1	8.25	117.9	2.46	3.306	42.76	83	0
2002-02-09 01:00	176	8.71	132.7	3.27	1.575	42	83.7	0
2002-02-09 02:00	156.4	8.43	118.1	2.592	3.53	38.98	89.7	0
2002-02-09 03:00	181.9	7.96	136.4	2.281	2.247	39.53	90.6	0
2002-02-09 04:00	189.4	7.35	132.6	2.497	1.209	39.86	89.3	0
2002-02-09 05:00	169	8.87	131.6	3.528	1.87	38.25	90.4	0
2002-02-09 06:00	166.6	10.97	133.7	5.081	1.735	38.73	88.8	0
2002-02-09 07:00	144	10.74	105.1	4.013	2.341	35.55	93.7	0
2002-02-09 08:00	137.4	13.87	112.3	4.589	1.753	34.82	95.2	0
2002-02-09 09:00	144.9	13.31	128.3	5.595	0.35	39.43	91.4	0
2002-02-09 10:00	158.3	9.35	161.9	5.984	-0.904	46.78	77.4	0
2002-02-09 11:00	176.6	11.03	176.1	6.981	-1.165	52.34	69.87	0
2002-02-09 12:00	190.8	10.07	186.4	7.5	-1.606	57.35	58.41	0
2002-02-09 13:00	205.9	12.24	211.8	9.25	-1.865	61.17	52.31	0
2002-02-09 14:00	201.4	14.16	202.9	10.37	-1.782	63.71	51.35	0

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2002-02-09 15:00	206.4	15.28	209.4	11.1	-1.585	65.13	48.64	0
2002-02-09 16:00	199.7	13.91	203.3	9.94	-1.246	64.6	51.55	0
2002-02-09 17:00	236.4	13.86	242.6	8.47	-0.657	61.63	58.54	0
2002-02-09 18:00	206.2	10.16	206	6.254	-0.461	62.39	58.18	0
2002-02-09 19:00	190.6	9.03	188.2	3.526	0.25	61.24	62.47	0
2002-02-09 20:00	183.5	8.61	151.4	2.988	1.369	59.81	66.1	0
2002-02-09 21:00	151	14.39	153.8	6.024	0.997	57.31	71.6	0
2002-02-09 22:00	156	12.92	156.8	7.57	-0.383	57.67	74.4	0
2002-02-09 23:00	162	13.09	160.9	8.45	-0.668	57.35	75.9	0
2002-02-10 00:00	162.7	13.12	162	8.38	-0.624	57.09	76.9	0
2002-02-10 01:00	172.7	14.22	168.7	8.87	-0.647	57.3	78	0
2002-02-10 02:00	224.9	14.36	225.4	8.59	-0.62	56.32	84.1	0.08
2002-02-10 03:00	244.9	9.99	250.4	5.119	-0.267	53.53	94.8	0.01
2002-02-10 04:00	259.6	8.07	261.6	3.181	0.511	53.23	90.5	0
2002-02-10 05:00	284.8	10.2	276.4	3.887	0.458	52.81	79.1	0
2002-02-10 06:00	297.9	10.25	284.6	3.508	0.509	51.94	61.76	0
2002-02-10 07:00	296.4	11.74	283.2	5.208	-0.055	50.77	61.79	0
2002-02-10 08:00	311.6	11.38	299.3	5.412	-0.63	49.67	58.05	0
2002-02-10 09:00	299.7	12.65	289.5	7.09	-1.21	49.4	59.13	0
2002-02-10 10:00	309.7	13.68	295.7	8.11	-1.54	48.66	57.35	0
2002-02-10 11:00	299	12.73	286.6	8.35	-1.808	49.29	58.89	0
2002-02-10 12:00	305.8	11.64	296.7	7.44	-2.019	49.76	55.24	0
2002-02-10 13:00	304.4	13.08	296	8.06	-2.097	50.48	52.84	0
2002-02-10 14:00	307.9	11.23	295.9	7.38	-2.044	51.25	51.56	0
2002-02-10 15:00	312.6	10.66	308	7.22	-1.781	51.7	50.07	0
2002-02-10 16:00	341.6	12	344.6	8.17	-1.343	50.08	51.42	0
2002-02-10 17:00	333.2	10.69	333.9	6.628	-1.094	49.89	50.63	0
2002-02-10 18:00	334.1	11.85	340.6	6.895	-0.914	49	51.69	0
2002-02-10 19:00	338.2	12.33	343	7.23	-0.898	48.16	53.73	0
2002-02-10 20:00	340.7	13.49	346.8	8.05	-0.943	46.83	56.54	0
2002-02-10 21:00	343.4	11.73	348.9	6.878	-0.916	45.97	57.75	0
2002-02-10 22:00	339.5	10.52	343.2	6.036	-0.9	45.74	58.97	0
2002-02-10 23:00	346.4	9.91	349.4	5.832	-0.901	45.51	61.26	0
2002-02-11 00:00	345.6	12.06	351.5	7.58	-0.943	45	62.21	0
2002-02-11 01:00	340.8	11.9	343.6	7.43	-0.968	44.13	66.48	0
2002-02-11 02:00	350.7	13.16	352.9	8.47	-0.995	43.36	68.43	0
2002-02-11 03:00	352.9	10.83	358.6	7.73	-1.005	42.57	68.11	0
2002-02-11 04:00	350.1	8.89	355.3	5.768	-1	42.23	70.4	0
2002-02-11 05:00	351.3	8.68	358.8	5.995	-0.993	42.04	71.3	0
2002-02-11 06:00	0.511	8.45	1.793	5.67	-0.976	41.97	69.28	0
2002-02-11 07:00	3.61	8.66	6.304	6.071	-0.983	41.99	68.22	0
2002-02-11 08:00	7.36	9.05	9.52	6.651	-1.024	41.91	69.09	0
2002-02-11 09:00	13.79	10.89	12.04	8.18	-1.09	42.01	65.75	0
2002-02-11 10:00	12.19	9.18	11.6	7.35	-1.202	42.21	63.36	0
2002-02-11 11:00	10.48	10.73	7.38	8.54	-1.445	42.93	59.44	0
2002-02-11 12:00	348.6	9.21	349	7.57	-1.68	44.49	55.84	0
2002-02-11 13:00	325	9.45	317.8	7.4	-1.856	46.23	53.56	0
2002-02-11 14:00	331.2	8.86	332.5	6.676	-1.751	46.81	52.23	0
2002-02-11 15:00	324.3	7.58	319.4	6.135	-1.578	48.03	50.58	0
2002-02-11 16:00	346.4	8.13	349.5	6.366	-1.427	48.38	49.39	0
2002-02-11 17:00	348.5	7.46	350.9	5.833	-1.149	48.43	49.65	0
2002-02-11 18:00	346.5	5.946	352.3	3.609	-0.76	47.84	51.95	0
2002-02-11 19:00	346.9	6.244	19.75	2.561	0.365	45.96	57.5	0
2002-02-11 20:00	12.73	6.234	57.08	2.438	1.915	44.09	60.93	0
2002-02-11 21:00	18.87	4.022	82.5	1.519	3.697	42	65.97	0
2002-02-11 22:00	40.4	2.851	79.6	1.71	4.701	40.28	69.36	0

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2002-02-11 23:00	99	4.125	107.4	2.183	6.339	38.37	74	0
2002-02-12 00:00	153.4	5.586	125.4	3.283	8.23	36.19	84.4	0
2002-02-12 01:00	139.7	6.139	114.3	2.704	8.79	34.61	85.1	0
2002-02-12 02:00	156.2	9.91	122.1	3.857	8.41	34.2	85.8	0
2002-02-12 03:00	217.5	6.496	102.8	1.88	4.816	33.98	87.7	0
2002-02-12 04:00	192.2	6.807	105	1.924	4.262	35.07	85.1	0
2002-02-12 05:00	199.4	7.5	96.7	2.013	7.49	33.12	86.3	0
2002-02-12 06:00	206.3	6.062	88	1.792	7.83	31.5	90.6	0
2002-02-12 07:00	205.4	6.46	102.2	1.922	6.491	31.76	90.9	0
2002-02-12 08:00	222.9	6.05	112.4	1.59	4.823	33	90.9	0
2002-02-12 09:00	235.5	5.934	208.2	2.672	-0.459	38.47	83.3	0
2002-02-12 10:00	222.4	3.063	203.8	3.001	-1.534	43.9	74.4	0
2002-02-12 11:00	289.2	4.672	286.9	3.905	-1.452	47.63	62.19	0
2002-02-12 12:00	270.9	4.975	266.3	4.639	-1.428	49.42	52.55	0
2002-02-12 13:00	274.8	5.555	268.5	4.732	-1.429	51.89	44.59	0
2002-02-12 14:00	283.4	5.98	277.5	4.939	-1.276	53.74	35.7	0
2002-02-12 15:00	295.7	5.701	286.3	4.224	-1.275	54.21	38.6	0
2002-02-12 16:00	312.1	4.857	303.1	3.429	-1.108	54.69	39.09	0
2002-02-12 17:00	288.9	2.989	286.1	1.893	-0.927	54.86	40.18	0
2002-02-12 18:00	352.2	2.938	36.81	1.916	0.48	53.44	44.51	0
2002-02-12 19:00	22.01	7.9	30.5	4.458	0.484	52.89	45.04	0
2002-02-12 20:00	37.9	7.73	46.23	4.388	0.072	52.29	44.26	0
2002-02-12 21:00	115.7	2.831	79.6	2.196	1.134	51.12	44.81	0
2002-02-12 22:00	80.9	1.941	85.6	1.396	1.893	50.16	45.41	0
2002-02-12 23:00	303.3	2.013	26.84	1.806	2.488	49.32	46.56	0
2002-02-13 00:00	207.7	3.016	99.2	2.046	2.372	49.06	52.42	0
2002-02-13 01:00	334	4.873	2.487	2.795	2.667	48.3	54.41	0
2002-02-13 02:00	28.16	3.159	110	1.44	1.535	47.93	59.96	0
2002-02-13 03:00	35.64	4.706	76.1	1.911	2.296	47.74	58.07	0
2002-02-13 04:00	57.06	6.707	78	2.263	2.74	47.79	54.42	0
2002-02-13 05:00	57.28	4.067	94.9	1.869	3.33	46.41	60.98	0
2002-02-13 06:00	49.05	4.958	76.3	1.887	3.83	45.75	60.84	0
2002-02-13 07:00	38.67	5.636	74.2	1.525	5.303	44.02	60.85	0
2002-02-13 08:00	30.36	6.88	29.31	1.986	4.844	44.29	57.78	0
2002-02-13 09:00	29.31	7.28	2.702	4.481	0.498	48.76	55.74	0
2002-02-13 10:00	27.88	6.038	23	5.412	-1.315	53.46	45.24	0
2002-02-13 11:00	28.12	7.42	26.16	5.936	-1.451	55.79	41.2	0
2002-02-13 12:00	10.63	7.71	6.673	6.877	-1.253	57.44	37.93	0
2002-02-13 13:00	332.2	10	337.1	7.75	-1.677	58.4	38.28	0
2002-02-13 14:00	338	10.46	345	8.05	-1.609	59.01	37.57	0
2002-02-13 15:00	339.4	12.23	342.2	8.87	-1.59	59.32	32.61	0
2002-02-13 16:00	344.2	13.69	345	9.14	-1.428	58.95	33.8	0
2002-02-13 17:00	349.5	14.11	351.6	9.61	-1.098	57.71	38.01	0
2002-02-13 18:00	359.9	12.97	0.563	8.5	-0.755	55.27	41.19	0
2002-02-13 19:00	7.29	11.54	8.97	7.67	-0.653	52.86	47.85	0
2002-02-13 20:00	15.72	10.95	14.47	7.46	-0.609	50.68	52.14	0
2002-02-13 21:00	18.93	11.07	17.3	6.67	-0.359	48.86	56.13	0
2002-02-13 22:00	17.86	10.55	17.86	6.093	-0.348	47.32	59.35	0
2002-02-13 23:00	20.19	11.52	18.11	7.27	-0.563	45.9	57.8	0
2002-02-14 00:00	28.65	11.04	28.98	7.61	-0.575	44.38	55.01	0
2002-02-14 01:00	33.78	8.81	36.87	4.912	-0.384	43.01	55.13	0
2002-02-14 02:00	47.14	7.04	63.38	2.591	0.245	41.33	57.4	0
2002-02-14 03:00	64.94	6.368	112.6	1.431	1.233	39.34	60.81	0
2002-02-14 04:00	72	8.31	81.1	2.568	0.674	38.54	62.61	0
2002-02-14 05:00	75.1	8.38	67.69	2.911	0.055	38.03	61.01	0
2002-02-14 06:00	63.43	8	50.51	3.402	0.175	36.88	63.33	0

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2002-02-14 07:00	66.54	9.5	55.27	3.978	0.181	36.13	65.26	0
2002-02-14 08:00	67.81	9.04	57.27	4.787	-0.342	36.87	61.31	0
2002-02-14 09:00	98.6	7.65	88.2	4.983	-1.09	40.7	50.07	0
2002-02-14 10:00	97.1	8.76	80.3	6.008	-1.419	44.34	39.55	0
2002-02-14 11:00	78.3	7.32	59.21	5.961	-1.432	48.24	30.17	0
2002-02-14 12:00	340.8	4.352	336.9	3.971	-1.545	51.16	28.45	0
2002-02-14 13:00	314.5	6.164	305.7	5.379	-1.524	52.75	28.36	0
2002-02-14 14:00	324.2	6.208	325.4	5.324	-1.541	54.29	25.77	0
2002-02-14 15:00	297.4	5.425	288.9	4.58	-1.329	55.59	24.13	0
2002-02-14 16:00	304.8	5.605	308.3	4.55	-1.243	56.04	24.36	0
2002-02-14 17:00	299.3	3.955	279.9	3.275	-0.991	55.7	26.74	0
2002-02-14 18:00	305.9	2.912	331.7	1.693	-0.2	54.63	28.48	0
2002-02-14 19:00	293.9	3.276	67.56	1.496	2.348	51.49	33.23	0
2002-02-14 20:00	215.3	2.458	104.6	1.402	3.675	49.87	36.19	0
2002-02-14 21:00	137.8	2.888	75.8	2.16	4.842	48.6	38.28	0
2002-02-14 22:00	112.5	7.35	116.3	1.892	8.1	44.52	45.09	0
2002-02-14 23:00	131.5	6.972	153	2.726	6.548	43.96	48.05	0
2002-02-15 00:00	129.9	6.503	31.5	1.333	8.68	42.01	54.52	0
2002-02-15 01:00	149.5	9.46	116.3	2.977	10.61	40.94	59.14	0
2002-02-15 02:00	168.1	11.96	110.5	3.532	8.06	41.71	57.59	0
2002-02-15 03:00	163.8	12.04	117.8	3.651	5.815	41.13	62.74	0
2002-02-15 04:00	148.1	9.69	101.8	2.721	6.586	39.03	70.1	0
2002-02-15 05:00	137.7	8.79	75.6	2.638	6.941	38.22	74.4	0
2002-02-15 06:00	112.3	7.71	62.19	2.359	6.631	36.71	78.8	0
2002-02-15 07:00	123.7	11.14	96.1	3.305	7.52	37.31	77	0
2002-02-15 08:00	129.3	15.37	103.9	4.127	6.725	37.74	75.8	0
2002-02-15 09:00	130.6	12.85	113.4	4.027	1.902	43.12	66.99	0
2002-02-15 10:00	140.8	7.57	145.4	4.61	-1.163	52.34	46.41	0
2002-02-15 11:00	157.7	5.465	154.2	4.75	-1.46	60.54	37.95	0
2002-02-15 12:00	260.7	7.67	263.2	6.408	-1.634	64.2	45.2	0
2002-02-15 13:00	279.8	7.45	273.4	5.952	-1.486	64.91	45.65	0
2002-02-15 14:00	289.3	7.12	282.2	5.314	-1.429	65.54	42.31	0
2002-02-15 15:00	253.7	8.38	253	5.917	-1.059	64.92	44.5	0
2002-02-15 16:00	234.2	8.38	236.4	5.393	-1.014	63.52	53.1	0
2002-02-15 17:00	237.9	8.06	242.4	4.426	-0.765	62.38	58.3	0
2002-02-15 18:00	250.5	6.396	244.9	2.863	-0.563	61.51	61.36	0
2002-02-15 19:00	246.8	7.5	237.6	3.316	-0.262	60.37	63.68	0
2002-02-15 20:00	244.5	7.02	252	2.984	-0.279	59.38	63.74	0
2002-02-15 21:00	314.4	9.45	325.5	3.894	-0.329	58.01	67.66	0
2002-02-15 22:00	343.1	14.81	347.7	8.91	-1	53.15	67.33	0
2002-02-15 23:00	359.7	10.3	359	7.28	-1.014	49.13	78.9	0
2002-02-16 00:00	341.9	8.38	340.2	5.173	-1.032	47.93	85.6	0
2002-02-16 01:00	341.6	9.48	346.8	5.649	-1.029	47.19	87.6	0
2002-02-16 02:00	344.1	10.24	348.3	6.453	-1.02	46.7	87.4	0
2002-02-16 03:00	348.3	11.75	354.4	7.81	-1.006	46.34	84.2	0
2002-02-16 04:00	349.4	9.5	351.2	6.141	-0.999	45.78	83.5	0
2002-02-16 05:00	340.2	8.3	343.3	4.637	-0.924	43.74	86.5	0
2002-02-16 06:00	335.1	7.23	333.7	3.29	-0.664	41.91	90.1	0
2002-02-16 07:00	324.8	6.836	323.3	2.668	-0.578	40.75	92.4	0
2002-02-16 08:00	321.1	6.449	314	3.496	-0.942	40.21	93.7	0
2002-02-16 09:00	339.9	6.991	344.3	5.223	-1.257	40.18	93	0
2002-02-16 10:00	318.7	5.32	313.8	4.36	-1.462	42.32	85.6	0
2002-02-16 11:00	304.2	5.978	286.6	5.209	-1.504	46.34	71.5	0
2002-02-16 12:00	330.9	7.27	333.1	5.669	-1.662	50.21	53.72	0
2002-02-16 13:00	351.9	8.81	1.284	7.67	-1.575	52.82	39.37	0
2002-02-16 14:00	355.4	8.7	359.3	7.05	-1.607	54.64	35.84	0

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2002-02-16 15:00	315.8	4.538	306.6	3.76	-1.44	56.59	35.91	0
2002-02-16 16:00	302.1	5.211	311.7	3.808	-1.23	58.38	31.72	0
2002-02-16 17:00	302.5	6.798	287	4.795	-1.1	59.73	28.83	0
2002-02-16 18:00	301.2	6.121	293.9	2.392	-0.335	58.72	29.67	0
2002-02-16 19:00	273.2	6.77	8.7	1.079	2.447	54.61	36.45	0
2002-02-16 20:00	267.8	5.061	81.2	1.256	4.044	52.27	40.09	0
2002-02-16 21:00	242.2	6.189	93.4	1	4.683	50.68	41.97	0
2002-02-16 22:00	242.4	8.02	83.8	1.132	4.632	49.94	42.21	0
2002-02-16 23:00	242.6	9.24	71.6	0.739	3.967	49.37	42.15	0
2002-02-17 00:00	259.1	8.67	250.8	1.072	3.446	49.01	43.12	0
2002-02-17 01:00	270.1	6.586	76.9	0.983	3.119	48.37	44.87	0
2002-02-17 02:00	258.3	7.31	129.6	0.776	3.217	47.65	46.71	0
2002-02-17 03:00	263.3	7.92	258.5	1.228	2.505	47.01	47.99	0
2002-02-17 04:00	281.9	6.697	238.3	1.154	1.971	46.2	54.6	0
2002-02-17 05:00	311.7	6.142	284.4	1.424	2.295	45.73	56.83	0
2002-02-17 06:00	344.7	7.13	345.7	1.299	3.279	43.89	61.76	0
2002-02-17 07:00	356.3	6.653	319.7	1.504	4.217	41.79	70.5	0
2002-02-17 08:00	9.06	7.49	15.87	2.939	1.848	44.25	57.04	0
2002-02-17 09:00	23.65	8.67	16.52	6.185	-0.588	48.5	50.44	0
2002-02-17 10:00	54.5	6.672	42.52	5.677	-1.203	54.25	40.51	0
2002-02-17 11:00	42.43	7.59	34.18	6.571	-1.342	58.48	31.52	0
2002-02-17 12:00	38.83	8.95	32.63	7.88	-1.413	60.53	26.86	0
2002-02-17 13:00	350.7	8.49	346.4	6.511	-1.554	62.43	25.79	0
2002-02-17 14:00	337.4	9.19	340.1	7.02	-1.545	63.16	24	0
2002-02-17 15:00	320.8	7.78	322.7	6.284	-1.315	64.08	22.82	0
2002-02-17 16:00	333.1	7.73	340.4	6.03	-1.207	64.09	21.92	0
2002-02-17 17:00	339.6	7.5	345	5.282	-0.994	63.63	23.85	0
2002-02-17 18:00	13.83	6.968	12.61	4.674	-0.526	62.29	23.84	0
2002-02-17 19:00	16.48	7.84	24.24	3.904	0.568	59.04	27.12	0
2002-02-17 20:00	29.52	8.7	30.34	4.298	0.427	56.67	27.53	0
2002-02-17 21:00	48.94	7.49	53.35	2.378	1.264	53.99	31.2	0
2002-02-17 22:00	61.18	6.97	100.6	1.745	1.884	51.83	36.65	0
2002-02-17 23:00	74.2	8.57	85.5	2.143	1.192	51.48	39.54	0
2002-02-18 00:00	84.5	8.17	110.6	1.953	0.813	51.11	40.2	0
2002-02-18 01:00	98.2	7.54	119.6	2.349	1.665	48.77	44.41	0
2002-02-18 02:00	106.3	11.78	82.5	3.95	0.613	48.76	44.16	0
2002-02-18 03:00	110.6	14.23	88.4	5.056	0.368	48.71	43.09	0
2002-02-18 04:00	116.7	14.7	93.7	4.054	0.246	48.07	43.81	0
2002-02-18 05:00	115.8	12.81	89.8	3.257	0.422	47.07	45.77	0
2002-02-18 06:00	119.8	14.96	108.9	3.603	0.41	46.43	46.51	0
2002-02-18 07:00	123	16.86	120.4	4.227	0.481	45.53	48.34	0
2002-02-18 08:00	123.5	16.94	127.1	5.361	-0.299	45.85	47.95	0
2002-02-18 09:00	126.9	14.33	138.9	7.31	-1.054	48.51	43.85	0
2002-02-18 10:00	127.6	13.24	135.8	7.26	-1.507	53.03	39.23	0
2002-02-18 11:00	137.9	11.3	146.5	7.3	-1.688	59.98	29.13	0
2002-02-18 12:00	142.9	11.29	150.2	8.12	-1.647	63.67	25.49	0
2002-02-18 13:00	152.7	10.89	156	8.18	-1.652	66.85	23.4	0
2002-02-18 14:00	146.3	12.01	150.8	8.47	-1.588	68.82	20.87	0
2002-02-18 15:00	152.5	13.59	155.9	9.58	-1.419	69.8	20.53	0
2002-02-18 16:00	159	11.75	162.2	8.02	-1.29	70.5	22.17	0
2002-02-18 17:00	151.3	12.43	156.4	8.14	-0.956	69.75	25.89	0
2002-02-18 18:00	146.5	12.14	146	6.598	-0.355	67.94	28.89	0
2002-02-18 19:00	146.7	13.89	145.6	6.499	0.06	65.25	35.06	0
2002-02-18 20:00	150.2	14.33	149.6	7.91	-0.289	63.52	46.8	0
2002-02-18 21:00	146.8	15.98	147.5	8.63	-0.391	61.54	55.03	0
2002-02-18 22:00	143.1	14.63	146.2	7.9	-0.475	59.54	60.8	0

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2002-02-18 23:00	144	15.19	149.6	8.89	-0.553	57.95	65.76	0
2002-02-19 00:00	137.5	14.39	144.2	7.23	-0.527	56.62	70.1	0
2002-02-19 01:00	126.8	15.99	132	6.77	-0.487	55.62	73.3	0
2002-02-19 02:00	125.7	16.51	129.2	6.696	-0.498	54.78	76	0
2002-02-19 03:00	127.7	17.07	134.5	7.64	-0.667	54.42	77.8	0
2002-02-19 04:00	126.1	15.67	133.5	6.39	-0.626	54.93	78.5	0
2002-02-19 05:00	127.8	15.94	137.9	6.986	-0.612	55.48	78.8	0
2002-02-19 06:00	120	13.84	117.8	5.291	-0.704	54.98	80.1	0
2002-02-19 07:00	120.9	15.17	129.5	5.987	-0.71	54.15	82.4	0
2002-02-19 08:00	122.7	13.85	134.7	6.031	-0.759	55.89	81.6	0
2002-02-19 09:00	126.5	15.18	132.6	7.46	-1.038	57.76	78.9	0
2002-02-19 10:00	135.1	15.32	141.7	9.24	-1.372	61.78	72	0
2002-02-19 11:00	143.4	15.71	150.2	10.08	-1.238	65.48	65.39	0
2002-02-19 12:00	152.1	16.07	156	10.95	-1.557	69.18	60.17	0
2002-02-19 13:00	158	19.36	159.4	13.14	-1.213	70.4	58.76	0
2002-02-19 14:00	154.6	18.8	156.8	12.3	-1.006	70.8	58.28	0
2002-02-19 15:00	148.5	23	152.5	14.68	-0.977	71	58.38	0
2002-02-19 16:00	152	20.75	154.3	13.57	-0.824	71.5	58.82	0
2002-02-19 17:00	155.7	24.1	157.2	15.52	-0.784	72.9	56.64	0
2002-02-19 18:00	153.6	24.51	155.7	16.34	-0.748	72.8	57.4	0
2002-02-19 19:00	155.5	26.16	156.1	16.71	-0.765	70.8	67.72	0
2002-02-19 20:00	157	27.36	157.5	17.9	-0.8	70.1	71.7	0
2002-02-19 21:00	187.6	25.34	186.1	16.38	-0.752	66.84	81.1	0.75
2002-02-19 22:00	243.4	17.18	244.4	10.62	-0.583	59.06	96.3	0.69
2002-02-19 23:00	222.7	13.96	223.9	8.8	-0.753	56.8	93.1	0.18
2002-02-20 00:00	201.7	9.84	190.3	5.405	-0.573	54.55	92.1	0.2
2002-02-20 01:00	183.8	9.18	175.2	4.946	-0.512	54.37	91.9	0.16
2002-02-20 02:00	191.4	9.89	180.5	5.091	-0.336	54.73	90.8	0
2002-02-20 03:00	204.8	10.84	194.8	4.789	-0.08	56.33	91.1	0
2002-02-20 04:00	215.8	11.5	211.4	6.06	-0.134	58.05	90.1	0
2002-02-20 05:00	230.5	11.84	231.2	5.868	0.325	57.94	87.8	0
2002-02-20 06:00	239.2	12.35	247.9	5.678	0.367	57.19	84.5	0
2002-02-20 07:00	254	11.14	259.6	5.262	0.229	55.95	81.7	0
2002-02-20 08:00	268.1	10.75	264.5	6.416	-0.286	55.66	76.7	0
2002-02-20 09:00	266.3	9.01	261.5	6.153	-0.955	57.95	66.67	0
2002-02-20 10:00	256.2	9.52	253.6	6.972	-1.259	60.18	58.89	0
2002-02-20 11:00	248.3	9.79	249.5	7.35	-1.525	62.04	55.83	0
2002-02-20 12:00	280.1	12	271.3	8.15	-1.689	63.99	48.34	0
2002-02-20 13:00	280.2	12.28	273	8.72	-1.628	64.86	46.95	0
2002-02-20 14:00	286.5	11.51	276.2	7.93	-1.729	66.28	41.9	0
2002-02-20 15:00	284.4	11.41	274.5	7.86	-1.659	66.98	39.57	0
2002-02-20 16:00	292	11.17	279.4	7.18	-1.505	67.36	35.52	0
2002-02-20 17:00	301.5	7.62	282.3	5.133	-1.11	67.01	33.12	0
2002-02-20 18:00	288.2	7.61	272	3.402	-0.264	65.43	33.1	0
2002-02-20 19:00	283.8	4.708	64.81	1.435	2.878	61.67	39.33	0
2002-02-20 20:00	241.5	2.768	89.7	1.537	4.623	58.97	44.14	0
2002-02-20 21:00	192.9	1.689	92.6	1.856	7.14	56.4	49.11	0
2002-02-20 22:00	145.7	4.58	116	2.254	9.7	53.29	56.8	0
2002-02-20 23:00	157.6	5.405	91.9	2.116	9.87	52.5	58.72	0
2002-02-21 00:00	184.3	3.225	129.6	2.041	10.26	49.72	65.14	0
2002-02-21 01:00	190.5	5.354	104.1	2.23	8.92	48.38	74.4	0
2002-02-21 02:00	174	7	95	2.539	11.43	47.23	77	0
2002-02-21 03:00	154.6	10.15	110.4	5.037	10.83	47.07	74	0
2002-02-21 04:00	159.5	10.56	106.6	4.254	9.42	46.53	73.9	0
2002-02-21 05:00	156.2	12.59	106.2	4.819	9.51	46.71	72.4	0
2002-02-21 06:00	149.7	13.06	109.6	4.634	8.04	46.91	71.6	0

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2002-02-21 07:00	157.6	11.09	103.1	3.082	8.6	46.25	73	0
2002-02-21 08:00	154.9	9.42	107.2	2.374	8.5	46.62	73.7	0
2002-02-21 09:00	149.3	9.71	115.8	4.155	4.127	52.98	62.76	0
2002-02-21 10:00	133.7	5.221	136.5	3.702	-0.958	60.96	49.54	0
2002-02-21 11:00	273.2	3.799	259.7	3.258	-1.278	66.1	39.85	0
2002-02-21 12:00	309.4	5.252	304	4.316	-1.274	68.58	33.02	0
2002-02-21 13:00	293.7	6.855	290.6	5.416	-1.489	70.5	30.54	0
2002-02-21 14:00	297.3	6.087	294.7	4.775	-1.34	71.2	28.99	0
2002-02-21 15:00	289.2	6.24	287	5.089	-1.205	72.1	28.57	0
2002-02-21 16:00	353.4	10.23	352.3	7.84	-1.252	71.8	30.5	0
2002-02-21 17:00	358.9	12.27	358.5	9.06	-1.023	69.99	34.99	0
2002-02-21 18:00	357.5	13.8	356.3	9.23	-0.715	65.91	42.92	0
2002-02-21 19:00	11.9	12.6	10.05	8.9	-0.786	62.46	51.25	0
2002-02-21 20:00	16.14	11.17	14.49	7.98	-0.733	60.24	56.95	0
2002-02-21 21:00	17.97	10.05	13.04	7.34	-0.843	58.82	56.26	0
2002-02-21 22:00	18.71	8.2	9.55	5.431	-0.775	57.44	57.78	0
2002-02-21 23:00	352.3	8.27	349.2	5.027	-0.735	56.33	58.64	0
2002-02-22 00:00	345.4	7.12	340.3	3.755	0.138	54.02	66.39	0.02
2002-02-22 01:00	331.7	11	342.5	5.337	-0.479	53.62	65.28	0
2002-02-22 02:00	0.654	9.71	2.542	5.522	-0.662	49.76	83.3	0.06
2002-02-22 03:00	32.04	9.05	32.71	5.711	-0.713	48.38	88.6	0.04
2002-02-22 04:00	23.47	10.77	21.28	7.02	-0.685	46	78.9	0.01
2002-02-22 05:00	24.67	7.59	22.8	3.84	-0.4	44.5	80.7	0
2002-02-22 06:00	358.3	7.54	356.9	4.254	-0.607	44.98	76.1	0
2002-02-22 07:00	4.001	10.07	6.051	6.511	-0.794	44.12	69.61	0
2002-02-22 08:00	360	10.22	2.546	7.32	-0.971	43.78	69.35	0
2002-02-22 09:00	3.172	12.06	2.36	8.93	-1.117	43.9	67.48	0
2002-02-22 10:00	1.857	12.94	356.9	9.78	-1.401	44.8	64.67	0
2002-02-22 11:00	353.4	11.75	353	9.11	-1.557	47.04	60.11	0
2002-02-22 12:00	352	11.87	351.4	8.67	-1.565	47.95	56.89	0
2002-02-22 13:00	357.3	11.97	2.314	9.41	-1.653	50.43	51.38	0
2002-02-22 14:00	355.7	12.27	359.5	9.55	-1.643	51.54	48.84	0
2002-02-22 15:00	0.261	11.8	2.165	9.59	-1.519	51.78	50.36	0
2002-02-22 16:00	352.4	12.16	351.1	9.09	-1.484	52.02	50.45	0
2002-02-22 17:00	0.936	11.87	6.344	8.76	-1.244	51.33	47.48	0
2002-02-22 18:00	15.61	10.22	17.6	7.66	-0.903	49.41	52.13	0
2002-02-22 19:00	21.36	9.19	19.93	6.414	-0.731	47.04	57.94	0
2002-02-22 20:00	23.02	9.05	22.38	6.27	-0.719	44.95	61.69	0
2002-02-22 21:00	40.14	8.95	41.69	6.206	-0.737	42.68	65.52	0
2002-02-22 22:00	45.55	7.26	47.27	4.276	-0.566	40.53	68.57	0
2002-02-22 23:00	46.51	7.21	44.31	3.93	-0.442	38.92	71	0
2002-02-23 00:00	36.56	7.17	30.24	2.973	0.118	37.42	74	0
2002-02-23 01:00	46.2	6.827	62.94	2.13	0.473	36.13	75.5	0
2002-02-23 02:00	49.5	6.469	49.15	1.689	0.926	34.86	78.4	0
2002-02-23 03:00	55.54	6.084	83	1.156	1.903	33.42	81.9	0
2002-02-23 04:00	65	5.392	48.53	1.396	2.372	32.49	85	0
2002-02-23 05:00	35.63	5.243	42.81	2.306	2.773	31.93	87.8	0
2002-02-23 06:00	35.77	7.3	42.78	2.489	3.017	32.02	88.3	0
2002-02-23 07:00	34.29	8.39	29.59	3.21	1.849	33.31	83	0
2002-02-23 08:00	31.45	7.46	32.1	4.006	0.476	34.96	76	0
2002-02-23 09:00	52.45	7.22	38.11	5.903	-1.131	38.83	65.23	0
2002-02-23 10:00	55.19	6.878	42.82	5.978	-1.39	42.01	56.1	0
2002-02-23 11:00	29.96	5.408	22.21	5.034	-1.519	45.21	47.88	0
2002-02-23 12:00	313.2	7.23	318.9	6.214	-1.51	47.63	45.65	0
2002-02-23 13:00	324.9	7.81	327.1	6.437	-1.563	50.53	36.18	0
2002-02-23 14:00	324.1	7.48	327	6.026	-1.497	52.85	34.01	0

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2002-02-23 15:00	334.3	7.72	338.4	6.057	-1.586	54.69	30.13	0
2002-02-23 16:00	335.6	6.502	346.1	4.985	-1.375	55.67	30.14	0
2002-02-23 17:00	334	6.623	339.7	5.188	-1.118	56.12	28.85	0
2002-02-23 18:00	333.8	6.553	343.6	4.161	-0.73	55.64	28.81	0
2002-02-23 19:00	351.5	6.867	9.03	2.839	1.003	53.39	32.99	0
2002-02-23 20:00	8.45	5.596	61	2.2	3.907	50.1	36.5	0
2002-02-23 21:00	344.2	3.84	42.34	1.331	4.637	47.99	38.82	0
2002-02-23 22:00	340.8	4.251	79.7	1.352	4.523	46.67	42.78	0
2002-02-23 23:00	59.63	4.547	110.7	2.314	6.192	44.28	49.25	0
2002-02-24 00:00	109.9	4.374	97.3	2.157	8.21	41.69	58.95	0
2002-02-24 01:00	119.7	6.117	89.3	2.26	10.03	39.84	64.04	0
2002-02-24 02:00	131.9	6.699	87.5	2.006	11.11	38.59	68.29	0
2002-02-24 03:00	137.3	9.57	112	4.126	10.68	39	67.6	0
2002-02-24 04:00	136.8	12.05	106.7	4.699	9.84	38.23	67.94	0
2002-02-24 05:00	136.6	11.24	121.5	2.223	9.35	35.99	75.1	0
2002-02-24 06:00	143.4	9.16	138.5	2.212	7.94	34.5	80.7	0
2002-02-24 07:00	143	12.26	109.6	4.504	8.79	36.49	71.5	0
2002-02-24 08:00	142.4	14.12	114.7	5.211	7.2	38.12	66.99	0
2002-02-24 09:00	125.2	10.81	140.2	4.846	-0.807	44.95	53.21	0
2002-02-24 10:00	131.7	9.81	140.1	5.558	-1.695	51.98	43.57	0
2002-02-24 11:00	145.7	8.21	149.7	6.244	-1.68	58.34	33.65	0
2002-02-24 12:00	145.1	8.37	146.9	6.164	-1.619	62.6	23.56	0
2002-02-24 13:00	169.6	8.36	166.8	6.641	-1.668	65.77	19.08	0
2002-02-24 14:00	206.7	8.67	208.5	7.3	-1.445	68.02	17.32	0
2002-02-24 15:00	211.9	9.11	217	7.37	-1.491	69.4	17.32	0
2002-02-24 16:00	253.9	9.79	254.4	7.33	-1.344	68.56	20.83	0
2002-02-24 17:00	250.5	9.34	252.4	6.655	-1.148	67.49	23.6	0
2002-02-24 18:00	240.7	8.69	242	4.844	-0.468	65.23	26.98	0
2002-02-24 19:00	187.8	7.88	151.3	3.718	0.648	63.44	27.78	0
2002-02-24 20:00	162.2	10.99	165.7	5.815	0.374	62.44	27.49	0
2002-02-24 21:00	182.1	12.69	179.1	6.057	0.172	60.91	29.52	0
2002-02-24 22:00	163.1	11.88	158.2	6.531	0.019	58.28	33.57	0
2002-02-24 23:00	155.9	13.47	154.3	7.57	-0.064	55.98	41.71	0
2002-02-25 00:00	148.6	13.97	143	6.026	0.349	53.78	47.2	0
2002-02-25 01:00	152.9	14.54	143.5	6.389	0.522	52.1	52.13	0
2002-02-25 02:00	153.6	10	131.2	3.456	0.549	50.73	56.34	0
2002-02-25 03:00	139.4	13.67	140.8	4.358	0.707	49.35	61.44	0
2002-02-25 04:00	126.8	9.5	98.3	2.488	0.28	48.25	64.06	0
2002-02-25 05:00	125	12.54	113.8	3.405	0.031	47.44	67.06	0
2002-02-25 06:00	129	15.25	108.2	4.927	0.009	47.21	72.5	0
2002-02-25 07:00	137.6	17.63	110.5	5.829	0.692	48.25	75.4	0
2002-02-25 08:00	139.5	18.28	110.8	6.459	0.621	49.99	75.5	0
2002-02-25 09:00	139.2	17.2	121.5	7.18	-0.361	53.5	73.5	0
2002-02-25 10:00	138.8	15.84	128.1	7.4	-0.826	56.82	71	0
2002-02-25 11:00	147.8	14.45	144.7	8.78	-1.208	61.45	66.82	0
2002-02-25 12:00	161.5	12.23	166.4	8.76	-1.521	66.14	60.81	0
2002-02-25 13:00	195.3	11.93	201.1	8.87	-1.491	69.94	54.56	0
2002-02-25 14:00	237.9	11.27	245.3	7.4	-1.051	70.1	54.85	0
2002-02-25 15:00	205.3	13.08	208.5	9.02	-1.371	72.7	50.12	0
2002-02-25 16:00	202.2	14.82	203.7	10.59	-1.073	73	48.08	0
2002-02-25 17:00	206.1	10.5	208.3	7.03	-0.656	72.1	50.72	0
2002-02-25 18:00	191.4	11.75	191.8	6.796	-0.54	71.6	52.88	0
2002-02-25 19:00	193.3	9.71	195	4.856	-0.314	70.5	55.31	0
2002-02-25 20:00	201.9	8.87	202	4.753	-0.37	69.87	57.47	0
2002-02-25 21:00	207.5	10.98	205.4	6.406	-0.376	69.4	59.81	0
2002-02-25 22:00	215.2	12.53	217	7.48	-0.368	68.61	62.07	0

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2002-02-25 23:00	299.1	14.96	286.6	7.64	-0.682	61.88	72.6	0
2002-02-26 00:00	318.2	11.43	310.6	5.679	-0.838	57.73	65.68	0
2002-02-26 01:00	344.1	14.53	346.2	8.87	-1.047	53.01	75.1	0
2002-02-26 02:00	332.3	16.6	337.7	9.67	-1.037	49.36	74.1	0
2002-02-26 03:00	321.7	15.23	320.4	7.65	-1.074	46.45	74.1	0
2002-02-26 04:00	326.7	12.43	330.3	7	-1.071	44.1	75	0
2002-02-26 05:00	331.4	13.7	336.4	8.01	-1.078	43.07	74.3	0
2002-02-26 06:00	337.8	15.14	340.6	8.78	-1.107	41.47	73.1	0
2002-02-26 07:00	335.4	15.8	340.4	9.35	-1.057	40.12	65.96	0
2002-02-26 08:00	337.3	16.71	342.9	10.04	-1.122	38.82	60.68	0
2002-02-26 09:00	332.6	12.91	335	7.77	-1.299	38.57	63.48	0
2002-02-26 10:00	346.3	13.61	351.6	9.84	-1.604	38.86	61.01	0
2002-02-26 11:00	339.1	12.31	344.4	8.89	-1.835	40.06	57.6	0
2002-02-26 12:00	338.9	13.39	345.2	9.8	-1.89	40.67	53.79	0
2002-02-26 13:00	340.2	14.58	346.2	10.28	-1.958	41.52	47.77	0
2002-02-26 14:00	329.6	13.18	330.2	8.84	-1.96	42.7	44.68	0
2002-02-26 15:00	313.3	14.12	307.5	8.44	-2.128	43.21	41.05	0
2002-02-26 16:00	315.1	14.77	315.3	8.74	-1.82	43.27	34.38	0
2002-02-26 17:00	310	14.14	301.3	7.95	-1.503	43.44	34.74	0
2002-02-26 18:00	309.8	15.63	301.6	7.75	-0.908	42.65	31.47	0
2002-02-26 19:00	305.7	18.12	295.6	8.92	-0.666	40.92	27.38	0
2002-02-26 20:00	314	17.7	310.4	8.11	-0.715	38.54	28.35	0
2002-02-26 21:00	320.7	16.16	325.3	8.55	-0.81	35.91	29.9	0
2002-02-26 22:00	313.7	16.16	308.6	7.7	-0.804	33.82	31.81	0
2002-02-26 23:00	313.5	17.77	308.9	8.58	-0.856	31.97	32.35	0
2002-02-27 00:00	320.8	14.64	317.7	7.34	-0.874	30.4	34.38	0
2002-02-27 01:00	326.3	12.75	330.5	6.546	-0.892	28.9	36.93	0
2002-02-27 02:00	330.9	14.97	336.2	8.11	-0.942	27.86	37.48	0
2002-02-27 03:00	327.2	12.26	328.2	6.676	-0.974	26.71	41.26	0
2002-02-27 04:00	325.3	11.55	325.7	5.851	-0.924	25.7	41.55	0
2002-02-27 05:00	323.2	10.38	320.7	5.343	-0.931	25.15	43.06	0
2002-02-27 06:00	317	10	325	4.818	-0.858	24.78	46.81	0
2002-02-27 07:00	323	11.68	323.5	5.643	-0.969	24.03	47	0
2002-02-27 08:00	332.2	10.91	335.1	6.265	-1.392	24.2	47.04	0
2002-02-27 09:00	337.4	10.36	339.9	7.11	-1.872	25.22	40.93	0
2002-02-27 10:00	339.8	9.63	342.4	7.13	-1.959	26.57	37.53	0
2002-02-27 11:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 12:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 13:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 14:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 15:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 16:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 17:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 18:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 19:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 20:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 21:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 22:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-27 23:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 00:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 01:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 02:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 03:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 04:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 05:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 06:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

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2002-02-28 07:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 08:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 09:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 10:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 11:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 12:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 13:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 14:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 15:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 16:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 17:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 18:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 19:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 20:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 21:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 22:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-02-28 23:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 00:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 01:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 02:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 03:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 04:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2002-03-01 05:00	106	11.91	89.4	4.85	-0.686	41.99	57.98	0
2002-03-01 06:00	111.5	11.25	102.1	4.94	-0.791	43.18	53.48	0
2002-03-01 07:00	112	9.65	103.6	4.194	-0.893	43.38	54.1	0.01
2002-03-01 08:00	110.1	9.43	86.2	4.02	-0.269	41.12	72.5	0.06
2002-03-01 09:00	98.5	9.26	76.5	3.926	-0.662	40.6	81.7	0.03
2002-03-01 10:00	114.2	16.23	113.7	5.921	-0.979	40.55	89	0.05
2002-03-01 11:00	120.3	16.65	122.7	7.44	-1.039	41.91	86.9	0.01
2002-03-01 12:00	126.4	18.76	137.1	8.43	-1.036	42.38	91.1	0.02
2002-03-01 13:00	129	16.73	141.1	7.92	-0.941	43.8	93.2	0.1
2002-03-01 14:00	130.2	17.42	140.1	8.08	-0.941	44.63	94.3	0.13
2002-03-01 15:00	122.3	18.1	132.3	7.6	-0.977	45.19	95	0.06
2002-03-01 16:00	125.2	19.78	135	8.74	-0.953	45.59	95.2	0.1
2002-03-01 17:00	121.1	19.86	128.1	8.16	-0.965	45.53	95.3	0.08
2002-03-01 18:00	124.1	18.6	128.9	8.17	-0.941	45.62	94.6	0
2002-03-01 19:00	130.1	19.6	141	9.11	-0.819	46.34	94.3	0.04
2002-03-01 20:00	124	19.91	134	8.65	-0.828	47.01	95.2	0.08
2002-03-01 21:00	121.1	25.92	128.1	11.38	-0.791	47.45	95.5	0.03
2002-03-01 22:00	127.9	27.67	139.3	13.11	-0.541	48.72	95.4	0.01
2002-03-01 23:00	124.4	22.54	134.8	9.67	-0.497	49.51	94.5	0
2002-03-02 00:00	123.6	18.71	131.1	8.31	-0.494	50.66	94	0
2002-03-02 01:00	123.9	20.87	136.8	9.43	-0.627	52.36	93	0
2002-03-02 02:00	123.4	19.8	132.4	8.84	-0.862	52.33	90.3	0
2002-03-02 03:00	119.7	13.73	124.8	6.262	-0.877	52	89.3	0
2002-03-02 04:00	120.6	9.71	133.5	4.466	-0.874	51.78	89.8	0
2002-03-02 05:00	100.3	6.202	59.75	2.87	-0.667	51.33	90.6	0
2002-03-02 06:00	86.3	4.334	26.42	2.026	-0.488	50.56	92.5	0
2002-03-02 07:00	56.98	3.399	29.32	1.812	0.163	50.13	93.7	0
2002-03-02 08:00	86.3	5.141	34.17	1.813	-0.26	51.03	94.5	0
2002-03-02 09:00	135.3	4.487	162	2.947	-0.683	52.95	94.1	0
2002-03-02 10:00	145.4	3.758	146	2.389	-1.06	54.39	91.4	0
2002-03-02 11:00	178.8	3.882	187.8	3.055	-1.089	57.21	86.5	0
2002-03-02 12:00	238.8	4.861	249.8	4.065	-1.299	59.76	82.6	0
2002-03-02 13:00	248.7	8.75	249.6	6.691	-1.473	63.72	77	0
2002-03-02 14:00	254.2	13.11	254.6	9.16	-1.408	63.96	75.4	0

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2002-03-02 15:00	282.5	11.31	275.9	6.72	-0.921	62.8	77.7	0
2002-03-02 16:00	294	9.57	280.1	5.655	-1.114	60.84	81.9	0
2002-03-02 17:00	290.2	14.49	280.5	7.38	-0.862	58.5	86.4	0
2002-03-02 18:00	291.6	15.37	279.8	8.35	-0.891	51.27	93.5	0
2002-03-02 19:00	304.7	14.88	294.5	7.31	-0.993	46.6	90.9	0
2002-03-02 20:00	303	15.84	292.5	8.05	-1.096	43.69	91.6	0
2002-03-02 21:00	307.8	16.1	298.6	8.29	-1.102	39.63	93.6	0.01
2002-03-02 22:00	313.3	15.11	307.1	7.38	-1.067	37.77	92.6	0
2002-03-02 23:00	316.1	15.97	311.9	8.3	-1.087	36.33	92.5	0
2002-03-03 00:00	334.1	18.17	339.6	10.49	-1.053	34.99	79.3	0
2002-03-03 01:00	336.1	16.87	341.2	9.73	-1.165	32.7	77.7	0
2002-03-03 02:00	341.3	17.41	349.4	10.92	-1.168	30.85	76.2	0
2002-03-03 03:00	333.6	16.04	336.3	9.12	-1.177	30.11	75.6	0
2002-03-03 04:00	339.7	20.59	346	12.64	-1.213	29.07	72.6	0
2002-03-03 05:00	343	15.55	349.1	9.96	-1.209	28.33	70.4	0
2002-03-03 06:00	334.7	17.49	338.2	10.16	-1.233	27.35	66.93	0
2002-03-03 07:00	331.3	14.71	337.2	8.1	-1.22	26.86	66.61	0
2002-03-03 08:00	345.8	17.36	353.2	10.92	-1.287	26.56	65.53	0
2002-03-03 09:00	344.5	13.4	351.1	8.95	-1.357	26.89	65.14	0
2002-03-03 10:00	319.1	11.91	313.1	7.24	-1.446	27.03	64.63	0
2002-03-03 11:00	328.6	12.23	334	7.55	-1.662	27.36	62.25	0
2002-03-03 12:00	346	15.01	353	10.55	-1.998	29.21	58.41	0
2002-03-03 13:00	341.3	15.69	343.8	11.34	-1.999	30.95	52.92	0
2002-03-03 14:00	336.9	15.72	345.2	10.55	-2.051	32.91	48.83	0
2002-03-03 15:00	342.3	17.68	349.3	11.95	-1.924	34.02	42.79	0
2002-03-03 16:00	344	17.3	347	11.44	-1.728	34.96	38.87	0
2002-03-03 17:00	344.4	15.05	351.8	10.01	-1.397	35.33	36.96	0
2002-03-03 18:00	341.3	13.83	348.2	8.45	-1.019	34.87	36.62	0
2002-03-03 19:00	354.5	9.5	3.579	5.741	-0.706	33.62	35.04	0
2002-03-03 20:00	333.7	7.86	341.3	3.627	-0.424	32.77	38.63	0
2002-03-03 21:00	315.1	9.5	318.9	3.828	-0.442	32.03	40.69	0
2002-03-03 22:00	328.8	10.08	332.4	4.554	-0.567	31.32	37.94	0
2002-03-03 23:00	326.9	8.11	334.3	3.354	-0.568	30.48	42.77	0
2002-03-04 00:00	318.2	9.76	313.7	4.125	-0.616	29.7	41.29	0
2002-03-04 01:00	320.5	8.82	321.3	3.901	-0.63	28.77	40.4	0
2002-03-04 02:00	319.5	9.25	318.9	4.13	-0.694	27.98	40.81	0
2002-03-04 03:00	319.2	10.14	320.4	4.745	-0.734	26.84	42.54	0
2002-03-04 04:00	324.9	13.94	325.7	6.785	-0.856	25.71	41.03	0
2002-03-04 05:00	321.9	10.57	325.6	5.093	-0.803	24.67	42.43	0
2002-03-04 06:00	319	8.71	320.9	3.684	-0.708	24.16	43.84	0
2002-03-04 07:00	321.1	7.11	326.8	3.024	-0.778	23.81	45.66	0
2002-03-04 08:00	329.1	4.836	337.9	3.075	-1.187	24.82	46.3	0
2002-03-04 09:00	348.3	6.45	359.6	5.384	-1.553	26.81	39.43	0
2002-03-04 10:00	351	7.22	1.442	6.267	-1.584	28.97	36.03	0
2002-03-04 11:00	352.2	7.76	3.382	6.759	-1.763	31.54	34.2	0
2002-03-04 12:00	316.4	5.421	307.6	4.846	-1.706	34.14	34.68	0
2002-03-04 13:00	285.7	7.95	277.9	6.187	-1.823	36.99	35.47	0
2002-03-04 14:00	281.1	7.17	275.6	5.577	-1.796	38.81	34.22	0
2002-03-04 15:00	260.7	7.48	249.3	5.962	-1.631	40.94	33.18	0
2002-03-04 16:00	252.8	8.45	248.3	6.758	-1.634	42.19	32.88	0
2002-03-04 17:00	233.3	8	226.5	6.924	-1.436	43.08	31	0
2002-03-04 18:00	230.4	5.123	226.6	3.705	-0.994	43.22	31.11	0
2002-03-04 19:00	188.8	6.61	160	2.551	0.243	41.41	33.85	0
2002-03-04 20:00	171.1	8.93	154.8	3.913	0.618	40.13	36.91	0
2002-03-04 21:00	167.3	11.32	153.3	5.813	0.498	39.85	36.49	0
2002-03-04 22:00	169.4	10.47	148.4	4.629	0.831	38.96	38.08	0

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2002-03-04 23:00	181.2	10.17	172.1	4.21	0.556	37.4	41.34	0
2002-03-05 00:00	187.7	11.2	169.4	4.88	0.53	37.01	41.96	0
2002-03-05 01:00	197.8	9.87	172.7	3.696	0.53	36.62	43.54	0
2002-03-05 02:00	197.1	9.06	172.3	3.785	0.248	36.45	46.76	0
2002-03-05 03:00	196.4	9.11	160	3.842	0.628	35.77	51.79	0
2002-03-05 04:00	193.5	9.54	164.2	4.198	0.648	35.43	56.31	0
2002-03-05 05:00	193.9	8.66	151.9	3.505	1.327	34.22	59.75	0
2002-03-05 06:00	198.8	8.97	152.9	3.67	2.005	33.55	62.26	0
2002-03-05 07:00	199.3	9.21	158.3	3.642	1.618	33.99	63.1	0
2002-03-05 08:00	188.7	7.39	147.3	3.738	0.939	35.09	63.64	0
2002-03-05 09:00	193.7	5.5	179.3	3.898	-1.152	39.8	58.77	0
2002-03-05 10:00	242	7.62	238.6	6.238	-1.668	45.5	49.71	0
2002-03-05 11:00	258.5	7.72	256.4	6.294	-1.729	48.95	41.19	0
2002-03-05 12:00	261.8	8	263	6.578	-1.635	52.02	36.33	0
2002-03-05 13:00	277.9	6.854	274.7	5.471	-1.578	54.41	32.03	0
2002-03-05 14:00	293.8	7.7	287.8	6.148	-1.512	56.05	30.42	0
2002-03-05 15:00	264	7.68	262.4	6.026	-1.606	58.11	27.22	0
2002-03-05 16:00	258.6	8.24	252.4	6.577	-1.429	59.03	26.33	0
2002-03-05 17:00	249.4	9.44	251.4	7.06	-1.289	58.93	25.9	0
2002-03-05 18:00	250.2	9.51	252.1	5.672	-0.801	57.48	27.19	0
2002-03-05 19:00	233.2	9.03	232.4	4.001	0.777	54.11	32.11	0
2002-03-05 20:00	211.1	9.08	171	1.896	2.184	51.78	31.93	0
2002-03-05 21:00	178	11	149.3	4.615	1.669	50.76	30.51	0
2002-03-05 22:00	169.3	13.27	157.6	7.58	0.254	49.41	29.07	0
2002-03-05 23:00	171.5	13.27	158.7	7.01	0.227	47.75	32.65	0
2002-03-06 00:00	171.4	13.45	164.9	7.04	0.125	45.9	37.58	0
2002-03-06 01:00	152	10.59	143.7	4.297	0.499	43.33	44.13	0
2002-03-06 02:00	138.1	12.66	137.2	4.007	0.593	41.03	50.6	0
2002-03-06 03:00	136.2	11.12	123	3.175	1.046	39.85	55.62	0
2002-03-06 04:00	133	12.37	108.3	4.069	0.697	39.84	60.01	0
2002-03-06 05:00	123.3	11.55	105.2	3.366	-0.241	40.46	63.59	0
2002-03-06 06:00	123.2	12.13	126.8	4.349	-0.697	41.15	67.1	0
2002-03-06 07:00	124.6	12.18	129.5	4.004	-0.599	41.7	68.93	0
2002-03-06 08:00	124.9	12.44	129.5	4.304	-0.817	43.44	68.41	0
2002-03-06 09:00	125.2	12.03	127.1	4.764	-1.032	46.31	65.84	0
2002-03-06 10:00	128.3	11.76	132.4	5.773	-1.419	50.99	60.09	0
2002-03-06 11:00	142.3	12.86	147.9	8.77	-1.608	58.17	45.66	0
2002-03-06 12:00	148.5	13.89	158.9	9.96	-1.869	63.02	41.59	0
2002-03-06 13:00	163.2	13.29	163	9.99	-1.817	65.23	40.89	0
2002-03-06 14:00	170.8	10.02	176.8	7.53	-1.507	66.31	39.45	0
2002-03-06 15:00	169.4	10.89	174.7	7.7	-1.33	67.62	34.95	0
2002-03-06 16:00	146.9	12.38	152.5	8.19	-1.497	68.74	35.75	0
2002-03-06 17:00	153.6	12.91	157.4	8.77	-0.98	67.94	36.99	0
2002-03-06 18:00	160.1	10.16	164.8	6.022	-0.618	66.78	38.91	0
2002-03-06 19:00	156.2	11.48	156.2	5.787	-0.345	65.33	38.87	0
2002-03-06 20:00	147.7	14.15	147.4	7.11	-0.315	63.74	37.96	0
2002-03-06 21:00	154.5	14.49	155.9	8.4	-0.44	62.21	39.38	0
2002-03-06 22:00	152.7	14.19	153.1	8.37	-0.523	60.91	43.37	0
2002-03-06 23:00	149.6	15.27	150	9.09	-0.624	59.33	50.78	0
2002-03-07 00:00	146.6	16.11	147.9	9.27	-0.627	57.27	59.9	0
2002-03-07 01:00	147.2	12.38	147.2	6.756	-0.681	56.36	64.35	0
2002-03-07 02:00	144.9	11.76	150.8	6.307	-0.642	55.44	68.47	0
2002-03-07 03:00	144.7	10.2	155.8	5.249	-0.591	54.66	71.4	0
2002-03-07 04:00	137.3	7.32	140.6	2.543	-0.407	53.03	75.7	0
2002-03-07 05:00	128.1	8.37	126.7	2.557	0.062	51.66	79.4	0
2002-03-07 06:00	134.3	13.39	122.9	4.68	0.157	51.18	81.9	0

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2002-03-07 07:00	133	14.01	109.4	4.665	0.264	50.95	84.6	0
2002-03-07 08:00	129.2	12.68	104.2	4.668	-0.554	51.91	84.6	0
2002-03-07 09:00	134.6	9.92	132.4	4.71	-1.277	55.19	79.6	0
2002-03-07 10:00	129.8	7.03	127.5	4.574	-1.403	59.5	71.9	0
2002-03-07 11:00	137.3	5.337	141.7	4.648	-1.519	66.28	56.73	0
2002-03-07 12:00	143.5	6.027	137.4	4.717	-1.543	70.9	42.52	0
2002-03-07 13:00	220.3	7.49	230.1	5.903	-1.46	73.5	37.16	0
2002-03-07 14:00	261.3	8.08	262.8	6.335	-1.28	74.7	33.39	0
2002-03-07 15:00	229.4	6.562	234	4.804	-1.171	75.2	33.94	0
2002-03-07 16:00	174.4	10.17	176.1	6.875	-1.129	76.1	31.22	0
2002-03-07 17:00	156.4	11.79	159.5	7.68	-0.927	75.9	31.12	0
2002-03-07 18:00	154	12.69	155.6	7.69	-0.555	74.7	32.18	0
2002-03-07 19:00	146.1	12.07	140.1	4.84	0.359	71.7	36.74	0
2002-03-07 20:00	141.5	12.11	121.9	3.361	1.031	68.77	41.79	0
2002-03-07 21:00	136.3	10.68	166.4	2.568	1.713	65.3	47.18	0
2002-03-07 22:00	147.2	12.08	158.2	4.862	0.832	63.82	52.58	0
2002-03-07 23:00	150.5	14.4	143.4	7.21	-0.16	63.03	61.27	0
2002-03-08 00:00	143.2	14.81	143.6	7.47	-0.253	61.23	62.37	0
2002-03-08 01:00	142	14.89	143.1	7.09	-0.195	59.8	61.88	0
2002-03-08 02:00	129.2	14.33	124.9	4.903	-0.002	57.47	67.13	0
2002-03-08 03:00	124.9	14.82	124.1	4.749	0.026	55.67	76.7	0
2002-03-08 04:00	123.5	15.44	121.3	4.824	-0.131	54.92	85.3	0
2002-03-08 05:00	128.2	15.57	117.3	4.866	-0.18	54.98	91.8	0
2002-03-08 06:00	139.6	15.79	136.4	7.48	-0.529	58.23	91.6	0
2002-03-08 07:00	138.1	16.24	142.8	8.16	-0.786	60.12	89.5	0
2002-03-08 08:00	137	15.44	140.6	7.97	-0.914	61.51	87.1	0
2002-03-08 09:00	133.7	15.64	140.9	8.44	-1.218	64.12	81.2	0
2002-03-08 10:00	140.5	12.54	148.9	8.08	-1.364	67.03	74.8	0
2002-03-08 11:00	145.1	16.44	151.5	10.87	-1.454	69.49	69.41	0
2002-03-08 12:00	149.9	17.96	154.6	11.79	-1.452	70.5	67.01	0
2002-03-08 13:00	142.5	14.93	149.2	9.12	-1.502	72.3	62.62	0
2002-03-08 14:00	139.8	15	147.3	9.12	-1.239	73.4	59.26	0
2002-03-08 15:00	146.6	15.1	152.7	10.01	-1.246	74.8	56.29	0
2002-03-08 16:00	142.5	16.26	148.7	9.7	-1.113	75.4	54.46	0
2002-03-08 17:00	147.3	17.47	151.7	10.61	-0.885	75.2	53.61	0
2002-03-08 18:00	143.2	15.63	149.2	9.22	-0.764	74.2	55.57	0
2002-03-08 19:00	142.2	16.99	147.6	9.65	-0.624	72.2	60.44	0
2002-03-08 20:00	138.9	17.09	146.4	8.7	-0.502	70	66.79	0
2002-03-08 21:00	140.1	17.15	147.7	9.85	-0.62	68.35	72.2	0
2002-03-08 22:00	142.6	19.6	149.8	11.13	-0.642	66.88	76.3	0
2002-03-08 23:00	146.3	17.76	152.1	10.68	-0.663	65.82	79.8	0
2002-03-09 00:00	157.1	13.93	160.9	8.86	-0.686	65.59	80.1	0
2002-03-09 01:00	146.2	19.78	149.4	11.51	-0.668	65.71	79.2	0
2002-03-09 02:00	161.9	15.95	164.3	10.21	-0.772	66.32	79.4	0
2002-03-09 03:00	171.3	12.38	176.2	7.4	-0.807	66.57	79.7	0
2002-03-09 04:00	186.8	11.54	191	6.963	-0.779	66.6	80.6	0
2002-03-09 05:00	180.2	15.52	182.7	8.97	-0.812	66.63	82	0
2002-03-09 06:00	192.5	14.12	196	8.74	-0.778	66.88	83.3	0
2002-03-09 07:00	189.7	14.38	192.5	9.09	-0.736	67.1	85.8	0
2002-03-09 08:00	186.2	15.23	185.9	8.81	-0.813	68.09	86	0
2002-03-09 09:00	198.7	13.71	200.2	8.8	-1.053	71.1	80.8	0
2002-03-09 10:00	240.4	17.52	245.1	11.02	-1.027	71.7	79.5	0
2002-03-09 11:00	274.2	18.34	269.3	9.93	-1.064	67.94	82.8	0.08
2002-03-09 12:00	333.5	16.58	343.4	10.16	-1.248	66.05	75.5	0
2002-03-09 13:00	336.8	22.17	345.9	13.49	-1.638	64.29	43.32	0
2002-03-09 14:00	344.1	19.03	349.5	12.78	-1.708	62.27	40.13	0

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2002-03-09 15:00	343.7	17.3	348.1	11.94	-1.605	61.75	34.78	0
2002-03-09 16:00	343.8	16.61	349	11.15	-1.448	61.11	30.12	0
2002-03-09 17:00	347.2	14.68	353.4	10.1	-1.207	60.09	30.89	0
2002-03-09 18:00	11.3	13.53	10.54	10.32	-0.895	58.25	30.14	0
2002-03-09 19:00	22.07	13.52	21.45	9.9	-0.712	54.73	31.08	0
2002-03-09 20:00	24.05	12.16	24.15	8.41	-0.595	51.97	31.29	0
2002-03-09 21:00	20.65	9.94	19.7	6.653	-0.582	49.88	33.7	0
2002-03-09 22:00	11.68	9.8	15.27	6.133	-0.607	48.57	37.74	0
2002-03-09 23:00	16.88	10.34	17.24	7.12	-0.618	47.2	40.71	0
2002-03-10 00:00	23.45	11.04	23.41	7.47	-0.624	46.01	42.95	0
2002-03-10 01:00	25.32	11.74	27	8.39	-0.687	44.76	42.8	0
2002-03-10 02:00	26.09	12.33	22.4	8.99	-0.743	43.32	38.55	0
2002-03-10 03:00	26.07	13.66	26.27	9.77	-0.776	41.88	38.3	0
2002-03-10 04:00	27.78	13.43	28.01	9.94	-0.819	40.58	41.8	0
2002-03-10 05:00	31.95	11.74	29.78	8.44	-0.777	39.3	44.73	0
2002-03-10 06:00	34.94	11.13	33.32	7.65	-0.714	38.21	46.14	0
2002-03-10 07:00	32.66	10.45	31.15	7.1	-0.771	37.36	48.06	0
2002-03-10 08:00	36.74	9.89	36.23	7.41	-1.07	38.06	44.71	0
2002-03-10 09:00	44.22	15.55	39.46	12.44	-1.399	40.98	31.47	0
2002-03-10 10:00	50.02	15.08	41.47	12.06	-1.478	43.94	25.21	0
2002-03-10 11:00	49.2	14.65	43.97	11.84	-1.654	47.67	20.36	0
2002-03-10 12:00	53.26	15.49	48.66	12.05	-1.709	51.02	18.05	0
2002-03-10 13:00	39.58	13.15	33.03	11.15	-1.584	53.16	17.85	0
2002-03-10 14:00	51.08	12.19	44.02	10.01	-1.571	55.48	17.65	0
2002-03-10 15:00	49.72	13.11	46.16	10.58	-1.455	56.64	16.92	0
2002-03-10 16:00	43.68	11.88	35.53	9.95	-1.258	57.38	17.49	0
2002-03-10 17:00	51.58	11.28	44.34	8.72	-1.104	57.18	18.26	0
2002-03-10 18:00	53.3	9.57	50.25	6.854	-0.858	56.65	18.89	0
2002-03-10 19:00	51.01	8.5	45.82	4.499	0.076	54.05	21.58	0
2002-03-10 20:00	56.76	8.01	52.45	2.921	1.085	51.88	24.6	0
2002-03-10 21:00	68.03	8.03	63	2.76	0.749	50.97	25.92	0
2002-03-10 22:00	89.4	6.049	57.85	2.192	0.836	49.44	27.83	0
2002-03-10 23:00	108.5	6.153	93.7	1.575	1.307	46.74	31.34	0
2002-03-11 00:00	117.8	7.62	89.6	1.579	1.458	45.33	35.17	0
2002-03-11 01:00	102.5	8.46	74.6	2.565	0.717	44.53	38.92	0
2002-03-11 02:00	92.8	5.66	52.09	1.876	0.195	44.31	39.24	0
2002-03-11 03:00	79	5.255	69.07	1.656	1.218	44.06	37.94	0
2002-03-11 04:00	91.8	8.52	64.63	2.743	0.252	44.25	37.56	0
2002-03-11 05:00	103.1	7.52	93.7	2.57	-0.443	44.2	39.25	0
2002-03-11 06:00	115.9	9.71	111.2	2.816	-0.538	43.07	44.39	0
2002-03-11 07:00	115.7	10.11	95.2	2.705	-0.368	42.57	45.55	0
2002-03-11 08:00	120.3	13.71	126.8	5.545	-0.975	44.94	41.4	0
2002-03-11 09:00	127	13.06	137.6	6.746	-1.278	48.36	35.79	0
2002-03-11 10:00	142.2	8.8	147.8	5.887	-1.313	52.46	30.04	0
2002-03-11 11:00	183.2	4.36	224.6	2.825	-0.921	52.41	34.19	0
2002-03-11 12:00	286.6	4.681	346.4	3.275	0.15	48.33	63.84	0.06
2002-03-11 13:00	58.12	7.4	47.06	4.398	-0.376	45.72	82.5	0.05
2002-03-11 14:00	83.9	11.19	69.05	5.088	-0.566	46.73	78.9	0
2002-03-11 15:00	93	8.96	83.4	3.736	-0.913	47.91	77.3	0
2002-03-11 16:00	106.3	9.02	95.5	4.079	-0.972	51.07	68.73	0
2002-03-11 17:00	106.2	9.69	84.1	4.012	-0.584	52.68	65.17	0
2002-03-11 18:00	100.4	5.99	93.6	2.009	0.357	52.91	69.51	0
2002-03-11 19:00	128	13.23	123.2	3.117	2.523	53.93	71.5	0
2002-03-11 20:00	144.8	16.65	139.1	5.868	1.165	57.05	79.6	0.02
2002-03-11 21:00	147.8	15.49	145.8	7.87	-0.287	57.61	88	0.12
2002-03-11 22:00	142.7	19.37	143.6	9.73	-0.508	57.4	93.9	0.06

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2002-03-11 23:00	138.9	20	141.2	10.09	-0.477	57.42	91.8	0
2002-03-12 00:00	147.4	18.8	148.4	10.17	-0.523	57.29	91.5	0.36
2002-03-12 01:00	154.9	11.83	168	6.605	-0.611	57.18	94.7	0.08
2002-03-12 02:00	164.3	11.24	165.8	6.232	-0.505	57.73	95.4	0.07
2002-03-12 03:00	172.7	11.75	172.3	6.982	-0.554	58.91	95.4	0.03
2002-03-12 04:00	180.8	9.99	177.9	5.671	-0.526	59.85	94	0
2002-03-12 05:00	277.4	9.42	291.2	5.287	-0.57	58.89	93.9	0
2002-03-12 06:00	348.6	9	340.8	5.887	-0.638	56.4	95.3	0.18
2002-03-12 07:00	347.7	10.78	0.862	5.419	-0.168	56.53	93	0.03
2002-03-12 08:00	57.69	8.45	46.22	5.746	0.199	56.61	86.1	0.01
2002-03-12 09:00	204.1	8.43	210.5	5.497	-0.993	56.94	88.6	0
2002-03-12 10:00	309.2	12.98	298.9	7.27	-1.187	51.65	92.2	0
2002-03-12 11:00	340	9.35	347.8	6.349	-1.242	48.74	93.7	0
2002-03-12 12:00	314	8.29	307.1	5.094	-1.294	48.39	95	0
2002-03-12 13:00	319.5	6.805	311.6	4.191	-1.29	48.34	95.7	0
2002-03-12 14:00	323.6	9.16	317.6	5.249	-1.221	48.51	96.1	0
2002-03-12 15:00	303.2	6.488	299.3	4.352	-1.253	49.51	93.5	0
2002-03-12 16:00	295.6	12.26	286.8	7.08	-1.097	49.57	90.3	0
2002-03-12 17:00	320.8	10.07	322.3	5.463	-1.014	49.18	90.5	0
2002-03-12 18:00	323.7	9.48	329	5.356	-0.983	49.23	89.7	0
2002-03-12 19:00	315.7	8.48	312.2	4.564	-0.955	48.88	89.7	0
2002-03-12 20:00	322.4	9.22	324	4.902	-0.943	48.62	90.2	0
2002-03-12 21:00	317.3	6.19	308.5	3.022	-0.938	48.26	92.6	0
2002-03-12 22:00	309	3.748	294.8	2.067	-0.787	48.09	94.3	0
2002-03-12 23:00	286.6	4.216	279	1.671	-0.51	48.02	93.6	0
2002-03-13 00:00	285.4	7.32	275	3.922	-0.87	48.06	93.2	0
2002-03-13 01:00	301.9	6.347	287.4	3.131	-0.91	47.74	91.8	0
2002-03-13 02:00	296.2	4.078	289.2	2.088	-0.9	47.88	91.5	0
2002-03-13 03:00	291.7	3.571	284.7	2.189	-0.965	47.51	91.9	0
2002-03-13 04:00	272.4	3.335	256.6	1.953	-0.901	47.26	93	0
2002-03-13 05:00	288.5	2.654	267.1	1.336	-0.889	47.21	93.1	0
2002-03-13 06:00	285	1.487	60.58	1.149	-0.641	46.86	93.5	0
2002-03-13 07:00	134.6	1.234	111.3	1.084	-0.422	46.65	94.5	0
2002-03-13 08:00	78.8	1.71	63.43	1.362	-0.947	47.64	93.2	0
2002-03-13 09:00	52.85	4.74	42.51	4.206	-1.152	48.74	85.6	0
2002-03-13 10:00	54.99	4.194	46.84	3.893	-1.263	50.72	81.2	0
2002-03-13 11:00	275.7	3.651	261.6	3.39	-1.46	53.92	75.2	0
2002-03-13 12:00	267.4	4.813	257.2	4.299	-1.452	57.07	69.55	0
2002-03-13 13:00	229	4.777	240.6	4.42	-1.351	61.16	62.51	0
2002-03-13 14:00	284.3	7.08	276	5.923	-1.392	63.62	56.71	0
2002-03-13 15:00	287.1	7.39	277.3	5.989	-1.432	64.48	55.77	0
2002-03-13 16:00	271.4	4.477	270.2	4.066	-1.281	65.57	54.89	0
2002-03-13 17:00	275.6	4.232	265.2	3.613	-1.144	66.42	54.49	0
2002-03-13 18:00	263.8	4.874	264.6	3.399	-0.913	66.14	55.49	0
2002-03-13 19:00	281.1	3.885	330.3	1.443	1.028	63.03	64.14	0
2002-03-13 20:00	210.9	3.246	112.1	1.317	1.667	61.81	66.41	0
2002-03-13 21:00	205.8	5.039	93.5	1.672	3.448	60.07	70.5	0
2002-03-13 22:00	178.9	7.55	121.2	2.505	3.778	58.36	73.6	0
2002-03-13 23:00	155.6	10.64	108	3.666	3.379	57.43	75.3	0
2002-03-14 00:00	160.8	13.23	138.2	5.441	2.107	55.64	79.9	0
2002-03-14 01:00	171.4	11.91	159	6.265	0.291	55.78	80.9	0
2002-03-14 02:00	141.1	12.26	129.5	4.638	0.53	53.7	86.3	0
2002-03-14 03:00	130.4	11.25	153.6	4.034	-0.215	51.07	92.9	0
2002-03-14 04:00	129.2	9.95	141.2	3.125	-0.2	49.84	95	0
2002-03-14 05:00	152.5	10.26	157.1	4.867	-0.406	49.81	96.2	0
2002-03-14 06:00	174.3	8.34	176.7	5.153	-0.899	51.14	95.9	0

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2002-03-14 07:00	174.1	9.04	176.5	5.42	-0.9	51.96	93.4	0
2002-03-14 08:00	152.1	10.35	158.7	6.842	-1.054	53.14	90.1	0
2002-03-14 09:00	154.5	10.49	161.7	7.47	-1.361	55.65	83.6	0
2002-03-14 10:00	153.1	12.27	159.2	8.98	-1.55	59.66	70.3	0
2002-03-14 11:00	155.6	14.09	160.2	10.18	-1.677	62.95	60.86	0
2002-03-14 12:00	157.1	14.27	162	10.23	-1.753	66.81	51.91	0
2002-03-14 13:00	156.9	14.25	160	10.38	-1.408	68.58	47.14	0
2002-03-14 14:00	158.7	14.3	162.3	10.1	-1.348	70.4	44.68	0
2002-03-14 15:00	156.2	14.98	160.4	10.86	-1.639	73.5	41.05	0
2002-03-14 16:00	158	15.76	162.7	10.79	-1.386	75.3	39.47	0
2002-03-14 17:00	147.1	17.36	151.9	11.35	-1.15	75.3	43.37	0
2002-03-14 18:00	166.3	14.19	168.5	8.69	-0.568	73.2	49.49	0
2002-03-14 19:00	160.1	9.66	168.1	5.223	-0.236	71.4	56.95	0
2002-03-14 20:00	144.1	12.94	151.8	6.023	-0.002	69.34	64.26	0
2002-03-14 21:00	146	16.05	147	8.71	-0.446	67.95	72	0
2002-03-14 22:00	142.3	17.65	148.1	9.57	-0.529	66.95	78.6	0
2002-03-14 23:00	147.4	16.87	152.9	9.95	-0.654	65.96	83.2	0
2002-03-15 00:00	145.1	16.53	146.1	8.86	-0.672	65.91	85.6	0
2002-03-15 01:00	142.3	15.38	142.9	8.05	-0.673	66.34	87.8	0
2002-03-15 02:00	152	16.44	154.4	9.95	-0.66	68.07	88.3	0
2002-03-15 03:00	164.9	15.23	168.8	9.63	-0.63	69.35	86.7	0
2002-03-15 04:00	170.7	11.76	171	7.38	-0.661	69.61	86	0
2002-03-15 05:00	175.9	11.64	173.8	6.72	-0.673	69.7	85.9	0
2002-03-15 06:00	154.5	11.09	163.3	6.603	-0.575	68.74	87.8	0
2002-03-15 07:00	143.2	13.76	155.2	7.34	-0.571	68.03	90.6	0
2002-03-15 08:00	154.7	14.81	159.2	9.34	-1.039	69.64	87.8	0
2002-03-15 09:00	170.9	14.36	174.5	8.83	-1.237	73.3	74.1	0
2002-03-15 10:00	183.3	18.03	189.1	12.14	-1.414	76.9	64.99	0
2002-03-15 11:00	180.5	18.22	182.7	11.52	-1.411	78.5	61.63	0
2002-03-15 12:00	181	14.62	182.9	9.86	-1.336	79.9	60.24	0
2002-03-15 13:00	194	12.8	198.8	9	-1.164	82	55.72	0
2002-03-15 14:00	213.1	11.78	217.8	8.37	-1.091	83.2	52.95	0
2002-03-15 15:00	155	7.37	134.8	4.476	-0.789	79.4	66.42	0
2002-03-15 16:00	188.8	7.19	188.5	4.703	-0.898	81.8	61.56	0
2002-03-15 17:00	212.4	9.29	216.1	6.419	-0.94	84.1	53.89	0
2002-03-15 18:00	171.5	8.8	162	5.251	-0.528	82.1	60.23	0
2002-03-15 19:00	142.3	8.7	124.3	4.155	-0.23	78.2	72.5	0
2002-03-15 20:00	175.1	12.87	169	7.41	-0.176	78	70.7	0
2002-03-15 21:00	182.3	11.91	181.4	6.687	-0.46	77	73	0
2002-03-15 22:00	177.4	13.4	176	7.91	-0.571	75.2	78.6	0
2002-03-15 23:00	177.1	15.08	177.7	9.31	-0.624	74.4	81.6	0
2002-03-16 00:00	178.5	13.82	177	8.22	-0.694	74.1	82.9	0
2002-03-16 01:00	179	14.82	178.4	8.78	-0.72	73.9	83.7	0
2002-03-16 02:00	177.4	12.56	177.6	7.25	-0.65	73.2	86.3	0
2002-03-16 03:00	177.9	13.02	175.9	7.6	-0.569	72.5	88.6	0.48
2002-03-16 04:00	51.29	8.44	60.84	5.418	-0.029	68.58	97.6	1.6
2002-03-16 05:00	357.2	5.233	31.83	3.463	0.673	67.79	98	0.32
2002-03-16 06:00	347.7	11.5	344.9	6.907	-0.865	59.64	97.6	0.01
2002-03-16 07:00	359.9	8.42	350.2	5.519	-0.932	57.8	98.1	0
2002-03-16 08:00	19.22	6.555	14.99	5.061	-1.087	56.54	97.4	0
2002-03-16 09:00	356.2	5.379	352.1	4.345	-1.154	56.77	96.2	0
2002-03-16 10:00	12.35	6.316	13.45	5.344	-1.159	57.56	94.2	0
2002-03-16 11:00	23.69	7.59	21.81	6.739	-1.2	58.67	90.6	0
2002-03-16 12:00	14.08	7.72	16.68	6.776	-1.204	59.74	87.5	0
2002-03-16 13:00	16.98	6.684	12.89	6.016	-1.332	62.17	83.2	0
2002-03-16 14:00	335.9	9.47	337.1	7.14	-1.534	63.72	80.1	0

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2002-03-16 15:00	341.6	9.48	341.2	6.674	-1.377	63.79	80.1	0
2002-03-16 16:00	343.1	8.81	341.2	6.294	-1.359	63.21	79.6	0
2002-03-16 17:00	11.34	5.741	357.6	4.471	-1.125	64.63	76.6	0
2002-03-16 18:00	8.75	5.993	1.226	4.926	-0.986	64.52	75.8	0
2002-03-16 19:00	8.26	5.142	347.5	2.895	-0.671	62.59	80	0
2002-03-16 20:00	345.1	6.512	334.3	3.778	-0.827	60.16	84.6	0
2002-03-16 21:00	343.6	4.511	341.9	2.84	-0.86	58.38	87.2	0
2002-03-16 22:00	88	4.9	118.3	2.083	-0.513	57.96	89.3	0
2002-03-16 23:00	127.3	3.511	53.2	1.662	0.26	58.2	90.2	0
2002-03-17 00:00	138.9	5.215	60.05	1.613	2.124	57.72	92.3	0
2002-03-17 01:00	178.8	5.332	68.37	2.492	4.173	57.9	92.8	0
2002-03-17 02:00	191.5	3.038	349.8	1.61	5.556	56.85	95	0
2002-03-17 03:00	204.6	7.4	128.2	2.25	5.573	59.57	95.3	0
2002-03-17 04:00	181.8	9.69	140.3	3.365	2.214	65.81	95.5	0
2002-03-17 05:00	166.8	13.54	156.4	6.744	0.797	67.06	95.2	0
2002-03-17 06:00	169.5	13.46	156.9	7.07	0.171	68.18	95.7	0
2002-03-17 07:00	171.2	10.85	156.3	5.6	-0.044	68.97	96	0
2002-03-17 08:00	176.4	11.54	172.9	6.83	-0.613	70.8	92.1	0
2002-03-17 09:00	177	10.66	176.2	6.277	-0.936	72.7	86.5	0
2002-03-17 10:00	182.1	9.83	181.7	6.403	-1.049	74.8	81.7	0
2002-03-17 11:00	197	11.35	199.8	7.8	-1.093	77.9	73	0
2002-03-17 12:00	201.3	12.5	203	9.04	-1.3	80.9	63.44	0
2002-03-17 13:00	219	12.05	225.5	8.67	-1.148	82.2	58.72	0
2002-03-17 14:00	201	15.77	202.6	10.54	-1.244	84.5	52.9	0
2002-03-17 15:00	201.9	15.01	207.6	10.99	-0.877	84.5	52.79	0
2002-03-17 16:00	203.4	12.78	208.4	8.96	-0.879	84.6	53.65	0
2002-03-17 17:00	208.9	17.31	214.2	12.23	-0.71	84.2	53.11	0
2002-03-17 18:00	203.9	13.3	208.5	8.81	-0.492	82.8	56.44	0
2002-03-17 19:00	192.6	12.82	193.3	7.15	-0.472	81.4	59.13	0
2002-03-17 20:00	178.1	16.39	175.9	9.66	-0.523	79.6	61.37	0
2002-03-17 21:00	188	13.38	191.6	7.69	-0.452	77.9	62.76	0
2002-03-17 22:00	190.1	12.59	190.6	6.641	-0.393	76.5	65.74	0
2002-03-17 23:00	191.2	10.48	194.2	5.547	-0.375	75.1	69.7	0
2002-03-18 00:00	216	6.518	228.8	3.539	-0.47	74.1	72.3	0
2002-03-18 01:00	246	5.311	242.3	2.134	0.023	72.5	76.2	0
2002-03-18 02:00	204.3	6.947	185	2.845	-0.161	72	78.7	0
2002-03-18 03:00	193.7	5.756	185.9	2.157	-0.073	71.2	82.2	0
2002-03-18 04:00	175.3	8.86	168.1	4.879	-0.408	70.8	85.1	0
2002-03-18 05:00	161.8	7.67	163.6	4.012	-0.373	69.75	88.3	0
2002-03-18 06:00	64.09	4.548	8.2	2.997	1.575	64.41	92.4	0
2002-03-18 07:00	37.36	5.216	22	3.63	-0.732	63.03	90.2	0
2002-03-18 08:00	76.9	5.493	58.78	3.197	-0.122	65.86	87.8	0
2002-03-18 09:00	37.89	4.976	29.72	4.566	-1.031	67.68	84.4	0
2002-03-18 10:00	50.81	6.337	40.84	5.972	-1.173	69.46	79.5	0
2002-03-18 11:00	2.395	4.455	330.5	4.508	-0.831	72.4	73.8	0
2002-03-18 12:00	331	6.172	319	4.99	-1.26	74.2	71.6	0
2002-03-18 13:00	328	6.024	337.5	4.767	-1.206	74.6	70.6	0
2002-03-18 14:00	327.5	6.108	335.3	5.043	-1.182	76.5	66.17	0
2002-03-18 15:00	332.6	4.463	314	3.572	-1.171	78.7	61.88	0
2002-03-18 16:00	183.7	7.52	189.6	5.543	-1.271	81.8	51.12	0
2002-03-18 17:00	151.4	13.91	156	9.22	-1.023	81.7	45.01	0
2002-03-18 18:00	148.9	14.62	150.8	8.36	-0.629	80	47.59	0
2002-03-18 19:00	139.8	11.06	136.5	4.54	-0.025	77.6	52.69	0
2002-03-18 20:00	143	9.62	135.1	3.055	0.333	75.3	57.54	0
2002-03-18 21:00	149.2	10.9	149	4.627	0.123	73.9	61.21	0
2002-03-18 22:00	148.2	12.14	142.2	5.184	-0.025	72.3	67.71	0

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2002-03-18 23:00	144.2	12.84	136.6	5.558	-0.184	70.8	73.9	0
2002-03-19 00:00	143.5	9.82	149.6	4.093	-0.253	69.22	80.2	0
2002-03-19 01:00	121.6	7.16	146.9	2.291	-0.335	68.21	86.2	0
2002-03-19 02:00	121.1	7.72	166.8	3.133	-0.175	67.08	89.7	0
2002-03-19 03:00	124.9	7.19	154.6	3.024	-0.211	67.01	92.5	0
2002-03-19 04:00	143.2	6.134	163	3.028	-0.296	66.97	94.3	0
2002-03-19 05:00	163.2	6.53	139.9	3.024	-0.143	67.13	95	0
2002-03-19 06:00	147.5	8.19	140.6	3.605	-0.002	66.53	96	0
2002-03-19 07:00	153.8	11.28	129.3	5.137	0.209	66.93	96.9	0
2002-03-19 08:00	157.8	11.2	154.3	7.52	-1.01	70.3	90.3	0
2002-03-19 09:00	164.5	13.67	168	9.5	-1.408	73.7	78.7	0
2002-03-19 10:00	168.2	14.31	175.4	9.56	-1.496	76.2	67.99	0
2002-03-19 11:00	185.1	15.02	189.7	9.93	-1.4	78.4	58.97	0
2002-03-19 12:00	183.5	15.29	191.1	10.08	-1.357	79.9	54.11	0
2002-03-19 13:00	182.7	14.69	187.5	10.28	-1.49	81.8	50.14	0
2002-03-19 14:00	189.1	14.12	188.8	9.14	-1.151	81.4	50.07	0
2002-03-19 15:00	200.2	13.68	204.2	10.36	-1.3	83.9	42.34	0
2002-03-19 16:00	196.5	10.63	197.8	6.952	-1.013	83.6	43.23	0
2002-03-19 17:00	188.7	8.25	191.5	5.733	-0.762	83.3	45.11	0
2002-03-19 18:00	172.2	8.67	176.9	5.07	-0.532	82.4	47.91	0
2002-03-19 19:00	146.1	10.69	148.1	5.003	-0.083	80	53.8	0
2002-03-19 20:00	148.5	14.09	148.8	7.88	-0.423	77.6	64.52	0
2002-03-19 21:00	147.9	14.95	149.8	8.51	-0.589	75.7	70.9	0
2002-03-19 22:00	146.7	15.38	151.1	8.81	-0.661	74.1	76.4	0
2002-03-19 23:00	158.6	16.34	159.1	9.93	-0.713	73.8	78.1	0
2002-03-20 00:00	180.9	9.67	185.7	6.006	-0.688	73.7	77	0
2002-03-20 01:00	181.5	6.634	177.9	3.454	-0.387	73	78.2	0
2002-03-20 02:00	189.2	7.91	197.5	4.392	-0.46	72.4	79.8	0
2002-03-20 03:00	185.7	9.6	180.8	5.42	-0.45	71.9	81.7	0
2002-03-20 04:00	194.6	8.23	194	3.953	-0.405	71.4	83.2	0
2002-03-20 05:00	190.9	8.29	180.2	3.75	-0.293	70.7	85	0
2002-03-20 06:00	205.9	6.615	212.3	3.408	-0.337	70.1	87.1	0
2002-03-20 07:00	341.8	9.35	0.201	6.11	-0.627	66.01	86.9	0
2002-03-20 08:00	39.08	7.5	33.04	5.607	-1.015	64.03	83.6	0
2002-03-20 09:00	88.1	6.692	86.8	4.146	-1.004	65.26	84.6	0.02
2002-03-20 10:00	77.2	7.78	70.6	4.846	-1.16	65.75	90.7	0
2002-03-20 11:00	73.5	7.22	56.62	5.384	-1.275	68.8	83.2	0
2002-03-20 12:00	63.05	7.36	55.03	6.02	-1.178	72.3	77.1	0
2002-03-20 13:00	24.25	12.31	17.46	8.76	-1.056	72.5	75	0.03
2002-03-20 14:00	356.3	20.02	0.012	12.91	-0.882	60.57	92.9	0.21
2002-03-20 15:00	20.66	16.02	17.97	11.45	-0.845	59.62	94.5	0.52
2002-03-20 16:00	50.27	10.76	49.19	7.18	-0.829	60.73	95	0.01
2002-03-20 17:00	38.71	10.56	35.17	7.52	-0.816	60.9	95.4	0.06
2002-03-20 18:00	20.88	10.55	15.67	7.67	-0.913	60.47	95.6	0
2002-03-20 19:00	11.33	10.42	8.3	6.886	-0.894	59.42	95.8	0
2002-03-20 20:00	352.6	12.19	353.7	7.73	-0.954	56.57	97.2	0.16
2002-03-20 21:00	337	11	338.4	6.733	-0.872	55.73	96.7	0.01
2002-03-20 22:00	10.21	14.21	14.26	10.06	-0.889	55	93.9	0
2002-03-20 23:00	10.47	14.41	9.01	10.3	-0.93	54.76	93.1	0
2002-03-21 00:00	8.09	13.71	8.09	9.74	-0.923	53.92	93.9	0
2002-03-21 01:00	7.94	12.44	9	8.78	-0.919	53.79	96.5	0
2002-03-21 02:00	359.1	11.11	3.069	7.45	-0.939	53.91	92.2	0
2002-03-21 03:00	357.6	12.19	3.692	8.62	-0.985	52.96	91.7	0
2002-03-21 04:00	1.965	12.49	4.216	8.72	-0.985	52.2	93.1	0
2002-03-21 05:00	8.81	12.93	8.86	9.34	-0.984	51.79	91.9	0
2002-03-21 06:00	8.12	8.95	8.56	6.53	-1.015	51.27	91.9	0

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2002-03-21 07:00	4.795	7.92	4.344	5.617	-1.001	51.43	91.1	0
2002-03-21 08:00	357.4	9.68	0.189	6.94	-1.045	51.62	88.2	0
2002-03-21 09:00	10.48	9.9	9.59	7.32	-1.102	52.18	83.5	0
2002-03-21 10:00	11.11	11.7	14.36	9.14	-1.31	53.26	73.5	0
2002-03-21 11:00	349.6	13.47	351.8	9.73	-1.7	55.39	64.8	0
2002-03-21 12:00	342	14.85	344.1	10.34	-1.83	56.7	61.32	0
2002-03-21 13:00	346.2	15.32	344.9	10.55	-1.837	57.9	55.4	0
2002-03-21 14:00	359.7	15.85	359.2	11.88	-1.638	59.6	45.84	0
2002-03-21 15:00	0.946	17.08	4.231	13.29	-1.507	60.76	40.06	0
2002-03-21 16:00	4.732	16.3	8.41	12.92	-1.344	61.15	41.19	0
2002-03-21 17:00	358.3	16.07	0.854	11.4	-1.196	60.57	43.93	0
2002-03-21 18:00	2.35	15.8	3.068	11.08	-0.928	58.89	46.44	0
2002-03-21 19:00	6.593	13.34	9.19	9.82	-0.779	57.27	54.16	0
2002-03-21 20:00	7.92	11.64	7.64	8.08	-0.73	55.93	59.65	0
2002-03-21 21:00	13.28	11.79	13.71	7.91	-0.707	54.51	63.64	0
2002-03-21 22:00	13.6	16.47	16.1	12.22	-0.899	51.92	68.44	0
2002-03-21 23:00	7.9	16.27	8.39	12.19	-1.05	47.95	73.4	0
2002-03-22 00:00	17.35	18.3	14.93	13.44	-1.054	45.49	66.95	0
2002-03-22 01:00	24.13	15.95	23.09	12.42	-1.018	42.78	63.33	0
2002-03-22 02:00	13.93	13.07	14.94	9.17	-0.974	41.13	61.88	0
2002-03-22 03:00	18.85	12.58	17.03	9.18	-0.986	39.68	63.88	0
2002-03-22 04:00	16.05	11.19	14.66	8.23	-1.036	38.45	65.77	0
2002-03-22 05:00	17.76	11.06	19.17	8.4	-1.019	36.88	62.88	0
2002-03-22 06:00	8.69	10.93	8.2	7.91	-1.062	35.3	63	0
2002-03-22 07:00	10.15	10.29	6.746	7.19	-1.112	33.74	60.36	0
2002-03-22 08:00	20.35	12.11	20.29	9.65	-1.394	34.4	54.21	0
2002-03-22 09:00	17.7	12.22	17.72	10.44	-1.6	35.61	47.87	0
2002-03-22 10:00	8.86	12.28	11.92	10.29	-1.691	36.89	47.09	0
2002-03-22 11:00	17.28	12.14	18.97	10.14	-1.742	38.5	42.61	0
2002-03-22 12:00	19.89	12.74	22.53	10.95	-1.717	40.08	38.19	0
2002-03-22 13:00	1.525	11.39	8.22	9.18	-1.795	41.49	44.39	0
2002-03-22 14:00	345.9	12.22	351.9	9.33	-1.875	42.9	45.82	0
2002-03-22 15:00	343.1	12.68	345.1	9.11	-1.852	43.63	45.13	0
2002-03-22 16:00	339.2	12.23	346.7	8.8	-1.718	43.94	44.98	0
2002-03-22 17:00	341.6	12.13	342.1	8.18	-1.456	43.65	44.57	0
2002-03-22 18:00	350.1	10.57	352.5	7.5	-1.127	42.79	44.17	0
2002-03-22 19:00	6.422	8.54	11.67	6.056	-0.885	41.13	46.77	0
2002-03-22 20:00	8.56	7.59	9.5	4.85	-0.796	39.8	50.14	0
2002-03-22 21:00	7.51	7.16	10.6	3.865	-0.624	38.87	53.9	0
2002-03-22 22:00	11.91	6.192	39.17	2.581	-0.179	37.84	58.38	0
2002-03-22 23:00	28.15	4.774	69.43	1.866	1.444	35.89	65.35	0
2002-03-23 00:00	45.32	5.177	85.3	1.518	1.855	34.83	70.3	0
2002-03-23 01:00	48.08	6.386	95.2	1.376	2.383	34.11	70.7	0
2002-03-23 02:00	59.69	7.01	103.7	1.672	1.775	34.01	69.95	0
2002-03-23 03:00	62.66	5.258	87.5	1.099	2.28	32.87	78.2	0
2002-03-23 04:00	67.25	5.651	87.6	1.69	2.208	32.24	80	0
2002-03-23 05:00	68.87	5.018	65.42	1.158	2.323	31.66	81.4	0
2002-03-23 06:00	71.3	4.52	82.1	1.252	2.401	31.09	83.2	0
2002-03-23 07:00	84.2	4.769	152.7	1.444	2.133	30.66	88.4	0
2002-03-23 08:00	90.2	4.63	91.2	2.432	-0.697	35.98	70.7	0
2002-03-23 09:00	123.4	7.54	144.5	5.471	-1.479	41.71	53.19	0
2002-03-23 10:00	140	7.61	148.7	5.792	-1.785	46.16	40.47	0
2002-03-23 11:00	168.4	5.542	164	4.504	-1.629	50.11	33.05	0
2002-03-23 12:00	229	4.493	232.9	3.762	-1.523	52.93	29.27	0
2002-03-23 13:00	277	6.343	266.3	5.39	-1.525	55.42	26.91	0
2002-03-23 14:00	280.2	8.13	278.4	6.434	-1.827	57.22	27.86	0

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2002-03-23 15:00	278.8	7.04	263.8	5.55	-1.369	58.77	28.24	0
2002-03-23 16:00	302.4	5.874	292.9	4.665	-1.394	59.93	28.29	0
2002-03-23 17:00	289.6	4.412	282.4	3.504	-1.105	60.63	27.36	0
2002-03-23 18:00	299.5	2.934	308.6	2.254	-0.864	60.53	26.83	0
2002-03-23 19:00	282	1.946	37.62	1.184	0.862	58.54	29.97	0
2002-03-23 20:00	196.8	3.059	100.9	1.274	2.128	55.99	34.99	0
2002-03-23 21:00	192.3	6.425	118.5	2.063	4.36	53.62	39.3	0
2002-03-23 22:00	178.5	9.29	119	2.852	4.63	51.92	44.1	0
2002-03-23 23:00	164.4	10.24	111.8	2.982	4.133	50.61	47.96	0
2002-03-24 00:00	162.3	13.65	142.4	5.358	1.747	49.75	56.05	0
2002-03-24 01:00	173.8	13.3	175	7.38	-0.125	51.03	60.21	0
2002-03-24 02:00	174.2	13.85	175.5	7.48	-0.266	50.8	64.89	0
2002-03-24 03:00	176.8	11.96	175.5	6.81	-0.375	50.06	70.3	0
2002-03-24 04:00	175.8	13.44	175.5	7.78	-0.411	49.72	74.7	0
2002-03-24 05:00	160.4	13.2	149.8	6.47	0.141	48.6	78.7	0
2002-03-24 06:00	139.4	14.91	118.9	4.737	0.417	45.27	84.6	0
2002-03-24 07:00	140.9	17.8	115.7	6.424	0.876	45.39	85.7	0
2002-03-24 08:00	137.1	15.45	121.4	6.26	-0.359	48.98	79.5	0
2002-03-24 09:00	153	10.48	156.1	6.722	-1.308	56.79	67.59	0
2002-03-24 10:00	179.2	13.27	179.9	8.93	-1.6	62.73	61.16	0
2002-03-24 11:00	189.3	14.4	188.1	10	-1.708	66.07	56.35	0
2002-03-24 12:00	181.1	14.28	183.9	9.71	-1.727	68.46	52.01	0
2002-03-24 13:00	194.4	12.51	196.3	9.01	-1.558	71.2	46.76	0
2002-03-24 14:00	189.6	14.09	194.7	9.99	-1.662	72.9	44.57	0
2002-03-24 15:00	190.8	13.98	194.7	9.94	-1.384	73.1	44.2	0
2002-03-24 16:00	188.8	13.73	193.3	9.77	-1.413	73.9	43.86	0
2002-03-24 17:00	178.2	14.89	180.5	9.14	-0.928	72.3	46.54	0
2002-03-24 18:00	172.3	12.61	176.4	7.22	-0.607	71.3	48.33	0
2002-03-24 19:00	180.3	11.78	182.2	6.692	-0.375	69.71	51.65	0
2002-03-24 20:00	175.4	10.26	174.3	5.3	-0.1	67.8	55.85	0
2002-03-24 21:00	172.3	13.5	164.4	7.64	-0.205	66.59	59.35	0
2002-03-24 22:00	173.6	13.28	164.1	7.84	-0.154	65.01	62.6	0
2002-03-24 23:00	151	11.19	154.1	5.736	-0.189	62.41	68.97	0
2002-03-25 00:00	156.5	10.96	152.7	6.093	-0.144	60.65	75.4	0
2002-03-25 01:00	155.8	11.66	157.7	6.425	-0.353	59.99	80.2	0
2002-03-25 02:00	144.2	13.83	152.7	6.711	-0.35	58.69	85.8	0
2002-03-25 03:00	141.2	14.2	147	6.453	-0.469	58.12	89.4	0
2002-03-25 04:00	135.5	15.07	133	6.183	-0.536	57.85	91.1	0
2002-03-25 05:00	132.1	15.52	126.1	6.106	-0.553	57.94	91.8	0
2002-03-25 06:00	129.7	14.81	123.9	5.611	-0.63	58.64	92.7	0
2002-03-25 07:00	120.7	11.43	113.6	3.587	-0.74	59.79	92.7	0
2002-03-25 08:00	109.6	4.349	16.93	2.028	-0.859	61.01	91.2	0
2002-03-25 09:00	119.2	3.14	175.6	2.071	-0.988	63.3	88.1	0
2002-03-25 10:00	124.3	8.15	144.2	5.098	-1.454	66.62	81.4	0
2002-03-25 11:00	135.1	9.98	146	6.944	-1.406	69.27	74.8	0
2002-03-25 12:00	140.7	9.86	145	6.757	-1.372	71.5	70.4	0
2002-03-25 13:00	174.1	10.61	177.4	7.79	-1.506	74.9	62.7	0
2002-03-25 14:00	189.4	11.43	198.1	8.23	-1.296	76.4	57.5	0
2002-03-25 15:00	250.3	8.05	251.7	6.027	-1.113	76.5	57.1	0
2002-03-25 16:00	251.3	7.61	253.3	5.394	-1.012	76.6	56.26	0
2002-03-25 17:00	232.6	8.69	239.7	5.304	-0.659	76.3	55.55	0
2002-03-25 18:00	247.9	6.893	245.6	2.847	-0.366	75	59.46	0
2002-03-25 19:00	262.8	4.521	35.36	1.204	0.585	73.3	64.54	0
2002-03-25 20:00	168.2	5.173	128.9	2.575	0.374	73.4	64.5	0
2002-03-25 21:00	154.6	7.28	135.9	1.795	1.517	71.6	69.35	0
2002-03-25 22:00	169.3	10.98	156.9	5.784	0.046	72.1	73.2	0

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2002-03-25 23:00	174.6	12.73	171.8	7.09	-0.572	72.1	78.5	0
2002-03-26 00:00	170.3	12.18	166.2	7.04	-0.535	71.1	83.1	0
2002-03-26 01:00	203.9	9.83	213	5.478	-0.368	70.2	85.3	0
2002-03-26 02:00	175.1	13.25	172.2	7.68	-0.403	69.1	90.1	0.03
2002-03-26 03:00	249.2	14.59	249.9	8.63	-0.697	65.69	93.5	0.13
2002-03-26 04:00	348.1	13.63	350.1	8.44	-0.875	57.26	93.7	0.01
2002-03-26 05:00	344	10.89	345.1	6.78	-0.828	54.92	90.2	0.01
2002-03-26 06:00	352.4	8.48	354.9	5.26	-0.904	53.74	90.7	0
2002-03-26 07:00	7.37	10.44	9.04	7.36	-0.98	51.79	90.1	0
2002-03-26 08:00	0.036	12.25	4.17	8.74	-1.068	50.76	84.4	0
2002-03-26 09:00	350.4	11.34	353.9	7.49	-1.214	49.83	83.6	0
2002-03-26 10:00	355.4	11.52	358.4	8.25	-1.255	49.57	80.6	0
2002-03-26 11:00	346.1	11.95	350.3	8	-1.317	49.39	80.5	0
2002-03-26 12:00	342.1	11.63	348.4	7.76	-1.351	49.12	81.6	0
2002-03-26 13:00	341.8	12.13	344.6	8.04	-1.431	47.87	83.8	0
2002-03-26 14:00	335	13.16	340.7	8.3	-1.456	47.19	81.9	0
2002-03-26 15:00	342.5	13.29	345.9	8.93	-1.361	47.08	76.5	0
2002-03-26 16:00	346.4	13.58	348.3	8.85	-1.304	46.83	73.6	0
2002-03-26 17:00	347.1	12.94	350.8	8.7	-1.214	46.56	71.7	0
2002-03-26 18:00	6.988	10.32	9.77	7.36	-1.096	46.52	70.8	0
2002-03-26 19:00	21.35	10.1	22.52	7.51	-1.041	46.09	71.4	0
2002-03-26 20:00	25.72	8.78	27.66	6.499	-0.971	45.55	72.5	0
2002-03-26 21:00	31.57	6.839	31.95	4.065	-0.619	44.27	76.6	0
2002-03-26 22:00	41.73	5.86	49.17	2.396	-0.266	42.62	81.2	0
2002-03-26 23:00	36.67	6.765	46.68	2.723	0.009	41.66	83.9	0
2002-03-27 00:00	39.38	7.23	45.99	3.576	-0.262	41.11	83.3	0
2002-03-27 01:00	34.93	8.68	36.33	5.546	-0.693	40.88	82.2	0
2002-03-27 02:00	27.08	7.98	23.09	5.135	-0.784	40.09	83.6	0
2002-03-27 03:00	34.06	9.76	30.86	7.32	-1.051	40.61	82.2	0
2002-03-27 04:00	28.33	7.83	28.48	5.992	-1.065	40.4	81	0
2002-03-27 05:00	39.22	7.13	37.94	5.54	-1.08	40.52	81.7	0
2002-03-27 06:00	52.75	7.14	46.03	5.432	-1.1	40.52	81.7	0
2002-03-27 07:00	61.69	7.98	55.45	5.957	-1.141	40.1	81.1	0
2002-03-27 08:00	69.83	6.49	59.22	4.571	-1.215	40.27	80.8	0
2002-03-27 09:00	76.8	6.441	66.03	5.247	-1.349	41.46	77	0
2002-03-27 10:00	23.9	5.821	22.31	4.759	-1.507	44.59	70.9	0
2002-03-27 11:00	333.8	8.33	343.7	6.786	-1.63	47.03	67.18	0
2002-03-27 12:00	334	9.94	336.3	7.83	-1.831	49.51	62.76	0
2002-03-27 13:00	331.9	9.67	336.3	7.52	-1.742	53.06	57.47	0
2002-03-27 14:00	331.6	9.88	332.8	8	-1.55	54.95	53.67	0
2002-03-27 15:00	321	8.01	323.9	6.651	-1.465	57.96	49.59	0
2002-03-27 16:00	308.1	7.52	295.6	5.637	-1.613	59.74	46.95	0
2002-03-27 17:00	332.4	7.28	334	5.502	-1.2	60.66	44.39	0
2002-03-27 18:00	328.4	4.869	334.6	3.157	-0.828	61.05	44.98	0
2002-03-27 19:00	6.724	6.262	31.11	2.576	0.873	58.67	49.26	0
2002-03-27 20:00	28.78	8.17	38.16	3.901	2.07	56.77	52.63	0
2002-03-27 21:00	30.77	5.769	81.9	1.817	3.357	53.63	57.94	0
2002-03-27 22:00	86.3	6.114	72.3	1.46	6.414	50.21	65.33	0
2002-03-27 23:00	97.9	6.652	76.4	1.315	5.588	49.29	66.38	0
2002-03-28 00:00	101.3	9.17	87.1	2.533	2.431	49.97	65.84	0
2002-03-28 01:00	100.7	10.46	81.1	3.26	2.648	49.76	66.52	0
2002-03-28 02:00	102.5	11.09	82.9	3.24	2.352	48.41	69.61	0
2002-03-28 03:00	111.4	11.67	97.7	2.649	2.788	46.75	74.7	0
2002-03-28 04:00	115.1	11.92	129.3	2.514	1.983	45.5	78	0
2002-03-28 05:00	118.2	13.28	112	2.794	1.242	44.82	79.3	0
2002-03-28 06:00	121.1	14.17	118.1	3.264	0.961	44.25	79.9	0

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2002-03-28 07:00	121.4	14.44	103.8	3.724	0.43	44.6	78.3	0
2002-03-28 08:00	122.7	12.01	129.9	4.67	-0.935	48.08	70.8	0
2002-03-28 09:00	127.9	12.26	134	6.147	-1.387	54.25	59.98	0
2002-03-28 10:00	139.7	8.67	148.4	5.994	-1.609	62.21	47.85	0
2002-03-28 11:00	179.8	8.06	180	6.287	-1.53	68.57	35.89	0
2002-03-28 12:00	229.7	8.9	232.7	7.21	-1.404	71.5	29.73	0
2002-03-28 13:00	262.2	7.54	260.7	6.141	-1.371	73.2	28.68	0
2002-03-28 14:00	255.2	7.21	257	5.988	-1.238	75	26.1	0
2002-03-28 15:00	256	9.29	254.9	6.95	-1.373	76.2	27.71	0
2002-03-28 16:00	239.6	11.54	244.9	7.91	-1.21	76.1	29.05	0
2002-03-28 17:00	217.9	14.12	222.3	9.73	-1.086	77.7	37.29	0
2002-03-28 18:00	216.7	11.98	217.8	6.8	-0.481	74.4	50.39	0
2002-03-28 19:00	199.2	10.11	198.9	5.794	-0.428	74.1	54.22	0
2002-03-28 20:00	192.9	8.91	203.1	4.973	-0.429	73.3	55.24	0
2002-03-28 21:00	184.4	10.74	186.7	5.48	-0.383	72.2	52.25	0
2002-03-28 22:00	182.3	12.67	182.8	7.17	-0.542	71.2	53.87	0
2002-03-28 23:00	173.8	12.68	174.9	7.57	-0.573	70.1	58.59	0
2002-03-29 00:00	160.1	9.46	154.2	5.773	-0.662	68.32	58.91	0
2002-03-29 01:00	155.3	8.66	150.4	4.435	-0.645	67.04	63.32	0
2002-03-29 02:00	154.8	10.48	148.5	5.563	-0.614	66.7	67.97	0
2002-03-29 03:00	157.2	10.53	150.2	5.297	-0.604	66.59	72.2	0
2002-03-29 04:00	169.1	9.74	170.2	5.4	-0.677	66.78	76.9	0
2002-03-29 05:00	165.4	11.05	163.8	6.32	-0.657	66.64	81	0
2002-03-29 06:00	163.9	10.53	156.4	5.796	-0.477	66.32	84.9	0
2002-03-29 07:00	175	10.95	177.9	6.208	-0.684	66.8	88.1	0
2002-03-29 08:00	180.2	11.36	181.7	6.766	-1.004	68.89	86.9	0
2002-03-29 09:00	186	12.25	188.2	7.77	-1.157	70.9	83.1	0
2002-03-29 10:00	184.6	12.94	183.7	8.38	-1.231	72.8	78.8	0
2002-03-29 11:00	195.8	11.45	200.5	8.39	-1.414	76.6	70.6	0
2002-03-29 12:00	215.6	15.54	218.6	10.74	-1.344	78.9	64.06	0
2002-03-29 13:00	222.7	16.04	228.6	10.66	-1.08	78.6	65.07	0
2002-03-29 14:00	210.3	16.9	215.8	12.31	-1.046	79	64	0
2002-03-29 15:00	207.3	18.07	211.6	12.36	-0.983	79.2	63.69	0
2002-03-29 16:00	207.1	15.86	215.5	11.01	-0.88	79.7	62.65	0
2002-03-29 17:00	223.9	13.84	228.4	8.6	-0.561	77.8	66.03	0
2002-03-29 18:00	197.2	14.48	198.5	9.71	-0.708	77.9	66.86	0
2002-03-29 19:00	207	10.39	212.6	6.208	-0.435	76.6	69.53	0
2002-03-29 20:00	203.7	9.69	206.3	5.734	-0.44	75.9	71.9	0
2002-03-29 21:00	192.2	10.01	192.7	5.639	-0.622	75.3	73.4	0
2002-03-29 22:00	183	10.82	183.9	6.552	-0.628	73.9	76.9	0
2002-03-29 23:00	202.2	9	205.5	4.946	-0.632	72.7	80.8	0
2002-03-30 00:00	204.4	6.989	203.7	3.669	-0.587	72.3	82.4	0
2002-03-30 01:00	203.5	8.35	201.9	4.641	-0.642	72.1	83.6	0
2002-03-30 02:00	203.7	4.901	340.2	2.559	0.3	70.5	87.8	0
2002-03-30 03:00	76.5	3.143	33.03	2.994	1.583	69.64	93.3	0
2002-03-30 04:00	7.35	2.798	95.7	2.182	0.698	69.74	92.5	0
2002-03-30 05:00	196.2	6.476	182.4	2.826	1.146	69.27	93.7	0
2002-03-30 06:00	173	8.94	159.2	3.812	0.343	69.23	93.9	0
2002-03-30 07:00	158.9	9.86	142.8	4.915	-0.178	69.53	91.7	0
2002-03-30 08:00	132.7	8.59	128.1	4.071	-0.646	69.14	93.1	0
2002-03-30 09:00	150.1	5.176	168.4	3.108	-0.876	69.87	91.2	0
2002-03-30 10:00	214.7	3.326	215.3	2.26	-0.859	70.8	89.6	0
2002-03-30 11:00	193.7	2.79	228.9	2.53	-1.034	72.7	85.3	0
2002-03-30 12:00	113	4.378	110.8	4.886	-0.627	73.3	79.7	0
2002-03-30 13:00	310.9	3.686	313.3	3.882	-0.914	73.4	77.1	0
2002-03-30 14:00	351.8	9.05	345.3	6.61	-1.287	72	74.7	0

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2002-03-30 15:00	350.4	8.81	342.5	6.448	-1.059	69.76	74.7	0
2002-03-30 16:00	349.8	7.08	351.7	5.109	-1.006	70.6	73.5	0
2002-03-30 17:00	354.4	6.973	345.4	5.017	-1.069	70.4	72.9	0
2002-03-30 18:00	27.38	9.21	26.52	7.25	-0.887	69.17	72.7	0
2002-03-30 19:00	48.17	11.21	43.37	7.86	-0.73	67.81	80.8	0.01
2002-03-30 20:00	85.4	8.04	74.6	4.081	-0.361	65.74	91.7	0.3
2002-03-30 21:00	75.2	9.98	70.2	4.944	-0.391	65.36	94.2	0.01
2002-03-30 22:00	112.9	4.438	153.7	2.477	-0.411	64.97	96.4	0
2002-03-30 23:00	96.2	4.856	195.3	1.849	-0.125	65.11	97.3	0
2002-03-31 00:00	136.9	15.17	138.2	5.867	0.167	67.12	96.5	0
2002-03-31 01:00	166.8	14.25	170.2	8.01	-0.42	69.63	91.2	0
2002-03-31 02:00	277.8	14.01	278.2	7.51	-0.637	65.78	87.1	0.13
2002-03-31 03:00	314.3	8.45	299.8	4.193	-0.693	59.16	95.8	0.22
2002-03-31 04:00	33.98	7.84	46.38	4.673	-0.764	58.66	96.4	0
2002-03-31 05:00	78.7	7.01	83.9	3.288	-0.714	58.61	96.3	0.07
2002-03-31 06:00	112.7	11.76	98.9	5.536	-0.51	59.5	96.3	0.06
2002-03-31 07:00	34.56	10.64	16.18	6.003	-0.331	59.94	95.1	0.01
2002-03-31 08:00	13.93	7.6	9.34	4.32	-0.437	59.31	96.8	0
2002-03-31 09:00	75.2	3.872	104.3	2.691	-0.761	61.49	96.9	0
2002-03-31 10:00	276.2	7.94	281.4	4.578	-0.713	60.59	96.9	0.08
2002-03-31 11:00	359.8	5.925	351.2	4.226	-1.307	61.95	96.5	0
2002-03-31 12:00	338.7	11.78	346.2	7.22	-1.197	60.41	93.9	0
2002-03-31 13:00	342.9	9.97	345.8	6.897	-1.377	59.48	90.4	0
2002-03-31 14:00	335.2	7.92	343.5	5.837	-1.342	60.18	87.3	0
2002-03-31 15:00	320.7	10.01	319.9	5.596	-1.265	59.92	87.9	0
2002-03-31 16:00	337.5	10.29	345.2	6.347	-1.14	58.38	89.6	0
2002-03-31 17:00	342.4	11.8	347	6.947	-1.037	58.24	88.4	0
2002-03-31 18:00	345.9	12.95	352.7	7.91	-1.069	56.52	91.4	0
2002-03-31 19:00	350.3	8.38	351.6	5.119	-0.982	55.79	92.3	0
2002-03-31 20:00	351.2	9.39	352.9	5.971	-0.964	55.69	90.3	0
2002-03-31 21:00	3.576	8.79	2.089	6.188	-0.956	55.96	89.1	0
2002-03-31 22:00	28.69	7.42	30.23	5.736	-0.926	56.23	86.7	0
2002-03-31 23:00	36.36	7.23	38.24	5.077	-0.906	56.36	85.3	0
2002-04-01 00:00	43.94	6.018	42.66	3.911	-0.882	56.24	84.8	0
2002-04-01 01:00	42.98	6.158	42.16	4.456	-0.879	56.21	83.7	0
2002-04-01 02:00	35.27	5.37	29.14	3.648	-0.866	55.98	84.5	0
2002-04-01 03:00	27.39	5.648	21.25	4.133	-0.898	55.77	83.9	0
2002-04-01 04:00	35.15	4.571	41.95	2.913	-0.766	55.17	84.3	0
2002-04-01 05:00	40.73	4.7	41.99	2.39	-0.46	54.14	87.7	0
2002-04-01 06:00	56.48	5.898	55.93	1.99	1.193	51.86	93.4	0
2002-04-01 07:00	70.6	6.329	65.65	2.222	0.513	51.91	93.9	0
2002-04-01 08:00	84.3	7.64	66.78	4.62	-0.96	55.07	83.7	0
2002-04-01 09:00	98.9	6.415	85.1	4.459	-1.266	58.24	74.4	0
2002-04-01 10:00	97.2	8.28	87	6	-1.428	62.18	60.76	0
2002-04-01 11:00	101	10.26	84.7	6.554	-1.383	66.31	47.08	0
2002-04-01 12:00	105.7	8.6	91	6.285	-1.329	69.1	44.27	0
2002-04-01 13:00	117.8	7.69	111.9	5.911	-1.306	72	38.07	0
2002-04-01 14:00	128.7	9.17	133.4	6.303	-1.42	74.2	32.51	0
2002-04-01 15:00	128.9	8.37	132.7	5.966	-1.38	75.8	31.26	0
2002-04-01 16:00	127	8.09	134.3	5.541	-1.322	76.9	30.48	0
2002-04-01 17:00	145.5	7.61	154.1	5.037	-1.085	77.4	30.57	0
2002-04-01 18:00	169.1	6.856	169.5	4.271	-0.665	76.5	31.73	0
2002-04-01 19:00	160.8	6.85	161.4	2.409	0.465	73.1	38.51	0
2002-04-01 20:00	168.7	8.28	126.3	2.423	1.691	69.32	46.66	0
2002-04-01 21:00	173	10.18	160.9	3.348	1.314	67.28	52.27	0
2002-04-01 22:00	204.9	10.44	207.6	5.195	-0.096	65.61	66.29	0

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2002-04-01 23:00	201	9.47	201.6	4.358	-0.221	63.48	77.6	0
2002-04-02 00:00	207.5	8.95	204	4.226	-0.321	61.61	83.7	0
2002-04-02 01:00	205.7	7.87	191	2.845	-0.203	60.09	87.7	0
2002-04-02 02:00	201	7.5	173.5	2.198	0.212	58.89	90.2	0
2002-04-02 03:00	184.4	6.453	145.9	1.752	0.717	57.66	92.4	0
2002-04-02 04:00	155.2	6.645	106.5	2.525	0.852	56.65	94.1	0
2002-04-02 05:00	136.4	8.03	101.8	3.032	1.134	55.34	96.4	0
2002-04-02 06:00	135.6	11.01	117.4	3.955	0.658	54.13	97.3	0
2002-04-02 07:00	143.5	10.9	121.8	4.232	0.947	53.93	97.9	0
2002-04-02 08:00	136.5	9.4	131.8	4.333	-0.297	56.35	97.7	0
2002-04-02 09:00	143	6.639	149.4	4.784	-1.145	61.37	86.6	0
2002-04-02 10:00	195.8	5.822	189.8	4.601	-1.456	68.56	70.9	0
2002-04-02 11:00	235.4	7.72	238.5	6.005	-1.502	72.1	63.11	0
2002-04-02 12:00	255.4	8.61	254.4	6.742	-1.458	73.7	61.31	0
2002-04-02 13:00	261.3	7.9	260.8	5.955	-1.337	75.3	59.22	0
2002-04-02 14:00	261.4	7.68	262.6	6.194	-1.366	77.1	55.54	0
2002-04-02 15:00	253.6	9.94	253.3	6.988	-1.475	77.9	54.59	0
2002-04-02 16:00	250.8	9.81	253.6	6.507	-1.226	77.7	56.27	0
2002-04-02 17:00	243.9	10.03	246.5	5.729	-1.048	77.7	55.01	0
2002-04-02 18:00	242.4	7.77	230.7	3.551	-0.383	76.3	56.04	0
2002-04-02 19:00	211.4	6.981	94.8	1.698	2.427	74	61.55	0
2002-04-02 20:00	202.8	4.086	73.7	1.616	4.552	71.6	68.18	0
2002-04-02 21:00	153.3	7.5	106.7	2.404	4.333	70.9	71.2	0
2002-04-02 22:00	161.8	10.19	131.3	3.733	1.458	71.6	72.1	0
2002-04-02 23:00	176.8	10.4	178.8	4.858	-0.261	71.7	78.2	0
2002-04-03 00:00	182.8	10.27	184.2	5.041	-0.522	71.2	83.1	0
2002-04-03 01:00	196.5	7.07	185.6	3.091	-0.362	70.3	86.8	0
2002-04-03 02:00	209.5	6.005	189.7	1.662	-0.041	68.87	91.1	0
2002-04-03 03:00	214.3	6.142	218.4	1.059	0.487	67.65	94.5	0
2002-04-03 04:00	260.6	10.17	286.5	3.997	0.362	65.53	95.2	0
2002-04-03 05:00	2.366	16.95	5.64	12	-0.898	59.63	77.8	0
2002-04-03 06:00	0.708	12.91	1.813	8.54	-0.928	57.06	75.7	0
2002-04-03 07:00	6.917	15.42	7.69	10.96	-1.061	54.12	73.1	0
2002-04-03 08:00	16.46	16.37	17.39	12.69	-1.154	52.84	71.1	0
2002-04-03 09:00	6.936	14.22	7.22	10.92	-1.359	53.78	66.99	0
2002-04-03 10:00	8.34	13.47	9.95	10.15	-1.335	53	68.27	0
2002-04-03 11:00	355.5	12.04	357.9	8.51	-1.336	51.86	70.8	0
2002-04-03 12:00	348.7	13.31	353.2	9.52	-1.426	52.18	67.92	0
2002-04-03 13:00	356.6	14.21	356.8	10.58	-1.494	52.66	62.3	0
2002-04-03 14:00	353.7	15.76	355.4	11.17	-1.581	52.79	60.67	0
2002-04-03 15:00	355.2	13.94	358.3	10.03	-1.552	53.05	58	0
2002-04-03 16:00	2.662	11.38	1.798	8.43	-1.294	52.61	58.04	0
2002-04-03 17:00	6.094	12.62	7.61	9.33	-1.16	52.44	57.28	0
2002-04-03 18:00	359.4	10.71	358.2	7.16	-1.062	52.27	56.99	0
2002-04-03 19:00	4.539	10.79	8.99	8.04	-1.007	51.59	56.51	0
2002-04-03 20:00	12.61	10.83	15.03	7.49	-0.838	50.97	57.12	0
2002-04-03 21:00	15.86	8.98	16.51	6.315	-0.789	49.92	60.09	0
2002-04-03 22:00	22.61	7.12	19.34	4.221	-0.592	49.14	62.23	0
2002-04-03 23:00	13.11	7.93	15.37	4.975	-0.65	49.02	60.46	0
2002-04-04 00:00	15.91	8.66	16.91	5.762	-0.723	48.63	59.41	0
2002-04-04 01:00	22.65	6.421	25.92	3.735	-0.522	47.75	62.98	0
2002-04-04 02:00	28.33	8.38	30.55	5.261	-0.565	47.43	61.75	0
2002-04-04 03:00	27.9	10.62	28.09	7.28	-0.725	47.11	60.31	0
2002-04-04 04:00	32.76	11.55	31.67	8.48	-0.89	46.81	60.81	0
2002-04-04 05:00	40.1	10.21	39.97	7.16	-0.887	45.88	61.98	0
2002-04-04 06:00	43.37	9.73	40.02	7.08	-0.966	45.35	62.95	0

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2002-04-04 07:00	33.97	9.95	30.7	7.23	-0.992	45.12	62.02	0
2002-04-04 08:00	15.88	8.46	18.76	6.516	-1.13	45.97	60.3	0
2002-04-04 09:00	31.55	8.81	31.64	7.05	-1.124	45.21	65.7	0
2002-04-04 10:00	27.29	7.7	26.68	6.626	-1.199	45.48	65.93	0
2002-04-04 11:00	21.64	8.65	20.54	7.25	-1.391	46.37	64.19	0
2002-04-04 12:00	3.097	6.958	8.92	5.751	-1.433	48.45	62.5	0
2002-04-04 13:00	357.4	9.45	2.522	7.76	-1.683	51.88	52.16	0
2002-04-04 14:00	333.8	10.95	336.3	7.68	-1.903	53.29	50.78	0
2002-04-04 15:00	334.7	12.23	339.7	8.8	-1.746	54.37	46.89	0
2002-04-04 16:00	352.1	11.11	355.3	8.09	-1.581	55.4	44.36	0
2002-04-04 17:00	7.45	10.75	7.58	8.19	-1.229	55.93	38.63	0
2002-04-04 18:00	1.388	10.05	4.105	6.939	-0.929	55.16	38.66	0
2002-04-04 19:00	4.15	7.8	7.42	4.545	-0.53	53.83	42.69	0
2002-04-04 20:00	7.61	8.78	11.24	5.042	-0.435	52.55	48	0
2002-04-04 21:00	17.02	8.69	19.56	5.139	-0.43	51.82	48.31	0
2002-04-04 22:00	21.21	7.79	27.3	4.454	-0.281	50.77	50.72	0
2002-04-04 23:00	23.4	8.16	28.27	4.525	-0.077	49.63	55.07	0
2002-04-05 00:00	18.03	8.96	23.61	4.845	-0.019	48.85	58.47	0
2002-04-05 01:00	15.59	7.65	22.51	3.884	-0.054	48.08	60.45	0
2002-04-05 02:00	9.19	6.387	41.37	2.524	0.457	47.05	62.19	0
2002-04-05 03:00	12.34	6.411	30.54	2.551	0.338	46.29	63.99	0
2002-04-05 04:00	24.2	8.45	33.27	4.183	0.21	45.53	65.78	0
2002-04-05 05:00	28.2	9.5	29.2	5.04	-0.08	45.14	62.02	0
2002-04-05 06:00	29.54	10.31	26.89	5.859	-0.188	44.54	61.89	0
2002-04-05 07:00	41.73	9.36	42.75	5.915	-0.565	44.53	59.46	0
2002-04-05 08:00	44.9	9.96	37.61	7.96	-1.154	46.64	53.53	0
2002-04-05 09:00	44.72	11.54	42.04	9.16	-1.43	49.82	45.62	0
2002-04-05 10:00	38.66	11.61	36.45	9.31	-1.455	52.69	39.23	0
2002-04-05 11:00	3.511	10.03	8.61	8	-1.531	54.63	37.6	0
2002-04-05 12:00	7.31	10.84	6.823	9	-1.518	56.33	31.82	0
2002-04-05 13:00	352.6	11.48	355.7	8.58	-1.721	57.91	29.33	0
2002-04-05 14:00	344.9	12.68	347.7	9.09	-1.729	58.86	28.03	0
2002-04-05 15:00	340.1	13.68	341.8	9.19	-1.699	59.67	26.12	0
2002-04-05 16:00	339.7	13.2	342.6	8.71	-1.474	60.02	26.77	0
2002-04-05 17:00	347.5	11.82	344.9	7.62	-1.184	59.69	29.75	0
2002-04-05 18:00	355.9	9.57	358.3	6.352	-0.877	59.12	32.46	0
2002-04-05 19:00	1.911	9.1	4.278	5.03	-0.332	57.34	36.4	0
2002-04-05 20:00	13.36	9.11	17.66	4.474	0.192	55.27	41.92	0
2002-04-05 21:00	20.78	8.66	32.77	4.027	0.813	53.32	48.39	0
2002-04-05 22:00	14.13	8.08	28.22	3.162	2.268	51.68	53.68	0
2002-04-05 23:00	6.763	7.44	30.59	2.303	2.662	50.02	58.74	0
2002-04-06 00:00	22.99	8.6	36.38	3.62	1.814	49.43	63.83	0
2002-04-06 01:00	43.06	10.2	40.69	4.424	1.623	48.97	61.23	0
2002-04-06 02:00	53.58	10.59	43.14	4.909	1.511	48.83	57.84	0
2002-04-06 03:00	55.07	9.57	48.62	4.749	0.495	48.3	60.07	0
2002-04-06 04:00	56.16	9.72	49.54	4.104	0.939	47.04	64.01	0
2002-04-06 05:00	58.37	8.96	61.27	3.496	0.491	47.15	56.76	0
2002-04-06 06:00	52.68	6.683	58.61	1.791	0.403	45.78	60.38	0
2002-04-06 07:00	60.06	5.548	69.02	1.481	0.197	45.72	60.67	0
2002-04-06 08:00	82.2	9.62	71.7	4.896	-0.87	49.32	48.36	0
2002-04-06 09:00	101.6	7.7	94.9	5.377	-1.256	53.95	40.91	0
2002-04-06 10:00	107.4	10.86	109.6	6.524	-1.461	58.37	33.35	0
2002-04-06 11:00	94.2	12.57	77.5	8.11	-1.433	62.73	26.92	0
2002-04-06 12:00	87.6	11	72.1	7.57	-1.457	65.58	24.78	0
2002-04-06 13:00	104.5	8.51	106.1	5.902	-1.477	67.74	23.14	0
2002-04-06 14:00	86	6.576	68.21	5.323	-1.224	68.64	22.83	0

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2002-04-06 15:00	115.7	7.52	124.1	5.208	-1.273	69.21	22.65	0
2002-04-06 16:00	105	7.71	106.8	5.188	-1.065	69.22	23.12	0
2002-04-06 17:00	97	5.491	80.8	3.288	-0.803	68.48	24.73	0
2002-04-06 18:00	80.8	4.88	62.2	2.492	-0.473	67.54	26.73	0
2002-04-06 19:00	71.6	6.47	55.09	2.81	2.438	63.91	32.46	0
2002-04-06 20:00	60.5	8.76	55.8	3.337	2.961	61.71	34.31	0
2002-04-06 21:00	72.4	9.38	81.4	3.388	1.886	60.86	35.59	0
2002-04-06 22:00	92.5	8.48	89.3	1.848	3.352	57.67	41.35	0
2002-04-06 23:00	105.3	9.06	78.6	2.853	1.323	55.4	51.55	0
2002-04-07 00:00	103.9	8.82	74.1	2.591	1.62	53.79	57.8	0
2002-04-07 01:00	109.1	9.7	79	2.809	0.433	53.43	56.98	0
2002-04-07 02:00	121.7	11.25	105.9	2.078	0.781	51.24	63.48	0
2002-04-07 03:00	125.5	10.94	128.3	2.102	0.846	50.8	61.32	0
2002-04-07 04:00	119.2	10.58	94.1	2.093	0.421	50.58	59.97	0
2002-04-07 05:00	114.3	10.06	82	2.134	0.564	49.52	61.42	0
2002-04-07 06:00	107.4	9.28	81.9	2.361	0.581	49	63.41	0
2002-04-07 07:00	109.4	11.9	87.7	3.711	0.128	50.08	60.77	0
2002-04-07 08:00	120.2	12.64	126.3	4.975	-0.845	54.36	52.76	0
2002-04-07 09:00	127	14.8	136.2	7.36	-1.345	59.28	46.27	0
2002-04-07 10:00	146.6	16.87	155.9	11.15	-1.526	66.83	41.9	0
2002-04-07 11:00	160.4	19.6	161.1	12.89	-1.609	69.87	39.69	0
2002-04-07 12:00	167.5	15.84	169.4	10.54	-1.688	72.5	38.15	0
2002-04-07 13:00	152.3	18.1	157.4	11.65	-1.639	74.3	36.35	0
2002-04-07 14:00	154.2	19.76	158.4	13.01	-1.6	76.2	36.41	0
2002-04-07 15:00	154.7	19.59	159.5	13.16	-1.427	77.1	37.76	0
2002-04-07 16:00	155.6	20.82	159.6	13.5	-1.292	77.2	39.4	0
2002-04-07 17:00	148.5	20.74	155.6	12.65	-1.054	76.2	44.7	0
2002-04-07 18:00	149.7	20.35	155.3	12.41	-0.775	74	51.15	0
2002-04-07 19:00	146.9	15.28	150.3	8.72	-0.58	71.8	57.57	0
2002-04-07 20:00	136.2	14.17	142.2	7.33	-0.588	70.2	63.08	0
2002-04-07 21:00	139.1	14.11	146.7	7.71	-0.641	69.53	67.77	0
2002-04-07 22:00	137.4	16.99	146.7	9.51	-0.763	69.81	70.9	0
2002-04-07 23:00	140.3	18.14	147.9	10.52	-0.818	69.28	73.9	0
2002-04-08 00:00	138.2	15.13	145.5	7.75	-0.622	67.48	81.5	0
2002-04-08 01:00	143.4	16.79	150.3	9.4	-0.664	68.76	77.9	0
2002-04-08 02:00	146.5	17.98	150.9	10.81	-0.767	69.08	79.2	0
2002-04-08 03:00	148.3	19.95	152.6	11.81	-0.743	68.53	85.5	0
2002-04-08 04:00	223.8	16.58	217.6	10.22	-0.875	62.21	89.6	0.56
2002-04-08 05:00	223.5	8.76	220.3	4.452	-0.761	56.83	95.4	0.23
2002-04-08 06:00	180.9	6.149	158.8	3.536	-0.425	57.54	95.9	0.1
2002-04-08 07:00	135.1	7.62	120	3.612	-0.424	57.23	96.7	0.08
2002-04-08 08:00	128.4	12.5	128.8	5.62	-0.816	57.3	97.4	0.05
2002-04-08 09:00	123.5	12.84	128	5.517	-0.882	57.78	97.4	0.13
2002-04-08 10:00	135.9	9.8	146.5	4.541	-0.936	58.72	96.9	0.06
2002-04-08 11:00	261.5	7.69	259.5	3.795	-0.644	58.12	96.9	0.47
2002-04-08 12:00	283.7	7.94	277	3.236	-0.695	57.83	98.1	0.24
2002-04-08 13:00	314.5	7.64	317	3.092	-0.738	57.61	98.6	0.26
2002-04-08 14:00	66.39	6.136	97	3.264	-0.516	57.71	98.7	0.19
2002-04-08 15:00	109.4	15.06	108	6.605	-0.771	57.5	98.4	0.18
2002-04-08 16:00	119.6	23.64	120.8	10.3	-0.791	58.76	97.1	0.01
2002-04-08 17:00	203.1	10.8	205.5	4.936	0.16	60.59	88.1	0
2002-04-08 18:00	196.1	5.31	128.2	2.108	1.317	60.04	90.8	0
2002-04-08 19:00	151.4	3.804	93.3	1.682	2.612	59.26	94.8	0
2002-04-08 20:00	118.7	5.127	96.3	2.353	2.189	59.75	93	0
2002-04-08 21:00	143.6	5.208	116.2	2.155	1.549	59.56	90.4	0
2002-04-08 22:00	220.8	3.195	304.5	1.133	2.445	57.54	97	0

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2002-04-08 23:00	259.9	4.9	168.7	1.25	1.875	57.49	98.2	0
2002-04-09 00:00	238.8	6.435	70.7	1.132	2.991	57.49	98.6	0
2002-04-09 01:00	208.8	7.22	138.3	1.853	1.993	57.92	98.4	0
2002-04-09 02:00	205	6.43	102.8	2.216	1.989	57.32	97.7	0
2002-04-09 03:00	205.4	5.147	122.8	1.212	1.544	57.38	98.2	0
2002-04-09 04:00	224	5.036	71.1	1.356	1.053	57.99	98.2	0
2002-04-09 05:00	232.7	3.822	91.7	1.178	1.639	57.4	97.9	0
2002-04-09 06:00	135.1	5.252	104.7	2.337	2.261	56.51	98.5	0
2002-04-09 07:00	117.7	4.273	69.6	1.99	2.575	56.44	98.7	0
2002-04-09 08:00	97.6	2.875	101.3	1.387	0.603	58.33	99	0
2002-04-09 09:00	49.05	2.109	278.5	2.043	-0.929	61.49	96.1	0
2002-04-09 10:00	327.4	4.513	307	3.552	-1.205	62.53	90.5	0
2002-04-09 11:00	342.1	4.397	354.4	3.476	-1.21	64.47	85.6	0
2002-04-09 12:00	332.2	7.72	338.7	6.112	-1.457	66.05	80.3	0
2002-04-09 13:00	335.6	8.36	340.6	6.647	-1.475	67.98	74.4	0
2002-04-09 14:00	333.4	8.82	346.7	7.38	-1.35	69.52	69.65	0
2002-04-09 15:00	338.9	10.56	339.9	7.43	-1.514	70.2	67.74	0
2002-04-09 16:00	340.8	9.61	342.5	6.912	-1.348	71.1	63.96	0
2002-04-09 17:00	344.7	9.92	346.2	6.669	-1.135	71.1	62.91	0
2002-04-09 18:00	355.3	8.92	354.4	6.168	-0.824	70.4	64.93	0
2002-04-09 19:00	2.954	9.88	6.027	6.282	-0.643	67.81	73.4	0
2002-04-09 20:00	8.13	10.94	7.11	6.977	-0.644	65.13	78.9	0
2002-04-09 21:00	10.44	10.09	8.38	6.375	-0.657	63.12	85.4	0
2002-04-09 22:00	14.66	9.72	13.99	6.283	-0.694	61.6	89.5	0
2002-04-09 23:00	18.07	7.16	15.62	3.888	-0.587	60.45	91.3	0
2002-04-10 00:00	26.11	6.615	27.19	3.179	-0.319	59.09	94.1	0
2002-04-10 01:00	21.88	6.01	14.41	1.862	0.213	57.82	96.2	0
2002-04-10 02:00	21.6	7.38	19.39	3.191	-0.077	57.59	97.2	0
2002-04-10 03:00	33.42	5.296	13.98	1.317	0.223	56.63	97.5	0
2002-04-10 04:00	41.62	4.245	152.8	0.886	0.446	55.79	98.2	0
2002-04-10 05:00	54.19	7.55	44.91	4.286	-0.552	56.69	98.6	0
2002-04-10 06:00	66.01	6.086	52.53	4.168	-0.818	56.62	98.5	0
2002-04-10 07:00	71.8	5.278	52.96	3.611	-0.95	56.9	98.6	0
2002-04-10 08:00	67.85	4.785	51.28	3.44	-1.246	57.9	98.3	0
2002-04-10 09:00	43.14	4.641	34.55	3.916	-1.177	59.96	93.3	0
2002-04-10 10:00	350.5	5.825	341.5	5.042	-1.462	62.55	84.9	0
2002-04-10 11:00	334.8	8.07	329.1	6.156	-1.708	64.43	79.8	0
2002-04-10 12:00	334.2	7.58	345.1	6.63	-1.324	68.13	71.8	0
2002-04-10 13:00	336	9.47	342.2	7.67	-1.473	70.9	64.34	0
2002-04-10 14:00	329	8.38	344.9	7.34	-1.323	72.9	61.46	0
2002-04-10 15:00	334.5	9.21	337.3	6.852	-1.404	74.2	58.34	0
2002-04-10 16:00	338.9	7.69	341.7	5.851	-1.217	74.8	55.92	0
2002-04-10 17:00	336.3	7.2	342.5	4.952	-1.042	74.8	56.64	0
2002-04-10 18:00	353.5	7.11	359.3	3.965	-0.323	73.6	59.62	0
2002-04-10 19:00	9.8	8.11	21.9	3.73	0.616	71.8	64.1	0
2002-04-10 20:00	11.42	9.48	22.49	4.769	0.359	70.3	68.84	0
2002-04-10 21:00	16.27	8.8	26.97	4.345	0.308	68.56	73.8	0
2002-04-10 22:00	33.23	7.54	48.77	2.938	1.421	66.31	80.5	0
2002-04-10 23:00	54.18	6.665	69.56	1.389	4.222	63.27	89.6	0
2002-04-11 00:00	49.32	6.898	122.5	1.436	4.727	62.01	92.6	0
2002-04-11 01:00	42	3.902	163.2	1.038	4.394	60.97	94	0
2002-04-11 02:00	61.63	3.205	91.2	0.79	4.927	60.04	96.6	0
2002-04-11 03:00	61.05	5.292	46.36	1.701	4.685	59.54	97	0
2002-04-11 04:00	79.1	8.15	112.6	1.767	4.806	59.04	97.3	0
2002-04-11 05:00	97.2	7.84	125.5	2.025	3.359	58.85	95.1	0
2002-04-11 06:00	106	7.56	134	2.273	1.43	58.65	96.8	0

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2002-04-11 07:00	117.1	9.47	130.2	2.711	0.785	59.68	96.5	0
2002-04-11 08:00	120	6.371	140.1	3.034	-0.993	63.45	90.2	0
2002-04-11 09:00	120.6	5.152	141.4	3.504	-1.295	68.55	81.4	0
2002-04-11 10:00	128.6	5.559	136.6	3.917	-1.418	73.3	71.8	0
2002-04-11 11:00	146.3	6.519	143.8	5.256	-1.328	76	62.69	0
2002-04-11 12:00	153.1	5.336	168.5	4.417	-1.429	77.2	57.6	0
2002-04-11 13:00	184.2	5.507	201.7	3.969	-0.971	76.1	59.94	0
2002-04-11 14:00	136	3.748	167.1	2.57	-1.044	76.6	58.43	0
2002-04-11 15:00	146.9	5.07	154.5	4.219	-1.137	78	54.52	0
2002-04-11 16:00	157.7	3.126	171.4	2.574	-1.053	78.1	52.58	0
2002-04-11 17:00	113.1	4.788	122.1	3.219	-1.08	79.3	48.94	0
2002-04-11 18:00	109.8	8.06	104.1	3.723	-0.761	77.7	54.39	0
2002-04-11 19:00	115.8	8.92	83.3	2.027	0.282	75	59.36	0
2002-04-11 20:00	121	10.91	106.2	3.928	-0.079	72.2	68.87	0
2002-04-11 21:00	121.4	11.42	113.8	3.884	-0.391	69.55	78.6	0
2002-04-11 22:00	124.2	12.72	127.8	5.58	-0.715	68.12	83.4	0
2002-04-11 23:00	128.7	10.86	133.7	5.403	-0.89	67.77	85.8	0
2002-04-12 00:00	135.5	9.62	134.7	4.471	-0.707	67.27	85.6	0
2002-04-12 01:00	124.1	8.01	102.6	2.133	-0.346	65.56	89.7	0
2002-04-12 02:00	115.8	7.11	64.61	2.33	-0.201	64.07	93.3	0
2002-04-12 03:00	104.2	6.733	57.4	2.672	-0.184	63.09	95	0
2002-04-12 04:00	101.3	4.689	29.84	1.797	0.378	61.7	96.8	0
2002-04-12 05:00	108.2	7.88	91.5	1.996	0.022	61.49	97.6	0
2002-04-12 06:00	128.8	9.29	128.8	3.064	-0.418	61.83	97.5	0
2002-04-12 07:00	111.8	3.528	49.83	2.098	-0.851	62.29	96.8	0
2002-04-12 08:00	128.1	4.775	135	3.559	-1.195	64.22	93.4	0
2002-04-12 09:00	123.4	5.815	134.1	4.36	-1.365	66.53	86.7	0
2002-04-12 10:00	110.6	7.36	100.4	4.876	-1.383	67.55	84.5	0
2002-04-12 11:00	127.9	6.647	138.2	5.13	-1.445	71	77.2	0
2002-04-12 12:00	112.7	7.04	124.8	5.611	-1.416	74	66.95	0
2002-04-12 13:00	86.6	6.702	73.8	5.23	-1.144	74.5	64.88	0
2002-04-12 14:00	108.1	7.1	89.7	5.049	-1.107	75.6	61.55	0
2002-04-12 15:00	134.8	5.691	141	3.864	-0.938	75.9	59.73	0
2002-04-12 16:00	95.8	4.184	55.73	2.73	-0.915	76.9	57.45	0
2002-04-12 17:00	75.5	4.651	41.84	3.313	-0.952	77.3	57.54	0
2002-04-12 18:00	94.2	7.37	74.2	4.057	-0.845	75.8	60.73	0
2002-04-12 19:00	109.5	7.74	80.7	2.779	-0.21	72.5	64.82	0
2002-04-12 20:00	114	9.46	75.8	2.966	0.052	69.87	71.7	0
2002-04-12 21:00	119.9	9.08	84	2.138	0.234	67.86	77.1	0
2002-04-12 22:00	120.9	10.64	114.2	2.48	0.112	66.43	82.5	0
2002-04-12 23:00	119.3	10.85	126.7	2.899	-0.208	65.49	86.1	0
2002-04-13 00:00	118.1	10.59	99.6	2.626	-0.123	64.57	90.2	0
2002-04-13 01:00	110.5	8.94	70.9	2.897	-0.287	63.84	93.2	0
2002-04-13 02:00	106.1	5.7	69.49	2.001	0.005	63.09	95.3	0
2002-04-13 03:00	103.1	3.953	6.409	1.72	0.638	61.82	97.4	0
2002-04-13 04:00	106.6	3.447	105.2	1.64	-0.474	61.74	98.4	0
2002-04-13 05:00	103.6	3.841	93.9	1.886	-0.638	61.01	99.2	0
2002-04-13 06:00	103.9	5.242	75.6	2.711	-0.654	60.7	99.5	0
2002-04-13 07:00	88	4.204	72.3	2.193	-0.841	60.6	99.6	0
2002-04-13 08:00	97	2.005	120	1.652	-1.398	62.77	99.6	0
2002-04-13 09:00	98.4	5.534	81.5	4.266	-1.189	66.98	85	0
2002-04-13 10:00	97.3	7.12	81.5	5.261	-1.184	70.1	70.6	0
2002-04-13 11:00	98.6	6.868	113.2	5.057	-1.436	73.4	63.14	0
2002-04-13 12:00	306.9	5.248	283.6	4.401	-1.483	73.4	67.44	0
2002-04-13 13:00	311.1	6.958	288.1	4.538	-1.574	75.4	60.97	0
2002-04-13 14:00	318.6	6.113	311	4.998	-1.284	76.3	55.17	0

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2002-04-13 15:00	331.3	5.115	332.7	4.189	-1.162	77	54.62	0
2002-04-13 16:00	340.9	4.795	345.7	3.419	-0.927	77	55.2	0
2002-04-13 17:00	325.7	3.512	308.8	1.902	-0.674	76.7	57.38	0
2002-04-13 18:00	307.3	3.094	276.9	1.159	0.413	75.8	60.05	0
2002-04-13 19:00	155.8	4.783	100.3	1.112	2.533	72.7	67.86	0
2002-04-13 20:00	139.6	6.188	103.5	1.425	2.556	70.9	74.2	0
2002-04-13 21:00	119.9	11.03	82.7	2.438	0.787	69.29	78.7	0
2002-04-13 22:00	122.1	11.11	101.2	3.204	-0.259	67.84	82.1	0
2002-04-13 23:00	121.6	8.98	91.4	2.18	0.024	66.35	84.7	0
2002-04-14 00:00	131.7	8.68	128.3	1.729	0.705	64.84	87.9	0
2002-04-14 01:00	129	8.66	103.3	1.643	0.936	63.78	90.2	0
2002-04-14 02:00	162.6	3.985	172.3	0.98	0.985	62.47	92.6	0
2002-04-14 03:00	174.1	6.967	93.9	1.582	3.16	62.1	95.4	0
2002-04-14 04:00	149.9	6.935	102.4	1.668	1.051	62.85	92.6	0
2002-04-14 05:00	158.1	7.75	151.5	3.078	0.348	63.27	92.4	0
2002-04-14 06:00	174.7	7.67	177.1	3.203	0.077	63.42	92.9	0
2002-04-14 07:00	169.5	7.9	163.7	4.159	-0.366	64.13	93.4	0
2002-04-14 08:00	147.8	6.854	146.3	4.196	-0.972	63.98	93.4	0
2002-04-14 09:00	119.8	7.01	116.8	4.266	-1.449	65.26	92.3	0
2002-04-14 10:00	128.1	5.017	134.1	3.678	-1.456	70	83.6	0
2002-04-14 11:00	215.4	5.341	219.1	4.114	-1.481	73.9	74.5	0
2002-04-14 12:00	246.1	5.239	241.4	4.119	-1.51	75.4	66.45	0
2002-04-14 13:00	262.3	3.615	259.6	3.308	-1.196	77	56.12	0
2002-04-14 14:00	285.9	4.147	269.8	3.715	-1.285	78.3	51.5	0
2002-04-14 15:00	150	6.416	158.3	4.883	-1.299	79.7	53.77	0
2002-04-14 16:00	196.9	6.213	201.9	4.708	-1.115	80.3	55.17	0
2002-04-14 17:00	228.4	5.971	242.9	3.782	-0.821	79.4	56.06	0
2002-04-14 18:00	182.2	5.986	181.6	3.53	-0.751	79.3	57.87	0
2002-04-14 19:00	160.6	5.121	139.3	2.089	0.091	76.8	63.72	0
2002-04-14 20:00	153.2	6.689	135.2	3.556	0.295	74.7	67.31	0
2002-04-14 21:00	159.2	8.79	115.6	2.998	1.154	72.1	73.4	0
2002-04-14 22:00	165.2	6.247	112.5	1.788	1.483	70.4	76.9	0
2002-04-14 23:00	139.7	9.57	110.6	3.141	1.976	68.5	81.5	0
2002-04-15 00:00	161.4	9.07	111.7	2.389	2.373	67.19	85.1	0
2002-04-15 01:00	153.1	9.43	115.6	2.713	1.767	66.36	86.7	0
2002-04-15 02:00	150.4	10.16	130.3	3.211	0.65	65.73	87.4	0
2002-04-15 03:00	164.4	6.594	152.1	2.117	0.146	65.26	88.5	0
2002-04-15 04:00	167.9	6.175	143.3	2.514	0.222	65.32	90.5	0
2002-04-15 05:00	150.9	6.855	110.8	2.436	0.703	64.13	93.9	0
2002-04-15 06:00	146.4	6.882	98.6	2.184	1.222	63.02	96	0
2002-04-15 07:00	129.6	8.82	112	3.313	0.359	63.02	96.9	0
2002-04-15 08:00	135	7.34	136	3.985	-0.919	65.01	95.2	0
2002-04-15 09:00	155.9	5.644	158.7	3.949	-1.223	69.48	86.2	0
2002-04-15 10:00	197.9	8.23	208.4	6.148	-1.144	73	75.1	0
2002-04-15 11:00	228.5	9.03	237.1	5.782	-1.296	73.6	71.1	0
2002-04-15 12:00	183.7	8.27	186.6	6.202	-1.27	75.8	66.92	0
2002-04-15 13:00	169.3	7.83	176	5.721	-1.34	77.8	61.72	0
2002-04-15 14:00	163.5	9.65	165.6	7.19	-1.507	79.7	58.25	0
2002-04-15 15:00	171.8	9.44	172.3	6.469	-1.278	80	56.74	0
2002-04-15 16:00	180.7	8.82	178.8	5.921	-1.032	80.2	56.31	0
2002-04-15 17:00	185.2	8.67	189.5	5.126	-0.75	80.2	56.41	0
2002-04-15 18:00	189.6	6.987	190.5	3.67	-0.527	79.4	57.99	0
2002-04-15 19:00	184.5	8.36	173.3	3.381	0.113	77.2	62.94	0
2002-04-15 20:00	162	7.81	129.3	3.258	1.019	74.9	67.61	0
2002-04-15 21:00	153.4	6.728	163.6	3.815	0.229	73.1	71.9	0
2002-04-15 22:00	149.5	9.33	149.1	3.833	0.592	70.6	80.2	0

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2002-04-15 23:00	164.7	10.97	141	4.219	0.869	70.7	80.9	0
2002-04-16 00:00	159.4	12.38	134.8	5.225	0.638	70	83.5	0
2002-04-16 01:00	150.8	12.24	122.7	4.626	0.44	68.54	90.4	0
2002-04-16 02:00	147.1	11.47	121.9	4.511	0.223	67.75	93.9	0
2002-04-16 03:00	140.6	10.57	127.1	4.563	0.173	66.71	96.1	0
2002-04-16 04:00	161.3	10.36	161.2	5.382	-0.467	67.96	96.8	0
2002-04-16 05:00	165.6	8.11	156.4	4.038	-0.465	68.88	94.6	0
2002-04-16 06:00	150.9	8.2	132.4	3.811	-0.255	68.37	96.1	0
2002-04-16 07:00	153.9	7.96	139.4	3.73	-0.405	68.94	96.3	0
2002-04-16 08:00	143.8	6.792	151.1	4.238	-1.094	70.7	93.6	0
2002-04-16 09:00	167.6	8.86	176.8	5.91	-1.335	74.1	83.5	0
2002-04-16 10:00	182.3	8.54	190.8	6.295	-1.206	75.9	76.3	0
2002-04-16 11:00	172.8	9.46	177.9	6.023	-1.327	78.1	69.25	0
2002-04-16 12:00	171.3	11.81	175.9	7.75	-1.281	79.8	60.39	0
2002-04-16 13:00	155.4	13.35	159	8.95	-1.435	81.3	56.41	0
2002-04-16 14:00	168.7	11.48	177.2	7.5	-1.252	82.8	51.91	0
2002-04-16 15:00	188.7	11.32	192.6	7.58	-1.027	83.5	49.48	0
2002-04-16 16:00	191.2	9.29	199.4	5.891	-0.69	82.7	51.28	0
2002-04-16 17:00	195.8	9.16	200.9	5.169	-0.441	81	54.86	0
2002-04-16 18:00	190.9	7.57	185.9	2.927	-0.134	79.5	58.56	0
2002-04-16 19:00	153.6	5.103	158.1	2.396	-0.038	77.4	64.77	0
2002-04-16 20:00	147.9	10.45	148.7	3.27	0.962	74.9	73.7	0
2002-04-16 21:00	154.5	10.92	162.9	5.428	-0.369	75.1	75.6	0
2002-04-16 22:00	159.7	9.79	168.9	5.562	-0.609	74.2	79.5	0
2002-04-16 23:00	162.1	10.27	166.1	5.937	-0.632	73	83.8	0
2002-04-17 00:00	167.3	7.57	157.1	4.032	-0.561	72.1	86.7	0
2002-04-17 01:00	164.5	9.51	149.9	4.602	-0.421	71	89.9	0
2002-04-17 02:00	157.6	9.48	138.1	4.604	-0.362	70.1	92.9	0
2002-04-17 03:00	169.6	9.35	167.2	5.228	-0.577	70.6	91.8	0
2002-04-17 04:00	158.7	9.31	140.7	4.748	-0.328	69.98	92.7	0
2002-04-17 05:00	152.9	7.83	137.5	3.518	-0.334	69.56	93.6	0
2002-04-17 06:00	158.6	7.05	135.1	2.936	-0.182	69.33	94.8	0
2002-04-17 07:00	148	7.34	140.7	3.152	-0.406	69.51	94.1	0
2002-04-17 08:00	153.5	7.4	158.2	4.565	-0.851	71.2	91.3	0
2002-04-17 09:00	175	8.16	182.3	5.845	-1.172	73.8	83	0
2002-04-17 10:00	188.5	7.04	204	5.076	-1.027	75.3	77.6	0
2002-04-17 11:00	171.8	8.71	184.3	6.458	-1.179	77.2	71	0
2002-04-17 12:00	181.3	7.2	187.2	5.138	-1.278	79.6	64.33	0
2002-04-17 13:00	250.8	5.971	248.7	4.443	-1.262	80.9	61.16	0
2002-04-17 14:00	273.9	4.56	279.2	3.548	-1.135	81.8	58.51	0
2002-04-17 15:00	267.9	3.818	278.2	3.282	-1.097	83.5	54.88	0
2002-04-17 16:00	205.8	4.638	211.1	3.61	-1.117	84.9	51.36	0
2002-04-17 17:00	189.7	5.636	197.3	4.249	-0.847	85	49.61	0
2002-04-17 18:00	177.7	5.154	176.6	3.043	-0.774	84.3	50.83	0
2002-04-17 19:00	211.7	6.116	79.8	1.278	1.93	79.4	63.86	0
2002-04-17 20:00	224.8	7.93	49.78	1.019	3.078	76.3	72.6	0
2002-04-17 21:00	185.1	6.744	109.2	1.612	2.886	75.2	75.4	0
2002-04-17 22:00	147.4	9.4	115.6	3.061	3.117	73.5	75.4	0
2002-04-17 23:00	171.2	11.91	157.8	5.424	0.409	73.1	78.6	0
2002-04-18 00:00	183.7	10.33	183.2	5.405	-0.476	72.8	83	0
2002-04-18 01:00	185.9	8.99	179.1	4.656	-0.481	71.4	87.2	0
2002-04-18 02:00	191.2	7.74	170	3.375	-0.278	70.4	90	0
2002-04-18 03:00	194.7	7.15	169	2.996	-0.185	69.54	92.2	0
2002-04-18 04:00	195.8	7.51	167.5	3.124	-0.159	68.99	93.3	0
2002-04-18 05:00	194	6.586	159.5	2.298	0.028	68.37	94.7	0
2002-04-18 06:00	182	6.563	147.6	2.15	0.277	67.85	95.7	0

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2002-04-18 07:00	186.1	6.066	167.6	3.208	-0.631	68.02	96.3	0
2002-04-18 08:00	187.4	3.074	154.3	2.212	-0.919	69.11	96.3	0
2002-04-18 09:00	169.8	4.531	162.6	3.193	-1.121	71.5	88.6	0
2002-04-18 10:00	174.2	5.798	169.6	4.346	-1.241	74	76.9	0
2002-04-18 11:00	183.3	4.253	197.5	3.584	-1.268	76.4	71.6	0
2002-04-18 12:00	269.1	4.809	273.2	3.861	-1	77.5	67.76	0
2002-04-18 13:00	272.7	4.714	267.5	3.868	-1.051	79.3	63.36	0
2002-04-18 14:00	262.4	6.308	253.7	4.728	-1.364	81.3	60.22	0
2002-04-18 15:00	252.3	8.4	251.1	6.015	-1.486	82.2	60.39	0
2002-04-18 16:00	245.7	9.24	251.1	5.803	-1.396	82.2	61.2	0
2002-04-18 17:00	250.1	8.11	249.8	4.989	-1.199	81.7	62.61	0
2002-04-18 18:00	234.3	7.02	238	3.629	-0.692	80.2	65.62	0
2002-04-18 19:00	208.4	5.309	88.6	1.185	1.441	77.3	73.1	0
2002-04-18 20:00	164.1	7.07	120.1	2.165	1.718	76.5	73.1	0
2002-04-18 21:00	163.3	8.45	120.8	2.758	1.547	75.3	74.3	0
2002-04-18 22:00	166.9	9.52	130	3.127	1.666	73.8	76.9	0
2002-04-18 23:00	179.6	12.46	178.5	6.129	-0.027	74	76.5	0
2002-04-19 00:00	189.8	10.97	188.2	5.18	-0.252	73	80.6	0
2002-04-19 01:00	196.2	9.58	189.9	4.529	-0.302	71.9	83	0
2002-04-19 02:00	211	8.93	213.6	4.186	-0.176	70.4	87.2	0
2002-04-19 03:00	208.5	7.73	214.2	2.885	-0.169	69.06	91	0
2002-04-19 04:00	201.4	7.55	197.9	3.108	-0.407	68.65	92.7	0
2002-04-19 05:00	218	7.08	233.1	3.155	-0.446	68.52	94.3	0
2002-04-19 06:00	224.2	7.32	222.4	2.762	-0.147	68.56	94.8	0
2002-04-19 07:00	194.1	5.308	190.1	2.383	-0.545	69.59	91.3	0
2002-04-19 08:00	172.9	5.555	164.5	3.493	-0.928	71	88.5	0
2002-04-19 09:00	190.8	5.101	182.2	2.94	-0.807	72.8	83.8	0
2002-04-19 10:00	206.9	6.225	217.8	4.145	-1.074	75.1	75.5	0
2002-04-19 11:00	205.3	7.21	204	5.089	-1.194	77.1	69.72	0
2002-04-19 12:00	232.8	5.891	237.3	4.469	-1.138	78.4	68	0
2002-04-19 13:00	199	7.95	204.9	5.828	-1.291	81.4	59.82	0
2002-04-19 14:00	237.2	9.16	235.8	6.254	-1.375	81.6	60.14	0
2002-04-19 15:00	245	6.957	246.1	5.178	-1.236	81.9	60.96	0
2002-04-19 16:00	240.7	7.53	241.6	4.915	-1.194	82.4	59.55	0
2002-04-19 17:00	192.3	8.49	186.1	5.906	-0.932	83.2	54.84	0
2002-04-19 18:00	195.8	6.632	189.9	3.538	-0.527	82.1	56.57	0
2002-04-19 19:00	168.8	5.373	133.4	2.124	0.3	79.6	63	0
2002-04-19 20:00	165.2	6.705	136.9	2.6	0.694	77.3	68.43	0
2002-04-19 21:00	161.8	9.75	123.9	3.886	1.576	76.2	71.6	0
2002-04-19 22:00	163.2	9.07	131.4	3.299	1.147	74.8	74.9	0
2002-04-19 23:00	185.2	9.21	166.2	3.395	0.598	74	76.1	0
2002-04-20 00:00	184.6	8.81	160.3	3.711	0.227	72.4	79.6	0
2002-04-20 01:00	197	8.58	184.5	3.052	0.103	71	82.7	0
2002-04-20 02:00	202	9.34	197.4	3.94	-0.156	70.2	85.4	0
2002-04-20 03:00	198	8.83	189.6	3.747	-0.212	69.25	89.6	0
2002-04-20 04:00	196.9	7.5	181.9	2.795	-0.216	68.55	93.3	0
2002-04-20 05:00	188.4	6.991	162.8	2.604	0.088	68.18	94.1	0
2002-04-20 06:00	183.7	5.077	118.4	1.682	0.749	67.22	95.2	0
2002-04-20 07:00	176.4	2.823	94.6	1.308	1.329	66.71	97.3	0
2002-04-20 08:00	204.7	2.931	197	2.169	-0.966	69.78	93	0
2002-04-20 09:00	235.2	4.252	237	3.267	-1.196	70.2	94.5	0
2002-04-20 10:00	239.5	5.255	244.7	3.86	-1.25	72.1	88.5	0
2002-04-20 11:00	232	4.391	222.1	3.467	-1.294	74.7	80.4	0
2002-04-20 12:00	263.8	5.615	258.3	3.398	-1.248	77.1	72.7	0
2002-04-20 13:00	225.9	4.079	222.5	3.548	-1.236	78.8	68.96	0
2002-04-20 14:00	248.8	6.167	248.2	4.758	-1.437	80.5	66.15	0

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2002-04-20 15:00	214.3	7.11	219.8	5.325	-1.213	82.5	59.05	0
2002-04-20 16:00	209.5	6.563	212.5	3.909	-0.725	82.3	59.06	0
2002-04-20 17:00	195.3	8.06	198.5	4.024	-0.402	82.3	58.52	0
2002-04-20 18:00	190.8	8.96	190.8	4.268	-0.361	81.9	57.96	0
2002-04-20 19:00	175.8	7.71	161.2	2.852	0.488	79.9	61.12	0
2002-04-20 20:00	177.6	8.98	160.9	3.3	0.777	78.2	63	0
2002-04-20 21:00	179.3	10.07	157.8	3.796	0.929	76.3	68.78	0
2002-04-20 22:00	195.1	10	187.8	4.292	0.204	75.2	69.46	0
2002-04-20 23:00	196.5	9.92	184.3	3.774	0.074	73.6	71.7	0
2002-04-21 00:00	196	9.33	187.2	4.001	-0.15	72.2	75.1	0
2002-04-21 01:00	194.4	9.57	178.6	3.957	-0.13	70.6	81	0
2002-04-21 02:00	191.5	9.83	179.3	4.404	-0.227	69.43	86.7	0
2002-04-21 03:00	184.7	9.89	176.7	4.877	-0.374	68.81	90.1	0
2002-04-21 04:00	182	11.56	179	6.09	-0.522	68.46	92.5	0
2002-04-21 05:00	187.8	10.92	186	5.163	-0.392	68.2	93.9	0
2002-04-21 06:00	191.2	9.75	194.2	5.089	-0.538	67.94	94.9	0
2002-04-21 07:00	194.6	9.71	198	5.583	-0.814	69.4	93.9	0
2002-04-21 08:00	217.7	8.73	221.2	5.718	-1.046	71.3	88.8	0
2002-04-21 09:00	239.3	8.48	245.4	5.221	-1.278	72.7	85.5	0
2002-04-21 10:00	231.2	12.45	232.3	7.96	-1.563	75.6	74.5	0
2002-04-21 11:00	233.5	12.52	235.2	7.79	-1.755	77.9	67.8	0
2002-04-21 12:00	235	11.15	236.7	7.05	-1.43	78.6	65.6	0
2002-04-21 13:00	232.8	11.64	236.5	7.75	-1.556	81	59.71	0
2002-04-21 14:00	222.7	11.08	223	7.43	-1.401	82.2	56.49	0
2002-04-21 15:00	216.9	13.71	219.4	9.06	-1.336	83.3	53.1	0
2002-04-21 16:00	208.1	10.21	207.3	7.14	-1.215	83.9	54.5	0
2002-04-21 17:00	196	8.19	186.1	5.766	-0.983	83.7	55.75	0
2002-04-21 18:00	194.5	7.13	180.8	4.18	-0.497	82.6	57.49	0
2002-04-21 19:00	188.8	7.96	174.3	3.252	0.123	80.6	60.26	0
2002-04-21 20:00	187.3	9.12	163.7	3.323	0.798	79	63.71	0
2002-04-21 21:00	192.5	9.61	173.2	3.879	0.347	78.1	64.78	0
2002-04-21 22:00	197.5	8.77	183.1	3.431	0.096	76.6	68.07	0
2002-04-21 23:00	205.5	10.39	204	5.305	-0.186	75.1	73.2	0
2002-04-22 00:00	215.3	9.07	219	4.465	-0.195	73.4	79	0
2002-04-22 01:00	222.6	8.89	227.7	4.013	-0.181	72.3	83.9	0
2002-04-22 02:00	231.2	8.34	232	3.651	-0.218	71.8	87	0
2002-04-22 03:00	248.6	9	246.5	3.787	-0.324	71.4	89.4	0
2002-04-22 04:00	246.7	7.56	255.2	3.285	-0.381	71	92.5	0
2002-04-22 05:00	272.2	9.04	277.2	5.376	-0.589	70.1	93	0
2002-04-22 06:00	23.75	16.9	23.02	11.81	-0.729	61.69	86.4	0.02
2002-04-22 07:00	35.17	13.23	35.51	8.91	-0.661	61.4	79.2	0
2002-04-22 08:00	47.64	10.21	46.25	6.856	-0.784	61.46	74.8	0
2002-04-22 09:00	42.29	5.419	33.48	3.261	-0.832	61.28	73.5	0
2002-04-22 10:00	63.11	8.54	55.33	5.636	-0.986	62.29	70.3	0
2002-04-22 11:00	66.37	10.25	54.03	7.11	-1.163	64.37	64.26	0
2002-04-22 12:00	31.09	9.62	20.94	6.388	-0.801	65.4	60.91	0
2002-04-22 13:00	47.42	12.19	41.27	7.6	-0.634	58.89	81.6	0.34
2002-04-22 14:00	90	12.35	73.7	5.708	-0.708	55.14	86.6	0.09
2002-04-22 15:00	82.1	10.06	59.45	5.571	-0.896	56.3	86	0
2002-04-22 16:00	79.2	8.25	57.66	5.029	-0.99	58.36	77.6	0
2002-04-22 17:00	77.2	5.47	65.84	2.951	-0.956	59.18	81	0
2002-04-22 18:00	90.7	2.936	107.3	1.414	-1.055	59.59	85.5	0
2002-04-22 19:00	82.7	3.866	77.6	1.274	-0.066	58.52	91.3	0
2002-04-22 20:00	81.9	6.291	87.7	1.404	1.5	57.25	96	0
2002-04-22 21:00	99.3	6.537	92.6	1.786	0.433	57.33	96.5	0
2002-04-22 22:00	106.7	5.764	72.2	1.938	-0.054	57.19	96.8	0

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2002-04-22 23:00	118.6	7.02	103.2	2.097	-0.07	56.86	97.2	0
2002-04-23 00:00	94.5	5.381	72.5	1.928	0.445	56.64	97.3	0
2002-04-23 01:00	100.3	6.532	71.3	1.945	0.293	56.57	97.4	0
2002-04-23 02:00	76.6	6.467	54.13	2.153	0.247	57.68	96.3	0
2002-04-23 03:00	81.9	6.179	53.05	2.453	-0.192	58.5	93.2	0
2002-04-23 04:00	98.9	7.6	72.2	2.862	-0.143	59.36	88.7	0
2002-04-23 05:00	95.8	8.19	78.3	2.998	-0.385	59.73	85.7	0
2002-04-23 06:00	115.5	10.32	123.2	3.456	-0.458	59.92	85.8	0
2002-04-23 07:00	124.2	11.92	124.6	4.522	-0.461	60.95	81.5	0
2002-04-23 08:00	127.2	12.53	138.2	5.591	-0.946	64	73.4	0
2002-04-23 09:00	122.8	10	131.9	4.875	-1.314	67.41	65.69	0
2002-04-23 10:00	134.2	7.1	134	4.429	-1.293	70.3	60.48	0
2002-04-23 11:00	141	4.251	148.9	3.522	-1.354	73	61.58	0
2002-04-23 12:00	42.95	4.975	34.95	4.539	-1.155	73.5	65.3	0
2002-04-23 13:00	64.83	5.796	43.48	4.845	-1.114	74.1	66.4	0
2002-04-23 14:00	119.8	8.07	124.2	5.009	-1.484	76.5	64.37	0
2002-04-23 15:00	131.4	7.35	142.8	4.77	-1.426	78.1	63.22	0
2002-04-23 16:00	123.4	8.91	123.6	4.858	-1.391	79.3	62.9	0
2002-04-23 17:00	140.3	9	147.2	5.174	-1.325	79.5	63.02	0
2002-04-23 18:00	140	8.51	143.8	3.962	-0.722	77.9	66.52	0
2002-04-23 19:00	131.9	8.18	107.9	2.615	0.124	75.2	71.9	0
2002-04-23 20:00	124.5	8.1	53.81	1.971	0.917	72.6	77.9	0
2002-04-23 21:00	123.9	10.6	113.5	2.645	0.032	71.6	79.8	0
2002-04-23 22:00	123	11.4	138.2	3.308	-0.341	70.2	82.9	0
2002-04-23 23:00	127.2	11.38	131.4	3.289	-0.22	69.45	85.2	0
2002-04-24 00:00	128.8	12.07	122.8	3.617	-0.174	68.99	86.5	0
2002-04-24 01:00	136.6	12.94	130.6	5.169	-0.288	68.66	88.2	0
2002-04-24 02:00	128.5	7.35	97.4	3.033	-0.392	68.77	89.6	0
2002-04-24 03:00	128.4	8.24	123.7	2.876	-0.562	68.45	90.9	0
2002-04-24 04:00	133	10.25	121	3.376	-0.166	67.98	92.8	0
2002-04-24 05:00	153.4	9.82	127.8	3.901	0.335	68.05	94.1	0
2002-04-24 06:00	155.9	9.36	135.6	4.494	0.1	68.4	93.1	0
2002-04-24 07:00	175.5	7.07	183.9	3.421	-0.388	69.03	91.7	0
2002-04-24 08:00	178.4	6.562	171.7	3.614	-0.798	70.9	88.7	0
2002-04-24 09:00	195.9	7.68	193.7	5.25	-1.057	74.4	81.2	0
2002-04-24 10:00	193.8	10.04	200.6	6.763	-1.175	76.5	73.1	0
2002-04-24 11:00	202.6	11.86	202.4	8.1	-1.475	79.1	63.67	0
2002-04-24 12:00	231.3	9.77	237.8	6.235	-1.298	79.6	61.88	0
2002-04-24 13:00	226.6	10.59	226	6.594	-1.284	80.6	59.19	0
2002-04-24 14:00	206.6	11.39	204.9	7.93	-1.336	82.9	50.21	0
2002-04-24 15:00	218.8	11.75	222.1	8.3	-1.187	83.4	48.85	0
2002-04-24 16:00	206.4	10.78	209	7.33	-1.077	83.6	50.57	0
2002-04-24 17:00	198.2	10.52	196.7	6.472	-0.911	83.5	51.52	0
2002-04-24 18:00	190.9	10.07	183.6	5.919	-0.525	82.4	53.33	0
2002-04-24 19:00	187.6	9.41	180.4	4.421	-0.053	80.3	56.63	0
2002-04-24 20:00	195.2	8.35	180.7	2.698	0.346	78.3	61.09	0
2002-04-24 21:00	196.6	7.44	165.7	2.031	0.935	76.4	66.56	0
2002-04-24 22:00	199.6	6.707	152.8	1.373	1.201	75	70.6	0
2002-04-24 23:00	199.2	7.41	156.5	2.485	0.791	74.1	73.4	0
2002-04-25 00:00	205.9	8.81	190.5	3.377	0.167	73	76.9	0
2002-04-25 01:00	217.6	8.84	210	3.128	0.138	71.8	80.9	0
2002-04-25 02:00	228.5	8.12	222.3	2.825	0.303	71.4	82.5	0
2002-04-25 03:00	260.1	9.64	260	4.17	-0.177	71.5	83.4	0
2002-04-25 04:00	351.3	11.06	357.3	6.806	-0.751	70.8	83.5	0
2002-04-25 05:00	10.71	12.22	9.95	8.67	-0.903	67.58	77.5	0
2002-04-25 06:00	17.12	13.14	14.69	9.8	-0.959	64.53	76.4	0

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2002-04-25 07:00	22.76	13.5	20.24	9.81	-0.967	63.18	72.9	0
2002-04-25 08:00	20.37	14.28	22.05	10.78	-1.186	62.77	66.49	0
2002-04-25 09:00	29.76	14.33	26.84	11.09	-1.36	63.07	58.79	0
2002-04-25 10:00	29.01	11.79	28.06	9.36	-1.477	64.12	55.91	0
2002-04-25 11:00	26.35	10.38	26.29	8.18	-1.479	65.44	55	0
2002-04-25 12:00	15.06	9.87	16.01	7.74	-1.479	67.19	51.24	0
2002-04-25 13:00	5.129	10.13	7.29	7.9	-1.469	68.14	46.75	0
2002-04-25 14:00	9.69	9.57	10.04	7.57	-1.309	68.99	43.29	0
2002-04-25 15:00	16.38	8.58	18.5	7.2	-1.222	69.68	42.62	0
2002-04-25 16:00	36.43	6.716	32.35	4.916	-0.981	69.7	45.63	0
2002-04-25 17:00	29.13	6.398	23.35	3.787	-0.635	68.86	50.39	0
2002-04-25 18:00	53.07	5.585	46.47	2.471	0.311	67.46	55.83	0
2002-04-25 19:00	31.64	7.53	28.55	3.089	0.981	66.19	59.35	0
2002-04-25 20:00	43.48	10.04	36.85	5.159	0.138	65.8	52.44	0
2002-04-25 21:00	42.57	9.21	31.97	5.042	-0.277	65.27	49.72	0
2002-04-25 22:00	46.63	8.94	37.83	4.943	-0.334	64.79	50	0
2002-04-25 23:00	47.28	7.65	38.2	4.238	-0.462	64.39	51.63	0
2002-04-26 00:00	63.67	7.23	57.39	3.408	-0.48	63.68	53.24	0
2002-04-26 01:00	80.2	7.53	62.66	2.627	-0.295	62.09	56.18	0
2002-04-26 02:00	86.6	5.913	57.28	1.883	-0.043	60.72	59.26	0
2002-04-26 03:00	66.54	7.34	46.75	3.516	-0.218	60.72	57.11	0
2002-04-26 04:00	79.1	7.54	52.92	4.004	-0.599	61.07	49.9	0
2002-04-26 05:00	85.4	7.8	57.4	3.938	-0.707	61.32	45.41	0
2002-04-26 06:00	98	6.963	78.2	3.12	-0.746	61.17	44.58	0
2002-04-26 07:00	33.94	9.74	25.72	5.756	-0.408	58.83	55.99	0.04
2002-04-26 08:00	42.03	11.13	37.27	6.071	-0.362	54.29	78.8	0
2002-04-26 09:00	46.95	10.53	36.16	7.45	-0.911	53.89	76.5	0
2002-04-26 10:00	64.39	13.05	51.21	9.21	-1.181	54.51	69.43	0
2002-04-26 11:00	76.6	13.44	59.63	8.71	-1.25	56.5	61.8	0
2002-04-26 12:00	69.72	11.6	52.79	8.21	-1.362	58.34	59.16	0
2002-04-26 13:00	75.8	9.97	58.33	7.14	-1.414	60.42	56.97	0
2002-04-26 14:00	72.5	8.21	51.82	6.309	-1.343	62.07	57.29	0
2002-04-26 15:00	79.3	7.64	64.04	5.605	-1.414	63.75	58.3	0
2002-04-26 16:00	65.22	8.06	45.94	7.22	-1.231	64.53	58.81	0
2002-04-26 17:00	80.4	8.35	61.18	6.005	-1.183	65.23	60	0
2002-04-26 18:00	67.63	6.999	45.97	4.591	-0.908	63.9	63.92	0
2002-04-26 19:00	72.7	6.349	54.1	2.999	-0.51	62.25	68.08	0
2002-04-26 20:00	81.5	7.77	53.93	3.82	-0.569	60.55	67.96	0
2002-04-26 21:00	82.3	7.96	52.76	4.55	-0.784	59.72	67.04	0
2002-04-26 22:00	91.3	7.98	63.94	4.18	-0.874	58.92	68.43	0
2002-04-26 23:00	103.4	10.03	84.1	4.485	-0.81	57.89	71.1	0
2002-04-27 00:00	110.5	11.47	94.3	4.304	-0.784	57.29	73.2	0
2002-04-27 01:00	116.3	13.13	110	3.868	-0.671	57.46	73.3	0
2002-04-27 02:00	118.3	13.04	126.5	3.819	-0.626	57.49	73.7	0
2002-04-27 03:00	117.2	12.87	100.4	3.711	-0.577	57.31	75.8	0
2002-04-27 04:00	116.3	13.48	109.8	3.349	-0.537	57.12	78.2	0
2002-04-27 05:00	115.1	13.44	102.9	3.621	-0.62	57.83	79.7	0
2002-04-27 06:00	119.6	13.56	123.3	4.1	-0.715	59.27	81.2	0
2002-04-27 07:00	122.2	13.4	132	5.252	-0.977	61.56	84.1	0
2002-04-27 08:00	125.7	12.09	138.1	5.9	-1.226	64.29	85.5	0
2002-04-27 09:00	152.8	11.59	163.9	6.949	-1.345	71.2	82.7	0
2002-04-27 10:00	178.7	13.23	182.4	8.38	-1.473	77	75.1	0
2002-04-27 11:00	180.4	15.39	187.7	9.87	-1.389	80.1	68.33	0
2002-04-27 12:00	185.1	13.37	188.1	8.85	-1.131	81.2	67.01	0
2002-04-27 13:00	195.6	12.47	200.4	8.35	-1.051	82.5	65.4	0
2002-04-27 14:00	196.5	11.11	198.3	7.9	-1.069	84	62.82	0

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2002-04-27 15:00	190.2	10.93	188.9	7.1	-0.734	83.9	61.69	0
2002-04-27 16:00	190.8	13	191.5	8.12	-0.77	84.6	57.91	0
2002-04-27 17:00	190.4	14.82	192	8.93	-0.682	84.9	54.75	0
2002-04-27 18:00	186.9	13.08	187.9	7.76	-0.519	83.7	55.25	0
2002-04-27 19:00	185.1	13.47	187.5	7.44	-0.289	81.7	57.35	0
2002-04-27 20:00	185.3	12.82	185.1	7.2	-0.302	80	61.5	0
2002-04-27 21:00	184.1	13.43	183.5	7.64	-0.461	78.7	66.35	0
2002-04-27 22:00	181.7	14.8	180.3	8.93	-0.612	77.9	70.1	0
2002-04-27 23:00	180.1	16.09	178.7	9.83	-0.716	76.9	73.7	0
2002-04-28 00:00	183	13.91	186.1	8.31	-0.665	75.8	78.1	0
2002-04-28 01:00	185	12.29	184.3	7.16	-0.745	75.3	80.9	0
2002-04-28 02:00	181.6	13.14	183.7	7.66	-0.756	74.7	84	0
2002-04-28 03:00	180.9	12.19	181.1	7.5	-0.677	74	86.5	0
2002-04-28 04:00	194.2	8.84	195.5	5.155	-0.686	73.7	88.1	0
2002-04-28 05:00	183	9.18	178.7	5.513	-0.703	73.6	88.8	0
2002-04-28 06:00	182.8	12.59	178.9	7.18	-0.599	73.2	90.3	0
2002-04-28 07:00	192.9	11.51	187.9	6.505	-0.744	73.6	90.2	0
2002-04-28 08:00	201.9	11.85	201.9	7.26	-0.992	75.5	85.2	0
2002-04-28 09:00	227.1	11.54	229.7	7.13	-1.19	77.6	79.7	0
2002-04-28 10:00	230.3	13.69	232.7	8.27	-1.395	79.2	75.1	0
2002-04-28 11:00	224.1	13.15	226.3	8.25	-1.481	81.5	70.2	0
2002-04-28 12:00	223.1	11.57	224	7.65	-1.564	83.4	67.78	0
2002-04-28 13:00	214.3	11.24	219.5	7.28	-1.527	85.3	64.26	0
2002-04-28 14:00	231.2	13.22	234.2	7.78	-1.53	86.6	59.15	0
2002-04-28 15:00	229.5	14.1	231.2	8.77	-1.325	87.8	55.17	0
2002-04-28 16:00	214.3	14.88	214.2	9.08	-1.118	88.2	54.57	0
2002-04-28 17:00	207.2	10.97	203.7	6.623	-0.673	87.1	57.16	0
2002-04-28 18:00	196.2	7.98	187.2	3.874	-0.427	85.4	62.22	0
2002-04-28 19:00	191.2	9.01	179.7	4.141	-0.114	83.2	66.6	0
2002-04-28 20:00	195.9	9.77	186	4.131	-0.036	81.4	69.4	0
2002-04-28 21:00	198.3	11.27	192.5	5.096	-0.088	80.2	70.8	0
2002-04-28 22:00	212.3	10.21	212.6	4.989	-0.061	79	72.5	0
2002-04-28 23:00	223.6	7.81	224.2	3.148	0.009	77.5	76	0
2002-04-29 00:00	213.2	10.33	211.4	5.079	-0.197	76.4	79.6	0
2002-04-29 01:00	217.6	9.25	223.1	4.97	-0.366	75.5	82.6	0
2002-04-29 02:00	229.1	6.949	230.9	3.366	-0.325	74.6	85.1	0
2002-04-29 03:00	224.3	7.52	220.1	3.59	-0.359	73.7	87.7	0
2002-04-29 04:00	220	7.13	215.3	3.052	-0.395	72.7	90.5	0
2002-04-29 05:00	216.9	7.66	212.1	3.548	-0.49	71.9	93.1	0
2002-04-29 06:00	273.9	4.583	302.2	1.959	-0.616	71.9	94.3	0
2002-04-29 07:00	244.5	5.67	239.3	2.748	-0.919	72.3	94.6	0
2002-04-29 08:00	220.3	7.12	222.6	4.837	-1.17	73.3	92.9	0
2002-04-29 09:00	233.4	7.36	236.9	4.969	-1.401	75	88.1	0
2002-04-29 10:00	260.1	6.68	256.7	3.921	-1.318	75.2	87.4	0
2002-04-29 11:00	236.9	6.764	238.9	4.225	-1.326	75.8	86.8	0
2002-04-29 12:00	233	5.39	227.5	3.826	-1.353	76.8	85	0
2002-04-29 13:00	253	3.395	248.9	2.745	-1.28	77.6	83.4	0
2002-04-29 14:00	218.3	3.486	212.8	3.134	-1.483	79.1	80.8	0
2002-04-29 15:00	216.6	5.376	212.7	4.257	-1.438	80.3	78.3	0
2002-04-29 16:00	209.7	5.471	216	4.317	-1.232	80.5	79	0
2002-04-29 17:00	211.3	3.647	218.9	2.642	-1.209	81.4	77.2	0
2002-04-29 18:00	123.7	3.306	115.1	2.212	-1.01	81.2	78.6	0
2002-04-29 19:00	88.9	6.065	63.18	1.876	-0.015	78.9	86	0
2002-04-29 20:00	109.7	3.206	193.6	1.121	0.197	76.4	92.3	0
2002-04-29 21:00	121.7	5.422	197.8	1.042	0.168	75.3	95.1	0
2002-04-29 22:00	130.2	6.994	166.2	2.093	0.462	74.8	96.7	0

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2002-04-29 23:00	151.1	11.04	128.3	4.367	0.913	75.5	93.5	0
2002-04-30 00:00	187.5	10.04	179.4	4.863	-0.22	76	86.1	0
2002-04-30 01:00	206.7	9.75	207.5	4.711	-0.352	75	88.1	0
2002-04-30 02:00	204.8	9.52	203.3	4.544	-0.405	74.1	91.1	0
2002-04-30 03:00	217.7	10.09	217.9	5.425	-0.542	73.9	92.8	0
2002-04-30 04:00	238.7	9.38	241.5	4.508	-0.602	74.2	91.3	0
2002-04-30 05:00	246.2	8.97	245.3	3.967	-0.66	74	90.3	0
2002-04-30 06:00	232.7	6.889	231.7	3.23	-0.526	73.7	91	0
2002-04-30 07:00	201.9	6.806	192.4	3.387	-0.671	74.2	89.3	0
2002-04-30 08:00	203.5	7.24	203.5	4.209	-0.867	74.7	88.1	0
2002-04-30 09:00	201	9.83	203	6.362	-1.116	76.1	83.8	0
2002-04-30 10:00	213.6	13.01	213.3	8.19	-1.378	78.6	76.8	0
2002-04-30 11:00	215.3	11.25	216.6	7.04	-1.636	81.4	71.2	0
2002-04-30 12:00	209.8	12.52	211.6	8.36	-1.532	82.8	67.47	0
2002-04-30 13:00	199.4	11.12	202.7	8.16	-1.487	84.6	63.52	0
2002-04-30 14:00	211.5	15.15	213.1	10.57	-1.441	86.1	56.34	0
2002-04-30 15:00	205.8	15.07	210	10.05	-1.366	87	54.5	0
2002-04-30 16:00	208.3	15.43	212.8	10.33	-1.154	87	55.25	0
2002-04-30 17:00	197.9	13.52	194.9	8.87	-0.885	86.4	57.05	0
2002-04-30 18:00	189.6	10.89	183.3	6.354	-0.583	84.8	61.38	0
2002-04-30 19:00	191.2	11.02	188.7	5.936	-0.265	82.1	64.22	0
2002-04-30 20:00	191.9	10.87	189	5.625	-0.309	80.2	66.27	0
2002-04-30 21:00	187.3	12.09	184	6.524	-0.285	77.9	69.55	0
2002-04-30 22:00	183.4	13.63	182.5	7.88	-0.517	76	73.4	0
2002-04-30 23:00	191	12.42	188.1	7.34	-0.583	74.7	76.5	0
2002-05-01 00:00	195.6	11.91	190.9	6.53	-0.579	73.3	79.6	0
2002-05-01 01:00	192.3	11.55	192.2	6.501	-0.556	72.1	83.5	0
2002-05-01 02:00	189.7	14.04	187.2	8.38	-0.717	71.7	86.6	0
2002-05-01 03:00	198.9	14.56	199.5	8.76	-0.752	72	86.1	0
2002-05-01 04:00	215.1	11.23	215.1	6.803	-0.722	72.7	84.4	0
2002-05-01 05:00	210.7	12.56	210.1	7.53	-0.689	72.9	84.5	0
2002-05-01 06:00	211.6	10.48	209.7	6.327	-0.717	73	85.2	0
2002-05-01 07:00	200.8	11.49	200.8	6.447	-0.781	73.6	85	0
2002-05-01 08:00	203.8	13.39	203.3	8.49	-0.952	75.2	81.6	0
2002-05-01 09:00	213.5	14.98	215.6	9.84	-1.166	77.2	76.9	0
2002-05-01 10:00	210.5	16.15	211.7	10.66	-1.25	79.3	71.9	0
2002-05-01 11:00	214.6	17.25	217.6	11.5	-1.535	81.4	67.42	0
2002-05-01 12:00	205.9	17.1	206.1	10.8	-1.235	82.3	65.84	0
2002-05-01 13:00	205.2	16.59	207.2	10.99	-1.422	85.1	60.01	0
2002-05-01 14:00	207	17.15	210.4	12.17	-1.397	86.5	56.05	0
2002-05-01 15:00	199.4	16.48	199.8	10.95	-1.255	87.5	54.85	0
2002-05-01 16:00	199.9	17.08	200.6	10.95	-1.043	87.3	54.14	0
2002-05-01 17:00	189.9	13.87	188.5	8.81	-0.893	86.4	57.73	0
2002-05-01 18:00	193.5	14.51	193.7	8.51	-0.529	84.7	58.74	0
2002-05-01 19:00	188.4	14.27	185.8	7.99	-0.26	82.1	61.02	0
2002-05-01 20:00	184.2	14.51	183.8	8.56	-0.36	80.2	65.29	0
2002-05-01 21:00	190.1	13.77	190	7.84	-0.385	78.8	70.4	0
2002-05-01 22:00	189.1	12.23	188	6.917	-0.432	77.3	74.6	0
2002-05-01 23:00	191.4	11.56	188.4	6.833	-0.589	75.4	83.2	0
2002-05-02 00:00	186.7	12.44	185.5	7.28	-0.567	74.6	86.3	0
2002-05-02 01:00	189.5	10.95	188.2	6.189	-0.543	74.2	87.4	0
2002-05-02 02:00	196.7	10.52	197.2	5.904	-0.53	74.4	87	0
2002-05-02 03:00	198.5	9.78	193.2	5.132	-0.505	74.4	86.4	0
2002-05-02 04:00	200.6	8.95	198.1	4.673	-0.542	74.3	87.2	0
2002-05-02 05:00	194.1	9.98	189.8	5.477	-0.615	75.2	84.7	0
2002-05-02 06:00	196.4	9.49	196.2	5.497	-0.656	75.9	82.4	0

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2002-05-02 07:00	202.6	10.52	202.7	6.27	-0.745	76.7	80.9	0
2002-05-02 08:00	214	10.79	216.1	6.916	-0.866	77.6	80.1	0
2002-05-02 09:00	237.2	8.84	238.2	5.035	-1.236	78.6	79.2	0
2002-05-02 10:00	230.7	10.92	235.5	6.861	-1.505	80.8	74	0
2002-05-02 11:00	202	15.17	205.3	10.3	-1.501	83.3	65.96	0
2002-05-02 12:00	201.6	15.54	206	10.72	-1.572	84.7	61.81	0
2002-05-02 13:00	194.1	14.86	195.4	9.8	-1.434	86.4	56.19	0
2002-05-02 14:00	199	14.15	200.7	9.75	-1.335	87.8	51.66	0
2002-05-02 15:00	198	12.89	197	8.22	-1.271	88.8	50.17	0
2002-05-02 16:00	204.2	10.94	207.1	7.47	-1.042	89	51.33	0
2002-05-02 17:00	194	9.92	191.2	6.351	-0.736	88.3	53.54	0
2002-05-02 18:00	192.3	9.92	192.5	5.365	-0.376	86.8	56.53	0
2002-05-02 19:00	190.4	9.21	182.3	4.195	-0.013	84.9	59.4	0
2002-05-02 20:00	188.4	9.87	178.2	4.345	0.108	83.5	63.32	0
2002-05-02 21:00	190	10.56	181.5	4.807	0.065	81.8	68.29	0
2002-05-02 22:00	182.6	12.97	180	6.726	-0.302	80.8	72.4	0
2002-05-02 23:00	181.6	14.09	183.4	7.31	-0.556	79.6	78.5	0
2002-05-03 00:00	214.2	8.11	217.4	5.02	-0.763	78.4	84.8	0
2002-05-03 01:00	237.3	6.744	245.4	4.051	-0.849	77.5	87.8	0
2002-05-03 02:00	222.6	7.38	219.8	4.216	-0.775	76.9	88.9	0
2002-05-03 03:00	340.4	7.04	347.4	4.393	-0.745	73.5	85	0
2002-05-03 04:00	46.78	3.822	15.84	2.234	-0.368	71.4	84.9	0
2002-05-03 05:00	33.12	2.974	343.8	1.964	-0.418	70.8	87.6	0
2002-05-03 06:00	132.8	5.776	141.6	2.527	1.479	70.9	89.6	0
2002-05-03 07:00	170.7	8.94	176.1	4.808	-0.684	75.5	85.8	0
2002-05-03 08:00	162	6.521	178.5	4.205	-1.095	76.3	83.3	0
2002-05-03 09:00	225.2	5.862	231.6	3.807	-1.169	77.1	81.4	0
2002-05-03 10:00	249.5	6.717	250.4	4.552	-1.629	79.7	75.3	0
2002-05-03 11:00	244.4	7.49	237.7	4.684	-1.537	81.1	70.5	0
2002-05-03 12:00	339.6	10.73	344.4	6.871	-1.182	75.6	77	0
2002-05-03 13:00	23.33	8.56	26.18	7.07	-1.457	72.4	78	0
2002-05-03 14:00	44.46	5.804	38.08	5.153	-1.405	76.2	76.1	0
2002-05-03 15:00	49.75	6.366	40.32	5.38	-1.338	78.1	75.1	0
2002-05-03 16:00	73.2	6.308	51.29	4.879	-1.278	80.6	73.3	0
2002-05-03 17:00	105.1	6.923	105.1	3.567	-1.233	82	73.6	0
2002-05-03 18:00	113.5	7.35	95	2.71	-0.803	81.5	75.3	0
2002-05-03 19:00	107.3	6.54	129.4	1.917	-0.123	79.4	81.5	0
2002-05-03 20:00	134.2	6.478	189	3.074	-0.215	78.4	84.7	0
2002-05-03 21:00	169.7	11.73	159.1	5.22	0.24	79.4	82.5	0
2002-05-03 22:00	189	12.06	187	6.443	-0.479	79.9	79.8	0
2002-05-03 23:00	206.1	11.22	205.7	6.462	-0.517	78.7	82.7	0
2002-05-04 00:00	231.3	9.57	230.4	5.116	-0.589	78	84.9	0
2002-05-04 01:00	301.7	12.01	312.8	7.38	-0.923	72.7	87.4	0
2002-05-04 02:00	340.3	5.676	342.9	2.901	-0.912	67.33	94	0.02
2002-05-04 03:00	329.4	3.635	334.3	1.923	-0.976	66.71	96.2	0
2002-05-04 04:00	337.7	4.053	355.1	2.403	-0.918	66.35	97	0.03
2002-05-04 05:00	348.8	6.232	357.8	3.599	-0.938	66.06	97.3	0
2002-05-04 06:00	349.2	5.568	353.1	3.194	-0.94	65.93	97.3	0
2002-05-04 07:00	353.5	4.309	342.9	2.591	-1.029	65.89	97.5	0
2002-05-04 08:00	352.7	4.701	355.8	3.08	-1.092	65.95	97.2	0
2002-05-04 09:00	351.7	3.657	345	2.779	-1.149	66.56	96.6	0
2002-05-04 10:00	351.5	4.612	345.1	3.725	-1.167	66.31	96	0
2002-05-04 11:00	345.8	6.439	349.4	4.152	-1.229	65.8	96.3	0
2002-05-04 12:00	359.1	6.907	352.5	4.092	-1.036	65.69	96.3	0
2002-05-04 13:00	1.032	7.48	2.425	4.872	-1.026	66	97.2	0.11
2002-05-04 14:00	2.004	6.948	1.304	4.946	-1.176	66.5	96.5	0

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2002-05-04 15:00	7.31	7.06	12.19	5.381	-1.229	67.74	92.9	0
2002-05-04 16:00	21.19	7.84	16.41	5.597	-1.163	68.41	90	0
2002-05-04 17:00	18.74	7.53	19.66	5.39	-1.13	68.16	89.7	0
2002-05-04 18:00	17.72	7.54	17.06	5.163	-1.036	67.74	89.3	0
2002-05-04 19:00	35.01	6.101	31.66	3.89	-0.925	67.26	90.5	0
2002-05-04 20:00	38.59	6.923	33.29	4.3	-0.846	66.71	91.1	0
2002-05-04 21:00	44.77	6.82	38.95	4.523	-0.87	66.29	90.7	0
2002-05-04 22:00	54.13	5.629	41.92	2.868	-0.645	65.15	91.8	0
2002-05-04 23:00	51.6	5.169	34.03	2.357	-0.613	63.99	94.9	0
2002-05-05 00:00	64.72	5.917	42.79	3.219	-0.704	63.88	93.5	0
2002-05-05 01:00	70.3	5.398	42.78	2.466	-0.675	63.92	92.7	0
2002-05-05 02:00	68.42	5.593	32.1	2.97	-0.69	63.96	92.5	0
2002-05-05 03:00	48.87	5.592	35.44	3.133	-0.852	63.55	93.6	0
2002-05-05 04:00	61.91	6.39	39.99	3.458	-0.732	63.55	92.4	0
2002-05-05 05:00	63.1	6.015	42.39	3.387	-0.801	63.65	91.5	0
2002-05-05 06:00	80.2	5.921	63.76	2.858	-0.87	64.23	90.3	0
2002-05-05 07:00	99.1	4.945	86.2	2.197	-0.979	64.87	90.2	0
2002-05-05 08:00	93.4	3.802	61.37	2.272	-1.086	65.86	90.4	0
2002-05-05 09:00	112.8	5.519	109.2	2.96	-1.324	67.95	88.7	0
2002-05-05 10:00	117.2	4.874	142	3.644	-1.337	71.7	84.1	0
2002-05-05 11:00	285.8	2.086	274.6	2.01	-1.153	74.3	82.3	0
2002-05-05 12:00	258.4	3.807	269.2	2.817	-1.164	77.7	79.2	0
2002-05-05 13:00	312.8	2.643	320.7	2.09	-1.274	79.5	77.6	0
2002-05-05 14:00	255.2	3.829	268.9	2.861	-1.213	81.8	74.8	0
2002-05-05 15:00	234.7	4.48	255.9	3.403	-1.326	84.4	68.91	0
2002-05-05 16:00	211.8	5.483	207.5	3.768	-1.305	85.8	62.21	0
2002-05-05 17:00	276.3	3.635	289.3	2.553	-1.056	84.8	65.02	0
2002-05-05 18:00	336.5	2.383	352.6	1.768	-0.204	83.5	71.4	0
2002-05-05 19:00	36.82	4.921	39.06	2.018	1.537	80.5	84	0
2002-05-05 20:00	63.81	8.55	63.21	2.756	2.282	79.2	83.2	0
2002-05-05 21:00	85	8.41	80.4	1.736	1.034	77.9	85.8	0
2002-05-05 22:00	106	6.905	41.85	1.954	1.515	76	91.2	0
2002-05-05 23:00	127.9	8.56	154.9	2.326	0.671	75.4	91	0
2002-05-06 00:00	156.1	11.09	141.8	4.818	0.382	75.9	87.1	0
2002-05-06 01:00	173.2	9.83	172.1	4.773	-0.189	76.3	84.7	0
2002-05-06 02:00	189	9.01	182	4.078	-0.367	75.4	86.9	0
2002-05-06 03:00	196.7	7.9	187.6	3.215	-0.287	74.7	88.5	0
2002-05-06 04:00	186	9.01	172.4	4.192	-0.363	73.7	91.1	0
2002-05-06 05:00	176.1	9.46	171.6	4.569	-0.522	73.2	92.7	0
2002-05-06 06:00	166.7	8.81	155.1	4.475	-0.476	72.5	94.2	0
2002-05-06 07:00	159.3	7.12	151.7	3.797	-0.777	73	94.6	0
2002-05-06 08:00	173.8	8.94	171.6	5.267	-1.038	74.7	90.5	0
2002-05-06 09:00	172.7	6.834	188.6	4.43	-1.396	77.8	81.7	0
2002-05-06 10:00	204.6	7.52	216.3	5.257	-1.226	78.8	77	0
2002-05-06 11:00	186.1	9.58	199.5	6.764	-1.464	81.5	66.38	0
2002-05-06 12:00	191.3	9.75	192.5	6.633	-1.548	83.6	63.06	0
2002-05-06 13:00	178.3	12.1	182.9	7.83	-1.517	85.9	55.48	0
2002-05-06 14:00	184.1	10.82	188.3	7.15	-1.526	87.2	51.75	0
2002-05-06 15:00	196.4	10.74	202.5	7.15	-1.186	87.3	51.3	0
2002-05-06 16:00	198.6	9.2	204.5	6.153	-1.15	87.3	53.78	0
2002-05-06 17:00	188.9	10.23	184.4	5.98	-0.911	86.5	55.78	0
2002-05-06 18:00	193.3	8.39	193.9	4.29	-0.528	85.3	56.8	0
2002-05-06 19:00	195.1	8.42	188.8	2.805	0.244	83.3	60.11	0
2002-05-06 20:00	183.4	10.89	170.7	4.562	0.475	81.7	62.87	0
2002-05-06 21:00	167.2	10.35	150.7	4.474	0.38	79.5	67.98	0
2002-05-06 22:00	162.3	9.84	156	4.185	0.008	78.1	72.8	0

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2002-05-06 23:00	165.9	10.72	164.5	5.22	-0.334	77.2	78.4	0
2002-05-07 00:00	167.4	9.94	161.2	4.983	-0.427	76.2	82.2	0
2002-05-07 01:00	169.1	11.3	158.6	5.43	-0.255	74.9	85.7	0
2002-05-07 02:00	172.8	13.56	168.2	6.803	-0.449	74.4	86.6	0
2002-05-07 03:00	176.3	10.32	177.2	5.554	-0.545	73.8	88.2	0.01
2002-05-07 04:00	176.7	9.31	179.4	4.635	-0.534	73	90.5	0
2002-05-07 05:00	169.6	12.55	162.7	6.106	-0.476	72.7	91.8	0
2002-05-07 06:00	176.5	12.41	175.4	6.773	-0.657	72.8	92.5	0
2002-05-07 07:00	188.9	9.02	199.6	5.189	-0.811	73.7	90.5	0
2002-05-07 08:00	192	10.14	198.7	5.963	-0.923	75.1	86.8	0
2002-05-07 09:00	190.3	9.04	199.7	6.322	-1.238	78.2	77.6	0
2002-05-07 10:00	197.2	11.1	201.6	7.55	-1.276	80.7	67.57	0
2002-05-07 11:00	199.1	10.59	205.1	7.36	-1.605	83.2	63.31	0
2002-05-07 12:00	200.6	8.54	201.7	6.016	-1.552	84.9	59.93	0
2002-05-07 13:00	190.3	9.79	196.5	6.655	-1.411	86.5	53.83	0
2002-05-07 14:00	204.4	8.94	207.5	6.293	-1.369	87.5	49.62	0
2002-05-07 15:00	199	7.98	203.3	5.541	-1.357	88.8	47.51	0
2002-05-07 16:00	205.9	8.77	211.7	5.37	-1.154	89.3	44.95	0
2002-05-07 17:00	215	6.201	219.6	3.474	-0.645	88.1	48.88	0
2002-05-07 18:00	210.2	4.124	333.7	1.705	1.559	84.3	63.06	0
2002-05-07 19:00	173.8	4.475	57.84	1.19	4.292	79.9	71.7	0
2002-05-07 20:00	168.2	6.988	103.2	1.728	2.75	80.3	66.38	0
2002-05-07 21:00	165.3	10.2	153.8	4.054	0.805	79.9	66.37	0
2002-05-07 22:00	173.7	12.16	172.9	6.502	-0.367	79.8	66.95	0
2002-05-07 23:00	177.8	12.07	176	6.004	-0.372	78.3	71.1	0
2002-05-08 00:00	185	10.9	186.1	5.42	-0.393	76.6	73.3	0
2002-05-08 01:00	186.8	11.24	194	5.399	-0.391	75	76.8	0
2002-05-08 02:00	182.3	11.01	185.6	5.836	-0.538	74.1	80.8	0
2002-05-08 03:00	179.4	12.4	183.3	6.699	-0.56	73.4	85.7	0
2002-05-08 04:00	182.5	10.01	191.2	4.806	-0.464	72.8	87.3	0
2002-05-08 05:00	190	8.6	199.3	3.755	-0.369	72.1	88.9	0
2002-05-08 06:00	178.3	10.59	175.1	4.997	-0.361	71.8	91.1	0
2002-05-08 07:00	165.2	10.1	163	5.259	-0.822	72.8	89.7	0
2002-05-08 08:00	183.8	8.86	193.8	5.667	-1.07	75.7	82.6	0
2002-05-08 09:00	185.8	10.74	191.7	6.706	-1.361	79	74.2	0
2002-05-08 10:00	187.5	12.8	184.2	8.25	-1.552	81.8	65.98	0
2002-05-08 11:00	198	12.79	205.8	8.73	-1.482	83.2	59.74	0
2002-05-08 12:00	203.1	12.09	207.9	8.17	-1.506	85.1	53.9	0
2002-05-08 13:00	193.6	11.96	195.7	7.71	-1.568	87	49.06	0
2002-05-08 14:00	193.5	11.28	197	7.29	-1.45	87.9	44.71	0
2002-05-08 15:00	194.3	10.46	196	7.01	-1.314	88.5	43.29	0
2002-05-08 16:00	200.8	10.35	205.6	6.972	-1.221	88.8	43.35	0
2002-05-08 17:00	187.6	10.42	188.5	6.362	-0.882	88.4	42.92	0
2002-05-08 18:00	186.4	10.31	186	5.594	-0.497	86.6	46.38	0
2002-05-08 19:00	185.9	9.81	182.8	4.058	0.007	83.9	50.9	0
2002-05-08 20:00	187.3	10.69	181.1	4.349	0.157	81.7	55.2	0
2002-05-08 21:00	184.1	11.21	180.1	4.871	0.033	79.8	60.08	0
2002-05-08 22:00	181.4	11.78	181.5	5.719	-0.175	78.3	64	0
2002-05-08 23:00	177.5	10.93	181.1	4.927	-0.162	76.6	68.34	0
2002-05-09 00:00	172.1	11.07	173.2	5.367	-0.182	75.7	72.1	0
2002-05-09 01:00	194	7.96	209.8	3.39	-0.15	73.8	78.6	0
2002-05-09 02:00	187.8	9.76	181.9	4.147	-0.315	72.7	83.6	0
2002-05-09 03:00	171.9	13.42	175.7	7.12	-0.552	72.6	86.6	0
2002-05-09 04:00	176.5	14.74	183.1	7.81	-0.594	72.8	89	0
2002-05-09 05:00	189.8	9.73	195.3	4.632	-0.588	72.5	90.7	0
2002-05-09 06:00	175.4	11.54	182.8	5.908	-0.675	72.8	91.5	0

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2002-05-09 07:00	176.2	13.57	177	7.79	-0.919	74.4	89.3	0
2002-05-09 08:00	187.1	10.51	184.4	6.023	-1.055	76	86.1	0
2002-05-09 09:00	194	10.73	194.1	6.825	-1.211	78.4	79.6	0
2002-05-09 10:00	197.7	11.33	199.3	7.3	-1.428	80.7	73.8	0
2002-05-09 11:00	212.9	9.75	214.3	5.978	-1.626	82.4	68.5	0
2002-05-09 12:00	218.2	8.08	221.9	5.164	-1.501	82.8	68.47	0
2002-05-09 13:00	214.4	8.54	220.1	5.382	-1.57	84.7	63	0
2002-05-09 14:00	199.5	8.18	206	5.672	-1.668	86.1	59.65	0
2002-05-09 15:00	200.4	8.85	203.4	5.863	-1.543	86.7	57.88	0
2002-05-09 16:00	198.2	7.95	202.2	5.404	-1.278	86.9	57.52	0
2002-05-09 17:00	189	7.3	188.6	4.27	-1.083	86.7	59.09	0
2002-05-09 18:00	183.4	6.44	187.8	3.627	-0.662	85	62.61	0
2002-05-09 19:00	35.73	11.43	36	6.726	-0.454	77.7	76.3	0
2002-05-09 20:00	62.13	8.29	52.92	3.824	-0.29	76.5	77.3	0
2002-05-09 21:00	103.4	6.186	160.5	1.677	0.019	75.2	77.9	0
2002-05-09 22:00	111.4	5.998	182	1.694	0.263	74.3	80.2	0
2002-05-09 23:00	108.6	6.841	145.3	1.804	0.348	73.5	82.5	0
2002-05-10 00:00	124	8.06	126.8	2.425	0.524	73.2	84.5	0
2002-05-10 01:00	157.6	6.651	115.8	2.248	1.518	72.9	87.2	0
2002-05-10 02:00	196.6	7.98	180.1	2.804	0.134	74	83.8	0
2002-05-10 03:00	211.5	5.246	95.6	1.225	0.689	72.5	88.7	0
2002-05-10 04:00	213.6	6.85	212.1	1.707	0.339	72.5	89.1	0
2002-05-10 05:00	223.4	3.894	12.96	1.398	0.265	72.3	89.9	0
2002-05-10 06:00	330.5	2.22	50.65	1.39	1.138	71.5	93.2	0
2002-05-10 07:00	262.4	2.33	138.9	1.009	0.063	72.8	92.4	0
2002-05-10 08:00	292.3	2.281	264.6	1.724	-1.025	74.5	89	0
2002-05-10 09:00	325.6	4.165	330.3	3.164	-1.44	76.6	85.3	0
2002-05-10 10:00	348.4	5.815	351.3	4.662	-1.414	78.3	79.8	0
2002-05-10 11:00	9.71	9.57	8.06	6.942	-1.355	77.2	75.8	0
2002-05-10 12:00	52.78	11.65	43.38	8.85	-1.509	77.6	69.66	0
2002-05-10 13:00	62.61	8.66	49.41	6.855	-1.456	80.7	68.89	0
2002-05-10 14:00	52.08	6.199	39.25	4.564	-1.259	81.7	66.68	0
2002-05-10 15:00	46.05	5.963	38.07	4.408	-1.317	82.9	63.97	0
2002-05-10 16:00	91.2	5.754	76.7	3.301	-1.306	84.2	62.82	0
2002-05-10 17:00	78.5	6.492	55.44	3.824	-1.078	83.9	63.67	0
2002-05-10 18:00	60.76	5.695	46.08	3.277	-0.698	82.6	68.34	0
2002-05-10 19:00	51.81	7.11	39.81	2.566	0.699	79.8	76.3	0
2002-05-10 20:00	61.44	8.74	47.87	3.595	0.401	78.7	76.8	0
2002-05-10 21:00	78	8.66	51.1	3.133	-0.055	77.7	78.7	0
2002-05-10 22:00	91.2	9.08	66.59	2.733	-0.207	76.7	80.1	0
2002-05-10 23:00	106.4	8.07	81.4	2.326	-0.39	75.2	84.7	0
2002-05-11 00:00	110.8	5.504	197.6	1.584	-0.032	74	87.8	0
2002-05-11 01:00	124.2	5.009	181	1.967	0.093	73.3	89.3	0
2002-05-11 02:00	135.3	5.419	153.5	2.205	-0.41	72.6	90.6	0
2002-05-11 03:00	138.7	5.302	170.6	1.927	-0.423	71.4	93.3	0
2002-05-11 04:00	136.9	5.245	158.7	2.099	-0.465	70.9	93.1	0
2002-05-11 05:00	120.1	7.53	112.2	2.77	-0.068	70.3	94.2	0
2002-05-11 06:00	114.2	6.047	126.3	2.418	-0.458	69.68	95	0
2002-05-11 07:00	123.3	5.627	162	2.83	-1.13	71.2	92.3	0
2002-05-11 08:00	137	7.73	156.2	4.72	-1.572	75	86.1	0
2002-05-11 09:00	156.4	11.04	162.7	6.991	-1.566	78.9	78.2	0
2002-05-11 10:00	173.3	11.65	178.4	7.05	-1.534	81.9	67.84	0
2002-05-11 11:00	183.3	11.29	194.4	7.21	-1.625	84.4	59.82	0
2002-05-11 12:00	185	12.41	195.5	7.8	-1.526	86.6	51.43	0
2002-05-11 13:00	188.7	11.01	197.1	7.12	-1.392	87.4	50.01	0
2002-05-11 14:00	191.1	11.99	205.7	8.02	-1.434	88.5	47.93	0

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2002-05-11 15:00	185.2	11.45	196.9	7.82	-1.365	89.3	47.35	0
2002-05-11 16:00	155.2	11.93	163	6.952	-1.397	89.5	47.07	0
2002-05-11 17:00	162.3	10.99	169.8	6.357	-1.116	89.5	46.12	0
2002-05-11 18:00	140.6	9.93	143.6	4.695	-0.652	87.2	51.45	0
2002-05-11 19:00	146.4	11.76	139.4	4.442	0.152	84.6	52.37	0
2002-05-11 20:00	141.4	11.32	128.5	3.125	0.815	81.1	57.28	0
2002-05-11 21:00	149.7	13.93	146.2	5.665	0.208	80.2	60.74	0
2002-05-11 22:00	153.5	13.36	154.8	6.272	-0.292	79.3	64.48	0
2002-05-11 23:00	150.9	11.99	156.5	5.226	-0.248	77.3	70.3	0
2002-05-12 00:00	149.2	12	153.5	5.495	-0.43	75.9	77	0
2002-05-12 01:00	161.5	8.19	170.6	3.318	-0.437	74.5	82.9	0
2002-05-12 02:00	176.1	10.09	177.9	5.249	-0.588	74.2	83.9	0
2002-05-12 03:00	157	9.09	164.5	4.23	-0.629	73.3	87	0
2002-05-12 04:00	154.4	9.85	156.6	4.658	-0.63	72.5	90.5	0
2002-05-12 05:00	160.8	11.39	153.1	5.604	-0.506	72.6	91.6	0
2002-05-12 06:00	155.5	10.58	148	4.948	-0.527	72.5	92.5	0
2002-05-12 07:00	141.3	9.39	153.6	5.227	-1.232	73.5	90.6	0
2002-05-12 08:00	170.7	9.28	177.9	5.576	-1.517	77	82.4	0
2002-05-12 09:00	172.6	10.17	179.9	6.602	-1.625	80.1	73.9	0
2002-05-12 10:00	184.4	9.32	198.3	6.195	-1.334	81.6	68.67	0
2002-05-12 11:00	180	9.77	189.1	6.547	-1.633	83.7	63.3	0
2002-05-12 12:00	184.4	8.27	188.5	5.642	-1.333	84.1	63.64	0
2002-05-12 13:00	166.6	8.34	175.3	5.429	-1.51	85.2	62.16	0
2002-05-12 14:00	179	9.68	187.1	6.341	-1.499	86.3	59.82	0
2002-05-12 15:00	193.5	10.23	197.9	6.693	-1.394	87.8	56.25	0
2002-05-12 16:00	192	8.92	199.2	6.223	-1.233	88.5	54.02	0
2002-05-12 17:00	189.3	10.62	192.9	6.273	-1.048	88.2	52.13	0
2002-05-12 18:00	191.2	7.85	193.8	3.571	-0.437	86.5	55.21	0
2002-05-12 19:00	183.3	8.41	179.7	3.712	-0.152	84.6	59.88	0
2002-05-12 20:00	183.8	9.84	182.1	4.351	-0.112	82.6	64.05	0
2002-05-12 21:00	180	13.43	178.2	7.01	-0.337	81.4	67.43	0
2002-05-12 22:00	184.4	12.69	187.9	6.375	-0.467	80.1	71.7	0
2002-05-12 23:00	191.5	12.18	192.9	6.564	-0.535	78.7	76.3	0
2002-05-13 00:00	199.7	12.24	199.5	6.745	-0.565	77.3	79.6	0
2002-05-13 01:00	206.9	9.66	208.9	5.649	-0.575	76	83.2	0
2002-05-13 02:00	211.2	10.28	209.3	6.107	-0.656	76	83.7	0
2002-05-13 03:00	215.7	10.84	216.8	6.54	-0.607	76.1	84.1	0
2002-05-13 04:00	202.3	9.47	196.4	4.643	-0.557	75.8	85.7	0
2002-05-13 05:00	200.6	8.53	198.1	4.505	-0.66	75.5	86.9	0
2002-05-13 06:00	207.4	9.87	204.8	5.738	-0.714	75.4	88.1	0
2002-05-13 07:00	243.1	14.03	238.7	6.762	-0.659	72	91.5	0.06
2002-05-13 08:00	269.2	15.4	260.3	7.02	-0.688	69.07	92.8	0.01
2002-05-13 09:00	300	13.41	293	5.805	-0.902	65.82	90.6	0
2002-05-13 10:00	321	13.23	334.4	6.848	-1.1	63.22	87.5	0
2002-05-13 11:00	329.6	11.77	345.9	7.31	-1.32	62.81	81.5	0
2002-05-13 12:00	333	12.3	344.3	7.25	-1.337	62.76	77.3	0
2002-05-13 13:00	334.4	11.93	345.9	7.19	-1.331	62.92	75.9	0
2002-05-13 14:00	342.2	10.68	347.7	6.7	-1.293	64.13	72	0
2002-05-13 15:00	347.4	13.87	354.5	8.61	-1.197	64.74	67.29	0
2002-05-13 16:00	351.9	13.81	359.1	9.03	-1.34	65.19	64.05	0
2002-05-13 17:00	0.91	12.84	5.814	8.97	-1.377	65.91	61.24	0
2002-05-13 18:00	357.2	12.1	5.344	7.84	-0.998	65.96	59.01	0
2002-05-13 19:00	2.839	11.03	11	7.02	-0.65	64.44	61.63	0
2002-05-13 20:00	3.152	10.25	13.52	5.347	-0.245	62.78	66.34	0
2002-05-13 21:00	15.1	9.88	24.33	5.534	-0.34	61.81	68.36	0
2002-05-13 22:00	34.55	9.01	36.74	4.374	-0.107	59.4	74.8	0

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2002-05-13 23:00	46.37	8.01	60.7	2.917	0.327	57.49	78.2	0
2002-05-14 00:00	45.25	6.418	62.89	1.402	2.187	54.22	88.8	0
2002-05-14 01:00	45.12	5.5	69	1.229	2.915	52.74	92.7	0
2002-05-14 02:00	48.46	6.034	52.66	1.493	3.235	51.89	94.1	0
2002-05-14 03:00	39.75	4.837	59.69	1.675	2.998	51.36	95.1	0
2002-05-14 04:00	34.29	6.687	49.13	2.074	2.455	51.06	95.3	0
2002-05-14 05:00	23.26	6.703	60.86	1.865	1.997	50.84	95.4	0
2002-05-14 06:00	53.8	5.553	71.6	1.082	2.888	49.84	96	0
2002-05-14 07:00	56.7	3.494	58.75	1.661	0.422	52.36	93.7	0
2002-05-14 08:00	53.61	4.688	38.28	3.354	-1.26	57.04	77.4	0
2002-05-14 09:00	59.19	6.28	48.35	5.009	-1.489	61.06	62.74	0
2002-05-14 10:00	34.98	7.49	29.56	6.296	-1.628	64.48	55.24	0
2002-05-14 11:00	45.16	7.55	38.25	6.161	-1.513	67.47	49.44	0
2002-05-14 12:00	75.3	9.98	59.99	6.804	-1.627	69.89	41.85	0
2002-05-14 13:00	55.09	8.97	43.85	7.21	-1.502	70.8	41.35	0
2002-05-14 14:00	49.59	7.37	45.25	6.511	-1.711	72.5	40.19	0
2002-05-14 15:00	34.85	4.164	55.29	3.766	-1.632	73.7	39.87	0
2002-05-14 16:00	332.9	6.8	336.2	4.64	-1.622	73.8	41.9	0
2002-05-14 17:00	337.1	6.039	345.5	4.305	-1.27	73.6	43.3	0
2002-05-14 18:00	10.88	5.054	9.22	3.019	-0.739	73	45.38	0
2002-05-14 19:00	28.4	5.386	56.2	1.658	3.549	67.92	60.84	0
2002-05-14 20:00	40.21	5.895	47.15	2.329	5.922	65.26	62.09	0
2002-05-14 21:00	50.96	6.967	47.6	2.064	6.979	63.75	64	0
2002-05-14 22:00	54.98	5.764	72.8	0.924	9.7	59.87	77	0
2002-05-14 23:00	66.1	7.69	56.85	1.413	11.23	58.21	81.9	0
2002-05-15 00:00	76.5	7.69	101.3	1.264	10.85	56.28	85.8	0
2002-05-15 01:00	69.57	9.15	91.5	1.197	11.09	55.66	88.3	0
2002-05-15 02:00	74.5	9.36	111.2	1.598	9.11	55.49	87.2	0
2002-05-15 03:00	86.6	9.61	129.8	2.547	8.26	55.09	87.2	0
2002-05-15 04:00	100.3	8.47	87	1.921	4.644	54.59	88.9	0
2002-05-15 05:00	98.5	8.87	92.2	1.432	4.746	53.93	90.3	0
2002-05-15 06:00	103.2	8.72	62.16	2.095	3.044	54.54	85.9	0
2002-05-15 07:00	103	7.83	53.35	2.649	0.562	57.51	79.2	0
2002-05-15 08:00	111.4	7.11	101.2	2.607	-0.899	63.25	67.48	0
2002-05-15 09:00	117.3	7.39	127.9	4.293	-1.465	69.18	56.78	0
2002-05-15 10:00	126.6	9.44	136.9	5.797	-1.567	73.2	44.97	0
2002-05-15 11:00	132.8	10.39	138.8	6.562	-1.833	75.6	38.93	0
2002-05-15 12:00	141.1	9.5	148.4	6.177	-1.839	77.4	36.02	0
2002-05-15 13:00	144	9.44	151.8	6.377	-1.836	79	33.51	0
2002-05-15 14:00	134.4	7.16	135.5	4.72	-1.75	80.4	31.28	0
2002-05-15 15:00	136.5	6.951	138	4.755	-1.651	81.8	29.87	0
2002-05-15 16:00	138.6	6.889	148.3	4.235	-1.572	82.5	28.85	0
2002-05-15 17:00	146.5	7.56	161.2	5.129	-1.261	82.7	28.87	0
2002-05-15 18:00	143.6	6.786	134	3.104	-0.474	81.4	31.57	0
2002-05-15 19:00	130.8	6.677	56.79	1.807	3.649	75.3	48.25	0
2002-05-15 20:00	143.6	7.56	135.9	1.8	3.782	72.4	49.5	0
2002-05-15 21:00	168.8	10.7	140.8	3.843	1.957	72.1	50.72	0
2002-05-15 22:00	169.8	10.55	175.2	5.523	-0.195	71.7	57.6	0
2002-05-15 23:00	167	10.91	170	5.904	-0.404	70.3	62.32	0
2002-05-16 00:00	146.7	10.25	131.1	3.379	0.168	67.01	69.73	0
2002-05-16 01:00	131.8	8.58	90	1.843	0.737	64.49	75.6	0
2002-05-16 02:00	130.3	9.15	65.76	1.751	1.694	62.5	81.3	0
2002-05-16 03:00	119.9	6.766	119.1	1.078	1.399	61.49	83.9	0
2002-05-16 04:00	120.6	8.85	171.8	1.911	2.432	59.67	88	0
2002-05-16 05:00	118.3	9.55	173.3	2.497	1.379	59.96	87.5	0
2002-05-16 06:00	114.7	9.86	149.7	1.951	0.177	60.06	87.6	0

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2002-05-16 07:00	117.3	11.24	127	2.761	-0.533	61.77	85.6	0
2002-05-16 08:00	128.5	10.68	143.9	5.179	-1.295	66.87	76.2	0
2002-05-16 09:00	139.8	11.79	148.4	7.37	-1.635	72.9	68.19	0
2002-05-16 10:00	161.9	10.92	169.1	7.22	-1.772	77.5	63.47	0
2002-05-16 11:00	183.1	9.67	187.1	6.714	-1.61	79.4	61.99	0
2002-05-16 12:00	205.7	7.98	205.2	5.585	-1.637	81	60.13	0
2002-05-16 13:00	202.4	7.37	201.2	5.13	-1.637	82.4	58.22	0
2002-05-16 14:00	193.3	8.77	200.2	6.633	-1.725	84.4	53.61	0
2002-05-16 15:00	212.8	8.78	217	6.116	-1.541	85	52.66	0
2002-05-16 16:00	202.8	7.78	206.7	5.287	-1.281	85.2	52.89	0
2002-05-16 17:00	186.2	6.474	192.9	3.974	-1.083	85.4	52.75	0
2002-05-16 18:00	142.4	4.042	57.94	1.868	0.238	83.1	63.41	0
2002-05-16 19:00	152.9	3.562	21.82	1.306	1.658	80.1	72.1	0
2002-05-16 20:00	152.7	7.99	153.2	3.313	1.364	79.2	71.4	0
2002-05-16 21:00	165.7	9.13	171.8	4.426	-0.361	79.3	70.4	0
2002-05-16 22:00	159.5	11.39	167.5	5.654	-0.415	77.6	75	0
2002-05-16 23:00	169	10.44	169.6	5.587	-0.548	76.4	78.6	0
2002-05-17 00:00	166.2	10.48	162.8	5.461	-0.556	75.2	82.4	0
2002-05-17 01:00	173.5	11.05	174.3	5.685	-0.517	74.4	85.3	0
2002-05-17 02:00	171.5	7.8	178.8	4.146	-0.551	73.5	87.5	0
2002-05-17 03:00	167.2	7.36	158.1	3.721	-0.393	72.3	90.8	0
2002-05-17 04:00	171.2	12.55	172.5	6.781	-0.59	72.1	92	0
2002-05-17 05:00	172	16.1	170.1	9.31	-0.717	72.5	92.5	0
2002-05-17 06:00	187.3	10.7	188.8	5.791	-0.792	72.8	92.3	0
2002-05-17 07:00	192.8	9.15	192.6	5.637	-0.945	74.3	88.5	0
2002-05-17 08:00	195.1	9.38	197.4	5.868	-1.063	75.7	85.1	0
2002-05-17 09:00	201.1	11.01	204.6	7.31	-1.359	78.2	78.7	0
2002-05-17 10:00	201.3	11	201.7	7.43	-1.478	80.6	70.8	0
2002-05-17 11:00	198.9	10.79	200.8	7.15	-1.727	83.1	63.86	0
2002-05-17 12:00	202.3	11.49	209.2	7.35	-1.634	84.3	59.85	0
2002-05-17 13:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-05-17 14:00	192	10.02	195.7	6.238	-1.345	83.5	63.58	0
2002-05-17 15:00	213.2	11.22	218	6.065	-0.795	81.3	71.8	0
2002-05-17 16:00	280.2	18.16	267.2	9.35	-0.825	67.93	92.6	0
2002-05-17 17:00	315.5	11.65	324.6	5.482	-0.918	65.72	96.2	0
2002-05-17 18:00	63.49	5.107	72.5	3.131	-1.071	66.5	94.6	0
2002-05-17 19:00	279.9	8.23	268.5	3.738	-0.962	67.07	94.7	0
2002-05-17 20:00	294.3	6.55	278.4	2.297	-0.521	66.73	93.6	0
2002-05-17 21:00	280.1	5.551	264	1.431	-0.198	66.17	95.1	0
2002-05-17 22:00	275.3	6.187	245.3	1.62	0.221	65.68	96.5	0
2002-05-17 23:00	283	7.23	262.4	2.436	-0.202	66.34	97	0
2002-05-18 00:00	315.5	6.713	328	2.631	-0.671	66.87	93.6	0
2002-05-18 01:00	347.9	8.62	357.5	4.82	-0.765	66.77	94	0
2002-05-18 02:00	350.2	5.968	355.5	2.869	-0.665	66.9	92.3	0
2002-05-18 03:00	350.3	16.05	359.3	9.86	-0.938	63.64	91.9	0
2002-05-18 04:00	2.219	16.05	8.44	10.57	-0.971	60.11	91.5	0
2002-05-18 05:00	7.58	17.5	11.1	11.94	-0.873	58.18	84	0
2002-05-18 06:00	9.34	16.89	14.82	12.01	-0.902	57.72	80.6	0
2002-05-18 07:00	9.3	15.95	12.1	10.96	-0.971	56.72	79.8	0
2002-05-18 08:00	9.63	13.99	11.34	9.63	-1.001	55.99	79.1	0
2002-05-18 09:00	2.577	14.87	8.24	10	-1.071	55.23	78.8	0
2002-05-18 10:00	8.78	14.57	11.72	10.15	-1.134	54.88	75.7	0
2002-05-18 11:00	4.36	14.22	8.14	9.74	-1.228	55	74	0
2002-05-18 12:00	3.212	15.19	7.84	10.67	-1.414	55.79	71.7	0
2002-05-18 13:00	0.687	14.31	3.142	10.12	-1.606	59	63.44	0
2002-05-18 14:00	354.4	15.14	1.99	10.83	-1.656	61.08	55.74	0

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2002-05-18 15:00	4.728	13.38	8.9	9.98	-1.653	61.95	52.85	0
2002-05-18 16:00	2.93	13	7.98	9.43	-1.594	62.49	50.47	0
2002-05-18 17:00	1.364	14.02	2.655	10.05	-1.383	62.17	48.03	0
2002-05-18 18:00	5.145	13.06	9.67	8.74	-1.307	61.85	50.49	0
2002-05-18 19:00	19.78	11.87	20.93	8.34	-0.967	61.09	52.18	0
2002-05-18 20:00	18.49	6.809	40.5	3.006	0.295	58.99	60.85	0
2002-05-18 21:00	7.19	8.29	30.62	3.581	0.88	58.13	66.18	0
2002-05-18 22:00	7.55	11.86	14.61	7.13	-0.496	58.81	61.44	0
2002-05-18 23:00	17.33	10.74	18.67	7.11	-0.622	58.14	61.71	0
2002-05-19 00:00	24.45	10.87	25.27	6.944	-0.54	57.13	63.44	0
2002-05-19 01:00	32.22	8.97	37.5	6.083	-0.523	55.61	66.49	0
2002-05-19 02:00	37.08	8.48	40.22	4.616	-0.266	53.75	70.5	0
2002-05-19 03:00	36.04	8.3	34.94	3.919	-0.09	52.17	73.7	0
2002-05-19 04:00	33.01	9.55	29.23	4.809	-0.026	51.32	74	0
2002-05-19 05:00	38.45	9.32	35.67	4.689	-0.068	50.51	72.1	0
2002-05-19 06:00	38.72	10.76	35.76	6.007	-0.203	50.03	69.04	0
2002-05-19 07:00	38.46	10.39	36.45	6.412	-0.4	49.96	66.07	0
2002-05-19 08:00	39.38	10.38	38.01	7.37	-0.971	51.32	62.16	0
2002-05-19 09:00	40.78	10.13	37.75	7.69	-1.367	54.25	56.98	0
2002-05-19 10:00	40.93	15.55	38.09	11.36	-1.581	57.37	46.9	0
2002-05-19 11:00	44.47	14.26	40.09	11.23	-1.636	59.77	40.23	0
2002-05-19 12:00	39.96	16.24	37.33	12.7	-1.747	61.5	35.32	0
2002-05-19 13:00	32.78	12.22	31.06	9.91	-1.749	63.78	34.36	0
2002-05-19 14:00	7.39	10.67	9.44	8.5	-1.831	65.08	35.48	0
2002-05-19 15:00	355.5	9.59	2.586	7.72	-1.707	65.97	36.04	0
2002-05-19 16:00	355.7	10.36	3.196	7.92	-1.668	66.95	34.35	0
2002-05-19 17:00	1.589	11.46	4.59	8.51	-1.527	67.59	32.1	0
2002-05-19 18:00	10.25	10.86	11	8.09	-1.298	67.39	33.31	0
2002-05-19 19:00	14.2	9.88	18.19	6.921	-0.982	66.63	34.91	0
2002-05-19 20:00	11.78	9.52	16.76	5.694	-0.419	64.93	38.12	0
2002-05-19 21:00	17.63	8.58	32.81	4.035	0.567	62.23	43.32	0
2002-05-19 22:00	27.72	8.77	47.45	3.01	1.634	59.37	52.56	0
2002-05-19 23:00	31.26	9.84	29.77	4.719	0.539	59.2	50.53	0
2002-05-20 00:00	44.64	8.61	36.63	3.065	1.455	58.03	51.81	0
2002-05-20 01:00	50.08	8.72	40.06	2.481	2.853	55.98	58.97	0
2002-05-20 02:00	60.08	9.65	59.53	2.75	2.354	55.2	60.85	0
2002-05-20 03:00	57.14	9.47	46.17	3.006	2.302	53.94	64.57	0
2002-05-20 04:00	71.5	8.74	112.6	1.862	2.238	52.53	67.46	0
2002-05-20 05:00	77.7	10.36	79.5	1.964	3.034	51.43	71.9	0
2002-05-20 06:00	81.5	10.11	66.15	2.249	2.332	51.6	70	0
2002-05-20 07:00	82.6	10	55.36	2.659	1.904	51.82	67.71	0
2002-05-20 08:00	93	8.14	60.63	2.038	0.263	54.74	59.68	0
2002-05-20 09:00	89.8	6.647	75.3	3.363	-1.059	59.38	50.04	0
2002-05-20 10:00	65.82	7.27	58.97	5.824	-1.454	63.18	45.12	0
2002-05-20 11:00	66.22	8.71	50.45	6.977	-1.508	65.75	38.85	0
2002-05-20 12:00	75.8	8.14	56.38	5.971	-1.461	67.83	36.01	0
2002-05-20 13:00	44.17	9.8	35.53	7.61	-1.676	68.91	36.04	0
2002-05-20 14:00	41.32	8.91	35.93	7.07	-1.57	70.3	35.26	0
2002-05-20 15:00	34.97	6.992	30.18	5.822	-1.525	71.3	35.16	0
2002-05-20 16:00	359	7.26	5.242	5.401	-1.642	72	37.24	0
2002-05-20 17:00	328.1	7.82	335.1	5.487	-1.554	72	38.9	0
2002-05-20 18:00	5.716	5.959	10.84	4.867	-1.288	71.9	38.56	0
2002-05-20 19:00	356.7	5.298	356.5	3.763	-0.912	71.4	40.41	0
2002-05-20 20:00	19.03	5.582	38.71	2.476	1.398	68.3	49.98	0
2002-05-20 21:00	21.6	6.479	53.55	2.37	4.686	64.67	56.08	0
2002-05-20 22:00	35.35	7.09	60.12	1.934	6.107	62.66	61.08	0

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2002-05-20 23:00	44.3	7	55.64	2.189	7.75	59.31	69.7	0
2002-05-21 00:00	33.62	8.01	42.96	3.392	6.415	60.86	60.61	0
2002-05-21 01:00	37.01	8.9	41.09	3.423	5.172	61.23	59.61	0
2002-05-21 02:00	44.4	6.696	61.97	1.628	8.1	56.22	77.6	0
2002-05-21 03:00	48.91	8.67	81.6	1.814	7.86	54.91	80	0
2002-05-21 04:00	64.02	10.3	79.5	3.056	3.548	56.86	70.8	0
2002-05-21 05:00	73	11.54	60.22	4.792	0.197	58.59	64.3	0
2002-05-21 06:00	87.7	9.2	92.8	1.925	0.218	56.6	70	0
2002-05-21 07:00	96.7	8.91	93.6	1.871	0.818	54.72	76.5	0
2002-05-21 08:00	96	9.36	95.6	2.183	0.001	55.98	73.4	0
2002-05-21 09:00	107.5	8.02	119.2	3.396	-1.225	61.01	64.38	0
2002-05-21 10:00	100.6	6.375	75.8	4.536	-1.341	65.41	55.71	0
2002-05-21 11:00	93.3	7.96	69.4	5.424	-1.431	69.24	43.72	0
2002-05-21 12:00	84.7	7.13	65.7	5.169	-1.511	71.4	38.23	0
2002-05-21 13:00	48.66	8.01	40.16	6.587	-1.596	72.2	37.44	0
2002-05-21 14:00	52.24	7.54	37.69	6.047	-1.61	73	36.16	0
2002-05-21 15:00	27.34	7.28	22.77	6.096	-1.599	73.7	35.47	0
2002-05-21 16:00	353.5	6.009	359.2	4.624	-1.582	74.5	36.75	0
2002-05-21 17:00	345	7.27	348	5.376	-1.575	74.5	37.52	0
2002-05-21 18:00	18.27	7.99	19.04	6.423	-1.276	74.1	35.97	0
2002-05-21 19:00	20.4	7.28	23.13	4.988	-0.93	73.4	35.41	0
2002-05-21 20:00	39.55	5.39	37.67	2.762	1.182	70.2	44.12	0
2002-05-21 21:00	71.4	8.16	61.26	2.081	4.363	65.71	52.98	0
2002-05-21 22:00	75	9.59	77.6	1.964	3.901	64.81	49.55	0
2002-05-21 23:00	77.3	10.21	69.29	2.54	1.867	64.57	46.44	0
2002-05-22 00:00	82.1	10.12	75.6	2.356	1.977	62.88	48.5	0
2002-05-22 01:00	83	10.79	64.99	2.851	1.405	61.63	49.83	0
2002-05-22 02:00	96	10.02	78.3	2.309	0.565	59.68	53.89	0
2002-05-22 03:00	100.6	9.95	81.5	2.538	0.178	56.91	63.12	0
2002-05-22 04:00	104.5	10.52	82.9	2.968	0.057	55.05	67.82	0
2002-05-22 05:00	107.5	10.78	86	2.961	-0.026	53.71	70.5	0
2002-05-22 06:00	109.2	11.28	74.1	2.882	0.054	52.23	74.2	0
2002-05-22 07:00	109.3	10.74	99.8	2.87	-0.247	52.18	72.8	0
2002-05-22 08:00	110.1	10.95	98.7	3.715	-0.806	54.3	67.94	0
2002-05-22 09:00	114	10.5	120	4.359	-1.378	59.21	59.32	0
2002-05-22 10:00	116.4	11.98	124.8	5.679	-1.662	63.74	48.15	0
2002-05-22 11:00	120.3	11.31	136.8	6.721	-1.759	67.36	42.87	0
2002-05-22 12:00	101.2	7.15	87.2	5.177	-1.575	69.63	40.38	0
2002-05-22 13:00	82.1	6.256	72.1	4.892	-1.627	71.5	37.27	0
2002-05-22 14:00	104.1	7.12	101.2	5.633	-1.614	73.4	32.54	0
2002-05-22 15:00	80.2	6.667	62.12	5.56	-1.506	74.8	30.66	0
2002-05-22 16:00	88.2	4.5	49.09	4.117	-1.412	76	31.52	0
2002-05-22 17:00	122.9	3.211	293.2	2.935	-1.328	77	29.97	0
2002-05-22 18:00	344.4	5.253	338.9	4.198	-1.166	75.9	33.91	0
2002-05-22 19:00	355.2	4.848	0.277	3.346	-0.546	75	37.79	0
2002-05-22 20:00	48.9	5.615	42.1	2.361	3.064	71	54.22	0
2002-05-22 21:00	78.3	9.46	57.88	2.594	2.678	68.91	49.38	0
2002-05-22 22:00	101.7	9.37	44.63	3.251	1.763	66.88	49.84	0
2002-05-22 23:00	109.6	10.49	50.06	3.273	1.664	64.34	54.43	0
2002-05-23 00:00	113.8	10.81	55.5	2.856	1.357	62.33	56.22	0
2002-05-23 01:00	127.3	10.5	147.4	2.505	1.2	60.25	59.74	0
2002-05-23 02:00	128.5	11.69	112.9	3.294	0.733	59.4	59.38	0
2002-05-23 03:00	146.8	12.39	98.6	3.318	1.881	57.92	65.15	0
2002-05-23 04:00	149.6	10.45	79.7	2.808	2.235	56.39	71.1	0
2002-05-23 05:00	144.8	9.74	72.2	2.304	2.427	55.11	75.1	0
2002-05-23 06:00	127.2	6.964	53.64	1.825	0.883	53.82	78.8	0

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2002-05-23 07:00	127.7	10.92	100.4	2.921	1.436	53.08	82.2	0
2002-05-23 08:00	124.7	7.68	159	3.356	-0.818	55.67	78.6	0
2002-05-23 09:00	128.7	5.337	152.4	3.135	-1.506	60.79	71.4	0
2002-05-23 10:00	128.9	6.825	136.3	4.319	-1.632	66.78	62.21	0
2002-05-23 11:00	136.2	9.92	145.3	6.114	-1.7	71.2	53.36	0
2002-05-23 12:00	138.1	10.55	148.7	6.528	-1.987	74.3	45.91	0
2002-05-23 13:00	145	9.13	155.7	6.089	-1.877	76.5	42.29	0
2002-05-23 14:00	142.2	6.801	158.2	5.122	-1.625	78.4	40.69	0
2002-05-23 15:00	141.1	7.01	139.3	4.774	-1.771	80	37.66	0
2002-05-23 16:00	149.1	7.58	157.8	5.017	-1.758	81.5	35.57	0
2002-05-23 17:00	163.6	7.63	171.5	5.123	-1.595	82.4	35.34	0
2002-05-23 18:00	172	5.859	182	3.714	-1.239	82.7	36.97	0
2002-05-23 19:00	231	2.948	302.2	1.603	-0.376	80	45.67	0
2002-05-23 20:00	215.5	3.799	181.5	1.795	0.361	77.3	51.48	0
2002-05-23 21:00	199.9	4.531	96.8	1.185	4.369	72.7	61.32	0
2002-05-23 22:00	177.3	4.688	92.5	1.183	4.291	70.6	65.6	0
2002-05-23 23:00	175	8.71	127.2	2.559	3.523	69.66	69.29	0
2002-05-24 00:00	156.9	9.67	126.4	3.203	1.156	68.68	67.02	0
2002-05-24 01:00	144.6	11.78	132.6	4.501	0.378	66.96	68.74	0
2002-05-24 02:00	145.2	12.65	135.8	4.851	0.3	65.96	70.5	0
2002-05-24 03:00	137.5	11.25	113.8	2.819	0.582	64	74.5	0
2002-05-24 04:00	125.7	9.45	131.4	2.071	0.402	61.85	79.8	0
2002-05-24 05:00	120	8.2	112.3	1.906	0.061	60.02	83.8	0
2002-05-24 06:00	129.4	8.57	128.9	2.647	1.119	58.28	88.8	0
2002-05-24 07:00	126.9	9.09	52.43	2.005	1.229	57.99	90	0
2002-05-24 08:00	139	6.097	147.6	2.389	-0.598	60.49	86.7	0
2002-05-24 09:00	142	4.531	154.5	2.91	-1.456	64.77	82.8	0
2002-05-24 10:00	167.7	4.123	186.9	3.504	-1.342	69.41	75.5	0
2002-05-24 11:00	202.8	5.887	217.4	4.632	-1.459	72.9	65.97	0
2002-05-24 12:00	252.6	6.341	257	4.468	-1.982	75.8	57.59	0
2002-05-24 13:00	269.2	6.248	267.6	4.792	-1.732	76.8	54.61	0
2002-05-24 14:00	258.6	6.983	252.9	4.893	-1.947	78.8	46.78	0
2002-05-24 15:00	268.8	6.662	261.7	4.545	-1.991	79.6	47.31	0
2002-05-24 16:00	280.1	5.293	269.6	4.346	-1.653	80.1	48.11	0
2002-05-24 17:00	272.5	4.11	272.3	3.323	-1.488	80.7	50.28	0
2002-05-24 18:00	287.1	3.459	288.3	2.757	-1.269	80.6	52.55	0
2002-05-24 19:00	294.9	1.97	30.13	1.559	0.037	78.6	60.2	0
2002-05-24 20:00	77	3.517	54.63	1.946	3.595	75.2	68.95	0
2002-05-24 21:00	81.9	7.32	87.2	1.891	3.941	74.4	67.19	0
2002-05-24 22:00	85	7.76	120.4	2.289	3.458	73.1	69.96	0
2002-05-24 23:00	105.9	8.16	96.5	2.014	2.214	70.9	76.1	0
2002-05-25 00:00	140.2	9.54	137.8	2.621	1.892	70.2	78.7	0
2002-05-25 01:00	169.9	8.8	159.6	3.271	0.57	71.2	74.3	0
2002-05-25 02:00	176.7	10.41	178.4	5.411	-0.39	72.1	74.2	0
2002-05-25 03:00	176.2	11.35	180.4	6.147	-0.533	72	75.8	0
2002-05-25 04:00	169.4	8.36	169.4	3.959	-0.299	70.7	78.9	0
2002-05-25 05:00	173.2	4.79	137.9	1.904	-0.026	69.06	83.8	0
2002-05-25 06:00	158.6	5.209	137.7	2.068	0.24	69.02	85.4	0
2002-05-25 07:00	133.4	7.05	119.4	2.638	0.036	68.14	87.8	0
2002-05-25 08:00	121.3	7.83	128.7	3.848	-1.029	68.48	87.9	0
2002-05-25 09:00	133.9	5.932	145.3	3.462	-1.154	70.4	88	0
2002-05-25 10:00	140.3	3.227	158	2.687	-1.434	74.3	80.8	0
2002-05-25 11:00	118.9	3.27	138	2.908	-1.441	75.6	79.5	0
2002-05-25 12:00	127.9	3.197	156.8	2.789	-1.404	77	75.8	0
2002-05-25 13:00	274.6	3.209	269.2	2.775	-1.337	78.2	71.7	0
2002-05-25 14:00	295.8	3.412	282.1	2.389	-1.093	79.1	66.6	0

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2002-05-25 15:00	310.6	5.414	299.9	4.247	-1.88	81.6	60.69	0
2002-05-25 16:00	327	6.076	328.8	4.808	-1.51	81.8	57.69	0
2002-05-25 17:00	339.2	6.002	343.4	3.87	-1.123	81.1	59.28	0
2002-05-25 18:00	340.6	5.151	327.3	3.795	-1.039	81.6	57.78	0
2002-05-25 19:00	0.22	3.998	353.5	2.695	-0.772	81.3	59.76	0
2002-05-25 20:00	98.9	4.122	76.8	2.176	1.147	79.2	66.36	0
2002-05-25 21:00	62.95	4.229	50.41	2.657	6.199	74.6	72.4	0
2002-05-25 22:00	63.27	5.763	59.7	2.081	8.73	71.4	76.9	0
2002-05-25 23:00	85.9	7.56	108.9	2.31	8.78	69.81	82.1	0
2002-05-26 00:00	151.3	10.13	128.2	3.541	1.116	71.9	77.7	0
2002-05-26 01:00	154.4	7.57	117.8	2.392	0.815	70.8	82	0
2002-05-26 02:00	142.5	9.02	99.6	2.576	0.659	69.93	86.1	0
2002-05-26 03:00	166.1	6.924	151.3	2.716	0.185	69.96	87.2	0
2002-05-26 04:00	175.6	6.687	161.1	2.537	0.049	69.76	88.4	0
2002-05-26 05:00	161.1	8.25	140.4	3.327	-0.023	69.19	90.3	0
2002-05-26 06:00	177	7.91	155.6	3.609	0.098	69.08	90.9	0
2002-05-26 07:00	194	6.554	172.2	2.618	-0.236	69.8	90.4	0
2002-05-26 08:00	187.8	5.495	169.3	2.926	-0.756	70.7	89.6	0
2002-05-26 09:00	193.1	4.561	193.9	3.026	-1.07	72.4	87.2	0
2002-05-26 10:00	221.7	5.401	234.1	4.065	-1.485	74.9	84.4	0
2002-05-26 11:00	254.3	6.096	254.9	4.167	-1.643	76.6	78.9	0
2002-05-26 12:00	249.3	3.278	242.6	3.16	-1.682	78.3	74.2	0
2002-05-26 13:00	282	4.098	266.7	2.991	-1.641	79.2	73.5	0
2002-05-26 14:00	320.3	5.8	316	3.898	-1.576	79.5	58.05	0
2002-05-26 15:00	203.4	3.182	177.3	2.789	-1.092	78.9	62.83	0
2002-05-26 16:00	121	12.52	133.6	6.943	-1.684	79.6	58.83	0
2002-05-26 17:00	123.7	9.06	136.6	5.632	-1.693	80.1	53.67	0
2002-05-26 18:00	137.3	9.14	140.7	4.41	-0.871	78.7	58.27	0
2002-05-26 19:00	54.48	2.842	34.86	2.159	0.988	76.1	68.47	0
2002-05-26 20:00	195.6	4.18	37.31	2.027	2.643	74	75.7	0
2002-05-26 21:00	351.6	13.36	1.519	8.14	-0.509	71.8	77.4	0
2002-05-26 22:00	6.647	13.28	8.21	8.57	-0.892	69.4	80.8	0
2002-05-26 23:00	59.79	6.698	68.24	3.272	-0.668	68.56	79.8	0
2002-05-27 00:00	121.7	9.48	128.8	2.765	-0.325	67.98	81	0
2002-05-27 01:00	120.4	9.48	98.2	2.033	0.133	67.16	82.7	0
2002-05-27 02:00	135.8	9.07	97.5	2.477	0.593	66.18	86.4	0
2002-05-27 03:00	122.1	6.551	80.5	1.613	1.261	65.23	88.9	0
2002-05-27 04:00	130	6.827	137.6	1.993	1.798	64.89	89.5	0
2002-05-27 05:00	149.9	3.159	42.64	1.856	2.522	63.3	93.9	0
2002-05-27 06:00	24.28	2.863	50.56	1.88	2.724	62.29	95.9	0
2002-05-27 07:00	75	4.545	82.4	1.653	2.467	62.67	96.7	0
2002-05-27 08:00	94.4	2.608	33.02	1.905	-0.465	65.07	94.6	0
2002-05-27 09:00	110	2.641	95.5	2.108	-1.187	69.21	86.8	0
2002-05-27 10:00	299.6	3.736	263.8	3.43	-1.713	73.1	79.5	0
2002-05-27 11:00	293.8	3.13	281.9	3.708	-1.296	76	75.6	0
2002-05-27 12:00	316	4.919	313.7	4.245	-1.735	78.7	71.3	0
2002-05-27 13:00	318.9	6.198	326.8	5.496	-1.657	80.2	67.26	0
2002-05-27 14:00	336.8	6.936	341.9	5.493	-1.613	81.3	63.1	0
2002-05-27 15:00	337.4	6.527	338.9	5.14	-1.363	82.1	57.47	0
2002-05-27 16:00	336.1	6.551	338.2	4.897	-1.423	82.9	55.97	0
2002-05-27 17:00	337.1	5.422	338.6	3.952	-1.187	83.3	55.48	0
2002-05-27 18:00	341	6.061	344.3	3.098	-0.66	83	57.21	0
2002-05-27 19:00	355.9	5.563	24.2	2.856	0.871	81.8	63.75	0
2002-05-27 20:00	20.85	6.488	43.84	2.749	1.922	80.4	65.43	0
2002-05-27 21:00	350.3	1.977	55.75	1.664	5.557	76.2	73.6	0
2002-05-27 22:00	303.9	2.156	40.73	2.033	6.743	74.8	74.3	0

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2002-05-27 23:00	241.4	4.895	38.73	1.972	5.223	73.5	83.2	0
2002-05-28 00:00	210.7	6.486	58.21	1.594	4.085	74.1	77.2	0
2002-05-28 01:00	212.7	5.629	60.81	1.673	4.059	72.8	73.3	0
2002-05-28 02:00	192.6	7.07	157.7	1.469	2.518	72.7	69.1	0
2002-05-28 03:00	218.8	8.39	225.7	2.052	0.868	71.6	72.2	0
2002-05-28 04:00	236.4	6.501	97.1	0.804	1.822	69.64	81.5	0
2002-05-28 05:00	227.9	7.37	196.5	0.798	1.704	68.83	86.5	0
2002-05-28 06:00	223	6.232	97.3	1.123	1.665	68.27	89.9	0
2002-05-28 07:00	215.2	5.468	128.2	1.172	1.452	68.23	91	0
2002-05-28 08:00	213.6	5.526	191.1	1.954	-0.405	70.3	87.1	0
2002-05-28 09:00	213.9	2.892	222.6	2.45	-1.299	72.9	81.2	0
2002-05-28 10:00	227	1.93	220.2	2.079	-1.519	75.5	71.8	0
2002-05-28 11:00	244.6	2.453	258.4	2.996	-1.27	77	66.06	0
2002-05-28 12:00	278.8	3.166	258.9	3.228	-1.485	79.5	61.95	0
2002-05-28 13:00	320.1	4.811	309.9	3.61	-1.448	79.8	62.55	0
2002-05-28 14:00	335.8	6.162	347.2	3.513	-0.535	78.4	65.29	0
2002-05-28 15:00	345.4	5.97	5.618	2.746	-0.187	77.5	69.64	0
2002-05-28 16:00	283.2	3.155	272.8	2.156	-1.167	77.9	70.6	0
2002-05-28 17:00	210.6	1.745	284.7	1.576	-1.199	79.3	64.79	0
2002-05-28 18:00	166	2.419	156.3	1.273	0.069	78.7	66.64	0
2002-05-28 19:00	222.9	3.596	38.06	1.106	1.15	77.3	73.7	0
2002-05-28 20:00	172.8	2.583	57.59	1.477	3.02	75.7	81.8	0
2002-05-28 21:00	204	2.54	29.25	1.613	3.634	74.4	82.8	0
2002-05-28 22:00	202.4	3.212	60.05	1.729	2.963	73.5	84.8	0
2002-05-28 23:00	45.74	3.972	62.91	2.323	4.47	71.5	88.2	0
2002-05-29 00:00	117.1	7.59	98.5	2.803	1.793	71.9	90.2	0
2002-05-29 01:00	133.9	8.33	141	3.757	-0.703	70.7	90.2	0
2002-05-29 02:00	110.9	8.89	84.8	2.784	-0.526	68.27	89.1	0
2002-05-29 03:00	110.1	8.74	60.57	3.04	-0.312	67.49	90.8	0
2002-05-29 04:00	109.6	8.58	55.38	2.804	-0.071	67.41	90.9	0
2002-05-29 05:00	116.1	4.94	60.07	1.32	-0.148	66.34	93.5	0
2002-05-29 06:00	117.5	5.868	53.69	2.044	-0.475	66.04	95.2	0
2002-05-29 07:00	120.9	3.811	65.47	1.064	-0.471	66.22	95.7	0
2002-05-29 08:00	122	7.56	132	2.31	-0.777	67.85	94.1	0
2002-05-29 09:00	127.5	4.688	153.7	2.776	-1.175	69.91	88.5	0
2002-05-29 10:00	129.7	5.672	141.4	3.511	-1.381	72.6	82.1	0
2002-05-29 11:00	192.3	3.548	229.7	2.698	-1.092	74.8	78.5	0
2002-05-29 12:00	285.5	3.394	284.2	2.474	-1.392	76.7	73.5	0
2002-05-29 13:00	289.7	3.945	296	3.438	-1.66	79	65.74	0
2002-05-29 14:00	252.8	4.288	260.5	3.614	-1.76	81.1	60.31	0
2002-05-29 15:00	139.7	8.51	133.1	5.444	-1.881	80.8	64.63	0
2002-05-29 16:00	98.5	9.62	82	5.834	-1.687	77.9	72.1	0
2002-05-29 17:00	104.8	10.72	95.6	5.383	-1.403	76.8	74.8	0
2002-05-29 18:00	110.8	11.69	93.6	4.944	-1.068	71.6	82.2	0
2002-05-29 19:00	69.21	4.548	31.28	3.03	-1.014	71.7	83.7	0
2002-05-29 20:00	112	6.302	100.1	2.908	-1.068	70.8	88.2	0
2002-05-29 21:00	120.1	7.42	128.9	2.628	-0.859	69.59	92.7	0
2002-05-29 22:00	135.2	3.444	307.3	2.73	-0.833	69.59	93.7	0
2002-05-29 23:00	98.3	4.575	162.3	2.467	-0.681	68.99	95.1	0
2002-05-30 00:00	139.1	9.35	144.8	3.829	-0.71	66.68	95	0
2002-05-30 01:00	133.2	12.96	141.6	5.604	-0.667	65.53	96.2	NaN
2002-05-30 02:00	137.4	10.43	141.3	3.899	-0.467	65.61	96.7	NaN
2002-05-30 03:00	144.8	8.65	136	3.499	-0.387	65.92	95.8	NaN
2002-05-30 04:00	109.9	8.51	67.18	3.329	-0.628	65.41	96.4	NaN
2002-05-30 05:00	116.8	6.097	159	2.349	-0.689	65.18	96.9	NaN
2002-05-30 06:00	121	6.398	156.2	2.285	-0.628	64.91	97.4	NaN

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2002-05-30 07:00	113.3	5.108	58.92	2.215	-0.726	65.06	97.7	NaN
2002-05-30 08:00	109.8	3.333	22.38	1.722	-0.928	65.57	97.9	NaN
2002-05-30 09:00	113.5	5.953	120	2.503	-1.049	66.67	97.6	NaN
2002-05-30 10:00	80.1	4.714	58.64	3.646	-0.967	67.34	95.8	NaN
2002-05-30 11:00	88.3	4.526	44.99	2.937	-1.113	68.53	94.8	NaN
2002-05-30 12:00	96.9	4.802	72.2	2.927	-1.117	69.13	92.5	NaN
2002-05-30 13:00	96.3	5.409	71.1	3.668	-1.207	69.33	93.2	NaN
2002-05-30 14:00	103.4	6.121	89.5	4.35	-1.517	73.1	87.7	NaN
2002-05-30 15:00	103.5	6.468	95.1	4.847	-1.589	76.6	76.2	NaN
2002-05-30 16:00	9.8	4.117	2.26	3.432	-1.248	77	75.2	NaN
2002-05-30 17:00	340.9	5.849	348	4.251	-1.346	77.5	76.7	NaN
2002-05-30 18:00	134.1	11.66	163.3	6.104	-0.574	69.49	89.9	NaN
2002-05-30 19:00	97.1	4.852	81.4	2.124	-0.814	67.74	97.5	NaN
2002-05-30 20:00	96.5	4.579	72.5	1.687	-0.858	67.75	97.7	NaN
2002-05-30 21:00	110.1	4.383	123.3	2.043	-0.794	67.53	98.1	NaN
2002-05-30 22:00	103	6.865	65.34	2.258	-0.558	67.07	98.2	NaN
2002-05-30 23:00	103	6.469	89.5	1.898	-0.197	66.31	98.2	NaN
2002-05-31 00:00	101.1	5.652	85.8	1.582	-0.225	65.8	98.5	NaN
2002-05-31 01:00	94.1	8.54	50.95	3.534	-0.343	65.48	98.7	NaN
2002-05-31 02:00	96.3	7.48	62.09	2.681	0.235	65.11	98.5	NaN
2002-05-31 03:00	106	4.625	61.08	1.357	0.043	64.3	98.6	NaN
2002-05-31 04:00	97.8	5.266	53.3	1.417	0.168	63.93	99.1	NaN
2002-05-31 05:00	93.8	5.156	75.6	1.208	-0.082	63.71	99.3	NaN
2002-05-31 06:00	88	5.371	57.38	1.351	0.166	63.04	99.5	NaN
2002-05-31 07:00	94.5	8.82	63.09	2.55	-0.032	63.42	99.6	NaN
2002-05-31 08:00	92.9	6.217	67.52	2.595	-0.85	65.69	99.5	NaN
2002-05-31 09:00	90.3	4.432	85.9	2.839	-1.189	69.21	93.2	NaN
2002-05-31 10:00	86.5	4.926	66.31	3.7	-1.341	73	81.9	0
2002-05-31 11:00	98.7	5.863	97.5	4.081	-1.506	76	77.7	0
2002-05-31 12:00	55.1	5.699	39.61	4.814	-1.392	78	71.4	0
2002-05-31 13:00	350.7	3.674	274.4	3.282	-1.532	79.5	69.86	0
2002-05-31 14:00	318.3	5.713	306.6	4.287	-1.759	79.9	71.3	0
2002-05-31 15:00	310.7	6.654	292.8	4.782	-2.177	81.8	66.5	0
2002-05-31 16:00	358.5	5.45	12.13	3.689	0.447	77.5	77.9	0
2002-05-31 17:00	28.26	7.47	22.63	5.928	-1.202	78.7	77.6	0
2002-05-31 18:00	25.87	5.526	20.36	3.79	-1.114	80	71.9	0
2002-05-31 19:00	49.41	5.102	30.68	3.395	-0.608	80.3	70.3	0
2002-05-31 20:00	54.01	4.362	42.99	1.796	2.433	76.7	83.5	NaN
2002-05-31 21:00	264	3.133	37.09	1.687	3.647	73.5	90.8	NaN
2002-05-31 22:00	236.2	2.983	93	1.664	5.637	72	93.8	NaN
2002-05-31 23:00	182	6.126	79	1.416	4.149	71.7	94.9	NaN
2002-06-01 00:00	190.5	4.57	67.27	1.503	4.188	70.9	95.9	NaN
2002-06-01 01:00	193.1	4.681	85.7	1.559	4.406	70.2	96.9	NaN
2002-06-01 02:00	175.7	6.375	76.6	1.479	4.713	69.59	97.7	NaN
2002-06-01 03:00	165.9	5.572	96.1	1.538	4.689	68.81	98.1	NaN
2002-06-01 04:00	171.4	2.761	60.72	1.981	4.187	68.11	98.6	NaN
2002-06-01 05:00	244	1.933	68.48	1.649	4.646	67.54	99.1	NaN
2002-06-01 06:00	217	2.819	88.8	1.712	4.796	66.92	99.5	NaN
2002-06-01 07:00	154.7	2.205	70.4	1.621	4.393	66.73	99.6	NaN
2002-06-01 08:00	93.7	1.584	94.5	1.851	2.063	69.61	99.6	NaN
2002-06-01 09:00	155.8	1.33	214.6	1.689	-0.928	74.6	88.2	NaN
2002-06-01 10:00	242.2	3.084	270.3	3.248	-1.019	77.4	80.1	0
2002-06-01 11:00	260.9	3.829	278.9	3.692	-1.356	79.5	73.9	0
2002-06-01 12:00	309.2	4.87	295.7	4.233	-1.829	81.9	68.45	0
2002-06-01 13:00	318.9	5.839	311.4	5.059	-1.714	83.3	66.08	0
2002-06-01 14:00	318.8	5.314	306.9	4.658	-1.683	84.5	63.09	0

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2002-06-01 15:00	306.7	4.635	297.1	3.933	-1.682	85.5	56.89	0
2002-06-01 16:00	308.8	4.778	305	3.73	-1.668	86.1	56.05	0
2002-06-01 17:00	320.2	4.891	329.5	4.038	-1.349	86.1	56.01	0
2002-06-01 18:00	343.7	4.359	340.9	3.368	-1.226	86	54.63	0
2002-06-01 19:00	356.9	3.935	354.9	2.584	-0.568	85.3	57.44	0
2002-06-01 20:00	9.51	4.792	39.84	2.124	3.26	81.1	73.2	0
2002-06-01 21:00	17.33	5.725	48.81	2.021	6.478	78	75.7	0
2002-06-01 22:00	26.53	4.887	65.88	1.46	9.22	75.1	81.8	0
2002-06-01 23:00	27.92	3.337	75.3	1.155	10.58	73.6	82.8	0
2002-06-02 00:00	51.57	2.384	85.7	1.116	10.93	72.5	88.8	NaN
2002-06-02 01:00	98	2.854	87.6	0.802	11.18	71	95.2	NaN
2002-06-02 02:00	114.4	6.078	4.298	1.01	9.08	70.3	97.3	NaN
2002-06-02 03:00	116	5.598	56.44	1.189	8.35	70.2	97.9	NaN
2002-06-02 04:00	127.9	5.684	111.4	1.469	7.54	70.4	96	NaN
2002-06-02 05:00	211.4	6.296	91.8	1.487	2.465	69.84	95.5	NaN
2002-06-02 06:00	227.8	6.733	90.6	0.755	1.608	71.1	93.2	NaN
2002-06-02 07:00	230.9	6.914	214.7	1.183	0.524	71.3	94.2	NaN
2002-06-02 08:00	246.1	4.457	239.6	1.453	-0.694	73	91.9	NaN
2002-06-02 09:00	256	3.557	247.9	2.759	-1.33	75.8	86.9	0
2002-06-02 10:00	291.3	2.958	274.9	2.76	-1.528	78.4	80.7	0
2002-06-02 11:00	299.8	3.501	297.2	3.579	-1.563	81.1	73.7	0
2002-06-02 12:00	297.1	5.306	260.3	4.552	-1.891	83.3	69.15	0
2002-06-02 13:00	310	5.075	298.4	4.304	-1.664	84.9	66.52	0
2002-06-02 14:00	318.6	4.912	288	3.505	-1.419	85.8	66.63	0
2002-06-02 15:00	317.2	4.685	313	3.501	-1.012	86.5	64.16	0
2002-06-02 16:00	331.5	5.649	334.6	4.229	-1.023	87.1	61.12	0
2002-06-02 17:00	347.4	4.917	343.7	4.431	-1.257	88.2	56.77	0
2002-06-02 18:00	349.8	4.216	339.2	3.615	-1.074	88.4	56.3	0
2002-06-02 19:00	354.8	5.15	343.6	2.925	-0.264	87	60.79	0
2002-06-02 20:00	325.7	4.396	4.908	1.386	3.168	83.6	73.3	0
2002-06-02 21:00	230.7	3.571	67.75	1.224	4.916	80.5	77.9	0
2002-06-02 22:00	214.4	4.765	50.59	1.346	5.437	79.1	79.6	0
2002-06-02 23:00	199.6	4.753	65.43	1.212	5.498	77.9	81.9	0
2002-06-03 00:00	186.6	5.688	79.8	1.159	6.025	76.9	84.6	0
2002-06-03 01:00	174.9	5.968	102.3	1.15	6.334	75.8	88.4	0
2002-06-03 02:00	167.6	5.457	84.1	1.364	4.027	75.7	88.3	0
2002-06-03 03:00	184.3	5.96	84.4	1.186	3.038	75.1	87.9	0
2002-06-03 04:00	206.8	7.2	175.6	1.771	1.033	75.3	83.9	0
2002-06-03 05:00	234.7	6.789	241.2	1.002	0.757	73.8	84.7	0
2002-06-03 06:00	231.3	6.49	167	0.855	0.93	72.9	87.6	0
2002-06-03 07:00	228.7	5.581	74.1	0.626	0.882	72.6	89.4	0
2002-06-03 08:00	211.6	4.79	204.3	2.156	-0.732	74.6	85.7	0
2002-06-03 09:00	238	4.248	234	3.14	-1.539	76.5	83.7	0
2002-06-03 10:00	226.6	4.004	213.7	3.806	-1.675	78.4	79.2	0
2002-06-03 11:00	259.6	4.79	259.2	3.873	-1.843	80.6	75.2	0
2002-06-03 12:00	271	4.241	263.2	3.868	-1.603	82.4	71.3	0
2002-06-03 13:00	271.9	4.091	269.5	3.724	-1.64	84.4	68.6	0
2002-06-03 14:00	314.4	4.169	327.6	3.539	-1.387	85.4	65.68	0
2002-06-03 15:00	322.9	3.812	342.3	3.857	-1.162	86.1	64.6	0
2002-06-03 16:00	319.3	3.814	323.5	3.479	-1.426	87.6	59.52	0
2002-06-03 17:00	257.7	3.3	257.1	2.949	-1.45	88.3	57.84	0
2002-06-03 18:00	247.8	2.696	260.6	2.55	-1.018	88.2	58.1	0
2002-06-03 19:00	321	2.832	332.3	2.09	-0.577	86.5	63.17	0
2002-06-03 20:00	10.31	2.477	45.71	1.545	2.242	83.4	77.2	0
2002-06-03 21:00	141.1	4.525	99.8	1.663	3.753	81.2	78.2	0
2002-06-03 22:00	166.3	5.268	86.3	1.372	1.916	80.4	77.2	0

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2002-06-03 23:00	168.4	7.58	153.6	2.566	1.124	80	75.8	0
2002-06-04 00:00	191	8.88	195	3.384	0.426	79.7	75.1	0
2002-06-04 01:00	181.2	9	168.6	4.132	-0.04	79.1	75.6	0
2002-06-04 02:00	172.4	8.69	161.5	4.023	-0.034	77.7	78.4	0
2002-06-04 03:00	177.8	6.356	169	2.716	-0.215	76.3	82.9	0
2002-06-04 04:00	166.4	7.13	142.5	3.083	0.17	75.3	86.7	0
2002-06-04 05:00	182.9	5.631	150	2.443	-0.049	74.7	88.5	0
2002-06-04 06:00	194.1	4.603	89.1	1.039	0.839	72.6	94.3	0
2002-06-04 07:00	201.9	4.884	112.6	1.228	1.096	72.4	96.4	0
2002-06-04 08:00	185.3	4.639	193.2	2.002	-0.831	75.4	91.1	0
2002-06-04 09:00	207.3	4.078	220.3	3.728	-1.292	78.2	85.6	0
2002-06-04 10:00	258.6	4.003	269.2	3.459	-1.672	80.1	82	0
2002-06-04 11:00	269.6	4.411	264.6	3.928	-1.695	81.5	78.2	0
2002-06-04 12:00	262.8	4.403	266.9	3.717	-1.346	82.6	76.2	0
2002-06-04 13:00	282.5	4.386	281.9	3.059	-1.399	84.1	70.7	0
2002-06-04 14:00	311.8	2.574	316.9	2.507	-1.12	85.1	66.45	0
2002-06-04 15:00	285	3.291	282.2	3.067	-1.148	86.6	64.39	0
2002-06-04 16:00	177.3	5.711	194.8	4.549	-1.532	90.3	52.95	0
2002-06-04 17:00	182.7	6.148	202.7	4.22	-1.078	89.8	53.4	0
2002-06-04 18:00	242.2	3.675	256.5	2.689	-1.022	88.6	59.96	0
2002-06-04 19:00	239.3	2.959	234.9	1.618	-0.801	87.2	65.37	0
2002-06-04 20:00	215.3	3.907	66.58	1.659	0.787	83.8	73.6	0
2002-06-04 21:00	200.8	5.914	186.1	1.699	0.534	82.1	75.9	0
2002-06-04 22:00	185.1	4.315	115.4	1.767	0.889	80.4	74.2	0
2002-06-04 23:00	135.1	6.887	105.7	2.392	1.482	79	76.9	0
2002-06-05 00:00	143.2	5.329	189.4	1.743	0.466	77.7	80.9	0
2002-06-05 01:00	141.9	8.63	127.7	2.807	0.971	77.3	79.7	0
2002-06-05 02:00	140.2	8.9	111.9	2.714	1.684	76.6	79.4	0
2002-06-05 03:00	142.6	10.4	107.2	3.542	1.382	75.8	82.4	0
2002-06-05 04:00	139.9	9.6	92.4	3.253	0.616	75.2	84.1	0
2002-06-05 05:00	144	7.63	117.6	2.601	0.057	74.5	87.1	0
2002-06-05 06:00	153.5	6.23	140.2	2.418	0.04	74.1	88.2	0
2002-06-05 07:00	175.7	5.38	164.6	2.205	0.259	73.6	90.2	0
2002-06-05 08:00	175.5	5.418	157.3	3.257	-0.687	75.4	87.4	0
2002-06-05 09:00	194	3.911	202.4	3.062	-1.425	78.4	83	0
2002-06-05 10:00	236.5	3.429	253.3	3.121	-1.323	80.6	80.5	0
2002-06-05 11:00	150.7	4.986	193.3	3.464	-1.45	83.1	73.7	0
2002-06-05 12:00	136.9	6.036	150.3	4.676	-1.644	85.4	61.07	0
2002-06-05 13:00	250.3	5.183	248.1	3.491	-1.548	86.1	57	0
2002-06-05 14:00	288.6	3.794	276.8	2.629	-1.335	85.7	60.19	0
2002-06-05 15:00	313.1	3.341	296.6	2.556	-1.442	86	60.5	0
2002-06-05 16:00	297.7	4.158	282.3	3.437	-1.722	86.7	58.72	0
2002-06-05 17:00	347.6	3.587	331.1	3.072	-1.135	86.4	60.31	0
2002-06-05 18:00	262.8	2.378	256.3	2.356	-1.257	87.2	60.09	0
2002-06-05 19:00	132	10.4	136	5.352	-1.055	85.5	60	0
2002-06-05 20:00	128.4	12.04	136.5	5.066	-0.728	79.1	62.73	0
2002-06-05 21:00	126.2	8.55	69.8	2.144	0.406	76.8	69.08	0
2002-06-05 22:00	114.6	8.06	101.3	1.713	0.756	75.5	72.8	0
2002-06-05 23:00	118.8	7.87	135.6	1.671	0.569	74.7	74.7	0
2002-06-06 00:00	126.6	8.35	87.8	1.952	0.351	73.4	80.6	0
2002-06-06 01:00	247	4.929	61.29	1.357	0.916	72.3	85.5	0
2002-06-06 02:00	224.3	3.409	43.26	1.056	3.264	71	89.4	0
2002-06-06 03:00	239.7	4.941	79.9	1.527	2.77	70.8	89.9	0
2002-06-06 04:00	194.8	2.301	57.52	1.847	3.942	70.3	92.5	0
2002-06-06 05:00	162.2	3.205	100.9	1.611	4.278	70	93.4	0
2002-06-06 06:00	140.3	6.378	112.5	2.211	4.74	69.25	95.2	0

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2002-06-06 07:00	146.9	6.221	99.3	2.125	5.009	69.55	95.5	0
2002-06-06 08:00	128.1	6.579	106.3	2.749	1.657	72	89.8	0
2002-06-06 09:00	117.6	3.895	128.2	2.361	-1.133	76.7	81.3	0
2002-06-06 10:00	285.2	2.265	319.9	2.356	-1.375	80	74.4	0
2002-06-06 11:00	283.4	3.885	282.3	3.723	-1.441	81.8	70.5	0
2002-06-06 12:00	340.8	4.685	336.6	4.161	-1.375	82.8	63.32	0
2002-06-06 13:00	343.7	6.024	340	4.854	-1.641	84.8	64.33	0
2002-06-06 14:00	343.3	6.745	344.6	5.014	-1.633	85.8	64.86	0
2002-06-06 15:00	15.52	6.869	23.89	6.031	-1.518	86.4	64.73	0
2002-06-06 16:00	14.07	9.68	16.62	7.81	-1.515	86.4	63.96	0
2002-06-06 17:00	4.273	9.51	4.14	7.09	-1.424	86.5	63.43	0
2002-06-06 18:00	354.1	8.23	349.5	5.344	-0.988	84.4	66.5	0
2002-06-06 19:00	0.9	5.783	349.1	3.442	-0.724	83.4	66.34	0
2002-06-06 20:00	4.642	6.757	7.2	2.967	-0.091	82	65.85	0
2002-06-06 21:00	12.76	6.745	50.2	1.996	1.61	78.8	72.3	0
2002-06-06 22:00	9.26	7.35	33.17	2.235	2.274	76.9	77.1	0
2002-06-06 23:00	26.63	8.58	33.56	4.18	0.603	76.5	76.7	0
2002-06-07 00:00	30.62	8.33	27.81	3.95	-0.024	75.6	77	0
2002-06-07 01:00	29.21	9.53	25.66	4.701	0.089	74.4	80.1	0
2002-06-07 02:00	36.82	8.69	38.73	3.892	0.024	73.3	82.2	0
2002-06-07 03:00	40.71	6.007	45.9	1.466	0.199	71.6	86	0
2002-06-07 04:00	37.88	5.803	24.46	1.385	0.643	70	90.4	0
2002-06-07 05:00	41.25	7.93	33.26	2.932	0.34	69.8	90	0
2002-06-07 06:00	41.28	6.768	35.21	1.934	0.368	68.99	91.3	0
2002-06-07 07:00	49.94	5.698	38.67	1.428	-0.038	68.91	90.7	0
2002-06-07 08:00	44.69	5.075	26.25	3.201	-0.979	71.1	86.7	0
2002-06-07 09:00	48.59	5.256	46.28	4.23	-1.331	74.2	80.7	0
2002-06-07 10:00	37.48	4.737	25.46	4.259	-1.461	77.2	76.4	0
2002-06-07 11:00	336.3	6.277	331.9	4.94	-1.794	78.6	76	0
2002-06-07 12:00	329.9	7.86	337.2	6.372	-1.695	79.7	74.2	0
2002-06-07 13:00	332.5	7.67	342.5	6.62	-1.559	81.3	69.5	0
2002-06-07 14:00	338.6	9.03	342.6	6.471	-1.727	82.7	61.67	0
2002-06-07 15:00	326.6	6.604	343	5.608	-1.695	84	60.11	0
2002-06-07 16:00	328.8	6.866	342.9	5.589	-1.614	84.2	61.36	0
2002-06-07 17:00	336.6	7.01	339.8	5.125	-1.427	84.6	58.7	0
2002-06-07 18:00	345.9	7.04	338.4	4.685	-1.147	84.8	57.66	0
2002-06-07 19:00	8.07	5.818	13.95	3.979	-0.966	84.5	59.15	0
2002-06-07 20:00	14.05	6.624	23.97	3.077	0.247	82.5	63.1	0
2002-06-07 21:00	14.15	7.44	42.17	2.679	3.101	78.7	71.8	0
2002-06-07 22:00	8.63	7.19	39.78	2.429	3.811	76	79	0
2002-06-07 23:00	17.3	8.46	31.52	3.559	2.318	76.1	74.9	0
2002-06-08 00:00	24.94	9.76	29.82	4.569	1.089	76.1	71.3	0
2002-06-08 01:00	41.06	8.47	60.24	2.03	2.889	73.6	78.8	0
2002-06-08 02:00	66.75	7.96	106.4	1.791	2.868	72.8	80	0
2002-06-08 03:00	79.9	7.25	109.9	1.46	1.346	72.7	78.8	0
2002-06-08 04:00	86.4	6.715	115	1.29	2.307	71.1	83.3	0
2002-06-08 05:00	95.6	4.818	52.67	1.5	2.927	69.43	88.4	0
2002-06-08 06:00	58.7	4.28	46.65	2.124	2.742	69.08	90.6	0
2002-06-08 07:00	70.9	5.032	35.03	1.248	2.393	68.84	92.2	0
2002-06-08 08:00	86.3	5.098	51.27	1.482	-0.002	72.4	87.3	0
2002-06-08 09:00	103.6	4.647	109	2.337	-1.331	77.7	79.1	0
2002-06-08 10:00	104.6	4.968	99.5	3.383	-1.31	82.2	71.1	0
2002-06-08 11:00	128.2	5.137	137.5	3.298	-1.457	85.4	65.24	0
2002-06-08 12:00	126.9	4.908	126.4	3.368	-1.449	87.2	62.14	0
2002-06-08 13:00	173.8	3.994	195.3	2.934	-1.617	87.9	64	0
2002-06-08 14:00	286	3.575	279.4	3.367	-1.115	87.6	65.57	0

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2002-06-08 15:00	308.5	4.124	302.4	3.101	-1.061	87.6	67.39	0
2002-06-08 16:00	216	8.43	214.6	5.521	-1.19	84	66.38	0
2002-06-08 17:00	121.6	5.345	123.4	2.94	-1.115	83.8	63.97	0
2002-06-08 18:00	87.9	5.987	72.9	3.265	-0.629	83.2	70.3	0
2002-06-08 19:00	87.2	9.49	64.18	4.618	-0.853	80.7	77.1	0
2002-06-08 20:00	130.5	11.3	134	5.739	-0.851	79.5	77.7	NaN
2002-06-08 21:00	168	9.03	163	4.832	-0.85	74.6	90.9	NaN
2002-06-08 22:00	182.9	7.22	208.5	3.493	-0.393	73.5	94.9	NaN
2002-06-08 23:00	134.8	8.88	132.7	3.081	-0.108	73.2	94.7	NaN
2002-06-09 00:00	114	8.45	63.13	2.541	-0.397	72.9	95.5	NaN
2002-06-09 01:00	136.9	5.94	173.3	2.043	0.012	72.8	96.2	NaN
2002-06-09 02:00	96.7	6.139	45.13	2.662	-0.396	72.6	97.1	NaN
2002-06-09 03:00	105.8	5.96	87	2.21	-0.677	72.7	97.6	NaN
2002-06-09 04:00	118.3	9.89	84.3	2.777	-0.564	72.7	97.5	NaN
2002-06-09 05:00	118.9	9.4	75.8	2.865	-0.533	72.2	95.6	NaN
2002-06-09 06:00	110.7	5.997	41	1.935	-0.69	71.8	96.1	NaN
2002-06-09 07:00	113.9	7.41	130.6	2.343	-0.771	71.9	96.9	NaN
2002-06-09 08:00	118.8	9.08	122.4	3.154	-1.016	73	97	NaN
2002-06-09 09:00	120.7	9.87	136.2	4.212	-1.224	74.9	94.5	NaN
2002-06-09 10:00	123.2	7.85	132.7	3.975	-1.413	76.7	91.8	NaN
2002-06-09 11:00	122.9	9.04	137.8	4.871	-1.587	79.2	85.5	NaN
2002-06-09 12:00	111.9	8.39	117.7	4.431	-1.477	80.4	82.5	0
2002-06-09 13:00	112.3	8.12	103.8	4.377	-1.563	82.2	78.6	0
2002-06-09 14:00	120	8.57	129.6	5.004	-1.721	83.7	74	0
2002-06-09 15:00	132	9.84	146.2	6.086	-1.891	85.8	67.11	0
2002-06-09 16:00	122.4	8.2	132.8	4.979	-1.786	87.1	63.95	0
2002-06-09 17:00	122.1	7.04	112.2	4.008	-1.403	87.3	63.45	0
2002-06-09 18:00	107.5	4.55	82	2.287	-0.77	86.3	67.67	0
2002-06-09 19:00	151.8	12.53	151.3	6.27	-0.447	82.8	72.8	0
2002-06-09 20:00	116	10.1	94	3.834	-1.084	74.4	89.4	NaN
2002-06-09 21:00	109	8.69	80.6	3.097	-0.804	73.7	94.1	NaN
2002-06-09 22:00	123.1	9.93	137	3.529	-0.719	74	94.5	NaN
2002-06-09 23:00	129.4	9.15	143.7	3.438	-0.737	74	94.7	NaN
2002-06-10 00:00	118.4	7.83	105.4	2.529	-0.746	73.8	95.3	NaN
2002-06-10 01:00	118.7	7.74	134.2	2.196	-0.76	73.5	95.9	NaN
2002-06-10 02:00	116.8	8.21	124	2.67	-0.742	73.6	96.4	NaN
2002-06-10 03:00	115.9	8.14	98.4	2.064	-0.8	73.6	96.5	NaN
2002-06-10 04:00	115.3	8.91	114.3	2.478	-0.838	73.5	97.2	NaN
2002-06-10 05:00	122.9	8.63	131.5	2.837	-0.852	73.7	97.4	NaN
2002-06-10 06:00	118.6	8.78	131	2.816	-0.888	73.6	97.7	NaN
2002-06-10 07:00	122.3	9.07	138.1	3.233	-0.936	73.6	97.6	NaN
2002-06-10 08:00	123.4	9.73	133.3	3.828	-1.139	74.4	96.7	NaN
2002-06-10 09:00	122.4	7.84	129.3	3.541	-1.238	75.6	93.3	NaN
2002-06-10 10:00	126.7	7.31	127.5	3.57	-1.263	76.9	88.7	NaN
2002-06-10 11:00	130	7.13	135.3	3.28	-1.17	77.7	85.7	0
2002-06-10 12:00	121.7	5.962	121.4	3.117	-1.391	79.4	82.9	0
2002-06-10 13:00	133.4	9.65	144.1	5.206	-1.555	81.5	73.6	0
2002-06-10 14:00	128.4	10.35	138.4	5.993	-1.868	83.9	67.76	0
2002-06-10 15:00	131.7	9.11	141.3	5.476	-1.795	85.2	62.36	0
2002-06-10 16:00	157.6	6.673	160.2	4.506	-1.67	86.5	58.88	0
2002-06-10 17:00	157.3	6.443	171.2	3.964	-1.436	87.2	56.52	0
2002-06-10 18:00	152.9	4.912	175.8	2.3	-0.883	86.5	60.93	0
2002-06-10 19:00	202	6.254	199.7	2.959	-0.481	83.5	69.59	0
2002-06-10 20:00	91.7	4.008	62.69	2.843	-0.048	76.8	88.9	NaN
2002-06-10 21:00	97.1	2.193	68.07	2.017	2.951	74.4	92.7	NaN
2002-06-10 22:00	96.5	5.658	99.5	2.059	1.956	74.1	93	NaN

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2002-06-10 23:00	115.5	6.618	131.3	2.061	0.427	73.1	93.4	NaN
2002-06-11 00:00	120.1	5.925	142.7	1.617	-0.166	72.2	93.6	NaN
2002-06-11 01:00	144.1	6.961	162.4	2.324	0.146	71.9	94.2	NaN
2002-06-11 02:00	132.2	9.26	123.4	2.503	0.398	71.7	93.3	NaN
2002-06-11 03:00	121.2	9.44	86.4	3.131	0.328	70.9	94.9	NaN
2002-06-11 04:00	112.9	9.21	60.1	2.859	-0.012	70.5	96.6	NaN
2002-06-11 05:00	112	9.8	79.2	3.437	-0.225	70.3	97.5	NaN
2002-06-11 06:00	116.4	10.49	84.1	3.056	-0.154	70.2	98.1	NaN
2002-06-11 07:00	120.9	9.53	104.5	3.419	-0.208	70.5	98.6	NaN
2002-06-11 08:00	119.1	7.41	108.9	3.083	-0.798	71.4	98.7	NaN
2002-06-11 09:00	122.5	4.712	126.6	2.608	-1.154	73.2	97.8	NaN
2002-06-11 10:00	110.2	3.446	130	2.435	-1.237	75.2	95.2	NaN
2002-06-11 11:00	81.7	2.311	61.21	2.124	-1.287	77.4	91.1	NaN
2002-06-11 12:00	124.6	4.2	134.1	3.49	-1.435	80.6	76.8	0
2002-06-11 13:00	154.6	4.801	167.3	3.737	-1.653	83.5	65.5	0
2002-06-11 14:00	194.2	4.142	223.5	3.113	-1.334	84.3	62.26	0
2002-06-11 15:00	289.1	3.245	294.8	2.425	-0.902	83.6	65.16	0
2002-06-11 16:00	310.6	2.598	335.6	2.484	-1.097	85.7	60.23	0
2002-06-11 17:00	325.9	4.077	337.7	3.512	-1.42	86.4	59.94	0
2002-06-11 18:00	347.3	5.129	338.2	3.849	-1.224	86.1	60.44	0
2002-06-11 19:00	350.2	4.644	342.8	2.977	-0.888	85.4	63.58	0
2002-06-11 20:00	330	4.487	12.5	1.646	1.35	82.7	75.3	0
2002-06-11 21:00	3.805	5.081	53.78	1.611	5.259	78.8	83.1	0
2002-06-11 22:00	19.14	5.616	61.76	1.374	6.727	76.9	87	0
2002-06-11 23:00	40.05	6.008	84.4	1.014	6.808	76	88.4	0
2002-06-12 00:00	135.2	7.05	119.8	2.258	4.154	75.8	91.6	0
2002-06-12 01:00	165.8	6.678	81.4	1.649	4.627	75.1	93.2	0
2002-06-12 02:00	178.9	6.309	61.14	1.436	1.579	75.9	87.4	0
2002-06-12 03:00	173.1	6.043	147.3	1.886	0.218	76.1	86	0
2002-06-12 04:00	175.7	5.963	154.8	2.014	-0.06	75.5	88.4	0
2002-06-12 05:00	181.3	6.573	167.3	2.468	-0.168	75	90.5	0
2002-06-12 06:00	186.9	6.31	158.7	2.088	0.093	74.5	92.1	0
2002-06-12 07:00	179.1	6.367	158	2.403	-0.062	74.4	92.1	0
2002-06-12 08:00	196.3	4.45	193.9	2.462	-0.876	76.3	88.4	0
2002-06-12 09:00	198.7	3.879	201.5	2.901	-1.248	78.4	85.3	0
2002-06-12 10:00	228.3	5.233	227.2	4.155	-1.634	80.8	79.9	0
2002-06-12 11:00	260.2	5.338	257.4	4.259	-1.643	82.5	74.7	0
2002-06-12 12:00	271.5	4.231	273	3.868	-1.448	83.8	69.22	0
2002-06-12 13:00	275.9	4.629	265.9	3.819	-1.811	86	63.02	0
2002-06-12 14:00	281.1	4.141	270.4	3.396	-1.461	86.3	61.54	0
2002-06-12 15:00	259.8	5.052	249.9	3.722	-1.448	87.3	58.55	0
2002-06-12 16:00	267.2	4.746	257.2	3.622	-1.433	88.1	56.18	0
2002-06-12 17:00	281.4	4.449	278.6	3.407	-1.415	88.6	56.77	0
2002-06-12 18:00	290	3.623	306.2	2.643	-1.326	88.6	58.78	0
2002-06-12 19:00	328.5	3.597	341.3	2.665	-0.819	87.7	59.94	0
2002-06-12 20:00	345.2	3.661	26.71	1.704	2.423	84	76.5	0
2002-06-12 21:00	21.93	5.57	50.78	1.999	5.153	81	79.6	0
2002-06-12 22:00	62.46	4.618	71.2	1.087	7.75	78.1	85.4	0
2002-06-12 23:00	89.5	3.883	62.45	1.572	9.05	76.5	91.2	0
2002-06-13 00:00	132.7	7.96	136.4	2.621	3.481	76.9	93.1	0
2002-06-13 01:00	147.9	7.87	99.7	2.795	2.747	78.2	83.4	0
2002-06-13 02:00	156	6.239	95.3	1.072	3.158	75.2	92.1	0
2002-06-13 03:00	192.1	6.288	110.1	1.226	2.963	75.2	90.5	0
2002-06-13 04:00	189.8	6.006	71.5	1.345	4.363	73.8	92.5	0
2002-06-13 05:00	221.6	5.187	68.79	1.285	2.843	73.9	91.6	0
2002-06-13 06:00	229	5.394	72.1	1.106	2.186	73.8	90.3	0

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2002-06-13 07:00	232.5	5.748	181.3	1.358	0.456	74.7	89.7	0
2002-06-13 08:00	238.3	5	210.1	2.025	-0.809	76	90.3	0
2002-06-13 09:00	261.1	3.635	248.4	2.511	-1.507	79.6	82.3	0
2002-06-13 10:00	230.2	3.274	226.9	2.913	-1.478	81.5	76.4	0
2002-06-13 11:00	250	3.714	250.5	3.222	-1.507	83.3	72	0
2002-06-13 12:00	265.7	4.292	255.5	3.377	-1.586	85.4	64.6	0
2002-06-13 13:00	260.4	5.471	247.5	4.024	-1.777	87.4	59.76	0
2002-06-13 14:00	255.3	7.22	247.4	4.802	-1.802	88.4	60.41	0
2002-06-13 15:00	264.5	7.14	253.4	4.97	-1.729	89.1	57.29	0
2002-06-13 16:00	246.3	7.86	242.6	4.892	-1.779	89.3	58.32	0
2002-06-13 17:00	243.8	8.47	244.3	4.702	-1.531	89.2	57.32	0
2002-06-13 18:00	224	7.45	224.6	4.813	-1.211	89.5	51.54	0
2002-06-13 19:00	220.9	6.436	217.7	3.618	-0.899	89	54.91	0
2002-06-13 20:00	211	6.745	177.6	1.694	0.693	86.2	60.87	0
2002-06-13 21:00	205.4	6.7	80.1	1.3	2.254	83.1	66.89	0
2002-06-13 22:00	218.4	6.229	64.86	1.022	3.027	80.7	73.7	0
2002-06-13 23:00	175.9	6.425	101.2	1.258	4.324	78.9	79.7	0
2002-06-14 00:00	183.2	6.037	76.4	1.328	4.63	77.8	81.6	0
2002-06-14 01:00	312.6	5.832	332.4	1.723	0.809	79.9	78.8	0
2002-06-14 02:00	306.8	2.845	55.6	1.532	1.558	77.9	84.4	0
2002-06-14 03:00	325.8	3.2	66.83	1.063	1.466	76.8	89.5	0
2002-06-14 04:00	98.6	2.073	114.6	1.028	1.358	75.9	92.8	0
2002-06-14 05:00	241.2	3.819	113.6	0.941	0.665	75.7	94.6	0
2002-06-14 06:00	262.9	5.204	282.6	1.19	0.77	75.3	96.3	0
2002-06-14 07:00	331.3	7.36	336.5	3.13	-0.484	75.7	95.8	0
2002-06-14 08:00	336.6	7.34	342.6	4.095	-1.134	76.2	87.8	0
2002-06-14 09:00	324.3	6.026	320	3.756	-1.493	77.7	81.6	0
2002-06-14 10:00	343.5	8.04	354.6	5.675	-1.802	79.3	78.1	0
2002-06-14 11:00	341.8	9.56	353.3	6.764	-1.772	80.8	74.8	0
2002-06-14 12:00	345.4	9.98	350.9	7.18	-1.891	81.8	71.5	0
2002-06-14 13:00	343.4	8.58	348.4	6.034	-1.671	82.1	69.83	0
2002-06-14 14:00	353.3	11.48	355.8	8.13	-1.594	81.3	73.1	0
2002-06-14 15:00	344.9	11.84	352.4	8.15	-1.72	82.2	66.93	0
2002-06-14 16:00	349.8	11.16	357.1	7.86	-1.515	82.5	66.63	0
2002-06-14 17:00	343.6	13.27	348.7	8.02	-1.413	83	56.06	0
2002-06-14 18:00	343.9	10.42	348	6.814	-1.25	83.1	50.81	0
2002-06-14 19:00	2.11	8.29	7.31	5.448	-0.939	82.7	46.74	0
2002-06-14 20:00	14.92	7.48	24.18	3.734	0.07	80.7	51.11	0
2002-06-14 21:00	18.51	6.074	60.3	1.958	4.339	75	65.74	0
2002-06-14 22:00	11.21	6.351	69.92	1.301	5.504	72.6	70.3	0
2002-06-14 23:00	40.82	5.928	62.55	1.461	6.754	70.5	75.5	0
2002-06-15 00:00	50.22	8.22	55.34	2.753	7.54	69.23	76.9	NaN
2002-06-15 01:00	75.3	7.88	87.5	1.262	8.1	66.8	84.4	NaN
2002-06-15 02:00	111.8	6.094	98.5	2.09	6.896	65.61	89.8	NaN
2002-06-15 03:00	141.9	5.444	74	1.507	8.13	64.33	93.3	NaN
2002-06-15 04:00	218.3	2.783	61.65	1.598	7.36	64.28	92.1	NaN
2002-06-15 05:00	300.9	4.417	50.66	1.594	5.585	64.24	93.6	NaN
2002-06-15 06:00	333.5	7.56	7.19	3.022	1.944	67.83	95.8	NaN
2002-06-15 07:00	3.934	7.95	28.07	3.408	1.082	67.67	90.7	NaN
2002-06-15 08:00	12.66	8.24	20.79	4.705	-0.319	69.37	79.3	0
2002-06-15 09:00	33.62	7.66	28.43	5.868	-1.255	71.8	70.7	0
2002-06-15 10:00	58.82	7.39	50.65	5.829	-1.404	74.4	58.97	0
2002-06-15 11:00	38.42	5.952	32.85	5.112	-1.616	76.7	53.13	0
2002-06-15 12:00	341.5	6.014	343.1	5.051	-1.807	78.5	50.35	0
2002-06-15 13:00	326.8	6.162	323.7	4.942	-1.92	79.4	46.05	0
2002-06-15 14:00	343	6.626	344.7	5.272	-1.805	80	44.98	0

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2002-06-15 15:00	349.4	5.377	358.3	4.642	-1.624	80.9	44.1	0
2002-06-15 16:00	357.3	7.07	2.789	6.06	-1.6	82	42.26	0
2002-06-15 17:00	355.6	6.624	356.5	5.153	-1.512	82.4	42.08	0
2002-06-15 18:00	25.77	6.488	27.52	5.309	-1.434	82.4	42.69	0
2002-06-15 19:00	60.24	5.932	57.03	3.79	-1.142	81.5	46.54	0
2002-06-15 20:00	84.9	5.384	88.4	1.513	0.76	78.7	55.74	0
2002-06-15 21:00	102.5	6.45	80.6	1.737	3.295	75.1	61.82	0
2002-06-15 22:00	96.3	8.6	58.04	2.6	3.948	74.4	62.03	0
2002-06-15 23:00	98.2	7.78	97.4	1.713	5.516	71.9	66.61	0
2002-06-16 00:00	95.8	10.33	56.76	2.93	4.4	71.2	68.61	0
2002-06-16 01:00	95.2	11.15	56.48	2.977	2.179	71.1	62.68	0
2002-06-16 02:00	99.4	9.73	56.08	2.95	1.871	69.17	65.43	0
2002-06-16 03:00	101.9	10.6	61.11	2.875	2.871	66.92	73.3	0
2002-06-16 04:00	103.9	11.1	57.63	3.733	1.987	65.89	75.9	0
2002-06-16 05:00	106	10.62	56.61	3.453	1.486	64.83	77.6	0
2002-06-16 06:00	108.2	10.19	57.01	2.917	1.308	63.76	79.9	0
2002-06-16 07:00	116	8.63	157	2.372	0.444	63.55	81	0
2002-06-16 08:00	119.7	7.91	133	2.202	-0.568	65.8	75.9	0
2002-06-16 09:00	133.1	6.98	129	3.422	-0.94	68.95	71.2	0
2002-06-16 10:00	121.3	8.82	95.6	3.592	-0.97	71.4	68.3	0
2002-06-16 11:00	112.8	8.53	100.8	3.006	-1.099	72.1	69.37	0
2002-06-16 12:00	76.8	6.751	62.74	3.696	-0.721	71.6	77.4	NaN
2002-06-16 13:00	47.54	9.31	41.05	6.493	-0.992	69.27	87.9	NaN
2002-06-16 14:00	59.5	10.12	53.32	6.535	-0.994	67.81	92.2	NaN
2002-06-16 15:00	60.78	9.78	47.34	7.09	-1.141	67.53	94.5	NaN
2002-06-16 16:00	47.09	12.29	41.75	9.14	-1.195	66.9	91.6	NaN
2002-06-16 17:00	67.31	8.22	51.63	5.316	-1.092	66.24	89.3	NaN
2002-06-16 18:00	70.4	6.975	51.52	4.205	-1.076	66.75	87.8	NaN
2002-06-16 19:00	82.1	6.052	54.78	3.356	-1.021	67.26	87.5	NaN
2002-06-16 20:00	59.28	6.122	41.4	3.57	-0.823	66.98	90.3	NaN
2002-06-16 21:00	50.86	8.14	40.96	4.861	-0.766	66.82	92.6	NaN
2002-06-16 22:00	47.37	8.49	40.92	5.017	-0.782	66.83	92.9	NaN
2002-06-16 23:00	60.9	8.73	46.85	5.426	-0.856	66.91	91.3	NaN
2002-06-17 00:00	74.2	7.9	59.25	4.143	-0.837	66.76	91.6	NaN
2002-06-17 01:00	73.3	7.22	50.06	3.571	-0.706	66.05	91.4	NaN
2002-06-17 02:00	78.9	5.088	65.2	1.798	-0.571	64.84	94.2	NaN
2002-06-17 03:00	71.9	5.141	59.75	1.25	-0.029	63.72	96.7	NaN
2002-06-17 04:00	70.7	5.569	48.15	1.686	-0.096	63.7	97.3	NaN
2002-06-17 05:00	61.81	7.65	39.57	2.981	0.375	64.82	93.4	NaN
2002-06-17 06:00	40.58	6.458	38.94	2.85	-0.24	65.15	89.8	NaN
2002-06-17 07:00	43.39	7.4	34.86	4.019	-0.598	65.48	89.7	NaN
2002-06-17 08:00	86	6.378	70.2	2.72	-0.639	66.49	85.6	NaN
2002-06-17 09:00	63.35	5.587	43.19	3.653	-1.17	68.66	79.5	0
2002-06-17 10:00	56.38	7.4	45.35	5.824	-1.474	71.7	72	0
2002-06-17 11:00	47.96	8.26	43.26	6.652	-1.569	74.1	66.73	0
2002-06-17 12:00	49.85	8.17	34.88	6.962	-1.524	76.6	60.54	0
2002-06-17 13:00	52.82	7.48	38.81	6.338	-1.584	78.2	56.65	0
2002-06-17 14:00	66.66	7.04	53.9	5.621	-1.522	79.7	54.09	0
2002-06-17 15:00	61.34	6.378	48.99	5.095	-1.403	80.5	53.57	0
2002-06-17 16:00	47.75	7.32	39.43	5.548	-1.522	81.2	51.91	0
2002-06-17 17:00	21.38	7.2	18.72	5.681	-1.416	81.1	52.66	0
2002-06-17 18:00	8.25	6.681	8.34	5.098	-1.426	81.8	51.79	0
2002-06-17 19:00	21.01	6.51	18.91	5.224	-1.079	81.2	52.05	0
2002-06-17 20:00	16.3	6.127	21.01	3.156	0.124	79.4	57.3	0
2002-06-17 21:00	24.6	6.932	53.48	2.112	3.085	75.6	66.18	0
2002-06-17 22:00	28.28	8.2	41.43	2.997	4.143	74.1	69.31	0

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2002-06-17 23:00	42.86	9.34	34.75	3.095	4.69	72.9	70.4	0
2002-06-18 00:00	53.96	8.15	70.9	1.66	5.927	70.2	76.8	0
2002-06-18 01:00	57.7	10.07	55.3	3.075	2.963	72	69.27	0
2002-06-18 02:00	67.57	9.69	63.76	2.778	2.441	71.1	71.4	0
2002-06-18 03:00	80.9	10.08	83.3	1.997	3.8	69.28	76.7	0
2002-06-18 04:00	97.9	8.86	125.6	2.063	4.353	66.3	84.9	0
2002-06-18 05:00	103.1	8.95	62.38	2.63	3.31	66.24	86.4	0
2002-06-18 06:00	97.6	9	88	2.331	3.501	66.12	86	0
2002-06-18 07:00	88.6	8.17	91	1.854	3.765	65.56	87.5	0
2002-06-18 08:00	92.6	9.38	89.8	2.204	0.812	68.6	81.7	0
2002-06-18 09:00	92.3	4.682	85	2.946	-1.169	73.3	75.1	0
2002-06-18 10:00	100.4	4.361	103.4	3.331	-1.659	78.4	67.44	0
2002-06-18 11:00	100.9	6.599	90	4.153	-1.562	81.2	59.24	0
2002-06-18 12:00	84.1	6.522	64.36	5.131	-1.395	82.7	56.44	0
2002-06-18 13:00	79.7	6.223	65.29	5.111	-1.548	84.2	53.88	0
2002-06-18 14:00	50.95	6.621	35.88	5.423	-1.603	85	51.97	0
2002-06-18 15:00	69.82	6.289	54.17	5.042	-1.447	85.9	51.28	0
2002-06-18 16:00	54.39	7.12	48.51	5.73	-1.477	86.4	49.98	0
2002-06-18 17:00	48.04	6.973	41.01	5.449	-1.439	86.6	49.7	0
2002-06-18 18:00	34.85	8.05	30.99	6.189	-1.252	86.4	50.49	0
2002-06-18 19:00	27.75	6.585	20.45	4.454	-0.878	85.5	54.27	0
2002-06-18 20:00	35	6.705	29.27	2.974	0.946	82.9	62.17	0
2002-06-18 21:00	37.52	8.1	35.9	2.867	3.419	79.3	70.1	0
2002-06-18 22:00	52.06	8.93	57.21	2.352	3.956	78	70.9	0
2002-06-18 23:00	108.7	8.22	77.7	2.385	1.684	76.5	75.1	0
2002-06-19 00:00	127.1	5.414	166.6	1.33	1.419	75.3	79.5	0
2002-06-19 01:00	133.3	7.4	120.9	1.784	0.76	74.4	81.6	0
2002-06-19 02:00	125.7	7.12	116.4	1.631	0.124	73.1	85	0
2002-06-19 03:00	129.5	7.85	152.1	1.907	0.143	71.5	89.8	0
2002-06-19 04:00	122.1	6.129	162.3	1.265	-0.013	70.7	92.3	NaN
2002-06-19 05:00	120.3	5.3	182.8	1	0.468	69.98	94.8	NaN
2002-06-19 06:00	130.8	9.59	102.2	3.037	0.589	70.3	95.2	NaN
2002-06-19 07:00	112.2	6.838	117	2.608	-0.357	70.3	95.9	NaN
2002-06-19 08:00	121.2	4.686	163.2	2.644	-1.302	72.9	92.5	NaN
2002-06-19 09:00	134.3	6.397	157.3	4.055	-1.705	76.8	85.1	0
2002-06-19 10:00	142.2	7.04	147	4.916	-1.713	80.4	77.3	0
2002-06-19 11:00	125.9	6.406	129	4.636	-1.654	83.1	70.1	0
2002-06-19 12:00	127.5	7.93	137.7	5.376	-1.752	85.3	62.97	0
2002-06-19 13:00	132.2	7.13	128.7	5.402	-1.651	87.1	54.47	0
2002-06-19 14:00	91.3	5.309	70.5	4.091	-1.385	87	56.43	0
2002-06-19 15:00	28.54	4.094	356.8	3.343	-0.907	86	64.18	0
2002-06-19 16:00	5.559	6.323	358.3	4.568	-0.876	86.5	61.93	0
2002-06-19 17:00	41.23	7.88	18.28	5.18	-1.017	86.6	60.15	0
2002-06-19 18:00	130.3	11.09	121.7	6.236	-1.079	75.6	82.9	NaN
2002-06-19 19:00	133.2	5.185	166	2.575	-0.726	74.6	91.3	NaN
2002-06-19 20:00	129.1	7.36	124.5	2.142	-0.595	75.5	87.8	NaN
2002-06-19 21:00	118.5	7.66	64.37	2.507	0.385	73.3	92.5	NaN
2002-06-19 22:00	111.4	10.07	67.2	3.229	0.123	73.4	93.1	NaN
2002-06-19 23:00	92.3	7.89	60.12	2.91	-0.353	73.6	93.7	NaN
2002-06-20 00:00	108.7	6.899	124.3	1.781	-0.182	72.5	93	NaN
2002-06-20 01:00	113.5	7.01	33.94	2.602	-0.054	71.8	95.4	NaN
2002-06-20 02:00	105.1	10.05	69.48	3.411	-0.487	71.6	93.8	NaN
2002-06-20 03:00	108.7	10.3	75.5	3.481	-0.704	70.5	93.8	NaN
2002-06-20 04:00	113.9	10.45	79.9	3.014	-0.562	69.88	93.8	NaN
2002-06-20 05:00	116.7	8.19	97.1	1.808	-0.51	69.47	93.7	NaN
2002-06-20 06:00	118.1	4.154	226.6	1.2	-0.638	68.96	94.7	NaN

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2002-06-20 07:00	97	5.773	114.7	1.758	-0.632	69.43	94.9	NaN
2002-06-20 08:00	106.1	5.916	131.7	2.887	-1.256	72.4	90.6	NaN
2002-06-20 09:00	116.4	6.851	125.1	3.713	-1.459	75.4	86.8	0
2002-06-20 10:00	123.3	3.963	154.7	3.361	-1.713	79.7	81.6	0
2002-06-20 11:00	87	4.346	54.06	3.861	-1.328	82.5	72.6	0
2002-06-20 12:00	57.23	5.09	50.98	4.356	-1.607	84.3	65.09	0
2002-06-20 13:00	60.45	6.838	44.56	5.325	-1.728	86	60.61	0
2002-06-20 14:00	58.52	9.45	50.37	7.32	-1.546	86.4	59.82	0
2002-06-20 15:00	63.17	8.08	50.25	6.275	-1.621	87.5	56.96	0
2002-06-20 16:00	59.6	9.35	45.26	6.655	-1.585	88.6	53.35	0
2002-06-20 17:00	70	8.38	50.12	6.272	-1.48	89.3	52.4	0
2002-06-20 18:00	62.3	8.64	48.85	6.233	-1.292	89.2	53.03	0
2002-06-20 19:00	58.86	5.663	41.49	4.339	-1.075	88.7	55.75	0
2002-06-20 20:00	42.65	6.296	32.17	3.196	0.618	86.2	62.71	0
2002-06-20 21:00	99.4	9.92	114.5	4.995	0.856	83	68.47	0
2002-06-20 22:00	174.3	9.25	175	5.628	-0.91	75.4	81.3	0
2002-06-20 23:00	9.48	4.783	29.46	3.2	-0.351	74.2	84.6	0
2002-06-21 00:00	106.6	5.324	80.1	2.331	0.767	73.2	87.7	0
2002-06-21 01:00	93.5	9.92	82.2	2.996	0.817	72.4	87.9	0
2002-06-21 02:00	113.6	5.988	105.2	1.922	-0.536	70.6	91.1	NaN
2002-06-21 03:00	118.8	5.224	78.3	1.578	-0.306	69.34	94.3	NaN
2002-06-21 04:00	77.1	4.504	43.35	1.759	1.205	68.46	96.2	NaN
2002-06-21 05:00	46.29	7.93	39.48	2.535	1.68	68.98	96.3	NaN
2002-06-21 06:00	48.48	6.929	32.49	1.741	1.361	68.99	94.6	NaN
2002-06-21 07:00	51.25	4.941	174.2	1.099	1.322	69.05	94.4	NaN
2002-06-21 08:00	47.47	5.145	30.1	1.749	0.005	71.9	89	0
2002-06-21 09:00	55.19	6.974	43.46	4.545	-0.901	75.8	79.3	0
2002-06-21 10:00	84.9	6.709	61.59	4.383	-1.404	80.3	68.65	0
2002-06-21 11:00	100.5	7.63	66.72	5.095	-1.357	83.2	58.23	0
2002-06-21 12:00	94.1	8.67	73.8	5.17	-1.531	85.3	52.13	0
2002-06-21 13:00	79.3	7.3	55.43	5.694	-1.576	86.7	48.53	0
2002-06-21 14:00	50.64	9.15	40.04	7.47	-1.563	87.6	44.24	0
2002-06-21 15:00	51.28	11.99	41.12	8.97	-1.548	88.1	42.9	0
2002-06-21 16:00	58.3	11.88	47.15	8.8	-1.395	88.6	40.48	0
2002-06-21 17:00	57.78	12.3	46.42	8.34	-1.275	88.9	37.02	0
2002-06-21 18:00	50.36	10.28	43.51	7.24	-1.148	88.8	37.42	0
2002-06-21 19:00	49.11	7.13	39.09	4.259	-0.552	87.5	42.64	0
2002-06-21 20:00	34.77	6.6	37.25	2.463	2.671	83.1	57.61	0
2002-06-21 21:00	46.2	8.66	35.42	2.832	3.839	79.9	61	0
2002-06-21 22:00	50.28	10.46	40.45	3.745	3.49	79	59.18	0
2002-06-21 23:00	64.88	9.38	61.73	2.85	2.288	78.5	56.83	0
2002-06-22 00:00	66.69	9.54	52.7	2.958	2.779	76.3	61.84	0
2002-06-22 01:00	72.2	10.29	56.18	3.345	1.726	76.2	58.92	0
2002-06-22 02:00	77.6	8.54	73.4	2.145	2.063	74.1	61.09	0
2002-06-22 03:00	80.6	9.53	79.4	1.97	3.198	71.8	67.43	0
2002-06-22 04:00	82.5	8.75	74.9	1.465	4.72	69.02	74.3	0
2002-06-22 05:00	68.69	7.04	87.1	1.187	6.875	65.94	83.6	0
2002-06-22 06:00	81.9	8.45	110	1.523	7.57	64.7	86.7	0
2002-06-22 07:00	87.1	9.68	124.8	2.213	8.77	64.11	87.2	0
2002-06-22 08:00	49.8	5.223	39.33	1.264	4.185	67.15	82.4	0
2002-06-22 09:00	40.37	2.73	279	1.796	-0.57	73.8	73.6	0
2002-06-22 10:00	53.47	5.53	49.53	4.325	-1.493	79.1	54.69	0
2002-06-22 11:00	66.03	7.06	45.15	6.074	-1.378	80.6	49.96	0
2002-06-22 12:00	77.1	6.802	68.29	4.678	-1.522	81.9	49	0
2002-06-22 13:00	70.5	8.46	56.36	5.759	-1.497	82.2	46.81	0
2002-06-22 14:00	48.35	7.84	41.45	5.463	-1.034	80.9	48.78	0

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2002-06-22 15:00	17.41	7.02	15.35	4.216	-1.117	80.4	53.06	0
2002-06-22 16:00	29.87	8.56	30.4	6.497	-1.254	81.5	51.98	0
2002-06-22 17:00	32.09	7.06	29.63	4.935	-1.211	81.1	54.48	0
2002-06-22 18:00	19.98	6.637	17.47	4.741	-1.193	81	57.38	0
2002-06-22 19:00	11.69	6.643	6.685	4.717	-1.059	81.1	56.92	0
2002-06-22 20:00	25.47	6.369	22.05	3.253	-0.261	80	55.64	0
2002-06-22 21:00	23.8	6.426	24.98	2.348	1.08	77.5	63.46	0
2002-06-22 22:00	32.52	8.42	23.62	3.847	0.247	77.1	60.85	0
2002-06-22 23:00	50.27	7.58	36.75	2.949	0.836	75.7	63.27	0
2002-06-23 00:00	63.89	7.26	52.23	2.771	0.264	74.8	65.46	0
2002-06-23 01:00	92.3	7.27	50.75	1.983	0.019	73.9	69.16	0
2002-06-23 02:00	79.2	5.936	59.25	1.881	-0.079	72.8	73.4	0
2002-06-23 03:00	60.97	4.092	46.82	1.15	0.397	71.6	77.5	NaN
2002-06-23 04:00	74.6	5.094	65.79	1.945	1.344	70.2	82.5	NaN
2002-06-23 05:00	66.64	6.501	76.7	1.831	0.247	70.1	82.9	NaN
2002-06-23 06:00	77.8	4.589	79.4	1.516	-0.845	70.2	84	NaN
2002-06-23 07:00	102.1	3.174	80.8	1.233	-0.908	69.94	86.2	NaN
2002-06-23 08:00	82.5	2.358	54.46	1.608	-1.123	70.2	87.1	NaN
2002-06-23 09:00	76.4	4.158	55.62	2.953	-1.27	71.3	85.8	NaN
2002-06-23 10:00	72.3	5.141	55.31	3.764	-1.259	71.9	85	NaN
2002-06-23 11:00	59.62	5.13	46.72	4.42	-1.277	72.6	83.4	NaN
2002-06-23 12:00	82.8	3.777	65.47	2.766	-1.303	73.6	80.9	NaN
2002-06-23 13:00	68.48	4.28	54.84	3.206	-1.364	74.4	79.7	NaN
2002-06-23 14:00	82.7	4.691	51.8	4.006	-1.224	75	78.3	NaN
2002-06-23 15:00	105.6	4.641	107.7	3.591	-1.447	76.7	74.8	NaN
2002-06-23 16:00	78.4	4.178	74	3.676	-1.542	78.5	69.69	NaN
2002-06-23 17:00	329.4	4.822	329.8	3.636	-1.591	78.9	72.3	NaN
2002-06-23 18:00	319.6	5.202	324.9	4.194	-1.645	79.5	71	NaN
2002-06-23 19:00	321.8	4.727	324.6	2.667	-0.943	79	72.2	NaN
2002-06-23 20:00	105.4	9.86	84.5	4.644	-0.694	71.4	89.3	NaN
2002-06-23 21:00	108.4	5.792	104	2.498	-0.394	69.55	94.4	NaN
2002-06-23 22:00	98.1	4.598	72	2.065	0.928	69.03	96.4	NaN
2002-06-23 23:00	124	3.538	98.7	1.516	0.774	68.73	97.6	NaN
2002-06-24 00:00	97.9	7.15	80.2	2.161	1.504	68.56	98.1	NaN
2002-06-24 01:00	104.6	6.851	80.4	1.501	0.861	68.34	98.2	NaN
2002-06-24 02:00	105.1	7.87	70.9	2.254	0.214	68.29	98.5	NaN
2002-06-24 03:00	113.3	7.54	80.5	1.862	-0.213	68.49	98.4	NaN
2002-06-24 04:00	106.9	7.92	60.9	2.632	-0.468	68.58	98.6	NaN
2002-06-24 05:00	108.8	6.198	90.2	1.949	-0.608	68.59	99	NaN
2002-06-24 06:00	105.8	5.889	78.5	2.193	-0.658	68.72	99.4	NaN
2002-06-24 07:00	102.9	6.604	72	2.371	-0.758	69.4	99.6	NaN
2002-06-24 08:00	105.8	6.045	72.8	2.06	-1.001	70.4	99.7	NaN
2002-06-24 09:00	108.7	4.592	109.7	2.317	-1.36	72.5	99	NaN
2002-06-24 10:00	124.3	5.362	142.7	3.814	-1.564	76.4	88	0
2002-06-24 11:00	124.3	5.511	128	3.653	-1.553	78.7	78.9	0
2002-06-24 12:00	128.6	6.069	133.4	4.088	-1.56	79.7	75.8	0
2002-06-24 13:00	116.4	6.453	106.7	4.371	-1.774	82.6	66.89	0
2002-06-24 14:00	92.3	5.213	73.4	4.006	-1.432	83.3	65.17	0
2002-06-24 15:00	181.4	6.284	191.2	3.389	-0.412	81.2	71	NaN
2002-06-24 16:00	280	2.996	15.04	1.637	0.056	78.3	83.9	NaN
2002-06-24 17:00	235.5	8.08	231	5.161	-1.331	79.8	74.4	NaN
2002-06-24 18:00	320	4.393	29.16	3.15	0.389	69.56	90.9	NaN
2002-06-24 19:00	30.44	8.47	44.32	4.571	0.083	70.4	94.1	NaN
2002-06-24 20:00	45.13	7.75	44.17	3.358	0.614	71	94.1	NaN
2002-06-24 21:00	52.58	9.84	58.36	4.443	0.214	70.8	94.3	NaN
2002-06-24 22:00	70.1	6.988	99.4	1.675	0.65	69.53	94.7	NaN

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2002-06-24 23:00	87.4	7.48	91.1	2.033	0.314	69.18	95.8	NaN
2002-06-25 00:00	85.7	8.79	76.6	2.235	-0.124	69.69	96.6	NaN
2002-06-25 01:00	107.9	6.877	102.4	1.443	-0.061	69.2	96.8	NaN
2002-06-25 02:00	110.3	7.95	66.48	1.96	-0.128	69.25	98	NaN
2002-06-25 03:00	111.4	7.62	78.7	1.488	-0.203	69.28	98.3	NaN
2002-06-25 04:00	111.1	8.24	96.1	1.844	0.025	69.57	98.4	NaN
2002-06-25 05:00	110.6	8.97	65.61	2.299	-0.05	69.34	98	NaN
2002-06-25 06:00	115.3	9.63	71.4	2.774	0.476	69.49	97.5	NaN
2002-06-25 07:00	110.3	7.87	81.1	2.731	-0.379	69.8	96.5	NaN
2002-06-25 08:00	115.9	6.088	117.3	2.414	-0.979	71.2	94.9	NaN
2002-06-25 09:00	124.8	5.121	131.5	2.801	-1.257	73.5	91.4	NaN
2002-06-25 10:00	147.2	3.707	171.4	3.193	-1.477	78.2	82.5	NaN
2002-06-25 11:00	211.2	3.587	218.4	2.841	-1.294	80.5	75.1	NaN
2002-06-25 12:00	154.7	4.619	168	2.889	-1.257	80.7	74.5	NaN
2002-06-25 13:00	172.1	5.719	157.9	2.824	-0.74	75.2	88.8	NaN
2002-06-25 14:00	194.9	4.613	188.4	2.666	-0.968	74.1	91.9	NaN
2002-06-25 15:00	154.6	3.12	167	2.766	-1.576	77.7	82.5	NaN
2002-06-25 16:00	115.4	3.274	132	3.081	-1.702	81.6	70.6	NaN
2002-06-25 17:00	145.5	3.696	174.5	2.52	-1.266	82	69.09	NaN
2002-06-25 18:00	213.4	3.078	216	2.534	-1.318	82.6	69.28	NaN
2002-06-25 19:00	315.3	2.931	10.67	2.328	-0.667	81.3	74.9	NaN
2002-06-25 20:00	76.7	5.281	57.16	2.49	-0.609	81.2	77.7	NaN
2002-06-25 21:00	116.3	14.04	106	5.406	-0.486	72	88.2	NaN
2002-06-25 22:00	127.9	10.37	118	1.94	1.022	70.3	94.5	NaN
2002-06-25 23:00	145.4	9.2	122.6	2.463	0.751	70.4	95.5	NaN
2002-06-26 00:00	125.6	7.92	83.5	2.162	0.256	70.4	96	NaN
2002-06-26 01:00	139	10.86	110	2.798	0.919	70.8	96.8	NaN
2002-06-26 02:00	124.6	8.32	102.1	2.294	-0.24	70.9	96.5	NaN
2002-06-26 03:00	131	7.09	103.3	1.788	-0.028	70.3	97.5	NaN
2002-06-26 04:00	140.7	5.984	95.9	1.619	0.38	69.68	98.3	NaN
2002-06-26 05:00	153.8	6.541	129.8	2.071	0.804	69.26	99	NaN
2002-06-26 06:00	153.3	7.73	125.1	3.09	0.848	69.17	99.5	NaN
2002-06-26 07:00	152.9	7.25	107.9	2.451	1.008	69	99.6	NaN
2002-06-26 08:00	116.7	7.56	112.5	2.733	-0.377	69.95	99.7	NaN
2002-06-26 09:00	123.7	5.826	133.8	3.236	-1.244	72.1	99.7	NaN
2002-06-26 10:00	123.6	5.258	127	2.778	-1.269	74.2	98.5	NaN
2002-06-26 11:00	170.9	6.588	180.6	3.445	-1.073	73.9	96.8	NaN
2002-06-26 12:00	143.8	6.602	152.3	4.637	-1.371	73.8	90.8	NaN
2002-06-26 13:00	139.1	4.585	142.2	3.756	-1.498	77.1	80.6	0
2002-06-26 14:00	147.7	6.672	155	4.323	-1.688	79.9	74.4	0
2002-06-26 15:00	146.2	6.11	150.5	3.771	-1.461	80.7	73.3	0
2002-06-26 16:00	153	5.364	168.1	3.409	-1.668	81.7	71.3	0
2002-06-26 17:00	134.3	8.22	138.8	4.284	-1.273	81.3	72.3	0
2002-06-26 18:00	148.4	8.79	158.5	5.741	-1.621	82.5	67.46	0
2002-06-26 19:00	148	11.17	156.7	6.219	-1.217	80.9	70.3	0
2002-06-26 20:00	151.6	9.64	156.1	4.915	-0.681	78.3	76.3	0
2002-06-26 21:00	166.9	9.36	180.5	5.056	-0.636	76.5	79.4	0
2002-06-26 22:00	168.9	9.82	162.2	4.932	-0.537	74.9	82.6	0
2002-06-26 23:00	133.1	5.688	130.8	1.826	-0.428	72.8	89.1	0
2002-06-27 00:00	134.7	8.66	162.3	3.817	-0.778	71.9	93.1	0
2002-06-27 01:00	154.7	9.87	159	5.404	-0.88	72.3	93.2	0
2002-06-27 02:00	167.5	11.75	160	6.182	-0.632	72.7	92	0
2002-06-27 03:00	173	9.11	175.5	4.982	-0.745	73	91.2	0
2002-06-27 04:00	172.8	7.55	179.1	4.046	-0.772	73	92	0
2002-06-27 05:00	175.4	9.14	183.8	5.156	-0.813	73	92.8	0
2002-06-27 06:00	176.1	7.58	186.9	4.16	-0.78	72.9	93.5	0

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2002-06-27 07:00	156.4	6.075	148.3	2.808	-0.592	72.2	95.3	0
2002-06-27 08:00	156.8	5.335	142.4	2.83	-0.932	73.5	93	0
2002-06-27 09:00	185	6.808	180.5	4.11	-1.174	76	87.3	0
2002-06-27 10:00	236.9	7.33	223.9	4.188	-1.008	74.3	92.9	0.09
2002-06-27 11:00	220.4	12.4	213.4	7.03	-0.878	71.5	95	0.21
2002-06-27 12:00	200.2	8.19	196.4	4.34	-0.897	71.6	93.6	0.03
2002-06-27 13:00	205.2	7.11	206	4.141	-1.008	74.6	86.8	0
2002-06-27 14:00	218.3	12.74	215.7	7.28	-1.013	72.1	93.2	0.08
2002-06-27 15:00	156.9	6.96	191.5	3.631	-1.088	72	94.4	0.03
2002-06-27 16:00	145.4	8.42	161.9	5.094	-1.346	73.8	91.6	0
2002-06-27 17:00	126.1	7.32	132.3	3.794	-1.375	75.3	88.7	0
2002-06-27 18:00	139.7	7.03	151	4.233	-1.327	75.5	87.4	0
2002-06-27 19:00	126.5	8.04	146	3.581	-1.002	73.8	92	0.01
2002-06-27 20:00	121.3	9.68	135.3	3.735	-0.964	72.6	92.7	0
2002-06-27 21:00	120.8	10.06	134.8	3.49	-0.797	71.9	93.6	0
2002-06-27 22:00	123.1	11.64	139.5	4.329	-0.778	71.7	94.7	0
2002-06-27 23:00	126.7	11.22	140.6	4.456	-0.778	71.4	95.3	0
2002-06-28 00:00	135.4	9.2	154.5	3.883	-0.78	71.3	95.5	0
2002-06-28 01:00	146.4	5.363	163.2	2.453	-0.838	71.4	95.1	0
2002-06-28 02:00	150.8	6.232	152.1	2.526	-0.616	71.1	96.1	0
2002-06-28 03:00	173.9	6.34	181.3	3.282	-0.636	71.4	96.3	0
2002-06-28 04:00	166.6	5.851	166	2.37	-0.485	71.2	96.1	0
2002-06-28 05:00	122.2	5.192	108.9	1.56	-0.681	70.8	97.2	0
2002-06-28 06:00	128.8	5.342	152.4	2.184	-0.862	71.1	97.6	0
2002-06-28 07:00	125.2	6.425	118	2.206	-0.828	71	97.9	0.01
2002-06-28 08:00	127.8	6.498	142.6	2.684	-0.942	71.9	98.1	0.01
2002-06-28 09:00	170.7	9.18	172.2	5.349	-0.965	74.1	94.5	0.04
2002-06-28 10:00	232.2	12.8	226.4	7.08	-0.748	72.3	94.8	0.26
2002-06-28 11:00	211.6	8.19	204.9	4.043	-0.753	70.5	96.5	0.14
2002-06-28 12:00	181.5	7.75	167.8	3.624	-0.721	71.7	96.1	0.05
2002-06-28 13:00	187.2	5.546	202.8	3.752	-1.233	75.7	90.6	0
2002-06-28 14:00	200.1	9.62	204.5	6.491	-1.711	79.7	83	0.01
2002-06-28 15:00	202.9	6.651	204.6	4.88	-1.785	80.9	77.3	0
2002-06-28 16:00	194.8	7.83	193.1	5.383	-1.471	82.6	66.69	0
2002-06-28 17:00	167.7	7.21	169.2	4.382	-1.332	81.8	72	0
2002-06-28 18:00	168.4	6.643	171.6	3.802	-1.09	79.9	76.9	0
2002-06-28 19:00	142.6	7.21	135.7	3.45	-0.785	78.4	83.4	0
2002-06-28 20:00	145.8	7.96	140.8	3.536	-0.553	77.3	86.5	0
2002-06-28 21:00	162.6	10.74	148.9	5.079	-0.388	76.8	85.7	0
2002-06-28 22:00	140.3	7.77	116.7	3.258	-0.51	75.7	87.9	0
2002-06-28 23:00	119.1	5.257	45.28	1.73	-0.405	74.5	91.2	0
2002-06-29 00:00	123.8	6.759	168	2.098	-0.421	73.8	93.1	0
2002-06-29 01:00	130.5	5.936	179.6	2.301	-0.408	73.2	95.7	0
2002-06-29 02:00	134	7.64	134.1	2.567	-0.482	72.9	97	0
2002-06-29 03:00	146.7	7.49	129.7	2.36	-0.075	73.3	95.7	0
2002-06-29 04:00	141.5	10.68	122.3	3.261	0.022	73.4	94	0
2002-06-29 05:00	146.5	7.32	137.3	2.598	-0.185	73.4	92.8	0
2002-06-29 06:00	155.6	6.316	136.7	2.092	-0.09	73.5	93.1	0
2002-06-29 07:00	148.2	7.9	144.7	3.608	-0.296	74.2	92	0
2002-06-29 08:00	158.2	7.2	152.5	3.749	-0.61	74.9	91.8	0
2002-06-29 09:00	150.1	4.828	149.8	2.73	-1.178	76.9	90.1	0
2002-06-29 10:00	119.5	2.449	131.3	1.985	-1.345	79.1	86.9	0
2002-06-29 11:00	241.4	2.289	245.9	2.348	-1.402	81.5	82.6	0
2002-06-29 12:00	267.2	3.768	262.2	2.917	-1.452	83	76.6	0
2002-06-29 13:00	249	3.752	255.7	2.658	-1.399	83.9	73.2	0
2002-06-29 14:00	204.5	2.201	193.9	2.012	-1.575	84.8	74.8	0

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2002-06-29 15:00	201.5	3.375	199.6	3.079	-1.534	85.6	71.8	0
2002-06-29 16:00	297.2	2.87	295	2.413	-1.517	86.1	70.7	0
2002-06-29 17:00	317.7	3.137	311.6	2.677	-1.323	85.6	72	0
2002-06-29 18:00	350.3	3.958	344.6	3.39	-1.267	85.9	70.8	0
2002-06-29 19:00	18.89	4.227	15.76	3.194	-1.127	85.7	72.8	0
2002-06-29 20:00	43.38	6.207	51.54	2.296	1.35	82.5	83.8	0
2002-06-29 21:00	67.46	6.613	79.8	1.549	2.766	80.1	88.6	0
2002-06-29 22:00	82.5	8.56	75.7	1.81	1.956	80.2	87.3	0
2002-06-29 23:00	105.7	7.62	56.76	2.337	1.577	78.3	91	0
2002-06-30 00:00	106.7	6.786	45.37	2.591	0.808	77.9	94	0
2002-06-30 01:00	112.7	8.1	52.79	2.495	0.138	77.4	89.4	0
2002-06-30 02:00	113.1	8.63	75.5	2.368	-0.395	76.1	88.4	0
2002-06-30 03:00	123.8	7.48	115.7	2.625	-0.502	75.1	90.4	0
2002-06-30 04:00	124	9.15	79	2.625	0.195	74.5	92	0
2002-06-30 05:00	124.1	8.87	120.3	2.416	-0.16	74.2	92	0
2002-06-30 06:00	134.3	8.59	102.5	2.586	0.21	74.2	91.5	0
2002-06-30 07:00	151.8	5.79	85.2	1.946	0.767	74.1	92	0
2002-06-30 08:00	145.7	5.336	112.3	2.182	0.138	74.9	90.9	0
2002-06-30 09:00	145.3	3.985	142.6	2.798	-1.175	78.3	84.5	0
2002-06-30 10:00	140.2	2.174	195.9	2.222	-1.325	81.4	80.6	0
2002-06-30 11:00	337.4	2.681	334.2	2.413	-1.504	82.9	78	0
2002-06-30 12:00	323.9	4.286	305.6	3.424	-1.669	83.9	77.9	0
2002-06-30 13:00	42.04	3.961	22.37	3.388	-1.485	85.7	70.5	0
2002-06-30 14:00	87.8	4.49	77.4	3.535	-1.601	87.7	65.09	0
2002-06-30 15:00	59.12	6.465	45.29	5.075	-1.537	88	62.3	0
2002-06-30 16:00	48.54	6.17	36.21	5.136	-1.438	88.3	59.01	0
2002-06-30 17:00	66.32	6.511	55.96	4.683	-1.392	88.7	58.01	0
2002-06-30 18:00	34.44	7.16	26.21	5.322	-1.364	87.9	63.88	0
2002-06-30 19:00	31.12	5.497	35.59	2.802	0.138	85.9	69.97	0
2002-06-30 20:00	13.91	6.039	28.4	2.144	1.674	83.1	80	0
2002-06-30 21:00	16.09	6.816	53.73	1.911	3.317	80.5	83.4	0
2002-06-30 22:00	83.6	5.909	71.9	1.757	2.813	78.8	88.4	0
2002-06-30 23:00	113.4	6.609	45.67	2.208	0.929	78.7	88.8	0
2002-07-01 00:00	147.1	4.306	57.7	1.023	0.886	77.8	86.5	0
2002-07-01 01:00	140.5	5.787	82	1.8	1.194	77.7	83.8	0
2002-07-01 02:00	106.3	2.799	41.55	2.477	3.098	76	87.6	0
2002-07-01 03:00	19	1.986	49.81	1.473	3.915	74.7	91.4	0
2002-07-01 04:00	92.6	3.766	95.1	2.584	3.251	74.7	91.7	0
2002-07-01 05:00	100.9	6.257	94.8	2.296	2.021	74.2	93.4	0
2002-07-01 06:00	100.6	6.28	88.8	2.592	2.841	74.4	91.9	0
2002-07-01 07:00	103.2	5.156	96.6	2.218	1.617	73.6	92.7	0
2002-07-01 08:00	118	5.609	125.9	2.839	-0.925	74.9	91.4	0
2002-07-01 09:00	73.7	3.639	55.96	2.6	-1.151	78.6	83.8	0
2002-07-01 10:00	60.39	4.707	44.31	3.917	-1.397	82.5	70.5	0
2002-07-01 11:00	107.3	4.722	121.9	3.771	-1.655	84.5	67.9	0
2002-07-01 12:00	92.4	4.971	89.1	4.113	-1.521	85.6	64.41	0
2002-07-01 13:00	88	4.296	92.2	3.976	-1.595	87.4	59.51	0
2002-07-01 14:00	64.16	4.545	44.63	3.971	-1.641	88.4	57.48	0
2002-07-01 15:00	107	3.189	140.9	2.771	-1.324	88.7	58.94	0
2002-07-01 16:00	324.8	4.827	314.8	2.809	-0.905	87.6	64.22	0
2002-07-01 17:00	281.2	5.067	265.8	3.111	-1.084	87.2	67.28	0
2002-07-01 18:00	325.9	7.36	42.1	4.062	1.667	78.9	84.5	0.16
2002-07-01 19:00	337.1	2.391	51.49	1.915	5.615	79.2	92.5	0
2002-07-01 20:00	63.65	2.326	69.18	1.621	5.464	79.3	95.9	0
2002-07-01 21:00	82	7.61	96.2	3.325	3.631	78.9	95.4	0
2002-07-01 22:00	134.4	9.69	117.7	3.33	1.043	78.5	88.9	0

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2002-07-01 23:00	134.3	10.1	144.9	3.111	0.09	76.1	83.1	0
2002-07-02 00:00	129.7	12.21	113.2	3.823	0.128	74.8	85.7	0.01
2002-07-02 01:00	128.9	17.13	144.7	8.04	-0.755	74.1	85.5	0
2002-07-02 02:00	152.7	14.87	158.3	7.67	-0.735	72.8	83.2	0
2002-07-02 03:00	205.1	5.933	206.6	2.766	-0.273	72.3	81.7	0
2002-07-02 04:00	215.2	3.354	54.8	2.196	1.232	70.8	88.8	0
2002-07-02 05:00	96	7.79	77.5	2.546	-0.022	69.47	92.1	0
2002-07-02 06:00	112.3	7.62	113.4	2.434	-0.52	69.13	92.2	0
2002-07-02 07:00	135.6	11.02	101.3	3.085	0.314	69.23	92.8	0
2002-07-02 08:00	119.1	9.06	111.4	3.19	-0.686	70.5	91.2	0
2002-07-02 09:00	129.8	5.783	137.1	3.284	-1.471	74.1	85.4	0
2002-07-02 10:00	137.7	4.318	150.4	3.547	-1.539	77.8	80.8	0
2002-07-02 11:00	113.2	3.53	120.2	2.738	-1.406	79	81.4	0
2002-07-02 12:00	104.3	3.837	84.4	2.903	-1.43	80.7	81.4	0
2002-07-02 13:00	148.1	4.025	169	3.213	-1.244	82.7	78.4	0
2002-07-02 14:00	175	4.267	188.6	2.913	-1.207	85.2	71.3	0
2002-07-02 15:00	239.1	6.848	243.7	3.913	-1.179	82.7	77	0
2002-07-02 16:00	247.6	3.67	245.1	2.151	-1.027	80.9	78.1	0
2002-07-02 17:00	250.3	2.941	258.5	2.018	-1.272	81.4	81.6	0
2002-07-02 18:00	269.9	1.997	302.2	1.964	-0.934	81.5	82.4	0
2002-07-02 19:00	343.6	2.904	352.5	2.225	-0.896	81.2	83.8	0
2002-07-02 20:00	303	2.224	74.5	1.277	0.269	80.2	86.9	0
2002-07-02 21:00	144.2	3.562	95.6	1.567	1.224	79.2	88.7	0
2002-07-02 22:00	177	4.889	149.5	1.82	0.795	78.5	88.3	0
2002-07-02 23:00	211.4	4.153	92.7	1.317	0.332	76.9	89.6	0
2002-07-03 00:00	195.8	2.264	64.38	1.407	2.203	75.1	93.4	0
2002-07-03 01:00	166	3.349	98.7	1.544	2.456	74.3	95.6	0
2002-07-03 02:00	179.8	5.072	115.4	1.374	1.718	74.1	96.9	0
2002-07-03 03:00	177.4	4.379	129	1.449	1.575	73.4	97.8	0
2002-07-03 04:00	210.5	5.974	187.6	1.533	0.368	73.8	96.5	0
2002-07-03 05:00	163.5	3.697	80.5	1.754	0.851	73.8	94.5	0
2002-07-03 06:00	137.1	5.181	99.9	1.661	1.519	73.3	95.9	0
2002-07-03 07:00	128.1	4.446	82.8	2.24	1.854	73.1	97	0
2002-07-03 08:00	175.6	3.86	100	1.012	0.791	73.6	97.6	0.03
2002-07-03 09:00	104.4	4.608	79.9	2.445	-0.714	74.6	98	0
2002-07-03 10:00	174.9	2.44	166	2.03	-1.151	76.5	94.4	0
2002-07-03 11:00	265.3	2.693	290.3	2.585	-1.383	79.5	83.7	0
2002-07-03 12:00	283.9	3.26	274.5	2.789	-1.581	82.7	75.3	0
2002-07-03 13:00	237.9	3.172	233	3.047	-1.697	85.2	66.66	0
2002-07-03 14:00	281.9	3.509	274.6	2.971	-1.561	85.8	63.51	0
2002-07-03 15:00	289.3	5.796	289.5	3.682	-0.311	82.4	72.4	0
2002-07-03 16:00	142	5.436	114.6	3.503	0.036	76.5	90.8	0.02
2002-07-03 17:00	298.2	1.67	195.7	1.633	0.22	77.7	92.9	0
2002-07-03 18:00	348.3	2.099	5.916	1.589	-1.151	79.5	88.5	0
2002-07-03 19:00	203.2	4.077	207.4	2.779	-1.121	79.1	90.3	0
2002-07-03 20:00	2.531	2.637	87.9	1.997	-0.471	78.6	90.4	0
2002-07-03 21:00	104.9	2.204	69.51	1.83	0.975	77	95.7	0
2002-07-03 22:00	67.46	2.633	70.6	1.996	1.436	76.2	97.7	0
2002-07-03 23:00	113.3	5.123	97.1	2.138	0.649	76.3	98.3	0
2002-07-04 00:00	153.4	4.29	130.4	1.83	0.707	75.7	98.5	0
2002-07-04 01:00	127.4	3.195	90.8	2.141	0.39	74.9	99.4	0
2002-07-04 02:00	166.5	3.457	86.1	1.113	1.394	74.1	99.7	0
2002-07-04 03:00	203.3	2.554	66.49	1.262	1.651	73.6	99.7	0
2002-07-04 04:00	225.7	5.82	165.5	1.021	0.98	73.4	99.8	0
2002-07-04 05:00	220.3	3.417	84.3	1.279	1.348	72.8	99.7	0
2002-07-04 06:00	147.2	1.862	108	1.044	1.967	72.2	99.7	0

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2002-07-04 07:00	213.2	2.642	115.4	1.062	2.188	72.1	99.7	0
2002-07-04 08:00	247.9	2.987	180.9	0.986	0.063	74.6	99.8	0
2002-07-04 09:00	271.3	4.84	261.1	2.972	-1.388	78.4	93.1	0
2002-07-04 10:00	277.4	5.939	266.8	3.732	-1.661	80.5	83.3	0
2002-07-04 11:00	278.1	5.813	268	4.209	-1.696	82.1	80	0
2002-07-04 12:00	282.4	4.901	275.7	3.843	-1.789	83.8	76.4	0
2002-07-04 13:00	319	5.38	321.4	4.545	-1.917	85.2	70.8	0
2002-07-04 14:00	301.1	5.574	307.3	4.635	-1.726	86.1	67.23	0
2002-07-04 15:00	262	5.037	252.1	4.067	-1.944	86.6	68.24	0
2002-07-04 16:00	285.1	3.63	290.7	2.995	-1.545	87	67.28	0
2002-07-04 17:00	228.6	4.38	224.8	4.052	-1.639	87.3	68.45	0
2002-07-04 18:00	265.3	2.872	255	2.367	-1.513	87.9	66.51	0
2002-07-04 19:00	274.4	3.546	268	2.282	-1.259	87.5	67.79	0
2002-07-04 20:00	269.5	4.781	327.1	1.411	0.264	84.3	78.5	0
2002-07-04 21:00	301.6	3.813	17.04	1.589	0.438	82	83.7	0
2002-07-04 22:00	305.1	2.833	58.69	1.131	3.015	79.4	88.2	0
2002-07-04 23:00	191.6	2.289	64.38	1.206	3.278	77.8	92	0
2002-07-05 00:00	157.9	2.96	69.93	1.298	3.82	77.1	95.3	0
2002-07-05 01:00	220.7	3.369	68.05	1.502	3.286	77.1	96.9	0
2002-07-05 02:00	279.8	4.577	42.82	1.597	1.328	77.7	94.9	0
2002-07-05 03:00	322	2.885	81.9	1.514	1.854	76.7	96.1	0
2002-07-05 04:00	221.4	3.212	132.8	2.477	0.845	76.5	97.6	0
2002-07-05 05:00	167.2	3.207	54.58	1.307	1.05	75.9	98.2	0
2002-07-05 06:00	251.8	2.424	98.6	1.365	1.064	75.6	99.1	0
2002-07-05 07:00	211.3	2.263	101.7	1.904	0.763	75.5	99.6	0
2002-07-05 08:00	127.2	1.705	100.6	1.614	-0.853	77.5	99.1	0
2002-07-05 09:00	24.71	2.236	55.51	2.027	-1.424	80.3	90.9	0
2002-07-05 10:00	316.4	4.16	304.5	3.459	-1.676	82.4	84.1	0
2002-07-05 11:00	339.7	3.044	325.9	2.934	-1.602	84.3	77.1	0
2002-07-05 12:00	312.7	4.367	301.8	3.307	-1.63	85.6	74.7	0
2002-07-05 13:00	304.3	6.786	288.1	4.362	-1.503	86.9	71.6	0
2002-07-05 14:00	342.7	7.46	343.8	5.637	-1.752	88.8	63.47	0
2002-07-05 15:00	359.6	7.72	3.765	6.136	-1.604	89.7	59.23	0
2002-07-05 16:00	347.3	6.911	345.7	4.998	-1.639	90.3	58.19	0
2002-07-05 17:00	34.69	6.872	35.49	5.397	-1.415	90	58.9	0
2002-07-05 18:00	30.07	5.381	31.24	3.678	-1.056	89	65.15	0
2002-07-05 19:00	14.16	4.119	16.13	2.47	-0.747	88.8	67.41	0
2002-07-05 20:00	58.87	6.098	63.2	2.112	1.485	85.7	78.3	0
2002-07-05 21:00	76.5	8.49	62.24	3.141	-0.028	84.3	70.3	0
2002-07-05 22:00	93.8	6.938	96.1	1.541	0.535	81.5	74.9	0
2002-07-05 23:00	105.9	6.594	84.8	1.526	0.748	79.6	82.2	0
2002-07-06 00:00	152.3	3.778	71.9	1.378	1.818	77.7	87.2	0
2002-07-06 01:00	34.96	1.271	52.02	2.186	3.655	76.1	91.8	0
2002-07-06 02:00	19.54	2.358	49.86	2.015	4.37	75.4	92	0
2002-07-06 03:00	49.53	4.145	47.51	2.096	5.071	74.3	94.6	0
2002-07-06 04:00	48.83	5.896	46.44	2.935	5.204	74.2	95	0
2002-07-06 05:00	70.9	6.113	71.4	1.707	3.328	73.6	93.9	0
2002-07-06 06:00	90.9	7.57	72.2	1.891	4.869	72.8	96.8	0
2002-07-06 07:00	87.2	5.789	74.3	1.263	2.666	72.9	96	0
2002-07-06 08:00	62.9	3.743	21.54	1.594	1.231	74.7	95.6	0
2002-07-06 09:00	78.1	2.054	50.08	1.73	-1.191	79.3	86.1	0
2002-07-06 10:00	61.03	3.419	48.25	3.334	-1.42	83.2	76.1	0
2002-07-06 11:00	58.45	6.004	57.85	4.616	-1.64	86.1	66.53	0
2002-07-06 12:00	68.79	5.858	51.32	4.378	-1.543	88.1	59.03	0
2002-07-06 13:00	60.44	5.05	56.56	4.091	-1.79	89.5	57.91	0
2002-07-06 14:00	61.44	6.757	58.41	5.095	-1.656	90.3	54.9	0

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2002-07-06 15:00	47.94	5.157	42.91	4.006	-1.583	91	54.7	0
2002-07-06 16:00	50.36	4.632	40.14	3.43	-1.489	91.5	55.15	0
2002-07-06 17:00	44.02	5.2	33.27	4.01	-1.46	91.9	53.96	0
2002-07-06 18:00	11.89	6.393	11.18	4.458	-1.228	91.3	58.12	0
2002-07-06 19:00	21.7	5.597	23.67	2.799	-0.364	90	64.33	0
2002-07-06 20:00	22.89	4.252	46.54	1.212	2.542	86.6	79.6	0
2002-07-06 21:00	11.18	4.19	50.01	1.689	3.579	84.6	81.4	0
2002-07-06 22:00	23.98	6.161	59.08	1.854	4.841	83.1	83	0
2002-07-06 23:00	37.82	6.857	52.77	1.918	5.234	82.4	83.6	0
2002-07-07 00:00	34.66	7.15	54.47	2.242	5.19	81.7	82.2	0
2002-07-07 01:00	28.27	6.866	46.3	2.15	4.169	80.2	87.1	0
2002-07-07 02:00	23.16	7.9	38.12	2.946	1.747	80.7	88.6	0
2002-07-07 03:00	39.09	4.359	102.1	1.709	3.056	78.9	91.5	0
2002-07-07 04:00	41.42	2.657	52.72	1.301	3.785	77.5	92.9	0
2002-07-07 05:00	118.8	3.772	83.3	1.289	3.018	76.5	94.6	0
2002-07-07 06:00	156.4	4.313	74.3	1.249	3.097	76.1	97.4	0
2002-07-07 07:00	241.7	1.786	66.98	1.648	2.8	76.2	98.6	0
2002-07-07 08:00	325.3	4.994	3.527	2.321	0.377	78.5	97.9	0
2002-07-07 09:00	355.2	3.981	357.6	3.2	-1.314	81.6	87.8	0
2002-07-07 10:00	355.1	2.915	339.1	2.676	-1.511	84.6	82.3	0
2002-07-07 11:00	332.1	4.685	343.2	4.331	-1.545	86	80.8	0
2002-07-07 12:00	337.3	4.569	334	3.945	-1.73	88.8	74.6	0
2002-07-07 13:00	317.3	5.685	306.4	4.33	-1.826	90.7	69.51	0
2002-07-07 14:00	340.3	6.524	341.7	4.811	-1.556	91.9	62.2	0
2002-07-07 15:00	358.3	6.262	358.3	4.754	-1.427	92.6	59.45	0
2002-07-07 16:00	27.57	7.15	37.44	4.512	0.15	90	63.47	0
2002-07-07 17:00	346.7	4.336	333.9	3.534	-1.461	93	59.31	0
2002-07-07 18:00	12.55	7.02	6.484	4.845	-1.194	93	59.1	0
2002-07-07 19:00	13.57	5.887	13.45	3.273	-0.628	91.8	65.2	0
2002-07-07 20:00	37.39	5.348	50.8	2.134	0.844	89.5	72.5	0
2002-07-07 21:00	137.9	9.76	151.2	5.323	-0.416	85.6	70.7	0
2002-07-07 22:00	145.1	5.403	106.5	3.184	0.592	80.2	79.9	0
2002-07-07 23:00	114.8	6.978	98	2.657	1.377	78.3	82.6	0
2002-07-08 00:00	99.3	6.393	74.2	2.194	0.329	77.3	85.7	0
2002-07-08 01:00	94.1	3.389	74.1	1.791	-0.525	76.9	87.6	0
2002-07-08 02:00	121.6	7.01	116.3	2.923	1.237	75.7	89.6	0
2002-07-08 03:00	154.3	7.76	108.9	3.447	4.912	75	90.6	0
2002-07-08 04:00	132.4	9.86	103.4	3.138	1.834	74.3	91	0
2002-07-08 05:00	121.7	8.22	119.9	2.192	-0.311	73.6	92.8	0
2002-07-08 06:00	135.7	8.27	101.9	2.258	0.838	73.2	92.6	0
2002-07-08 07:00	131.4	7.79	113.2	2.172	0.942	73.4	90.2	0
2002-07-08 08:00	125	5.02	136.9	1.91	-0.749	74.7	88.2	0
2002-07-08 09:00	123.3	3.402	151.9	2.301	-1.344	78.1	82.3	0
2002-07-08 10:00	124.5	2.552	128.6	2.225	-1.595	81.5	77.4	0
2002-07-08 11:00	120.6	4.184	123.6	3.235	-1.707	84.2	75.1	0
2002-07-08 12:00	101.5	3.94	105.1	3.448	-1.709	86.8	67.71	0
2002-07-08 13:00	73.7	4.163	53.84	3.523	-1.751	88.6	61.63	0
2002-07-08 14:00	80.1	3.594	63.49	3.224	-1.638	89.8	61.58	0
2002-07-08 15:00	50.9	3.945	33.65	3.444	-1.56	90.4	61.52	0
2002-07-08 16:00	21.64	4.144	7.31	3.691	-1.526	90.8	61.86	0
2002-07-08 17:00	50.61	5.516	37.15	4.272	-1.412	91.3	59.26	0
2002-07-08 18:00	73.3	6.075	57.94	3.462	-1.059	90.9	61.51	0
2002-07-08 19:00	119.9	2.125	199.6	1.215	-0.638	89.4	68.32	0
2002-07-08 20:00	199.1	2.296	194.1	1.371	0.618	86.2	78.6	0
2002-07-08 21:00	126.1	2.997	82.6	1.574	2.896	83.2	84.6	0
2002-07-08 22:00	155	10.54	154.9	4.939	-0.221	82.6	75.2	0

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2002-07-08 23:00	138.4	9.34	132	2.693	-0.072	80.8	78.2	0
2002-07-09 00:00	132.8	10.1	91.3	2.186	0.237	79	82.4	0
2002-07-09 01:00	125.6	5.939	22.93	1.723	-0.097	77.7	85.4	0
2002-07-09 02:00	143.7	6.552	77.5	1.977	0.554	76.8	87	0
2002-07-09 03:00	169	4.403	154.1	1.58	0.9	76.6	86.7	0
2002-07-09 04:00	177.8	5.546	138.4	1.767	1.299	76.2	88.6	0
2002-07-09 05:00	160.1	7.09	134	2.324	1.047	75.9	89.1	0
2002-07-09 06:00	143.8	6.506	108.1	1.616	1.034	74.4	92.8	0
2002-07-09 07:00	108.4	4.146	66.6	1.778	0.274	73.6	95.5	0
2002-07-09 08:00	111.1	4.838	81	2.155	-0.648	75.6	92.8	0
2002-07-09 09:00	165.5	1.657	175	1.673	-1.559	79.4	86.5	0
2002-07-09 10:00	275.7	2.382	338.7	2.425	-1.303	81.8	79.6	0
2002-07-09 11:00	307.4	3.228	297.1	2.731	-1.587	82.9	78.6	0
2002-07-09 12:00	304.1	2.877	303	2.64	-1.74	85.6	72.3	0
2002-07-09 13:00	81.4	2.805	88.7	2.726	-1.634	87.5	65.13	0
2002-07-09 14:00	155.2	4.168	214	3.359	-1.786	89.3	58.76	0
2002-07-09 15:00	316	3.925	311.5	3.44	-1.768	89.7	58.47	0
2002-07-09 16:00	328	5.821	330.9	4.678	-1.509	88.9	62.28	0
2002-07-09 17:00	319.7	4.835	325.8	2.915	0.407	85.4	71.1	0.06
2002-07-09 18:00	202.2	2.099	79.6	1.52	1.907	84.6	84.3	0
2002-07-09 19:00	293.2	2.744	313.2	1.36	-0.526	87.5	75.9	0
2002-07-09 20:00	251.4	3.683	75.9	0.871	2.416	84.8	89.4	0
2002-07-09 21:00	175.5	5.629	96.4	1.713	2.169	83.5	86.8	0
2002-07-09 22:00	123.1	6.108	81.3	2.295	2.684	81.7	86	0
2002-07-09 23:00	209.8	6.269	191.3	2.005	0.563	81.5	84.8	0
2002-07-10 00:00	250.9	4.412	282.6	1.603	0.508	80.7	84.9	0
2002-07-10 01:00	241	5.235	199	1.416	0.181	79.3	87.6	0
2002-07-10 02:00	206	3.953	117.6	1.365	0.784	77.6	93.3	0
2002-07-10 03:00	173.8	4.847	124.8	2.056	0.778	76.7	95.3	0
2002-07-10 04:00	216.8	4.734	169.6	1.316	0.148	76.5	93.7	0
2002-07-10 05:00	230.6	5.222	180.5	1.344	0.765	76	94	0
2002-07-10 06:00	259.2	6.114	127.4	1.366	1.577	75.4	95.2	0
2002-07-10 07:00	277.9	5.28	292	1.479	0.64	76.7	94.2	0
2002-07-10 08:00	274.2	4.856	269.2	2.042	-0.603	78.3	89	0
2002-07-10 09:00	314.5	4.194	299.3	2.722	-1.489	80.4	81.7	0
2002-07-10 10:00	339.8	5.479	344.7	4.574	-1.59	82.3	76.3	0
2002-07-10 11:00	321.4	3.823	330.7	3.416	-1.607	84.7	72.6	0
2002-07-10 12:00	333.9	4.374	347	3.849	-1.753	87	68.89	0
2002-07-10 13:00	333.4	4.466	328.7	3.619	-1.775	88.8	64.51	0
2002-07-10 14:00	324.9	4.568	337	3.723	-1.723	90.1	61.53	0
2002-07-10 15:00	330.3	4.323	327.6	3.116	-0.204	88.4	63.62	0
2002-07-10 16:00	164.7	5.316	167.8	3.62	-1.154	85.1	73.9	0
2002-07-10 17:00	200.5	4.169	213.8	3.543	-1.408	88.9	66.59	0
2002-07-10 18:00	212.1	3.292	220.5	3.078	-1.476	90.7	60	0
2002-07-10 19:00	220.8	4.036	211.1	2.507	-1.081	90.1	63.78	0
2002-07-10 20:00	157.6	1.087	54.02	1.543	1.898	86.6	75.8	0
2002-07-10 21:00	167.3	2.804	62.19	1.511	4.781	83.2	81.9	0
2002-07-10 22:00	141.8	3.885	45.38	1.587	6.208	80.8	89.4	0
2002-07-10 23:00	198.4	5.346	69.33	1.423	3.99	80.6	90.7	0
2002-07-11 00:00	193.6	5.093	100.3	1.872	2.63	80.5	87.4	0
2002-07-11 01:00	154.3	4.644	77.1	2.006	3.817	78.9	92.8	0
2002-07-11 02:00	207.2	5.08	70.7	1.364	3.718	78.2	95.6	0
2002-07-11 03:00	187.3	4.616	99.6	1.762	2.877	77.7	95.9	0
2002-07-11 04:00	189.8	6.683	120.7	2.146	2.001	77.6	96	0
2002-07-11 05:00	218.3	6.987	180.8	1.678	0.651	78	94.2	0
2002-07-11 06:00	209.9	5.399	110.7	1.564	0.378	77.8	95.5	0

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2002-07-11 07:00	192.5	5.479	146.1	1.648	0.534	77.2	96.6	0
2002-07-11 08:00	191.7	4.804	180.4	2.269	-0.755	79.3	92.7	0
2002-07-11 09:00	220.1	2.675	204.8	2.409	-1.458	81.3	89.1	0
2002-07-11 10:00	227	4.642	222.1	3.393	-1.82	84	81.2	0
2002-07-11 11:00	266.8	6.346	254.6	4.171	-1.783	86.1	72.4	0
2002-07-11 12:00	255.5	5.736	243.5	4.129	-1.965	87.7	70.4	0
2002-07-11 13:00	241.8	6.149	235.4	4.662	-1.845	89.5	66.08	0
2002-07-11 14:00	216.5	7.08	213.1	5.101	-2.09	91.1	63.15	0
2002-07-11 15:00	269.8	12.96	274.6	8.12	-1.631	88.1	65.2	0.02
2002-07-11 16:00	295.7	7.06	135	4.533	-0.909	78	90.6	0.06
2002-07-11 17:00	45.63	4.087	35.1	3.494	-1.43	80.6	87.2	0
2002-07-11 18:00	30.54	1.612	329.9	1.885	-1.3	82.5	86.5	0
2002-07-11 19:00	106.3	3.792	79	2.01	-0.916	83.6	84.2	0
2002-07-11 20:00	118.1	6.626	55	1.926	0.828	82.1	85.7	0
2002-07-11 21:00	133.4	8.48	114.9	2.314	0.104	81	83.6	0
2002-07-11 22:00	148.7	6.67	110.2	2.611	0.37	80.4	81.7	0
2002-07-11 23:00	209.3	3.446	36.05	1.575	2.176	78.1	90.2	0
2002-07-12 00:00	236.8	3.921	60.73	1.491	2.807	77.3	93.3	0
2002-07-12 01:00	154.6	5.083	94.3	2.224	1.786	76.7	94.7	0
2002-07-12 02:00	113.8	7.31	72.5	2.276	1.232	75.7	95.1	0
2002-07-12 03:00	130.5	9.06	113.4	3.053	1.165	75.2	96.5	0
2002-07-12 04:00	137.1	8.87	121.6	2.768	0.156	74.7	96.4	0
2002-07-12 05:00	161.4	6.528	111.1	2.334	0.886	74.8	97.3	0
2002-07-12 06:00	188.9	3.134	54.57	1.322	1.157	74.7	97.9	0
2002-07-12 07:00	235.6	4.416	133.2	1.27	1.079	75.1	98.6	0
2002-07-12 08:00	258.2	5.639	261.2	2.373	-0.669	77.4	98.5	0
2002-07-12 09:00	230.6	4.398	225	3.224	-1.535	79.9	91.6	0
2002-07-12 10:00	232.1	3.364	232.3	2.939	-1.624	82.2	83.5	0
2002-07-12 11:00	260.7	4.592	257.4	3.627	-1.759	84.3	80.8	0
2002-07-12 12:00	262.1	4.576	260.2	3.473	-1.864	86.6	74.3	0
2002-07-12 13:00	253.2	5.675	245.2	4.145	-1.989	88.5	69.12	0
2002-07-12 14:00	217.6	8.06	212.7	5.859	-1.902	89.4	65.42	0
2002-07-12 15:00	218.6	6.482	210.1	4.568	-1.961	90.7	62.22	0
2002-07-12 16:00	215.6	4.577	226.2	3.169	-1.266	90.8	62.3	0
2002-07-12 17:00	87.2	4.147	57.58	3.911	-1.399	90.8	64.22	0
2002-07-12 18:00	141.5	7.92	140.7	4.138	-0.545	86.2	75	0.09
2002-07-12 19:00	213.5	20.68	204.5	10	1.836	75.7	84.5	0.5
2002-07-12 20:00	224.3	18.21	212.7	9.44	0.547	74.8	86.7	0.48
2002-07-12 21:00	180.5	12.82	173	6.449	-0.16	72.4	91.8	0.07
2002-07-12 22:00	113.9	13.05	102.1	5.206	-0.196	72	93.1	0
2002-07-12 23:00	218.8	10.37	211	4.762	0.484	72.8	93.4	0.2
2002-07-13 00:00	228.2	7.55	177.3	3.877	-0.245	72.6	94.2	0.2
2002-07-13 01:00	285.3	5.312	261.1	2.672	-0.88	72	95.1	0.74
2002-07-13 02:00	176.6	3.238	153.3	2.323	-0.448	71.6	97.2	0.11
2002-07-13 03:00	116.6	7.4	124.2	2.713	-0.774	71.2	98.4	0.02
2002-07-13 04:00	137.7	8.46	152.3	3.238	-0.723	71	98.8	0
2002-07-13 05:00	189.2	6.391	188.5	2.811	-0.323	70.8	98.6	0
2002-07-13 06:00	234.7	7.16	233.1	3.002	-0.265	70.7	98.7	0
2002-07-13 07:00	267.8	7.05	263.2	3.112	-0.628	71.7	98.7	0
2002-07-13 08:00	286	7.39	276.1	3.13	-0.919	72.2	98.5	0
2002-07-13 09:00	300.5	6.106	302.1	2.738	-1.24	73.4	96.7	0
2002-07-13 10:00	336	3.81	350.1	3.041	-1.404	74.7	92.5	0
2002-07-13 11:00	287.5	2.406	285.3	2.329	-1.525	76.9	86.2	0
2002-07-13 12:00	253.5	2.544	233.9	2.678	-1.725	79.4	78.7	0
2002-07-13 13:00	305.5	3.144	299.8	2.947	-1.59	80.2	77.8	0
2002-07-13 14:00	287.6	3.68	286.2	3.31	-1.682	82.3	70.4	0

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2002-07-13 15:00	310.4	2.521	326	2.366	-1.531	82.5	68.06	0
2002-07-13 16:00	151.2	3.437	214.6	2.867	-1.81	84	68.98	0
2002-07-13 17:00	140	5.004	153	3.099	-1.594	84	71.6	0
2002-07-13 18:00	214.7	4.012	218.8	2.806	-1.431	81.8	80.6	0
2002-07-13 19:00	215.3	5.679	208.6	3.636	-1.4	81.6	81.8	0
2002-07-13 20:00	170.9	5.755	158.4	2.921	-0.928	80.6	84.3	0
2002-07-13 21:00	131.7	7.38	107.8	3.269	-0.701	78.9	89	0
2002-07-13 22:00	149.5	4.156	40.25	2.074	-0.187	77.7	91.5	0
2002-07-13 23:00	146.6	5.654	147.9	2.8	-0.721	78	91.4	0
2002-07-14 00:00	207.8	6.409	192.5	2.98	-0.457	77.3	93.8	0
2002-07-14 01:00	218.8	6.895	205.4	3.014	-0.47	76.7	95.8	0
2002-07-14 02:00	241.4	7.34	232.4	3.353	-0.551	76.6	94.2	0
2002-07-14 03:00	262.4	6.372	252.2	2.881	-0.843	75.5	88.8	0
2002-07-14 04:00	262.2	3.328	93.2	1.148	0.362	73.8	90	0
2002-07-14 05:00	210.1	1.593	50.8	1.464	1.191	72.8	95.5	0
2002-07-14 06:00	210.4	4.053	118.1	1.595	1.377	73	96	0
2002-07-14 07:00	187.8	6.951	171.8	3.07	-0.623	73.9	94.2	0
2002-07-14 08:00	197.2	4.174	190.7	2.101	-0.919	74.3	95.1	0
2002-07-14 09:00	188.3	3.554	192.6	1.965	-1.032	74.8	93.2	0
2002-07-14 10:00	191.4	4.043	184.8	2.173	-1.125	75.6	91	0
2002-07-14 11:00	199.8	4.501	200	3.388	-1.431	76.9	89	0
2002-07-14 12:00	224.9	7.05	227.1	4.846	-1.72	79.7	81.7	0
2002-07-14 13:00	207.2	5.93	216.2	4.785	-1.777	82.7	75.7	0
2002-07-14 14:00	200	6.459	200.3	4.999	-1.797	84.9	70.5	0
2002-07-14 15:00	229.9	9.03	225.6	6.238	-1.933	86.3	66.58	0
2002-07-14 16:00	232.3	10.34	233	6.89	-1.822	86.9	64.93	0
2002-07-14 17:00	227.3	9.44	226.4	5.821	-1.683	87.1	65.64	0
2002-07-14 18:00	227.5	9.08	226.6	5.464	-1.581	87.3	64.91	0
2002-07-14 19:00	209.7	6.634	205.3	3.695	-1.263	86.7	67.41	0
2002-07-14 20:00	192.4	6.515	171.5	2.582	-0.293	85	69.75	0
2002-07-14 21:00	180	7.97	155.2	3.191	0.219	83.7	71.6	0
2002-07-14 22:00	136.9	6.306	90.2	3.17	0.679	81.5	78.5	0
2002-07-14 23:00	211.2	6.095	198.2	3.513	-0.253	80	82.6	0
2002-07-15 00:00	232.9	7.64	227.6	3.556	-0.686	76.3	87.9	0.06
2002-07-15 01:00	334.9	6.744	14.13	3.202	0.232	75.4	91.7	0
2002-07-15 02:00	93.5	6.534	117.9	2.388	-0.008	74.1	95.3	0
2002-07-15 03:00	143.7	7.08	123.3	2.437	0.361	73.9	97.1	0
2002-07-15 04:00	166.3	6.649	152.8	2.344	0.748	74.3	96.9	0
2002-07-15 05:00	198	8.25	184.7	2.783	0.417	75.5	93	0
2002-07-15 06:00	200.3	7.87	193.3	2.854	-0.165	75.7	94	0
2002-07-15 07:00	199.5	7.04	195.5	2.931	-0.507	76	95.9	0
2002-07-15 08:00	207.3	7.51	204.2	3.724	-0.978	77.1	96.4	0
2002-07-15 09:00	202.6	8.91	193	4.165	-0.578	76.4	93.6	0.02
2002-07-15 10:00	188.8	5.276	159.8	2.717	-0.882	77.8	91.7	0.04
2002-07-15 11:00	210.8	6.648	212.8	4.981	-1.628	82.1	87.2	0
2002-07-15 12:00	242.2	8.33	242.7	5.425	-1.868	84.8	78.5	0
2002-07-15 13:00	260.6	7.36	257.8	3.726	-1.526	85.4	76.1	0
2002-07-15 14:00	263.7	10.65	243.8	5	-0.945	76.8	90.6	0.14
2002-07-15 15:00	171	4.755	163.8	3.236	-1.641	77	93.9	0.02
2002-07-15 16:00	179.5	4.048	182	3.634	-1.688	79.7	85.8	0
2002-07-15 17:00	181.6	6.892	178.3	4.736	-1.451	80.7	83.5	0
2002-07-15 18:00	80.6	5.635	61.77	3.495	-0.851	78.7	91.6	0.01
2002-07-15 19:00	179.3	6.078	186.1	3.868	-1.142	78.4	93	0
2002-07-15 20:00	190	5.061	184.9	3.216	-1.06	77.2	93.3	0
2002-07-15 21:00	147.5	5.744	125.6	2.248	-0.52	75.8	93.5	0
2002-07-15 22:00	130.2	8.45	133.6	3.297	-0.766	74.5	96.4	0

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2002-07-15 23:00	136.9	6.227	146.1	2.694	-0.814	73.4	97.6	0
2002-07-16 00:00	125.7	7.03	104.9	2.288	-0.717	72.4	98.1	0
2002-07-16 01:00	150.5	6.853	131.5	2.521	0.046	71.8	98.1	0
2002-07-16 02:00	149.9	7.48	141.3	2.259	0.378	71.3	97.6	0
2002-07-16 03:00	180.3	4.397	73	1.174	1.436	70.6	97.6	0
2002-07-16 04:00	152.7	5.002	73.5	1.775	1.589	70.1	98.2	0
2002-07-16 05:00	148.4	8.88	128.4	2.723	1.621	70.5	97.2	0
2002-07-16 06:00	128.8	7.39	76.3	2.732	1.111	70.3	94.1	0
2002-07-16 07:00	127	7.4	52.97	1.775	0.652	70.1	95.5	0
2002-07-16 08:00	114.2	2.428	42.43	1.435	-0.524	72.1	93	0
2002-07-16 09:00	117.3	3.418	113.8	2.143	-1.252	75.7	88.2	0
2002-07-16 10:00	158.6	2.335	149.2	2.217	-1.615	79.9	83.5	0
2002-07-16 11:00	249.8	2.762	258.7	2.714	-1.654	83.1	76.5	0
2002-07-16 12:00	316.2	3.055	310.7	2.546	-1.637	84.3	70.9	0
2002-07-16 13:00	330.8	2.855	348.8	2.501	-1.651	85.7	69.06	0
2002-07-16 14:00	295.1	3.261	282	2.688	-1.495	86.5	66.39	0
2002-07-16 15:00	342	5.032	336.8	2.994	-0.984	86.4	68.89	0
2002-07-16 16:00	308.3	8.85	327.2	4.701	-0.372	79	88.4	0.76
2002-07-16 17:00	288.9	11.16	280.7	4.73	-0.715	75.9	95.5	0.33
2002-07-16 18:00	317.6	7.91	319.5	3.926	-0.938	75.1	97.3	0.12
2002-07-16 19:00	23.14	6.515	30.62	3.551	-0.808	74.8	96.9	0
2002-07-16 20:00	76.4	4.646	90	1.996	-1.059	75.1	96.9	0
2002-07-16 21:00	86.9	5.68	93.2	1.775	-0.29	74.1	97.9	0
2002-07-16 22:00	110.7	8.57	125.7	2.508	-0.17	73.6	98.8	0
2002-07-16 23:00	117.1	8.85	134.1	2.758	-0.385	73.5	99.2	0
2002-07-17 00:00	116.5	9.19	138.9	2.815	-0.393	73.2	99.4	0
2002-07-17 01:00	120.3	9.16	141	2.804	-0.609	72.9	99.6	0.01
2002-07-17 02:00	123.1	8.2	138	2.147	-0.431	72.7	99.6	0
2002-07-17 03:00	134.2	8.28	110.4	2.04	0.375	72.4	99.6	0
2002-07-17 04:00	130.6	7.35	83.6	1.648	1.083	72.1	99.4	0
2002-07-17 05:00	131.2	8.05	82.1	1.767	1.458	71.7	99.5	0
2002-07-17 06:00	126.4	7.45	74	1.755	0.847	71.5	99.4	0
2002-07-17 07:00	152.8	2.609	81.9	0.773	0.684	71	99.5	0
2002-07-17 08:00	178.1	1.809	68.12	1.022	1.22	72.9	99.7	0
2002-07-17 09:00	197	1.717	178.6	1.702	-0.995	77.3	93.4	0
2002-07-17 10:00	270.4	2.551	265.3	2.356	-1.523	80.1	84.1	0
2002-07-17 11:00	280.3	3.427	288.4	2.922	-1.484	82.7	80	0
2002-07-17 12:00	275.3	4.37	277.2	3.486	-1.589	85	75.5	0
2002-07-17 13:00	230.8	5.269	228.6	4.33	-1.828	87.3	65.86	0
2002-07-17 14:00	254.7	6.314	250.1	4.635	-1.916	88.1	66.18	0
2002-07-17 15:00	264.8	5.745	270.1	4.146	-1.751	88.7	63.04	0
2002-07-17 16:00	263	5.263	259.4	3.975	-1.752	89.4	61.86	0
2002-07-17 17:00	248.1	5.955	245.6	4.203	-1.711	90	59.17	0
2002-07-17 18:00	256.1	4.921	256.3	3.196	-1.528	90	59.7	0
2002-07-17 19:00	257.5	4.221	253	2.144	-1.112	89.3	63.09	0
2002-07-17 20:00	283.9	3.503	32.68	1.583	1.973	85.6	77.5	0
2002-07-17 21:00	280	2.718	48.43	2.037	6.132	81.1	87.7	0
2002-07-17 22:00	273.5	3.017	52.21	1.971	7.34	79	90.2	0
2002-07-17 23:00	230.4	1.768	79.9	1.513	8	77.5	93.6	0
2002-07-18 00:00	145.9	3.539	87.6	1.222	7.98	76.7	95.2	0
2002-07-18 01:00	156.7	4.573	83.5	1.343	8.03	76	98.3	0
2002-07-18 02:00	147	5.773	89.3	1.121	7.73	75.1	99.2	0
2002-07-18 03:00	179.9	2.94	67.43	1.506	6.967	74.7	99.6	0
2002-07-18 04:00	175.9	2.847	88.3	1.274	6.443	74.2	99.7	0
2002-07-18 05:00	158.6	4.321	78.1	1.069	7.44	73.2	99.7	0
2002-07-18 06:00	159.5	4.558	78.6	0.932	8.12	72.5	99.7	0

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2002-07-18 07:00	153.1	5.782	97	1.691	7.08	72.5	99.7	0
2002-07-18 08:00	147	4.791	93.7	1.653	4.13	74.4	99.7	0
2002-07-18 09:00	182.2	3.187	155.6	1.898	0.023	79.9	89.9	0
2002-07-18 10:00	256.2	3.096	249	2.588	-1.435	83.4	76.9	0
2002-07-18 11:00	274.9	3.035	248.2	2.831	-1.591	85.3	74.8	0
2002-07-18 12:00	255.1	4.79	244.7	3.728	-1.777	87.1	69.16	0
2002-07-18 13:00	289.4	4.964	293.1	3.805	-1.73	88.2	64.71	0
2002-07-18 14:00	268.4	3.816	261.9	3.315	-1.874	89.7	62.18	0
2002-07-18 15:00	236.8	5.827	233.8	4.507	-1.845	90.4	59.12	0
2002-07-18 16:00	225.8	5.272	227.7	4.108	-1.856	91.2	58.17	0
2002-07-18 17:00	231.8	4.541	232	3.506	-1.662	91.6	55.39	0
2002-07-18 18:00	224.6	4.207	219.4	3.002	-1.583	91.6	55.66	0
2002-07-18 19:00	226.5	3	201.8	1.569	-0.663	90.5	61.55	0
2002-07-18 20:00	185.9	3.913	78.6	1.186	3.417	86	76.2	0
2002-07-18 21:00	160.6	3.932	62.27	1.782	6.013	82.6	82.5	0
2002-07-18 22:00	143.1	5.02	71	1.682	7.7	80.5	85.1	0
2002-07-18 23:00	115.1	2.926	42.95	2.377	5.46	79.3	89	0
2002-07-19 00:00	146.7	4.087	87.2	1.558	8.25	78.4	93.3	0
2002-07-19 01:00	158.8	5.473	93	1.534	6.641	77.9	95	0
2002-07-19 02:00	155.6	6.112	79.7	1.43	6.701	77.2	96.9	0
2002-07-19 03:00	175.1	5.744	93.5	1.806	5.02	77.4	96.6	0
2002-07-19 04:00	181.9	5.843	88	1.481	3.819	77	95.9	0
2002-07-19 05:00	193.6	6.546	113	1.489	2.438	77.3	92.9	0
2002-07-19 06:00	224.1	5.555	87.8	1.659	2.57	76.4	94.4	0
2002-07-19 07:00	213.7	5.859	104.5	1.401	2.208	76.6	93.8	0
2002-07-19 08:00	225.8	4.864	197.7	1.672	-0.074	78.8	87.8	0
2002-07-19 09:00	266.8	4.314	247.8	2.803	-1.391	81.4	83.1	0
2002-07-19 10:00	280.9	4.757	268.3	3.477	-1.749	83.3	78.4	0
2002-07-19 11:00	263	4.178	258.7	3.362	-1.643	85	74.7	0
2002-07-19 12:00	239.7	4.592	241.6	3.856	-1.776	87.3	70.7	0
2002-07-19 13:00	219.8	6.108	220.2	4.873	-2.001	89.1	66.88	0
2002-07-19 14:00	222.5	5.618	218.9	4.612	-1.906	90.1	62.98	0
2002-07-19 15:00	218.9	5.922	219.6	4.591	-1.942	90.8	61.18	0
2002-07-19 16:00	233.3	6.573	234.9	4.616	-1.867	91.5	60.16	0
2002-07-19 17:00	246.7	7.24	246	4.278	-1.666	91.8	59.52	0
2002-07-19 18:00	230.4	6.063	230.6	3.794	-1.554	91.9	59.64	0
2002-07-19 19:00	215.6	4.076	201.8	2.245	-1.008	91.1	62.18	0
2002-07-19 20:00	194.1	3.764	56.84	1.433	3.102	86.7	77.5	0
2002-07-19 21:00	152.8	3.991	81.5	1.469	5.059	83.9	80.5	0
2002-07-19 22:00	168.8	4.723	89.2	1.626	4.835	82.5	84.9	0
2002-07-19 23:00	169.7	5.936	87.6	1.641	3.969	81.9	86.4	0
2002-07-20 00:00	180.1	6.595	132.5	2.045	1.752	82.3	82.5	0
2002-07-20 01:00	201.6	3.181	72	1.966	3.304	80	88.7	0
2002-07-20 02:00	208.6	6.486	102.9	1.887	2.15	80.3	85.6	0
2002-07-20 03:00	207.7	5.778	68.05	1.705	2.929	78.6	89.8	0
2002-07-20 04:00	211.4	7.07	132.9	2.164	2.115	79.1	88	0
2002-07-20 05:00	214.1	8.95	193.9	2.478	0.346	79.1	86	0
2002-07-20 06:00	223.5	7.37	199.4	1.851	0.151	78.1	89	0
2002-07-20 07:00	243	6.929	246.4	1.39	1.156	77.7	92	0
2002-07-20 08:00	265	5.845	262.8	2.259	-0.424	79.9	89.1	0
2002-07-20 09:00	291.2	4.712	282.1	2.972	-1.455	82.2	85.4	0
2002-07-20 10:00	280.9	3.539	270.1	2.725	-1.63	84.4	81.4	0
2002-07-20 11:00	277.6	3.273	272	2.947	-1.626	86.6	77.8	0
2002-07-20 12:00	281.7	4.15	276.3	3.515	-1.817	88.5	71.8	0
2002-07-20 13:00	273.4	3.845	257.8	3.4	-1.938	89.9	67.24	0
2002-07-20 14:00	255.1	5.459	253.9	3.839	-1.833	91.3	59.5	0

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2002-07-20 15:00	258.5	5.349	250.2	3.742	-1.902	91.9	58.57	0
2002-07-20 16:00	256.1	5.993	257.3	4.052	-1.756	92.3	56.87	0
2002-07-20 17:00	262.9	4.875	260.1	3.493	-1.598	92.7	55.2	0
2002-07-20 18:00	212.7	5.259	212.9	3.507	-1.425	92.6	54.59	0
2002-07-20 19:00	227.2	3.619	200.9	1.788	0.142	90.7	61.84	0
2002-07-20 20:00	231.8	3.474	62.17	1.613	4.243	86	78.8	0
2002-07-20 21:00	222.3	4.301	53.91	2.022	5.995	83.2	81.1	0
2002-07-20 22:00	219	3.877	57.45	1.929	6.562	81.5	83.4	0
2002-07-20 23:00	200.8	3.189	80.9	1.59	7.23	80.3	86.1	0
2002-07-21 00:00	152.5	6.395	111.6	1.772	5.528	79.9	90.8	0
2002-07-21 01:00	165.4	7.16	120.4	1.948	3.54	80.4	89	0
2002-07-21 02:00	175.7	6.398	143.2	2.142	1.379	80.9	83.6	0
2002-07-21 03:00	195.4	6.118	95.3	1.374	1.986	79.8	85	0
2002-07-21 04:00	214	6.378	86.8	1.38	2.154	79.2	85.9	0
2002-07-21 05:00	219.8	5.488	73.9	1.179	2.409	78.5	88	0
2002-07-21 06:00	210.4	7.27	164.4	1.623	1.319	78.7	87.8	0
2002-07-21 07:00	213.8	6.935	186.3	1.97	-0.111	79	87	0
2002-07-21 08:00	214.2	7.19	205.9	3.073	-0.842	79.1	88.6	0
2002-07-21 09:00	240.1	6.97	238.1	4.063	-1.571	82.2	86.3	0
2002-07-21 10:00	259.3	6.693	249.2	3.907	-1.929	84.8	80.9	0
2002-07-21 11:00	277.3	6.837	266.6	4.092	-1.611	86.2	77.7	0
2002-07-21 12:00	286.4	6.016	272.9	3.92	-1.857	88.3	72.7	0
2002-07-21 13:00	289.8	5.142	280.4	3.622	-2.054	89.9	67.67	0
2002-07-21 14:00	315.3	4.268	314.8	3.379	-1.913	90.6	65.71	0
2002-07-21 15:00	307.4	3.491	301.8	3.15	-1.822	91.5	62.5	0
2002-07-21 16:00	316.6	3.565	311.9	2.965	-1.807	92.1	59.91	0
2002-07-21 17:00	84.5	2.569	45.96	2.341	-1.579	93	57.62	0
2002-07-21 18:00	111.4	6.884	106.5	3.112	-1.346	90.6	64.65	0
2002-07-21 19:00	109	8.18	104.4	3.902	-1.468	86.5	70.2	0
2002-07-21 20:00	125.5	7.76	109	2.712	-0.655	84.3	74.4	0
2002-07-21 21:00	146.1	7.55	117.7	2.533	0.018	83.3	76.7	0
2002-07-21 22:00	119.2	6.735	73.4	2.56	0.908	81.8	80.6	0
2002-07-21 23:00	115.3	8.13	125.2	2.461	-0.82	79.9	87.6	0
2002-07-22 00:00	143.9	9.67	160.1	4.298	-0.914	79.2	87	0
2002-07-22 01:00	168.1	6.853	179.8	2.889	-0.729	78.4	83.5	0
2002-07-22 02:00	186.4	6.208	179.7	2.849	-0.535	78	80.4	0
2002-07-22 03:00	195.5	6.339	179.9	2.395	-0.376	77.7	79.6	0
2002-07-22 04:00	207.7	6.799	198.5	2.149	-0.237	77.3	81.1	0
2002-07-22 05:00	202.6	6.686	172.3	2.266	-0.341	77.2	83.6	0
2002-07-22 06:00	209.2	6.89	189.1	2.325	-0.525	76.6	86.1	0
2002-07-22 07:00	213.7	6.887	193.2	2.093	-0.512	76.1	89.5	0
2002-07-22 08:00	216.6	6.788	207.7	3.057	-0.982	77.3	90.4	0
2002-07-22 09:00	251.4	6.802	239.2	3.793	-1.642	81.4	86.6	0
2002-07-22 10:00	270.7	8.07	263.7	4.713	-1.737	84.3	79.8	0
2002-07-22 11:00	287.7	6.299	278.8	4.077	-1.907	86.3	76.1	0
2002-07-22 12:00	278	5.373	266.5	3.734	-1.907	88.3	72.2	0
2002-07-22 13:00	282.4	4.711	277.9	3.376	-1.951	90.2	68.87	0
2002-07-22 14:00	295.9	4.606	283.6	3.524	-1.963	91.3	65.57	0
2002-07-22 15:00	341.9	5.304	355.6	4.311	-1.346	90.9	64.14	0
2002-07-22 16:00	142.5	8.37	137.8	4.196	0.955	84.2	78.2	0.01
2002-07-22 17:00	126.6	13.97	111.7	8.12	-0.088	78	83.3	0.51
2002-07-22 18:00	127	12.21	121.1	4.311	0.252	75.5	92.4	0.02
2002-07-22 19:00	100.9	10.2	72.8	5.692	-0.908	74.8	94.5	0.02
2002-07-22 20:00	153.1	6.853	156.7	3.536	-0.718	73.9	95	0
2002-07-22 21:00	166.8	11.42	175.4	5.489	-0.563	73.8	94.4	0
2002-07-22 22:00	187.5	6.757	179.6	2.953	-0.4	73.2	94.5	0

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2002-07-22 23:00	180.9	6.573	172.7	2.205	0.146	73	95.6	0
2002-07-23 00:00	109.9	5.069	56.62	2.747	0.924	72.6	96.8	0
2002-07-23 01:00	210.6	3.28	91.6	2.383	1.822	72.1	97.8	0
2002-07-23 02:00	217.7	4.8	179	1.91	0.768	72.3	98.4	0
2002-07-23 03:00	217.2	6.631	167.7	1.874	0.767	73.1	97.9	0
2002-07-23 04:00	214.7	6.84	191.3	2.725	-0.146	73.6	95.9	0
2002-07-23 05:00	195.2	7.09	163.3	2.781	0.156	73.7	94.8	0
2002-07-23 06:00	182.4	6.455	136.1	1.626	1.058	73.1	95.7	0
2002-07-23 07:00	179.1	5.98	124.3	1.887	0.716	73.4	96	0
2002-07-23 08:00	180.3	5.26	128.9	2.232	0.535	74.5	94.9	0
2002-07-23 09:00	184.3	4.231	167.1	2.722	-0.857	77.4	87.1	0
2002-07-23 10:00	266.6	6.128	260.2	4.111	-1.557	80.1	83.2	0
2002-07-23 11:00	286	4.946	277.9	3.695	-1.75	82.8	79.9	0
2002-07-23 12:00	279.1	4.235	268.5	2.991	-1.805	85.2	76.3	0
2002-07-23 13:00	298.9	3.247	300.5	3.026	-1.848	87.7	73.3	0
2002-07-23 14:00	353.6	4.533	6.341	3.835	-1.721	89.3	68.53	0
2002-07-23 15:00	9.24	3.069	358.3	2.759	-1.779	90.8	65.47	0
2002-07-23 16:00	350.3	3.658	347.8	3.077	-1.718	91.3	63.8	0
2002-07-23 17:00	47.73	2.791	40.06	2.183	-1.538	91.3	64.9	0
2002-07-23 18:00	90.2	3.314	96.1	2.138	-1.262	90.7	69.19	0
2002-07-23 19:00	133.7	3.486	131.9	2.045	-1.104	90.4	70.8	0
2002-07-23 20:00	129	4.456	86.4	1.766	0.203	88.7	74.6	0
2002-07-23 21:00	120.4	5.641	69.46	2.191	2.866	85.6	83	0
2002-07-23 22:00	139.7	5.357	136.6	2.081	1.156	85.1	83.1	0
2002-07-23 23:00	192.8	6.975	180.5	3.322	-0.604	84.1	82.5	0
2002-07-24 00:00	196.1	5.645	156.4	2.059	0.126	82.4	85.5	0
2002-07-24 01:00	187.7	4.86	138.9	1.689	0.133	81.3	85.2	0
2002-07-24 02:00	182.6	5.101	156.2	1.669	0.145	80.5	84.9	0
2002-07-24 03:00	213.1	5.182	216	1.43	-0.295	79.3	87.1	0
2002-07-24 04:00	218.9	6.145	174.7	2.733	0.157	78.2	87.4	0
2002-07-24 05:00	211.9	5.849	134.7	1.425	0.835	77.2	88.1	0
2002-07-24 06:00	76.6	6.716	70.5	3.168	0.618	76.3	90.3	0
2002-07-24 07:00	132.7	7.91	120	3.033	0.033	76.2	91.6	0
2002-07-24 08:00	288.4	4.501	10.96	2.146	0.048	77.5	90.6	0.01
2002-07-24 09:00	3.148	12.1	5.598	7.28	-0.837	77	87.3	0.05
2002-07-24 10:00	33.89	3.806	40.96	2.486	-1.243	75.3	86.5	0
2002-07-24 11:00	338.6	3.707	300.7	2.663	-1.458	77.3	84	0
2002-07-24 12:00	51.3	8.25	142.2	4.237	-1.046	76.4	89.5	0.01
2002-07-24 13:00	102.3	9.04	90.1	5.731	-0.741	76	91.9	0.16
2002-07-24 14:00	108.2	5.463	100.1	3.534	-1.095	77	89.6	0.01
2002-07-24 15:00	130.8	4.466	138.9	3.471	-1.904	82.6	78.9	0
2002-07-24 16:00	343	3.423	331.7	3.196	-1.59	85.2	72.1	0
2002-07-24 17:00	343.3	2.297	290.9	2.005	-1.427	86.3	69.17	0
2002-07-24 18:00	276.2	2.859	309.4	2.039	-1.341	85.8	76.4	0
2002-07-24 19:00	265.7	10.9	259.1	5.205	-0.701	81.9	79	0
2002-07-24 20:00	193.4	7.07	174.6	3.391	-0.411	76.2	79.4	0
2002-07-24 21:00	145.9	5.964	82	1.813	1.285	74.5	90.7	0
2002-07-24 22:00	189.4	5.934	183.7	2.506	0.405	74.2	94.1	0
2002-07-24 23:00	222.5	5.671	189.7	2.658	-0.419	75	95	0
2002-07-25 00:00	219.3	6.54	200.8	2.044	-0.168	74.5	93.7	0
2002-07-25 01:00	221.2	6.556	163	2.203	0.269	74.2	93.4	0
2002-07-25 02:00	186.6	4.693	103.3	1.658	0.369	74	92.9	0
2002-07-25 03:00	194	5.466	157	1.99	0.249	73.9	94.4	0
2002-07-25 04:00	173.7	3.607	84.4	1.573	0.784	73.2	95.5	0
2002-07-25 05:00	166.4	3.422	99.5	1.822	0.268	73.1	96.9	0
2002-07-25 06:00	192.7	5.053	98.6	1.128	0.784	73.1	97.3	0

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2002-07-25 07:00	197	5.116	131.3	2.309	1.281	73.4	96.8	0
2002-07-25 08:00	198.7	4.295	180.3	1.96	-0.196	75.1	94.3	0
2002-07-25 09:00	217.4	4.11	215.5	3.02	-1.382	77.1	89.1	0
2002-07-25 10:00	210.3	5.69	215.2	4.419	-1.574	79	85.3	0
2002-07-25 11:00	244.5	5.922	241.7	4.41	-1.68	80.7	82.1	0
2002-07-25 12:00	255	4.476	247.4	3.526	-1.811	82.6	79.9	0
2002-07-25 13:00	224.2	5.453	221	4.209	-1.917	84.7	75.8	0
2002-07-25 14:00	250.8	5.801	246.6	4.361	-1.978	86.5	73	0
2002-07-25 15:00	229.5	6.231	225.8	4.832	-2.042	87.7	69.5	0
2002-07-25 16:00	239.1	5.771	240.2	4.05	-1.747	88.1	68.5	0
2002-07-25 17:00	249.2	5.912	253.2	3.43	-1.476	87.9	70.4	0
2002-07-25 18:00	210.9	8.48	212.4	5.44	-1.711	88.1	69.44	0
2002-07-25 19:00	181.2	9.02	177.9	5.22	-1.524	83.6	76.8	0
2002-07-25 20:00	166.2	7.89	156.9	4.238	-0.993	81.8	79.4	0
2002-07-25 21:00	137	7.19	132.7	3.007	-0.679	79.4	83.9	0
2002-07-25 22:00	164.9	7.81	158.3	4.048	-0.586	79.1	85.7	0
2002-07-25 23:00	182.8	8.01	180.6	4.276	-0.81	79.3	86	0
2002-07-26 00:00	176.6	8.13	164.3	4.484	-0.696	78.7	87.8	0
2002-07-26 01:00	182.9	7.77	177.3	4.034	-0.636	77.8	89.7	0
2002-07-26 02:00	186.7	6.586	173.9	3.235	-0.684	77.2	91.1	0
2002-07-26 03:00	178.8	7.68	171.4	4.336	-0.714	76.9	93	0
2002-07-26 04:00	186.4	7.55	181.2	4.204	-0.987	76.4	94.7	0
2002-07-26 05:00	198.3	6.57	192.2	3.599	-1.05	76.2	96.1	0
2002-07-26 06:00	198	6.495	181.8	3.264	-0.923	76.1	96.5	0
2002-07-26 07:00	189.5	5.514	171.9	2.897	-0.898	75.7	96.3	0
2002-07-26 08:00	184.5	6.17	186.8	4.048	-1.075	76.7	94.4	0
2002-07-26 09:00	203.1	5.499	204.9	4.208	-1.569	79.2	87.5	0
2002-07-26 10:00	243.7	5.998	244.6	4.377	-1.762	81.9	81.2	0
2002-07-26 11:00	252.7	7.24	247.8	4.385	-2.024	83.6	78.4	0
2002-07-26 12:00	264.5	6.096	262.3	4.32	-2.035	85.7	73.2	0
2002-07-26 13:00	208.7	4.696	197.4	3.6	-1.79	87.7	66.28	0
2002-07-26 14:00	203.8	5.355	203.6	3.736	-1.634	88.9	61.85	0
2002-07-26 15:00	206.1	4.444	211.4	3.556	-1.671	89.7	60.37	0
2002-07-26 16:00	164.2	5.551	182.2	4.046	-1.953	90.9	60.56	0
2002-07-26 17:00	180	5.899	201.3	4.23	-1.588	90.9	61.26	0
2002-07-26 18:00	189.8	10.34	191.1	6.13	-1.443	89.5	64.05	0
2002-07-26 19:00	176.4	11.61	172.6	7.35	-1.555	84.8	70	0
2002-07-26 20:00	163.2	8.22	167.2	4.351	-1.056	81.9	76.5	0
2002-07-26 21:00	163.4	6.757	155.8	2.826	-0.717	80	82.3	0
2002-07-26 22:00	162.7	7.05	166.7	3.129	-0.727	78.8	86.5	0
2002-07-26 23:00	164.5	8.88	155.7	4.346	-0.521	78.2	87.4	0
2002-07-27 00:00	143.2	10.65	127	4.02	-0.513	77	89.6	0
2002-07-27 01:00	151.4	9.42	140	4.092	-0.484	76.4	91.1	0
2002-07-27 02:00	162.2	8.75	147.9	4.098	-0.486	76.3	90.2	0
2002-07-27 03:00	163.6	5.484	153.3	2.091	-0.545	75.5	91.1	0
2002-07-27 04:00	162.2	7.23	144.5	3.181	-0.396	74.9	93.9	0
2002-07-27 05:00	176.1	7.18	193.3	3.374	-0.534	75	93.8	0
2002-07-27 06:00	185.3	8.7	199.9	3.932	-0.525	75.1	92.9	0
2002-07-27 07:00	174	5.189	146.3	2.391	-0.411	74.7	94.2	0
2002-07-27 08:00	144.8	5.276	135.7	2.808	-0.858	75.7	93.6	0
2002-07-27 09:00	183.1	5.097	190.8	3.584	-1.473	79.8	85.3	0
2002-07-27 10:00	213	6.288	215.9	4.681	-1.859	83.1	80.2	0
2002-07-27 11:00	252.7	6.398	253.3	4.176	-1.761	84.6	78.4	0
2002-07-27 12:00	251.6	6.183	241	4.249	-1.99	86.9	70.9	0
2002-07-27 13:00	235.8	5.242	235.7	3.955	-1.874	88.1	67.41	0
2002-07-27 14:00	212.1	5.72	218.3	4.404	-1.854	89.6	63.58	0

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2002-07-27 15:00	194.6	5.763	194.3	4.467	-1.844	90.6	60.87	0
2002-07-27 16:00	208.6	6.228	209.1	4.328	-1.786	91.3	58.15	0
2002-07-27 17:00	260.9	5.802	261.7	3.333	-1.495	84.2	79	0
2002-07-27 18:00	170.8	9.7	161.2	4.952	-0.726	82.1	81	0.01
2002-07-27 19:00	143.9	7.07	118.1	2.571	-0.573	80.8	81.5	0
2002-07-27 20:00	128.3	10.41	100.7	3.799	-0.711	79.2	86.2	0
2002-07-27 21:00	139.5	11.32	119.6	3.365	0.471	78.3	89.1	0
2002-07-27 22:00	149	8.72	109.2	2.517	1.146	78.6	87.6	0
2002-07-27 23:00	161	8.91	132.5	3.32	1.06	78.9	86.4	0
2002-07-28 00:00	154.4	8.76	123.1	2.991	0.862	78.6	86.8	0
2002-07-28 01:00	176.9	11.72	165.4	5.704	0.471	80.1	84.4	0
2002-07-28 02:00	187.2	10.02	193.9	4.604	-0.401	79.9	85.4	0
2002-07-28 03:00	190.8	5.986	192	2.594	-0.635	78.2	90.2	0
2002-07-28 04:00	183.3	8.25	194.9	4.1	-0.629	78.3	91.1	0
2002-07-28 05:00	183.3	9.31	188.8	4.98	-0.633	78.4	90.8	0
2002-07-28 06:00	185.5	9	190.3	4.776	-0.632	78.2	91.5	0
2002-07-28 07:00	183.3	8.05	167.7	3.681	-0.076	77.8	92.4	0
2002-07-28 08:00	179.6	6.519	158.8	3.45	-0.605	78.6	91.1	0
2002-07-28 09:00	183.3	5.162	170.5	3.512	-1.279	81.5	86.7	0
2002-07-28 10:00	206.2	5.981	204.3	4.534	-1.855	84.9	80.2	0
2002-07-28 11:00	209.8	7.19	200	4.75	-1.608	86.5	73.4	0
2002-07-28 12:00	197.4	7.91	201.5	5.266	-1.855	88.4	65.98	0
2002-07-28 13:00	219.8	7.02	227.1	4.783	-2.005	89.6	65.22	0
2002-07-28 14:00	210.5	6.377	214.1	4.537	-1.852	90.4	62.55	0
2002-07-28 15:00	218.6	6.623	231.5	4.862	-1.803	91.4	58.43	0
2002-07-28 16:00	198.4	7.05	193.7	4.719	-1.546	91.7	59.31	0
2002-07-28 17:00	149.4	7.59	161.9	4.087	-1.358	88	69.58	0
2002-07-28 18:00	133	6.046	146.4	3.632	-1.817	90.3	65.51	0
2002-07-28 19:00	151.5	5.754	158	3.19	-1.387	90.4	65.31	0
2002-07-28 20:00	134.8	8.39	133.4	2.584	-0.415	87.8	74.9	0
2002-07-28 21:00	150.8	10.16	147.6	4.469	-0.483	86	75.8	0
2002-07-28 22:00	149.3	11.71	151.7	5.393	-0.446	83.8	78.9	0
2002-07-28 23:00	160.5	11.56	158.8	5.89	-0.657	83.3	76	0
2002-07-29 00:00	151.3	8.87	153.5	3.976	-0.577	81.4	80.2	0
2002-07-29 01:00	140.7	10.47	134.8	3.923	-0.46	79.7	85.5	0
2002-07-29 02:00	164.7	10.39	145	4.983	-0.28	80.1	85.6	0
2002-07-29 03:00	163.4	9.69	148.9	4.717	-0.416	79.1	88.5	0
2002-07-29 04:00	193.9	8.05	203	3.577	-0.56	78.7	88.9	0
2002-07-29 05:00	192.9	6.572	202.8	2.658	-0.449	78.2	90.4	0
2002-07-29 06:00	191.8	7.31	191	3.451	-0.58	78.3	90.7	0
2002-07-29 07:00	159.8	6.643	136.2	2.989	-0.349	77.4	92.9	0
2002-07-29 08:00	136	6.539	127.4	3.079	-0.932	77.8	93.7	0
2002-07-29 09:00	177.5	4.399	171	2.387	-1.179	81.1	88.5	0
2002-07-29 10:00	229	4.896	217.8	3.639	-1.653	84.4	81.8	0
2002-07-29 11:00	245.1	6.243	237.3	3.837	-1.735	86.2	77.3	0
2002-07-29 12:00	255.7	6.205	247.4	3.851	-1.736	87.4	73.7	0
2002-07-29 13:00	246.5	6.776	243.7	4.669	-2.033	89.6	67.8	0
2002-07-29 14:00	256.8	7.07	256.8	4.778	-2.005	90.8	64.04	0
2002-07-29 15:00	241.4	7.77	246.4	5.356	-1.87	91.5	60.07	0
2002-07-29 16:00	224.6	7.49	227.3	5.039	-1.77	91.9	60.65	0
2002-07-29 17:00	199.8	9.18	203.4	4.76	-1.014	89.7	67.45	0
2002-07-29 18:00	163.3	10.47	158.3	5.619	-1.146	84.4	71	0
2002-07-29 19:00	137.9	7.56	130.5	3.501	-1.036	82.2	76.6	0
2002-07-29 20:00	134.5	8.44	129.6	3.503	-1.053	80.8	79.1	0
2002-07-29 21:00	129.9	9.81	116.5	3.074	-0.728	79.2	82.9	0
2002-07-29 22:00	128.4	8.56	129.2	2.786	-0.863	78.2	86.5	0

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2002-07-29 23:00	141.3	8.41	129.9	2.864	-0.612	77.2	88.4	0
2002-07-30 00:00	186.8	7.74	195.2	3.407	-0.475	77.3	86.9	0
2002-07-30 01:00	124.6	6.955	123	2.385	-0.823	76.4	89.9	0
2002-07-30 02:00	157.2	8.15	142	3.572	-0.415	76	93.3	0
2002-07-30 03:00	152.4	6.508	131.9	2.638	-0.55	75.8	94.7	0
2002-07-30 04:00	198.6	7.87	191.3	3.138	-0.609	76.8	94.7	0
2002-07-30 05:00	204.7	6.959	199.6	2.87	-0.672	77.1	94.7	0
2002-07-30 06:00	201.5	6.851	188.3	2.615	-0.611	77.4	95	0
2002-07-30 07:00	206.6	7.14	182.7	2.812	-0.483	77.3	95.7	0
2002-07-30 08:00	199.9	5.286	195.9	2.741	-1.11	78	95.8	0
2002-07-30 09:00	221.5	4.216	218.2	3.298	-1.426	79	95.9	0
2002-07-30 10:00	222.1	3.469	220.2	2.966	-1.52	80.8	93.5	0
2002-07-30 11:00	230.7	6.024	224.6	4.767	-1.921	83.7	85.3	0
2002-07-30 12:00	230.3	6.31	227.9	4.949	-2.044	86.3	75.4	0
2002-07-30 13:00	231.3	4.995	224	4.145	-2.017	88.1	71.6	0
2002-07-30 14:00	243.1	4.496	234.3	3.446	-1.963	89.6	63.06	0
2002-07-30 15:00	236.7	4.325	240.2	3.464	-1.875	90.3	62.8	0
2002-07-30 16:00	210.6	4.117	216.6	3.513	-1.756	91.1	61.35	0
2002-07-30 17:00	341.1	7.11	5.23	4.949	-0.972	84.5	72.1	0.07
2002-07-30 18:00	210.2	17.58	209.7	10.32	-0.915	76.2	91.7	0.96
2002-07-30 19:00	174.2	6.846	166.2	3.846	-1.209	75.8	92.9	0
2002-07-30 20:00	133.6	6.475	138.7	2.851	-1.124	75.8	92.8	0
2002-07-30 21:00	118.7	5.5	96.6	1.687	-0.271	75.1	95.5	0
2002-07-30 22:00	149.3	7.64	147.6	3.276	-0.382	75.1	97	0
2002-07-30 23:00	140.4	10.83	122.5	3.937	-0.386	75	95.9	0
2002-07-31 00:00	152.6	11.02	142.4	4.586	-0.215	75	95	0
2002-07-31 01:00	167.5	11.69	164.4	5.806	-0.339	75.8	91.5	0
2002-07-31 02:00	168.6	8.76	173.6	4.091	-0.595	75.3	91.3	0
2002-07-31 03:00	188.4	6.27	196.1	2.911	-0.617	74.5	92.2	0
2002-07-31 04:00	196.9	6.607	188.1	2.826	-0.558	74	92.8	0
2002-07-31 05:00	212.9	6.065	182	1.619	-0.16	73.5	94.7	0
2002-07-31 06:00	209.7	6.237	187.3	1.811	-0.343	73.3	94.8	0
2002-07-31 07:00	204.1	4.667	146.4	1.316	-0.132	73.3	96.3	0
2002-07-31 08:00	171.3	3.531	153.8	1.874	-0.905	74.6	97.3	0
2002-07-31 09:00	198.3	3.332	199.8	2.747	-1.405	76.3	95.9	0
2002-07-31 10:00	223.3	5.111	216.7	4.086	-1.606	77.9	94.8	0
2002-07-31 11:00	243.1	6.754	240.8	4.895	-1.852	81.5	87.4	0
2002-07-31 12:00	220.9	5.692	217.4	4.541	-1.961	83.9	80.3	0
2002-07-31 13:00	218.5	4.556	221.6	3.861	-1.922	85.7	76.4	0
2002-07-31 14:00	218.3	3.8	197.5	3.463	-1.809	87.5	72.6	0
2002-07-31 15:00	184.3	4.879	181.2	3.862	-1.909	89.1	69.79	0
2002-07-31 16:00	189.8	5.719	192.5	4.47	-1.886	90.5	66.12	0
2002-07-31 17:00	199.1	7.32	212.8	5.348	-1.486	90.4	65.89	0
2002-07-31 18:00	185.4	7.44	179.5	3.603	-0.359	88.4	68.64	0
2002-07-31 19:00	137.9	6.77	86	3.521	-0.205	86.2	74	0
2002-07-31 20:00	334.2	14.42	337.4	7.47	-0.819	76.6	87.2	0.85
2002-07-31 21:00	137.2	9.92	96.2	4.641	0.719	73.3	89.3	0.16
2002-07-31 22:00	148.3	10.08	155.8	3.859	-0.113	72.4	93.7	0.04
2002-07-31 23:00	140.8	8.7	131.4	3.415	-0.596	72.3	95.2	0.01
2002-08-01 00:00	135.7	9.89	133.7	3.653	-0.589	72.5	96.8	0
2002-08-01 01:00	165.6	6.145	163.2	2.841	-0.128	73.2	97	0
2002-08-01 02:00	186	5.227	155.2	2.065	0.073	73.5	94.5	0
2002-08-01 03:00	213.9	7.41	201.3	2.681	-0.024	73.4	95	0
2002-08-01 04:00	222.4	8.24	197.1	3.164	-0.037	73.7	93.3	0
2002-08-01 05:00	201.7	5.51	127.2	1.46	0.312	73.6	94.1	0
2002-08-01 06:00	201.6	5.699	161.7	1.713	0.107	74.3	93.1	0

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2002-08-01 07:00	208.9	6.798	185.6	2.042	-0.196	74.8	92.8	0
2002-08-01 08:00	218.4	7.09	204.7	2.736	-0.705	75.6	93.3	0
2002-08-01 09:00	185.8	5.821	166	3.066	-1.11	77.4	93.9	0
2002-08-01 10:00	187.3	4.116	169.6	3.406	-1.509	80.7	88.6	0
2002-08-01 11:00	153.8	4.148	166.7	3.796	-1.62	82.8	84.4	0
2002-08-01 12:00	241	2.409	291	2.401	-1.638	85.4	77.1	0
2002-08-01 13:00	96	2.735	71.5	2.671	-1.61	86.6	75.4	0
2002-08-01 14:00	111.3	6.608	97.7	4.178	-1.552	86.8	77.2	0
2002-08-01 15:00	94.4	7.42	68.49	4.704	-1.619	84.3	76.4	0
2002-08-01 16:00	53.58	5.538	43.14	3.541	-1.179	81.6	84.3	0
2002-08-01 17:00	242.8	1.785	259.5	2.119	-1.588	86.1	76.6	0
2002-08-01 18:00	106.6	2.682	157.6	2.025	-1.682	88.8	70.6	0
2002-08-01 19:00	117	4.854	115.6	2.157	-1.17	87.2	78.5	0
2002-08-01 20:00	116.9	7.04	74.2	1.717	-0.188	84.9	85.8	0
2002-08-01 21:00	139.5	8.98	111.8	2.454	0.907	83.4	86.9	0
2002-08-01 22:00	157.8	7.79	114.9	2.436	1.714	82.7	85.5	0
2002-08-01 23:00	166.8	5.949	82.4	1.47	3.278	81.2	87.3	0
2002-08-02 00:00	159.1	6.105	93	1.632	2.987	80.4	90.4	0
2002-08-02 01:00	175.6	5.707	76.9	1.715	3.153	79.6	93.6	0
2002-08-02 02:00	194.8	5.188	65.95	1.431	3.837	78.5	96.2	0
2002-08-02 03:00	203.7	5.707	65.65	1.144	3.123	78.1	96.8	0
2002-08-02 04:00	234.6	5.534	188.9	1.016	0.879	78.6	93.8	0
2002-08-02 05:00	236.2	5.808	109.8	1.083	1.493	77.6	95.9	0
2002-08-02 06:00	223.2	5.308	87.9	1.04	2.117	77.1	98	0
2002-08-02 07:00	205.6	5.2	99.5	1.293	1.499	77.4	97.3	0
2002-08-02 08:00	170.5	4.303	119.8	1.224	1.058	77.3	97.2	0
2002-08-02 09:00	256.5	3.399	240.6	2.203	-1.46	81.1	91.2	0
2002-08-02 10:00	334.9	3.527	299.6	2.511	-1.65	83.4	83.8	0
2002-08-02 11:00	142.2	2.595	155.7	2.378	-1.716	86.3	74.6	0
2002-08-02 12:00	309.5	4.774	300.8	3.704	-1.976	88.2	74.4	0
2002-08-02 13:00	308.1	7.08	292.8	4.651	-1.888	89.3	72.6	0
2002-08-02 14:00	96.2	11.6	105.3	6.627	2.058	77.7	85.1	0.44
2002-08-02 15:00	153.7	3.311	132.9	2.282	-0.04	81.6	87.6	0
2002-08-02 16:00	296.3	2.166	323.3	1.807	-0.218	85.7	79.6	0
2002-08-02 17:00	218.8	2.729	218.3	2.771	-1.855	89	75.2	0
2002-08-02 18:00	185.5	2.662	186.3	2.201	-1.464	89.6	72	0
2002-08-02 19:00	102.4	2.012	100	1.182	-0.087	88.8	78.2	0
2002-08-02 20:00	176.7	2.486	83	1.453	2.478	85	89.6	0
2002-08-02 21:00	129	3.649	61.06	1.641	4.213	83.3	95.9	0
2002-08-02 22:00	42.48	3.119	45.34	1.579	3.215	82.3	97.6	0
2002-08-02 23:00	78	5.658	102	2.152	2.13	81.9	97.7	0
2002-08-03 00:00	113.9	8.4	92.5	2.313	-0.34	80.3	88.1	0
2002-08-03 01:00	110	9.28	100.4	2.815	-0.262	78.6	87.4	0
2002-08-03 02:00	88.7	5.139	50.93	2.018	0.002	77.1	88.9	0
2002-08-03 03:00	289	1.685	73.2	1.723	2.37	75.6	94.2	0
2002-08-03 04:00	132.2	3.681	101.5	1.904	3.786	74.7	97.3	0
2002-08-03 05:00	107.6	2.467	107.7	1.408	3.881	74.1	98.2	0
2002-08-03 06:00	299.5	2.269	63.34	1.724	2.778	73.8	98.8	0
2002-08-03 07:00	355.4	4.836	41.58	2.049	1.856	74.5	99	0
2002-08-03 08:00	13.47	3.711	44.25	1.646	0.501	76	98.8	0
2002-08-03 09:00	46.72	3.203	32.28	2.674	-1.178	79.8	91.3	0
2002-08-03 10:00	67.14	4.756	55.83	3.744	-1.457	83.1	76	0
2002-08-03 11:00	82.8	4.098	66.95	3.189	-1.551	86	72.5	0
2002-08-03 12:00	110	5.02	122.2	3.61	-1.746	88.8	68.04	0
2002-08-03 13:00	99.2	5.561	99.4	4.112	-1.694	90.4	64.39	0
2002-08-03 14:00	72.6	6.592	47.62	5.284	-1.656	91.3	61.94	0

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2002-08-03 15:00	91.2	5.576	78	3.882	-1.586	92.4	57.83	0
2002-08-03 16:00	93.9	5.859	86.9	3.606	-1.521	93	55.05	0
2002-08-03 17:00	82.6	4.508	65.13	3.031	-1.451	92.9	56.38	0
2002-08-03 18:00	68.22	4.225	60.38	2.368	-0.988	92	60.74	0
2002-08-03 19:00	64.06	4.202	58.17	1.428	1.098	89.3	75.4	0
2002-08-03 20:00	35.79	3.479	49.71	1.547	3.82	85.9	83.7	0
2002-08-03 21:00	66.69	7.88	71.5	1.969	4.533	84.8	79.1	0
2002-08-03 22:00	61.94	6.4	62.86	1.966	6.503	82.6	84.1	0
2002-08-03 23:00	81.9	7.74	77.2	2.566	3.517	83.4	78.9	0
2002-08-04 00:00	88.5	9.57	74.2	2.68	0.252	82.9	77.6	0
2002-08-04 01:00	102.8	8.73	89	2.056	0.512	80.9	84.8	0
2002-08-04 02:00	111.9	8.9	64.28	2.388	-0.207	79.5	91.6	0
2002-08-04 03:00	108.3	8.91	67.79	2.412	0.147	79.1	89.3	0
2002-08-04 04:00	97.4	7.85	60.02	2.86	0.052	78.8	87.5	0
2002-08-04 05:00	103.1	5.849	58.24	2.24	-0.525	77.7	89.1	0
2002-08-04 06:00	85.2	5.269	54.43	1.716	0.237	76.3	93.1	0
2002-08-04 07:00	95.5	5.972	39.71	2.218	-0.072	75.8	94.4	0
2002-08-04 08:00	81.4	4.967	36.93	2.416	-0.866	77	90.4	0
2002-08-04 09:00	93.4	4.296	70.9	2.668	-1.299	79.5	84.3	0
2002-08-04 10:00	97	4.524	74.7	3.329	-1.401	82.7	77	0
2002-08-04 11:00	91.5	6.129	71.1	4.087	-1.562	85.7	70.6	0
2002-08-04 12:00	82.8	6.07	58.76	4.739	-1.68	88.2	63.46	0
2002-08-04 13:00	87.9	6.858	79	4.585	-1.712	89.6	57.49	0
2002-08-04 14:00	61.43	6.595	46.07	5.057	-1.651	90	55.66	0
2002-08-04 15:00	69.47	5.647	52.41	4.334	-1.607	90.9	53.09	0
2002-08-04 16:00	62.13	7.1	49.72	5.076	-1.604	91.3	53.34	0
2002-08-04 17:00	66.08	8.14	49.26	5.309	-1.527	91.5	52.52	0
2002-08-04 18:00	75.7	7.27	50.18	4.391	-1.311	90.9	54.98	0
2002-08-04 19:00	66.82	6.879	61.11	2.787	-0.372	89	60.38	0
2002-08-04 20:00	61.69	7.24	53.75	2.041	2.382	85	72.8	0
2002-08-04 21:00	52.3	8.35	40.81	2.748	4.331	81.9	78.5	0
2002-08-04 22:00	81	8.55	51.03	2.73	2.237	81.7	76.6	0
2002-08-04 23:00	88.7	7.61	59.9	2.117	2.496	80.6	76.5	0
2002-08-05 00:00	87.3	7.84	62.8	1.983	2.869	79.5	77.2	0
2002-08-05 01:00	68.4	8.54	48.84	2.634	3.339	78.4	80.5	0
2002-08-05 02:00	55.19	9.33	39.07	3.705	1.82	78.9	80	0
2002-08-05 03:00	60.28	8.61	49.5	2.913	0.704	78.4	80.3	0
2002-08-05 04:00	64.98	8.61	45.96	3.468	0.2	77.4	82.2	0
2002-08-05 05:00	64.72	8.13	40.36	3.657	0.158	76.4	85.3	0
2002-08-05 06:00	60.73	8.15	38.76	3.674	-0.146	76.4	85.1	0
2002-08-05 07:00	39.95	9.2	30.76	4.776	-0.339	76.1	87	0
2002-08-05 08:00	46.11	9.46	36.41	5.552	-0.761	78.1	80.6	0
2002-08-05 09:00	48.25	10.71	40.35	7.16	-1.354	79.4	79.2	0
2002-08-05 10:00	52.5	12.64	43.25	9.38	-1.541	81.5	75	0
2002-08-05 11:00	57.49	11.1	47.51	8	-1.629	83	72.6	0
2002-08-05 12:00	54.96	10.82	45.47	7.58	-1.67	83.4	72.2	0
2002-08-05 13:00	50.22	10.5	43.21	7.55	-1.55	84	71.4	0
2002-08-05 14:00	66.9	9.68	50.42	6.873	-1.48	84.4	71.7	0
2002-08-05 15:00	48.69	10.7	39.43	7.09	-1.209	81.9	80.5	0.16
2002-08-05 16:00	45.38	11.28	35.18	7.03	-1.025	79.1	88	0.46
2002-08-05 17:00	44.47	11.14	35.97	6.47	-0.829	77.4	92.5	0.01
2002-08-05 18:00	42.75	9.44	34.45	6.138	-1.256	79.2	93	0
2002-08-05 19:00	66.92	6.082	54.27	3.647	-1.233	80	90.8	0.03
2002-08-05 20:00	60.6	5.996	45.85	2.884	-0.671	78.8	93.3	0
2002-08-05 21:00	46.11	7.11	36.85	3.505	-0.586	77.5	95.9	0
2002-08-05 22:00	75.3	7.76	49.46	3.441	-0.616	77.6	95.1	0

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2002-08-05 23:00	67.68	8.08	43.83	3.902	-0.614	77.2	93.5	0
2002-08-06 00:00	71.4	7.84	46.61	3.883	-0.728	76.8	94.2	0
2002-08-06 01:00	68.41	7.7	42.5	4.017	-0.65	76.2	95.9	0
2002-08-06 02:00	69.32	8.38	46.37	3.992	-0.734	76.1	96.4	0
2002-08-06 03:00	75	8.78	47.76	4.695	-0.842	76.1	97	0
2002-08-06 04:00	77.9	8.84	49.9	4.66	-0.884	76.1	96.8	0
2002-08-06 05:00	72.4	8.68	48.01	4.623	-0.869	75.7	97.4	0
2002-08-06 06:00	80.4	7.33	52.11	3.367	-0.881	75.6	97.8	0
2002-08-06 07:00	69.81	7.75	46.44	4.33	-1.005	75.8	97.9	0
2002-08-06 08:00	56.59	8.96	40.84	5.874	-1.072	76.3	97	0
2002-08-06 09:00	52.75	9.03	40.95	7.03	-1.222	77.3	94.9	0
2002-08-06 10:00	59.43	8.02	45.92	6.041	-1.355	79.3	89.3	0
2002-08-06 11:00	54.46	8.67	44.89	7	-1.457	81.6	82.4	0
2002-08-06 12:00	55.61	8.47	41.82	6.867	-1.7	83.9	77.5	0
2002-08-06 13:00	56.5	7.77	42	6.059	-1.59	85.6	73.9	0
2002-08-06 14:00	60.19	9.84	43.29	7.78	-1.707	87.7	67.93	0
2002-08-06 15:00	69.12	9.87	48.8	6.859	-1.683	89.2	63.79	0
2002-08-06 16:00	74.5	7.72	58.48	4.203	-1.105	88.9	65.01	0
2002-08-06 17:00	68.96	7.42	54.79	4.836	-1.598	90.5	62.49	0
2002-08-06 18:00	71.5	7.67	52.41	4.869	-1.373	90.3	61.37	0
2002-08-06 19:00	86.1	6.513	70.5	3.153	-0.962	89.2	65.3	0
2002-08-06 20:00	102.1	4.629	68.64	1.988	1.01	85.8	73.4	0
2002-08-06 21:00	141.7	5.509	98.2	1.566	2.728	82.7	80.1	0
2002-08-06 22:00	175	4.549	89.1	1.601	3.265	80.3	89.5	0
2002-08-06 23:00	186.2	3.271	69.44	1.697	3.614	79.3	92.7	0
2002-08-07 00:00	179.1	4.9	87.1	1.318	3.112	78.8	92.9	0
2002-08-07 01:00	244.8	3.32	48.54	2.04	2.627	78.2	93.4	0
2002-08-07 02:00	318.3	3.892	75.9	1.966	2.632	77.8	94.5	0
2002-08-07 03:00	248.3	3.092	97.3	1.404	2.361	77	97.1	0
2002-08-07 04:00	280.4	2.031	78	1.615	2.057	76.6	98.6	0
2002-08-07 05:00	277.2	3.596	69.59	1.283	1.306	76.6	99.3	0
2002-08-07 06:00	282.7	4.321	47	0.936	0.676	77	99.7	0
2002-08-07 07:00	305.1	5.675	21.71	1.331	1.214	77	99.7	0
2002-08-07 08:00	344.9	4.256	5.975	1.715	-0.738	78.1	98.6	0
2002-08-07 09:00	35.17	4.264	32.18	3.362	-1.287	80.1	93.1	0
2002-08-07 10:00	60.77	4.736	52.34	3.528	-1.544	82.9	81.4	0
2002-08-07 11:00	31.15	4.455	30.67	3.332	-1.855	85.4	79.1	0
2002-08-07 12:00	354.4	4.154	349.7	3.42	-1.748	87	77.2	0
2002-08-07 13:00	332.9	6.071	339.7	4.824	-1.829	88.5	74.8	0
2002-08-07 14:00	338.4	7.25	349.1	5.286	-1.933	89.8	71.7	0
2002-08-07 15:00	17.46	7.92	15.72	6.196	-1.789	91	66.65	0
2002-08-07 16:00	7.33	9.45	3.32	6.781	-1.738	91.6	63.9	0
2002-08-07 17:00	9.34	8.61	8.18	6.431	-1.638	91.4	63.45	0
2002-08-07 18:00	12.5	9.55	14.34	6.714	-1.402	90.2	61.62	0
2002-08-07 19:00	17.63	9.35	15.95	4.97	-0.736	87.9	60.7	0
2002-08-07 20:00	22.7	10.85	21.83	5.666	-0.328	85.8	58.41	0
2002-08-07 21:00	21.96	11.01	23.71	5.815	-0.165	83.6	55.15	0
2002-08-07 22:00	25.9	10.02	21.58	5.145	-0.285	81.8	57.86	0
2002-08-07 23:00	34.46	7.75	30.46	2.625	0.619	79.7	62.41	0
2002-08-08 00:00	39.43	9.04	40.57	3.192	1.661	77.8	67.15	0
2002-08-08 01:00	39.31	7.36	60.56	2.167	2.154	75.8	73.1	0
2002-08-08 02:00	38.12	7.51	54.73	1.875	2.91	74.3	77.2	0
2002-08-08 03:00	31.55	4.779	76.2	2.111	2.877	73.3	79.9	0
2002-08-08 04:00	23.48	5.211	111.8	1.175	2.905	72.5	81.6	0
2002-08-08 05:00	344.8	5.012	354.4	1.697	1.698	72.6	82.1	0
2002-08-08 06:00	351	5.993	24.17	2.341	0.704	72.8	85.1	0

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2002-08-08 07:00	8	5.976	25.74	2.266	-0.197	72.2	84.7	0
2002-08-08 08:00	17.72	4.948	23.4	2.349	-1.011	72.8	85.7	0
2002-08-08 09:00	50.74	4.189	38.01	2.99	-1.455	76.1	80.1	0
2002-08-08 10:00	80.4	2.783	83.7	2.266	-1.767	80	75.3	0
2002-08-08 11:00	347.8	2.722	343.8	2.695	-1.851	83.2	74.4	0
2002-08-08 12:00	306	3.984	288.2	3.506	-1.988	85.2	73.1	0
2002-08-08 13:00	316.8	4.811	308.5	4.166	-1.997	87.4	69.81	0
2002-08-08 14:00	349.4	6.037	358.3	5.154	-1.845	88.8	63.46	0
2002-08-08 15:00	332.1	6.064	337	4.466	-2.006	90.4	64.06	0
2002-08-08 16:00	323.8	5.186	314.7	3.826	-1.976	91.3	62.33	0
2002-08-08 17:00	338.7	4.9	334.6	3.532	-1.774	91.7	61.73	0
2002-08-08 18:00	339.1	5.078	333.6	3.25	-1.413	91.5	63.23	0
2002-08-08 19:00	34.18	4.576	35.06	2.215	0.385	89.9	73.5	0
2002-08-08 20:00	36.26	7.18	37.98	2.618	3.196	86.4	81.6	0
2002-08-08 21:00	57.06	10.09	43.81	4.203	1.728	85.6	78	0
2002-08-08 22:00	118.5	12.1	116	4.946	-1.039	83.7	78	0
2002-08-08 23:00	134.8	12.84	147.8	6.33	-1.044	81.4	83.8	0
2002-08-09 00:00	129.4	11.58	144.4	4.756	-0.965	80.1	88.1	0
2002-08-09 01:00	119.5	8.98	124.5	2.622	-0.993	79	91.8	0
2002-08-09 02:00	127	8.14	133.3	2.534	-0.851	78.3	93.7	0
2002-08-09 03:00	135.3	9.44	96.9	2.679	-0.465	77.9	94	0
2002-08-09 04:00	105.6	7.78	51.39	3.571	-0.724	77	95.5	0
2002-08-09 05:00	108.8	7.48	52.9	2.609	-0.614	76.4	96.2	0
2002-08-09 06:00	112.6	8.44	63.84	2.304	-0.635	76	95.7	0
2002-08-09 07:00	107.7	8.43	54.49	2.803	-0.608	75.6	94.7	0
2002-08-09 08:00	110.9	6.879	84.3	2.359	-0.839	76.4	92	0
2002-08-09 09:00	125.8	7.3	134.7	3.393	-1.382	79.1	83.8	0
2002-08-09 10:00	128.9	6.875	134.4	4.063	-1.715	82.4	75.4	0
2002-08-09 11:00	145.3	7.29	155.6	4.851	-1.844	85.3	64.95	0
2002-08-09 12:00	144.7	6.685	151.4	4.533	-1.982	87.5	57.1	0
2002-08-09 13:00	127.6	7.42	143.2	4.974	-1.878	89	50.86	0
2002-08-09 14:00	138.8	7.21	146	4.924	-1.924	89.9	49.26	0
2002-08-09 15:00	129.5	7.6	131.5	4.48	-1.817	90.4	47.05	0
2002-08-09 16:00	121.5	6.488	124.1	4.118	-1.791	90.6	47.95	0
2002-08-09 17:00	128	6.68	132.5	3.649	-1.7	90.4	49.06	0
2002-08-09 18:00	124.8	6.477	121.8	2.861	-1.311	89.2	51.51	0
2002-08-09 19:00	124	7.15	105.8	2.158	-0.536	86.8	56.16	0
2002-08-09 20:00	131	7.63	60.57	2.389	2.294	82.9	63.55	0
2002-08-09 21:00	119.8	7.8	57.52	2.75	4.471	79.5	69.46	0
2002-08-09 22:00	123.5	9.45	58.81	2.675	4.392	78.7	68.76	0
2002-08-09 23:00	126.7	9.04	73.5	2.282	3.333	77.2	71.8	0
2002-08-10 00:00	127.5	8.14	75.4	2.578	1.604	76.6	72.9	0
2002-08-10 01:00	155.6	7.91	78.8	2.087	3.429	74.5	80	0
2002-08-10 02:00	163.5	7.13	81.3	1.688	4.325	73.1	84.2	0
2002-08-10 03:00	148.8	6.334	86.6	1.36	3.827	72.3	86.1	0
2002-08-10 04:00	146.8	6.993	88.7	1.195	5.341	70.8	90.5	0
2002-08-10 05:00	142.4	8.94	108.2	2.549	4.616	70.6	91.1	0
2002-08-10 06:00	131.7	9.37	97.4	2.855	4.459	70.3	90.4	0
2002-08-10 07:00	121.8	8.9	91.9	3.215	4.583	69.83	90.2	0
2002-08-10 08:00	89	5.831	44.17	1.472	1.77	70.5	89.4	0
2002-08-10 09:00	88.7	2.879	92	1.731	-0.997	75.1	80.2	0
2002-08-10 10:00	55.21	2.847	46.59	2.298	-1.629	80.1	69.35	0
2002-08-10 11:00	50.19	4.771	43.19	4.062	-1.733	83.6	60.29	0
2002-08-10 12:00	84	5.938	60.16	4.537	-1.635	85.8	52.77	0
2002-08-10 13:00	91.2	7.38	66.35	4.993	-1.696	87.5	48.12	0
2002-08-10 14:00	109.8	6.897	114	4.716	-1.8	89.7	42.53	0

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2002-08-10 15:00	115.6	7.48	107.7	4.521	-1.74	90.5	41.93	0
2002-08-10 16:00	101.1	6.054	68.85	3.574	-1.372	90.1	43.69	0
2002-08-10 17:00	110.2	5.885	95.7	2.934	-1.46	90.1	47.25	0
2002-08-10 18:00	100.5	5.722	78.8	2.889	-1.226	89.4	49.62	0
2002-08-10 19:00	88.2	5.929	49.22	2.605	0.342	86.5	60.69	0
2002-08-10 20:00	79.6	8.2	54.89	2.722	0.837	83.9	60.35	0
2002-08-10 21:00	89	9.29	49.64	3.174	1.283	81.7	60.47	0
2002-08-10 22:00	97.7	7.7	48.71	2.355	3.015	79.2	63.62	0
2002-08-10 23:00	104.5	8.23	51.78	2.496	4.312	76.9	69.07	0
2002-08-11 00:00	101.8	8.14	50.4	2.647	3.834	76	70.3	0
2002-08-11 01:00	98	9.01	50.66	2.415	2.616	75.2	72.1	0
2002-08-11 02:00	109.4	8.77	53.78	2.317	1.418	73.4	77.5	0
2002-08-11 03:00	124.5	9.26	82.7	2.062	2.876	72.2	80.7	0
2002-08-11 04:00	139.1	8.31	91.9	1.393	7.25	70.2	88.2	0
2002-08-11 05:00	127	9.62	99.3	2.356	4.836	69.96	88.4	0
2002-08-11 06:00	112.7	8.42	88.5	2.904	3.209	70.4	85.2	0
2002-08-11 07:00	95.2	9.05	81.2	2.499	3.247	69.87	87.1	0
2002-08-11 08:00	83.5	9.26	54.98	3.149	0.439	71.9	84.3	0
2002-08-11 09:00	88.6	4.975	66.45	2.245	-1.119	76.2	81.1	0
2002-08-11 10:00	101.3	5.816	94.3	3.354	-1.651	79.9	75.9	0
2002-08-11 11:00	104.1	6.715	106	4.269	-1.714	83.2	70.9	0
2002-08-11 12:00	116.7	7.45	114	4.738	-1.786	85.4	67.58	0
2002-08-11 13:00	98.1	7.48	81.5	5.192	-1.88	86.8	65.68	0
2002-08-11 14:00	83.7	4.793	67.38	3.983	-1.571	87.6	64.99	0
2002-08-11 15:00	80.3	4.463	52.97	3.317	-1.498	87.5	64.15	0
2002-08-11 16:00	70.4	5.833	54.77	3.809	-1.187	87.8	64.65	0
2002-08-11 17:00	45.91	6.728	34.67	4.784	-1.401	87.6	64.66	0
2002-08-11 18:00	123.2	9.43	128.3	5.358	-1.241	85.6	70.3	0
2002-08-11 19:00	135.9	10.15	134.4	4.175	-0.887	83.4	69.98	0
2002-08-11 20:00	139.7	9.56	136.9	3.705	-0.793	82	75.4	0
2002-08-11 21:00	133.5	6.938	106.5	2.819	-0.395	80.7	79.8	0
2002-08-11 22:00	123	7.15	62.86	2.251	-0.638	79.9	82.4	0
2002-08-11 23:00	119	6.454	44.56	2.378	-0.328	78.2	87.3	0
2002-08-12 00:00	122.2	7.16	63.08	2.107	-0.319	77.3	90	0
2002-08-12 01:00	120.6	7.51	63.09	2.279	-0.727	76.6	91.6	0
2002-08-12 02:00	116.2	8.47	58.35	2.852	-0.699	75.3	94.2	0
2002-08-12 03:00	113.7	6.198	67.72	1.898	-0.87	74.3	95.6	0
2002-08-12 04:00	119.4	7.17	110.6	2.15	-0.916	73.9	96.4	0
2002-08-12 05:00	125.4	8.29	136.5	2.631	-0.968	73.6	97.1	0
2002-08-12 06:00	123	8.8	107.1	2.263	-0.869	73.4	97.3	0
2002-08-12 07:00	118.7	8.22	137.2	2.03	-0.907	73.2	97.6	0
2002-08-12 08:00	115	7.89	129.7	2.279	-1.054	74.4	97.6	0
2002-08-12 09:00	126.5	9.29	141	4.377	-1.367	78.1	91.7	0
2002-08-12 10:00	124.7	4.088	153.2	2.671	-1.604	80.7	87	0
2002-08-12 11:00	158.3	3.287	201.8	2.526	-1.549	83.2	82.2	0
2002-08-12 12:00	170.4	7.31	178.2	4.879	-1.932	86.6	70.8	0
2002-08-12 13:00	197.4	9.99	202.2	6.99	-1.789	84.9	66.9	0
2002-08-12 14:00	203	4.873	210.3	3.627	-1.832	83.8	71.7	0
2002-08-12 15:00	154.1	14.09	160.4	8.09	-1.894	83.6	70.5	0
2002-08-12 16:00	112.8	7.1	81.5	3.362	-1.383	80.9	80.7	0
2002-08-12 17:00	108.5	8.2	92.6	4.07	-1.58	81	83	0
2002-08-12 18:00	125.7	8.44	134.1	4.216	-1.62	82.1	81.8	0
2002-08-12 19:00	193	9.34	188.2	3.793	-0.108	79.8	90.4	0.41
2002-08-12 20:00	153.1	11.7	156.4	5.297	-0.294	78.1	88.2	0
2002-08-12 21:00	127.8	11.42	109.8	3.613	-0.444	75.5	91.1	0
2002-08-12 22:00	142.2	12.66	137.2	5.28	-0.459	74.9	90.8	0

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2002-08-12 23:00	130.8	10.24	109	3.707	-0.628	74.2	91.8	0
2002-08-13 00:00	126.1	9.12	124.9	2.177	-0.623	73.5	93.6	0
2002-08-13 01:00	139.9	7.97	129.7	2.471	-0.319	73.1	94.6	0
2002-08-13 02:00	145.4	9.8	131.6	3.384	-0.222	73.3	92.6	0
2002-08-13 03:00	178.1	8.1	200.9	2.986	-0.073	74	88.2	0
2002-08-13 04:00	124.3	6.696	67.12	2.473	-0.517	72.4	92.8	0
2002-08-13 05:00	135.6	8.36	123.2	2.483	-0.309	71.9	94.9	0
2002-08-13 06:00	133.8	4.866	41.64	1.84	-0.288	71.8	95.8	0
2002-08-13 07:00	130	6.713	86.7	2.001	-0.159	71.7	96.6	0
2002-08-13 08:00	122.1	7.21	102	2.497	-0.723	72.8	96	0
2002-08-13 09:00	136.2	7.23	135.9	3.525	-1.301	76.8	91	0
2002-08-13 10:00	178.2	6.454	182.1	4.267	-1.475	82	81	0
2002-08-13 11:00	179.3	8.75	192.2	6.15	-1.595	84.7	73.4	0
2002-08-13 12:00	183.8	9.13	199.3	6.301	-1.703	86.7	69.04	0
2002-08-13 13:00	190.7	7.95	191.6	6.144	-1.687	87.8	67.19	0
2002-08-13 14:00	218.2	8.01	224.8	5.02	-1.354	87.2	69.17	0
2002-08-13 15:00	160.3	10.54	164.9	6.173	-1.433	83.3	75	0.07
2002-08-13 16:00	149.6	12.69	151.1	6.738	-1.312	83	75.5	0
2002-08-13 17:00	209.8	10.73	193.4	4.98	-0.558	75	88	0.05
2002-08-13 18:00	156.9	7.93	153.3	4.133	-1.089	78	89.1	0
2002-08-13 19:00	170.6	11.26	170.1	6.05	-0.667	78.3	83.1	0
2002-08-13 20:00	188.8	8.02	197.1	4.192	-0.877	78.1	82.7	0
2002-08-13 21:00	169.5	12.1	164.4	6.81	-0.821	77.3	82	0
2002-08-13 22:00	185.2	10.6	196.7	6.253	-0.938	75.7	84.6	0
2002-08-13 23:00	141.3	8.13	135.7	3.609	-0.901	74.6	88.7	0
2002-08-14 00:00	132.7	10.35	132.5	4.182	-0.854	73.7	91.4	0
2002-08-14 01:00	125.5	8.03	111.6	2.918	-0.925	73	94.3	0
2002-08-14 02:00	117	7.71	79.8	2.745	-0.474	72.6	94.5	0
2002-08-14 03:00	124.5	10.01	94.1	3.229	-0.171	72	95.1	0
2002-08-14 04:00	147.5	9.96	101.9	2.852	0.691	72.9	92.1	0
2002-08-14 05:00	178	7.59	191.3	3.241	-0.266	75	88.4	0
2002-08-14 06:00	178	12.3	183.6	6.373	-0.548	76.4	89	0
2002-08-14 07:00	184.6	10.69	197.6	6.086	-0.857	76.7	87.4	0
2002-08-14 08:00	181.1	8.98	191.4	5.008	-0.97	76.7	87.4	0
2002-08-14 09:00	167.8	8.94	163.8	5.197	-1.176	79.1	85.3	0
2002-08-14 10:00	180.5	11.5	186.8	6.271	-1.187	80.6	82.1	0
2002-08-14 11:00	199.5	5.37	215	3.437	-1.313	80.6	86.2	0
2002-08-14 12:00	197.8	10.83	201	6.832	-1.432	81.2	81.8	0.01
2002-08-14 13:00	204.9	5.745	215.5	4.023	-1.618	79.7	87.6	0.01
2002-08-14 14:00	244.5	7.87	242.6	4.749	-1.821	82.5	83.4	0
2002-08-14 15:00	226.2	8.38	224.2	5.423	-1.85	83.6	79.5	0
2002-08-14 16:00	203.9	10.09	207.5	6.715	-1.515	82.7	78.8	0
2002-08-14 17:00	171.2	11.45	174.7	7.14	-1.43	80.5	77.8	0
2002-08-14 18:00	156	10.07	158.6	5.756	-1.237	80.9	75.2	0
2002-08-14 19:00	132.9	5.841	121.3	2.768	-1.251	80.3	79.4	0
2002-08-14 20:00	106.8	4.492	84.4	2.095	-0.904	78.6	85.3	0
2002-08-14 21:00	108.5	7.21	104.3	2.148	-0.637	76.8	90.3	0
2002-08-14 22:00	118	7.82	105	2.325	-0.602	75.9	93	0
2002-08-14 23:00	143.3	10.61	128	3.902	-0.195	75.6	93.9	0
2002-08-15 00:00	138.9	10.43	124	3.971	-0.286	75.6	92.1	0
2002-08-15 01:00	129.1	9.03	129.3	2.713	-0.831	75	95.3	0
2002-08-15 02:00	124.2	8.75	141.1	2.478	-0.806	75	96.2	0
2002-08-15 03:00	120.7	9.48	128.9	2.675	-0.827	75.2	96.6	0
2002-08-15 04:00	132.1	11.19	142.9	4.19	-0.767	75.5	95.5	0
2002-08-15 05:00	145.1	10.99	133.8	4.494	-0.411	76.3	90.9	0
2002-08-15 06:00	122.6	9.03	111.5	2.449	-0.682	75.9	90.5	0

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2002-08-15 07:00	120	8.49	112.7	2.395	-0.885	75.8	94	0
2002-08-15 08:00	123.1	8.55	130.6	2.449	-0.905	76.2	94.5	0
2002-08-15 09:00	119.9	6.657	105.4	2.297	-1.239	77.1	92.8	0
2002-08-15 10:00	123.6	6.82	129.2	2.588	-1.276	78.2	91.6	0
2002-08-15 11:00	153.4	6.123	168.7	3.569	-1.477	80.4	89.7	0
2002-08-15 12:00	171.7	6.937	182.4	4.349	-1.523	82.6	84.2	0
2002-08-15 13:00	135.4	7.45	144.6	3.918	-1.505	83.4	82.2	0
2002-08-15 14:00	132.6	6.621	144.3	3.694	-1.538	84.7	78.7	0
2002-08-15 15:00	142.9	4.815	173.5	2.884	-1.418	84.9	79.4	0
2002-08-15 16:00	228.6	14.33	229.2	7.24	-0.918	78.9	86.4	0.21
2002-08-15 17:00	225.6	9.06	222.7	4.893	-1.225	74.2	96.2	0.09
2002-08-15 18:00	147.6	5.625	141.4	3.474	-1.178	75.3	94.3	0
2002-08-15 19:00	91.2	5.04	59.21	2.868	-1.275	75.1	95.1	0
2002-08-15 20:00	100.8	6.031	109	2.469	-1.101	74.4	96.4	0
2002-08-15 21:00	104.8	6.392	91.3	1.975	-0.832	74	97.5	0
2002-08-15 22:00	106.7	5.761	69.41	1.919	-0.905	74	98.3	0
2002-08-15 23:00	110	7.35	58.32	2.483	-0.905	74.1	98.6	0
2002-08-16 00:00	109	8.34	73.2	2.596	-0.85	74.2	98.5	0
2002-08-16 01:00	110.4	9.21	93.9	2.711	-0.919	74.3	98.2	0
2002-08-16 02:00	111.1	8.74	120.3	2.287	-0.947	74.3	98.1	0.01
2002-08-16 03:00	111.1	8.05	109.2	2.52	-0.95	74.4	98.1	0
2002-08-16 04:00	116.7	7.62	95.5	2.458	-0.869	74.4	98.1	0
2002-08-16 05:00	118.3	8.17	134.5	2.288	-0.865	74.4	98.4	0
2002-08-16 06:00	117	9.04	124.4	2.289	-0.798	74.8	98.8	0
2002-08-16 07:00	112.7	7.65	74.8	2.34	-0.83	75.4	99	0
2002-08-16 08:00	120.7	8.1	147.8	2.718	-0.959	76.3	99.3	0
2002-08-16 09:00	128.3	8.62	132.8	3.761	-1.241	77.8	99.2	0
2002-08-16 10:00	132	7.94	146.8	4.256	-1.415	80	97.9	0
2002-08-16 11:00	150	8.78	162.4	5.181	-1.414	82.7	89.7	0
2002-08-16 12:00	172.9	8.98	185	6.296	-1.577	85.2	80.5	0
2002-08-16 13:00	184.7	7.2	186.6	5.214	-1.73	88	72.7	0
2002-08-16 14:00	207.1	6.497	210.6	4.534	-1.656	88.8	69.6	0
2002-08-16 15:00	202.2	7.21	214.4	5.127	-1.654	89.6	67.33	0
2002-08-16 16:00	188.8	8.32	199.6	5.733	-1.764	91	62.86	0
2002-08-16 17:00	197	7.39	202.7	4.452	-1.226	90.4	63.34	0
2002-08-16 18:00	257.2	6.507	277.8	2.32	-0.266	87.3	76.2	0
2002-08-16 19:00	332.6	14.88	348.4	7.92	-1.283	81.4	80.3	0
2002-08-16 20:00	21.82	5.615	0.061	3.303	-0.995	75.7	90.1	0.04
2002-08-16 21:00	18.88	3.461	55.69	2.1	-0.211	74.6	96.3	0.01
2002-08-16 22:00	105.4	5.414	97.2	1.654	-0.866	74.2	97.7	0
2002-08-16 23:00	107.7	7.82	83.1	2.633	-0.928	74.2	98.9	0
2002-08-17 00:00	111.5	9.22	88.3	2.918	-0.819	74.2	99.4	0
2002-08-17 01:00	113.5	8.11	76	2.199	-0.687	74.1	99.3	0
2002-08-17 02:00	111.9	7.65	77.7	2.365	-0.568	73.9	99.1	0
2002-08-17 03:00	118.2	8.22	154.8	2.374	-0.562	73.8	99.2	0
2002-08-17 04:00	126.4	9.08	123.8	2.927	-0.558	74.1	99.6	0
2002-08-17 05:00	127	9.12	78.3	2.753	-0.215	74.2	99.7	0
2002-08-17 06:00	123.7	8.05	86.6	2.463	-0.077	74.1	99.7	0.01
2002-08-17 07:00	113.4	7.45	79.2	2.583	-0.317	74.4	99.7	0
2002-08-17 08:00	123.4	6.462	132.1	2.942	-0.698	75.2	99.8	0
2002-08-17 09:00	130.8	6.759	146.5	3.36	-0.72	76.4	99.8	0
2002-08-17 10:00	159.6	5.793	170.9	3.616	-1.1	78.9	99.8	0
2002-08-17 11:00	176.2	6.067	180	3.547	-1.049	82.6	93.6	0
2002-08-17 12:00	211.6	5.237	217.3	3.469	-1.311	85.7	79.4	0
2002-08-17 13:00	214.6	6.302	217.7	4.077	-1.408	87.5	74.1	0
2002-08-17 14:00	233.3	4.952	221.6	3.995	-1.742	89.5	68.36	0

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2002-08-17 15:00	258.3	5.173	268.3	4.243	-1.882	90.5	65.54	0
2002-08-17 16:00	252.9	5.998	259.4	4.147	-1.783	90	67.78	0
2002-08-17 17:00	107.7	14.44	82.3	6.13	-0.488	79.4	81.1	0.32
2002-08-17 18:00	143.3	6.526	104.8	2.727	-0.312	78.8	90.7	0
2002-08-17 19:00	156.7	5.657	136.5	2.531	0.261	78.5	88.8	0
2002-08-17 20:00	252	5.52	157.9	1.885	0.901	77.3	88.6	0.01
2002-08-17 21:00	238.2	3.069	60.66	2.379	1.498	76.1	95.6	0.01
2002-08-17 22:00	52.05	3.741	100.2	2.287	1.447	75.9	98.8	0
2002-08-17 23:00	132.9	12.13	123.3	5.33	0.003	75.9	99.2	0
2002-08-18 00:00	127.3	3.934	87	2.477	1.106	76.2	97.1	0
2002-08-18 01:00	153.3	4.981	94.6	2.419	1.7	75.7	97.2	0
2002-08-18 02:00	168.5	4.003	87.2	1.782	2.762	75.1	98.8	0
2002-08-18 03:00	162.4	3.939	67.59	2.237	2.902	75.4	99.2	0
2002-08-18 04:00	195.8	5.388	114.6	1.364	2.077	75.5	99.2	0
2002-08-18 05:00	196	6.189	126.1	1.565	1.735	75.5	99.5	0
2002-08-18 06:00	195.7	6.246	127.2	1.518	1.289	75.8	99.5	0
2002-08-18 07:00	173.2	5.934	118.4	1.532	1.129	75.7	98.9	0
2002-08-18 08:00	174.3	5.893	135.4	2.164	0.996	76.2	98.8	0
2002-08-18 09:00	179.5	5.33	161.6	3.111	-0.75	79.8	91.7	0
2002-08-18 10:00	235.4	5.636	234.2	4.328	-1.627	83	86.3	0
2002-08-18 11:00	237.3	6.336	231.4	4.805	-1.73	84.9	79.2	0
2002-08-18 12:00	226.6	5.207	217.8	4.36	-2.001	86.9	72.3	0
2002-08-18 13:00	219.3	4.675	217.8	3.888	-2.077	88.8	65.79	0
2002-08-18 14:00	228.3	3.797	227.3	3.427	-2.168	90.1	62.13	0
2002-08-18 15:00	247.7	4.582	261.4	3.549	-2.016	90.5	61.69	0
2002-08-18 16:00	253.2	4.425	238.8	3.497	-2.069	91.4	60.89	0
2002-08-18 17:00	228.8	6.064	224.4	4.559	-1.956	92.1	57.38	0
2002-08-18 18:00	220.9	4.501	217.3	2.306	-0.828	90.2	64.78	0
2002-08-18 19:00	163.4	3.935	135.4	2.096	-0.747	88.1	73.7	0
2002-08-18 20:00	141.4	3.596	80	1.189	1.308	84.7	84.5	0
2002-08-18 21:00	141.6	5.881	101.4	2.228	1.469	84	80.5	0
2002-08-18 22:00	138.3	6.654	151	1.355	0.552	81.8	87.7	0
2002-08-18 23:00	144.3	7.6	111.1	2.669	0.842	81.2	88	0
2002-08-19 00:00	141.4	7.28	101.5	2.184	0.644	80.4	85.9	0
2002-08-19 01:00	170.5	7.14	147.7	2.48	0.718	79.3	88	0
2002-08-19 02:00	177.2	6.101	145.4	2.257	0.232	79	87.5	0
2002-08-19 03:00	183.3	7.28	164.7	2.942	-0.081	79	88.2	0
2002-08-19 04:00	192.6	6.297	157.8	2.153	0	78.4	90.4	0
2002-08-19 05:00	201.4	7.07	175	2.131	-0.045	77.9	92.7	0
2002-08-19 06:00	217.5	7.39	215.4	2.35	-0.195	77.5	94.4	0
2002-08-19 07:00	218.1	6.47	181.2	1.425	0.042	77.5	95.9	0
2002-08-19 08:00	214.6	4.802	179.2	1.634	-0.467	78.4	96.3	0
2002-08-19 09:00	263.6	4.049	250.7	2.65	-1.513	80.8	92.7	0
2002-08-19 10:00	278	6.862	269.3	4.075	-1.734	83.4	85.7	0
2002-08-19 11:00	294.1	5.749	294.7	3.661	-1.962	85.4	78.4	0
2002-08-19 12:00	292.6	4.96	279.1	3.637	-2.086	86.8	73.7	0
2002-08-19 13:00	270	3.424	253.9	3.273	-1.969	88.3	68.08	0
2002-08-19 14:00	283.1	3.894	264.7	3.293	-2.092	89.5	64.88	0
2002-08-19 15:00	276.8	3.489	267.9	2.966	-2.192	90.3	62.12	0
2002-08-19 16:00	254	2.906	240.4	3.003	-2.066	91.2	59.67	0
2002-08-19 17:00	159.2	2.547	89.2	2.309	-1.838	91.9	58.26	0
2002-08-19 18:00	274.6	3.7	278.8	2.504	-1.697	91.2	62.85	0
2002-08-19 19:00	227.2	2.148	181.8	1.334	-0.971	90.3	66.48	0
2002-08-19 20:00	169.4	4.552	105	1.808	1.361	87.1	72	0
2002-08-19 21:00	155	4.981	96.7	1.84	1.895	84.5	81.3	0
2002-08-19 22:00	146.6	4.27	77.2	1.603	3.021	82.3	87.5	0

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2002-08-19 23:00	151.8	9.93	141.3	2.546	1.136	82.1	88.2	0
2002-08-20 00:00	211	6.831	198.3	3.067	-0.595	81.8	86.1	0
2002-08-20 01:00	173	5.816	149	2.525	-0.352	80.9	87.3	0
2002-08-20 02:00	152	5.235	125.6	2.004	0.09	79.7	89.2	0
2002-08-20 03:00	180.6	4.935	96.8	1.189	1.292	78.1	95.2	0
2002-08-20 04:00	192.8	5.907	116	1.448	1.562	77.6	96.3	0
2002-08-20 05:00	180.6	5.054	84.5	1.407	0.692	76.8	97	0
2002-08-20 06:00	203.6	4.582	76.4	1.066	0.306	76.5	97.9	0
2002-08-20 07:00	216.2	4.378	69.72	0.718	0.726	76.1	97.9	0
2002-08-20 08:00	207.2	2.017	61.51	1.089	1.07	76.4	98.1	0
2002-08-20 09:00	101.6	1.448	116.7	1.392	-0.995	79.5	92.6	0
2002-08-20 10:00	290.1	2.193	264.1	2.03	-1.59	82.8	82.8	0
2002-08-20 11:00	289.3	3.318	271.9	2.904	-1.796	84.9	79.2	0
2002-08-20 12:00	309.5	4.666	288.1	3.887	-2.186	87.3	71.9	0
2002-08-20 13:00	298.1	3.654	297.1	3.09	-1.997	88.7	73	0
2002-08-20 14:00	307.6	3.728	297.7	3.368	-1.865	90.2	67.99	0
2002-08-20 15:00	349.7	3.155	337.7	2.631	-1.667	91	65.99	0
2002-08-20 16:00	261.6	2.598	250.6	2.518	-2.006	92.5	61.72	0
2002-08-20 17:00	265.1	2.968	248.2	2.754	-1.892	92.9	60.34	0
2002-08-20 18:00	251.8	3.988	252	2.522	-1.585	92.1	64.38	0
2002-08-20 19:00	169.4	4.127	151.5	1.925	-0.813	90.4	70.2	0
2002-08-20 20:00	117.8	6.448	78.7	2.115	0.038	87.1	78	0
2002-08-20 21:00	116.4	7.76	51.95	2.833	0.45	84.7	82.6	0
2002-08-20 22:00	103.1	5.827	60.64	2.695	1.042	83.2	85.2	0
2002-08-20 23:00	98.4	7.52	63.14	2.826	1.774	82.5	84.1	0
2002-08-21 00:00	101.4	8.58	52.13	3.285	0.509	80.9	88.3	0
2002-08-21 01:00	100.6	8.48	55.06	2.839	0.616	80	89.3	0
2002-08-21 02:00	112.9	7.98	103.6	2.124	-0.457	79.2	90.7	0
2002-08-21 03:00	143.4	11.05	143.1	3.765	-0.129	78.3	93.4	0
2002-08-21 04:00	207.1	7.15	193.1	3.024	-0.412	78.5	89.8	0
2002-08-21 05:00	299.2	4.162	34.07	1.426	0.003	77.8	93.2	0
2002-08-21 06:00	317.1	4.519	21.33	2.106	0.951	77.1	96.5	0
2002-08-21 07:00	17.23	3.974	82.3	1.09	2.108	76.1	97.4	0
2002-08-21 08:00	82.8	5.578	105.2	1.93	-0.222	76.7	98.1	0
2002-08-21 09:00	80.9	4.8	59.23	3	-1.253	79.3	93.2	0
2002-08-21 10:00	83.5	3.469	74.5	2.72	-1.519	82.5	83.8	0
2002-08-21 11:00	39.4	4.048	40.91	3.423	-1.756	85.7	76.1	0
2002-08-21 12:00	59.08	4.858	50.7	3.803	-1.803	87.7	71.2	0
2002-08-21 13:00	83.4	4.959	74.8	3.818	-1.982	89.7	68.47	0
2002-08-21 14:00	66.75	5.091	52.15	4.392	-1.892	90.7	63.41	0
2002-08-21 15:00	77.2	5.201	66.34	3.953	-1.815	91.4	61.81	0
2002-08-21 16:00	84	5.147	61.09	3.747	-1.828	92.4	59.04	0
2002-08-21 17:00	77.9	6.068	61.71	3.196	-0.525	90.7	63.07	0
2002-08-21 18:00	112.7	12.08	110.8	6.173	0.162	84.4	74.1	0.14
2002-08-21 19:00	124.8	5.257	124.7	3.401	2.579	77.6	88.1	0
2002-08-21 20:00	121.7	7.29	114.4	2.532	4.318	77	95.6	0
2002-08-21 21:00	168.9	5.629	88.7	1.495	3.494	77.4	98.2	0
2002-08-21 22:00	146.6	6.309	87.3	1.776	2.867	77.2	97.8	0
2002-08-21 23:00	102.2	7.22	69.22	2.394	0.547	77.2	97	0
2002-08-22 00:00	102.1	7.37	74.3	2.333	0.139	77.2	97	0
2002-08-22 01:00	120.8	6.415	137.9	2.491	-0.326	76.9	97.3	0
2002-08-22 02:00	98	7.51	46.05	3.402	-0.026	76.8	96.9	0.01
2002-08-22 03:00	127.2	6.914	81.1	2.345	-0.038	76.9	94.4	0
2002-08-22 04:00	137.8	6.523	96.2	2.016	-0.115	76.1	95.3	0
2002-08-22 05:00	133.6	9.36	93.8	2.859	0.514	75.9	95.8	0
2002-08-22 06:00	120.4	8.8	93.8	2.634	0.028	75.6	96.8	0

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2002-08-22 07:00	123.3	9.96	120	2.652	-0.063	74.9	98.1	0
2002-08-22 08:00	127.4	8.83	123.7	3.18	-0.427	75.6	98.7	0
2002-08-22 09:00	126.9	6.187	134.1	2.805	-0.649	77.6	97.4	0
2002-08-22 10:00	136.4	1.502	348.1	1.501	-0.658	79.7	94.1	0
2002-08-22 11:00	279	1.814	4.018	1.519	-0.214	81.3	90.6	0
2002-08-22 12:00	355.4	1.809	24.2	1.721	-0.981	83.9	80.1	0
2002-08-22 13:00	64	1.487	75	1.234	-0.578	85.3	76.4	0
2002-08-22 14:00	205.2	1.913	196.7	1.927	-1.507	88.1	68.83	0
2002-08-22 15:00	223.7	2.83	114	1.782	-1.095	87.9	71.8	0
2002-08-22 16:00	122.6	8.97	126.5	4.42	-1.289	87	74.6	0
2002-08-22 17:00	127.2	9.5	140.1	4.852	-1.544	85.7	76.9	0
2002-08-22 18:00	132.8	7.96	136.3	3.549	-1.246	84.8	81.8	0
2002-08-22 19:00	200.7	7.61	202.7	4.408	-1.035	82.7	81.7	0
2002-08-22 20:00	176.6	4.967	152	2.329	-0.705	80.9	84.6	0
2002-08-22 21:00	140.7	8.18	138.7	3.573	-0.578	79.7	86.9	0
2002-08-22 22:00	140.2	8.12	137.2	2.98	-0.506	78.4	90.2	0
2002-08-22 23:00	143.6	6.447	144.8	2.129	-0.52	77.4	92.1	0
2002-08-23 00:00	146	7.81	131.3	3.114	-0.246	76.6	92	0
2002-08-23 01:00	131.7	8.46	98.5	2.999	-0.529	75.7	94.5	0
2002-08-23 02:00	184.5	4.936	197.5	2.001	-0.43	75.7	96.7	0
2002-08-23 03:00	207.4	4.887	196.9	1.824	-0.128	75.5	97.8	0
2002-08-23 04:00	176.1	4.156	105.2	2.173	0.554	75.1	98.8	0
2002-08-23 05:00	153.5	5.058	118.3	2.166	0.511	74.6	99.2	0
2002-08-23 06:00	141.5	5.583	129.1	2.613	-0.044	74.5	99.7	0
2002-08-23 07:00	149.7	6.051	141.4	3.078	-0.148	74.9	99.7	0
2002-08-23 08:00	142.2	5.819	130.8	2.484	-0.291	75.3	99.7	0
2002-08-23 09:00	181.8	2.847	179.2	2.081	-0.733	78.2	99.4	0
2002-08-23 10:00	224.4	3.176	218.8	2.872	-1.433	81.4	88.2	0
2002-08-23 11:00	239.7	5.788	231.1	4.452	-1.827	83.9	81.3	0
2002-08-23 12:00	277.2	4.247	283.2	3.201	-1.798	85.5	77.9	0
2002-08-23 13:00	287.7	4.954	287.6	3.776	-2.125	87.6	71.4	0
2002-08-23 14:00	277.2	4.582	267.4	3.574	-2.018	88.5	70.2	0
2002-08-23 15:00	227.4	5.184	232	3.926	-2.178	90.2	59.58	0
2002-08-23 16:00	251.4	5.819	246.5	3.776	-2.207	91	60.03	0
2002-08-23 17:00	259.2	5.812	250	4.072	-2.036	90.8	62.76	0
2002-08-23 18:00	256.5	4.541	253.4	2.836	-1.782	90.6	64.22	0
2002-08-23 19:00	240.7	3.773	244.1	1.433	0.002	88.2	74	0
2002-08-23 20:00	209.5	2.865	77.6	1.52	3.2	84.2	84.6	0
2002-08-23 21:00	197.9	3.963	76.1	1.407	2.304	82.9	88.2	0
2002-08-23 22:00	208.8	5.949	202.9	1.854	-0.253	82.5	85.8	0
2002-08-23 23:00	218.7	6.164	193	1.601	-0.055	81.1	89.7	0
2002-08-24 00:00	204.3	4.72	163.5	2.179	-0.381	80.6	87.9	0
2002-08-24 01:00	202.6	4.98	130.6	1.486	0.34	79.3	90.7	0
2002-08-24 02:00	187.2	7.32	168.8	3.282	-0.427	79.1	91.8	0
2002-08-24 03:00	185.4	7.05	184	3.412	-0.741	78.7	92.2	0
2002-08-24 04:00	225.3	4.254	189.7	1.295	-0.333	77.8	94.4	0
2002-08-24 05:00	242.5	3.871	80.5	1.461	0.938	77	97.3	0
2002-08-24 06:00	262.9	3.835	97	1.377	0.507	77.3	99	0
2002-08-24 07:00	205.6	6.297	175.1	2.335	0.047	77.6	99.2	0
2002-08-24 08:00	166.6	5.174	149.8	2.906	-0.511	77.8	98.9	0
2002-08-24 09:00	170.8	3.191	169.2	2.722	-1.122	80.1	94.8	0
2002-08-24 10:00	223.8	5.15	225.7	3.826	-1.665	82.8	87.5	0
2002-08-24 11:00	274.1	6.868	260.7	4.522	-1.944	85.1	83	0
2002-08-24 12:00	283	7.31	269.1	4.1	-1.865	86.6	78.5	0
2002-08-24 13:00	254.5	4.589	242	3.47	-2.214	88.6	73	0
2002-08-24 14:00	262.9	4.464	278.9	3.735	-2.055	90	66.79	0

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2002-08-24 15:00	271.5	4.788	281	3.207	-2.058	90.1	66.33	0
2002-08-24 16:00	244.6	4.252	241.6	3.544	-2.034	91.9	59.63	0
2002-08-24 17:00	232.4	4.909	228.5	3.255	-1.827	92.1	60.73	0
2002-08-24 18:00	192.9	5.002	165.6	2.287	-0.537	90.9	66.65	0
2002-08-24 19:00	184.9	5.963	174.5	2.96	-1.003	91.4	65.35	0
2002-08-24 20:00	160	5.205	122.7	2.042	0.442	88.4	73.3	0
2002-08-24 21:00	185.2	5.546	102.1	2.088	1.256	86.3	77.7	0
2002-08-24 22:00	189.7	5.755	93.3	1.562	2.339	84.2	83.3	0
2002-08-24 23:00	182.3	5.637	79.5	1.887	2.103	83.4	85	0
2002-08-25 00:00	180.8	5.097	95	1.267	1.587	82.8	86.6	0
2002-08-25 01:00	200.9	6.165	106.7	1.374	1.844	82	88.6	0
2002-08-25 02:00	212	8.58	209.2	3.413	-0.355	82.2	85.5	0
2002-08-25 03:00	236	7.95	243.2	2.704	-0.065	81	91.2	0
2002-08-25 04:00	242.9	6.289	240.1	1.442	0.164	80.8	94.1	0
2002-08-25 05:00	205.9	7.14	175.9	2.712	-0.347	80.7	93.6	0
2002-08-25 06:00	225.1	6.398	218	1.963	-0.358	79.9	93.4	0
2002-08-25 07:00	226	6.947	199.9	2.042	0.071	79.3	95.9	0
2002-08-25 08:00	231.1	6.609	225	2.999	-0.74	80.6	93.2	0
2002-08-25 09:00	257.7	6.523	250	3.148	-1.281	83.2	87	0
2002-08-25 10:00	279.9	8.13	265	4.429	-1.464	83.7	85.3	0
2002-08-25 11:00	339.7	15.15	352.1	9.06	-1.439	80	81	0
2002-08-25 12:00	358.5	10.88	2.926	6.987	-1.31	76.3	84.7	0.01
2002-08-25 13:00	349.4	5.893	342.4	4.262	-1.8	78.4	84.6	0
2002-08-25 14:00	114.5	5.38	128.2	3.519	-1.807	80.8	79.9	0
2002-08-25 15:00	327.3	3.789	305	3.398	-2.061	82.7	75.8	0
2002-08-25 16:00	320.9	5.537	310.7	4.36	-2.076	83.4	75.2	0
2002-08-25 17:00	337.8	6.389	347.2	4.659	-2.096	84.5	69.62	0
2002-08-25 18:00	358.9	5.884	356.9	4.379	-1.731	84.7	68.54	0
2002-08-25 19:00	15.41	4.829	40.55	2.19	0.358	82.5	78.1	0
2002-08-25 20:00	356.6	4.014	61.66	1.571	2.732	80.2	85.5	0
2002-08-25 21:00	190.4	2.327	88.4	1.624	2.953	79.6	85.9	0
2002-08-25 22:00	139.6	6.015	110.7	2.414	1.951	79.9	85.6	0
2002-08-25 23:00	156.3	5.562	92.8	1.676	2.82	78.6	89	0
2002-08-26 00:00	250.6	2.878	49.02	1.606	2.887	76.8	94.4	0
2002-08-26 01:00	290.7	1.337	60.15	1.602	2.646	76.2	96.3	0
2002-08-26 02:00	315.7	2.712	63.25	1.489	2.699	76.1	96.8	0
2002-08-26 03:00	299.5	1.545	95.3	1.164	2.489	75.4	98.2	0
2002-08-26 04:00	223.2	2.93	60.6	1.62	1.89	75.2	99.1	0
2002-08-26 05:00	269.3	4.423	107	0.866	0.605	75.9	99.5	0
2002-08-26 06:00	298.1	6.14	337.8	1.909	0.061	76.1	99.4	0
2002-08-26 07:00	315	5.035	29.44	1.656	0.148	75.7	97.3	0
2002-08-26 08:00	304.1	2.684	71.1	0.982	-0.064	75.9	96	0
2002-08-26 09:00	329.8	2.989	347.1	2.301	-1.185	78.4	91.9	0
2002-08-26 10:00	349.8	5.346	4.067	4.703	-1.627	80.6	82.2	0
2002-08-26 11:00	336.1	4.626	348.4	3.828	-1.964	83.1	75.8	0
2002-08-26 12:00	317.5	5.886	307.8	4.455	-2.301	85.4	69.7	0
2002-08-26 13:00	288	5.249	274.7	4.207	-2.271	86.7	67.01	0
2002-08-26 14:00	305.6	5.897	292.2	4.66	-2.281	88.3	63.64	0
2002-08-26 15:00	348	5.305	359.6	4.486	-2.068	89.2	57.55	0
2002-08-26 16:00	313.8	4.846	306.9	3.707	-2.229	90.3	55.25	0
2002-08-26 17:00	299.3	8.11	305.5	5.429	-1.532	87.9	61.96	0.01
2002-08-26 18:00	96.3	6.93	93.4	4.769	-0.729	75.1	91.5	0.01
2002-08-26 19:00	106.2	5.403	107.9	2.658	-1.12	76.4	94.8	0
2002-08-26 20:00	122.2	5.029	81	1.545	0.426	76	94.2	0
2002-08-26 21:00	245.9	3.084	47.99	1.468	1.865	74.7	96.8	0
2002-08-26 22:00	297.8	2.032	56.49	1.992	3.294	74	98.4	0

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2002-08-26 23:00	332.4	3.029	58.29	1.698	3.466	73.8	99.2	0
2002-08-27 00:00	4.538	6.102	63.78	2.432	5.175	73.5	99.6	0
2002-08-27 01:00	63.07	1.791	98	1.511	3.208	72.5	99.6	0
2002-08-27 02:00	44.32	3.175	62.2	1.42	4.214	71.9	99.7	0
2002-08-27 03:00	359.9	3.366	57.2	1.171	4.022	71.8	99.7	0
2002-08-27 04:00	336.6	2.956	71.7	1.288	3.479	72	99.7	0
2002-08-27 05:00	302.6	3.363	57.66	1.434	2.359	72.3	99.7	0
2002-08-27 06:00	296.8	1.805	111.6	0.975	1.958	72.3	99.7	0
2002-08-27 07:00	309.1	1.735	72.5	1.618	3.207	71	99.7	0
2002-08-27 08:00	35.04	4.221	56.21	1.119	3.413	71.2	99.7	0
2002-08-27 09:00	41.26	3.262	40.25	1.805	1.54	74.4	99.8	0
2002-08-27 10:00	44.85	3.564	42.81	3.002	-0.253	78.8	82.3	0
2002-08-27 11:00	347	2.743	334.8	2.657	-1.946	82.6	71.2	0
2002-08-27 12:00	319.1	5.961	308.4	4.558	-2.215	84.3	68.71	0
2002-08-27 13:00	335.1	6.205	344.4	4.656	-2.332	85.7	62.48	0
2002-08-27 14:00	327	5.862	327.4	4.512	-2.333	87.2	57.35	0
2002-08-27 15:00	327.3	5.329	334.9	3.827	-2.125	88.1	53.88	0
2002-08-27 16:00	0.102	5.8	1.465	4.433	-2.02	88.3	53	0
2002-08-27 17:00	353.7	4.964	348.5	3.664	-1.801	88.3	51.29	0
2002-08-27 18:00	353.1	4.609	354.7	2.285	-0.563	86.8	60.09	0
2002-08-27 19:00	16.15	7.16	31.98	3.328	0.93	84.2	69.78	0
2002-08-27 20:00	25.61	8.05	39.64	3.194	1.186	82.3	70.9	0
2002-08-27 21:00	24.65	7.26	38.07	2.308	3.754	78.8	78.6	0
2002-08-27 22:00	10.18	6.596	41.79	2.69	4.451	77.2	84.6	0
2002-08-27 23:00	22.51	9.03	32.38	3.943	2.047	78.3	80.3	0
2002-08-28 00:00	40.95	9.27	31.6	3.268	1.883	77.3	79.1	0
2002-08-28 01:00	27.82	7.56	37.5	2.523	3.029	74.9	85.8	0
2002-08-28 02:00	25.37	9.57	28.64	3.998	1.662	75.4	80.3	0
2002-08-28 03:00	16.43	6.331	54.96	1.878	1.834	73.1	87	0
2002-08-28 04:00	15.96	5.521	65.31	1.097	2.78	71.3	95.4	0
2002-08-28 05:00	10.76	6.395	35.95	2.33	1.577	71.7	97.1	0
2002-08-28 06:00	16.93	6.642	47.43	2.229	1.357	71.5	95.9	0
2002-08-28 07:00	350.1	4.587	76.9	1.434	1.296	70.6	97.8	0
2002-08-28 08:00	4.62	4.02	80.6	1.325	0.438	71.5	96.5	0
2002-08-28 09:00	10.41	3.757	6.273	2.472	-1.341	74.8	89.6	0
2002-08-28 10:00	7.93	3.523	4.933	2.996	-1.853	78.9	79.5	0
2002-08-28 11:00	341.7	5.133	326.9	3.945	-2.26	82.2	72.3	0
2002-08-28 12:00	334	6.391	339	4.723	-2.321	84.1	64.41	0
2002-08-28 13:00	356.8	8.31	0.806	6.131	-2.227	86.1	55.86	0
2002-08-28 14:00	353.9	9.51	1.471	6.85	-2.265	87.1	53.11	0
2002-08-28 15:00	2.204	7.84	6.05	6.017	-2.219	87.4	55.39	0
2002-08-28 16:00	343.3	7.8	345.3	5.514	-2.135	87.7	55.61	0
2002-08-28 17:00	336.5	7.86	337.4	4.846	-1.982	87.7	56.34	0
2002-08-28 18:00	348.3	6.041	343.8	3.944	-1.744	87.4	58.89	0
2002-08-28 19:00	2.741	5.768	6.252	2.907	-0.822	86	62.78	0
2002-08-28 20:00	355.4	7.62	6.329	3.062	-0.285	83.6	68.3	0
2002-08-28 21:00	2.744	7.48	13.04	2.859	-0.092	82	70.2	0
2002-08-28 22:00	359.1	8.53	5.378	3.527	-0.137	80.5	73.6	0
2002-08-28 23:00	14.26	8.48	27.45	3.607	-0.198	79.4	75.8	0
2002-08-29 00:00	7.6	8.28	19.53	3.371	0.069	78.2	78.6	0
2002-08-29 01:00	21.79	7.43	28.44	3.188	0.225	76.8	82.9	0
2002-08-29 02:00	26.89	8.59	18.9	3.645	0.065	76	85.1	0
2002-08-29 03:00	21.79	6.707	6.454	1.976	0.437	74.8	88.7	0
2002-08-29 04:00	15.13	6.442	9.7	1.684	0.612	73.8	91.7	0
2002-08-29 05:00	4.306	6.694	18.12	2.548	-0.335	73.4	93.6	0
2002-08-29 06:00	4.118	5.836	27.27	2.042	-0.433	72.6	95.6	0

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2002-08-29 07:00	19.11	5.437	15.46	2.187	-0.593	71.9	97.4	0
2002-08-29 08:00	18.83	5.156	11.38	2.303	-0.821	72.3	98.3	0
2002-08-29 09:00	19.03	5.194	18.61	4.166	-1.485	74.7	91.8	0
2002-08-29 10:00	26.05	4.892	30.17	4.496	-1.734	77.4	85.2	0
2002-08-29 11:00	349.8	4.527	355.5	3.646	-2.141	80.6	80.5	0
2002-08-29 12:00	331.2	6.299	343.2	5.215	-2.206	82.7	75.3	0
2002-08-29 13:00	339.6	7.45	347.5	5.56	-2.371	84.9	69.17	0
2002-08-29 14:00	355	9.51	356.9	6.954	-2.316	86.5	62.08	0
2002-08-29 15:00	5.522	9.74	9.03	7.57	-2.286	87.9	57.07	0
2002-08-29 16:00	6.124	8.51	13.23	6.993	-2.171	88.8	54.86	0
2002-08-29 17:00	31.77	8.76	39.56	5.489	-0.168	85.5	66.89	0
2002-08-29 18:00	39.66	8.57	43.82	4.713	0.223	84	77.2	0
2002-08-29 19:00	31.93	8.13	39.12	3.674	-0.195	82.7	75	0
2002-08-29 20:00	27.98	6.89	47.99	2.369	1.566	81	80	0.01
2002-08-29 21:00	34.67	8.44	28.93	3.011	1.589	80	82	0
2002-08-29 22:00	17.14	8.12	27.96	3.929	0.014	80.1	78.4	0
2002-08-29 23:00	28.39	8.56	34.2	3.805	0.353	78	85	0
2002-08-30 00:00	47.63	7.74	38.04	2.271	0.844	77	86.4	0
2002-08-30 01:00	52.52	6.892	46.12	1.919	0.34	76.2	88.7	0
2002-08-30 02:00	67.87	7.19	65.43	2.286	-0.434	76	89.5	0
2002-08-30 03:00	67.15	7.28	44.58	2.526	0.313	75	92.3	0
2002-08-30 04:00	63.96	7.14	45.64	2.245	0.374	74.4	92.9	0
2002-08-30 05:00	72.6	6.94	69.97	1.761	0.18	73.7	94.3	0
2002-08-30 06:00	84.7	9.4	55.46	2.756	-0.073	73.2	94.9	0
2002-08-30 07:00	88.7	9.12	53.15	3.077	-0.389	73.1	95.5	0
2002-08-30 08:00	86.5	6.882	50.03	2.283	-0.625	73.8	94.7	0
2002-08-30 09:00	82.3	4.733	49.63	3.27	-1.31	76.7	88.8	0
2002-08-30 10:00	82	4.528	52.97	3.959	-1.676	80.4	81.9	0
2002-08-30 11:00	98.6	5.868	80.3	4.656	-1.907	83.9	74.7	0
2002-08-30 12:00	82.3	6.92	61.81	5.265	-2.046	85.7	68.19	0
2002-08-30 13:00	79.7	8.21	55.62	5.831	-1.964	87.2	63.32	0
2002-08-30 14:00	71.3	7.91	49.44	6.465	-2.191	89.1	57.76	0
2002-08-30 15:00	72.5	7.48	49.65	5.919	-2.123	90.2	54.59	0
2002-08-30 16:00	58.28	7.14	49.13	5.373	-2.093	90.6	53.2	0
2002-08-30 17:00	43.62	8.62	40.51	6.791	-2.055	90.8	53.64	0
2002-08-30 18:00	50.46	7.28	43	5.508	-1.821	90.3	54.78	0
2002-08-30 19:00	36.26	4.833	38.05	2.494	-0.939	88	64.36	0
2002-08-30 20:00	38.28	6.381	44.39	2.12	2.255	83.6	77.7	0
2002-08-30 21:00	51.22	8.83	47.74	2.603	3.171	81.6	79.7	0
2002-08-30 22:00	56.79	8.97	54.57	2.8	1.728	81.7	76.8	0
2002-08-30 23:00	57.81	6.632	82.2	1.222	2.417	79.4	82.8	0
2002-08-31 00:00	73.8	6.71	91.2	1.537	1.894	78	87.1	0
2002-08-31 01:00	84	8.37	67.89	1.974	0.734	77.7	87	0
2002-08-31 02:00	94.3	7.84	44.2	2.594	0.716	77.2	86.4	0
2002-08-31 03:00	93.6	7.53	36.85	2.456	0.383	77	85.7	0
2002-08-31 04:00	84.7	5.502	42.78	1.367	1.781	75.1	91.2	0
2002-08-31 05:00	80.9	8	71.2	1.773	2.013	74.6	92.9	0
2002-08-31 06:00	80.5	9.07	61.3	2.443	0.697	74.7	91.5	0
2002-08-31 07:00	80	9.56	51.3	3.589	0.016	74.9	90.9	0
2002-08-31 08:00	81.5	7.4	54.38	2.773	-0.667	75.2	91	0
2002-08-31 09:00	92.8	6.587	65.4	3.731	-1.331	78.2	86.1	0
2002-08-31 10:00	85.9	5.469	70.4	3.886	-1.814	82.1	79.3	0
2002-08-31 11:00	72.6	6.065	57.31	4.452	-1.927	84.5	73.2	0
2002-08-31 12:00	50.27	7.59	40.33	6.228	-2.094	85.9	69.72	0
2002-08-31 13:00	48.48	8.64	39.18	6.369	-2.255	87.7	64.83	0
2002-08-31 14:00	51.48	8.54	46.26	6.658	-2.038	88.5	61.93	0

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2002-08-31 15:00	52.24	10.46	46.18	8.21	-2.081	90	56.99	0
2002-08-31 16:00	54.09	11.12	47.72	8.57	-2.105	90	57.75	0
2002-08-31 17:00	66.3	10.57	49.28	7.74	-1.98	89.6	59.26	0
2002-08-31 18:00	66.99	8.12	49.22	5.612	-1.882	88.6	61.62	0
2002-08-31 19:00	71.8	5.828	52.16	3.187	-1.394	87	66.49	0
2002-08-31 20:00	62.59	6.967	52.36	2.07	1.14	83.2	76.2	0
2002-08-31 21:00	66.59	8.76	58.42	2.609	1.109	81.7	76.8	0
2002-08-31 22:00	68	7.96	44.19	2.725	1.157	80.4	79.5	0
2002-08-31 23:00	69.11	6.697	41.35	1.634	1.595	78.8	84.2	0
2002-09-01 00:00	71.6	7.36	54.4	1.838	1.828	77.5	88.3	0
2002-09-01 01:00	73.8	7.25	47.98	2.116	0.865	77.5	87.4	0
2002-09-01 02:00	84.7	7.42	47.86	2.204	0.408	77.2	87.6	0
2002-09-01 03:00	91.6	8.19	49.9	2.336	0.072	76.7	88.3	0
2002-09-01 04:00	93.3	8.66	47.79	3.308	-0.367	76.4	88.7	0
2002-09-01 05:00	89.9	8.28	44.86	3.235	-0.207	75.6	90.7	0
2002-09-01 06:00	79.8	8.05	44.38	3.014	-0.086	74.8	92.9	0
2002-09-01 07:00	85.6	8.58	48.24	3.051	-0.454	74.4	93.4	0
2002-09-01 08:00	97.7	7.77	59.78	2.66	-0.789	74.9	92.6	0
2002-09-01 09:00	101.5	7.39	98.1	3.703	-1.492	77.4	87.8	0
2002-09-01 10:00	107.2	5.201	115.5	3.522	-2.007	81	81.6	0
2002-09-01 11:00	87.3	5.395	65.02	4.539	-1.904	83.6	75.3	0
2002-09-01 12:00	70.9	6.405	48.54	5.46	-1.985	85.6	68.48	0
2002-09-01 13:00	77.3	7.04	60.19	5.621	-2.221	88	62.39	0
2002-09-01 14:00	79.4	6.912	62.94	4.944	-2.165	88.9	59.31	0
2002-09-01 15:00	67.88	6.559	41.41	5.146	-2.05	89.4	57.54	0
2002-09-01 16:00	93.7	7.6	69.7	4.98	-2.02	90.5	55.31	0
2002-09-01 17:00	76.1	7.26	52.17	5.555	-1.891	90.3	55.1	0
2002-09-01 18:00	70.3	6.311	48.84	4.749	-1.794	89.2	58.73	0
2002-09-01 19:00	74.8	6.375	49.16	3.17	-1.236	87.9	62.02	0
2002-09-01 20:00	82	7.46	59.02	2.51	-0.145	84.8	67.92	0
2002-09-01 21:00	86.3	8.42	50.73	2.936	0.039	82.6	72.1	0
2002-09-01 22:00	98.7	7.39	50.27	2.163	0.086	80.7	76	0
2002-09-01 23:00	106.7	7.76	44.66	2.101	-0.018	78.9	80.2	0
2002-09-02 00:00	107.7	7.3	44.07	2.018	-0.144	77.4	83.5	0
2002-09-02 01:00	103.1	5.961	38.97	2.672	0.595	76	87.4	0
2002-09-02 02:00	105.9	6.86	41.91	2.829	1.112	75.3	89.4	0
2002-09-02 03:00	98	5.911	34.37	2.727	0.987	74.3	91.6	0
2002-09-02 04:00	95.2	7.23	34.03	3.023	0.709	74.3	91.2	0
2002-09-02 05:00	97.2	7.55	40.91	3.096	0.338	74.1	91	0
2002-09-02 06:00	101.1	7.36	44.25	2.935	-0.113	73.8	91.9	0
2002-09-02 07:00	94.6	6.799	40.12	2.473	-0.222	73	93.9	0
2002-09-02 08:00	80.7	5.348	27.38	2.113	-0.342	73.7	93.6	0
2002-09-02 09:00	91.9	4.605	59.78	2.928	-1.286	77.3	86.6	0
2002-09-02 10:00	114.3	4.992	117	3.411	-1.928	81	79.1	0
2002-09-02 11:00	80	4.763	60.63	3.804	-2.145	83.4	72.1	0
2002-09-02 12:00	63.8	4.296	63.48	3.466	-2.179	85.1	67.23	0
2002-09-02 13:00	50.86	5.015	41.85	3.905	-2.199	86.7	62.65	0
2002-09-02 14:00	53.02	5.766	35.9	4.817	-2.05	87.4	60.78	0
2002-09-02 15:00	48.35	5.779	36.25	4.87	-2.116	88.8	58.08	0
2002-09-02 16:00	57.26	6.901	44.73	5.104	-1.852	88.5	59.39	0
2002-09-02 17:00	77	6.432	58	4.181	-1.952	89.4	58.82	0
2002-09-02 18:00	71	6.041	49.65	3.821	-1.69	88.9	59.99	0
2002-09-02 19:00	65.05	5.131	49.37	2.311	-0.849	87.4	66.45	0
2002-09-02 20:00	68.23	6.876	58.06	1.856	2.266	83.8	73.9	0
2002-09-02 21:00	69.92	8.15	61.01	2.366	2.728	82.3	75.3	0
2002-09-02 22:00	79.8	8.74	59.3	2.44	1.343	82.1	74.2	0

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2002-09-02 23:00	95.5	7.78	91.5	1.822	1.899	79.7	81.2	0
2002-09-03 00:00	119.4	7.1	73.1	2.172	1.716	78.4	85.1	0
2002-09-03 01:00	117.1	6.049	57.72	2.163	1.942	77.4	87.8	0
2002-09-03 02:00	114.6	6.207	131.5	1.519	2.332	75.9	92	0
2002-09-03 03:00	114.1	6.227	89.4	1.455	1.398	75	94.1	0
2002-09-03 04:00	127.4	5.473	65.46	1.953	1.513	75.2	94.4	0
2002-09-03 05:00	117.9	5.033	80.1	1.564	1.7	74.7	96.7	0
2002-09-03 06:00	70.3	5.064	48.51	3.511	2.078	74.5	97.4	0
2002-09-03 07:00	75.1	6.812	80	1.949	2.274	74	98.1	0
2002-09-03 08:00	90.5	6.327	90.3	1.862	0.46	74.5	98.1	0
2002-09-03 09:00	95.2	4.769	57.99	3.212	-1.242	78.2	92.1	0
2002-09-03 10:00	93.4	5.506	75.9	3.816	-1.694	81.7	85.4	0
2002-09-03 11:00	103.6	5.83	92.2	4.705	-1.962	84.1	78.3	0
2002-09-03 12:00	83.9	5.537	66.01	4.378	-1.946	85.8	70.9	0
2002-09-03 13:00	97	4.972	94.7	3.818	-2.049	87.5	66.9	0
2002-09-03 14:00	84.4	4.805	53.25	4.103	-1.964	88.6	63.59	0
2002-09-03 15:00	92.4	3.419	72.6	2.776	-1.842	89	62.39	0
2002-09-03 16:00	57.69	3.835	51.93	3.076	-1.812	89.2	62.23	0
2002-09-03 17:00	10.77	3.865	9.35	2.855	-1.606	88.3	69.82	0
2002-09-03 18:00	28.55	3.886	37.69	2.03	-0.758	87.5	75.3	0
2002-09-03 19:00	48.02	5.684	61.61	1.783	1.214	85.8	79.2	0
2002-09-03 20:00	64.02	7.65	68.5	2.042	1.6	84.6	78.5	0
2002-09-03 21:00	71.7	8.28	64.16	2.316	1.355	83.5	78.3	0
2002-09-03 22:00	97.1	8.07	87.6	1.766	1.171	82.2	79.8	0
2002-09-03 23:00	119.2	8.05	68.77	2.309	1.156	80.8	85.3	0
2002-09-04 00:00	161.9	5.042	96	1.85	1.257	79.6	88.8	0
2002-09-04 01:00	178.1	4.604	94.1	1.556	1.546	78.2	93.5	0
2002-09-04 02:00	171.8	3.333	59.42	1.541	2.016	77.1	96.7	0
2002-09-04 03:00	128.6	1.368	65.32	1.766	2.483	76.5	98.3	0
2002-09-04 04:00	69.56	2.486	51.64	1.984	2.856	75.9	99.2	0
2002-09-04 05:00	25.73	4.613	50.25	2.055	3.203	75.7	99.6	0
2002-09-04 06:00	44.86	6.974	46.67	2.616	1.588	75.6	99.3	0
2002-09-04 07:00	47.22	6.717	46.34	2.132	1.156	75.3	98.8	0
2002-09-04 08:00	47.24	7.42	46.82	2.934	1.15	76.3	97.1	0
2002-09-04 09:00	39.67	5.445	37.97	3.63	-1.141	80.2	86.6	0
2002-09-04 10:00	39.19	5.99	37.9	4.613	-1.778	84	77.1	0
2002-09-04 11:00	83	4.234	72.9	3.094	-1.888	87.4	69.51	0
2002-09-04 12:00	54.46	3.426	63.12	3	-1.444	89.7	64.46	0
2002-09-04 13:00	48.52	4.617	54.95	4.025	-1.37	91.1	59.67	0
2002-09-04 14:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 15:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 16:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 17:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 18:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 19:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 20:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 21:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 22:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-04 23:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 00:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 01:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 02:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 03:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 04:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 05:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-05 06:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0

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2002-09-07 15:00	NaN	NaN	NaN	NaN	NaN	NaN	NaN	0
2002-09-07 16:00	110.4	11.52	94.8	4.771	-0.459	77.4	79.7	0
2002-09-07 17:00	108.8	8.57	85.9	3.602	-0.441	76.7	82	0
2002-09-07 18:00	113.6	10.4	105.6	3.93	-0.337	75.5	86.2	0
2002-09-07 19:00	106.7	8.88	74.9	3.612	-0.251	74.8	86.8	0
2002-09-07 20:00	93.8	7.27	53.18	3.274	-0.124	74.4	88.1	0
2002-09-07 21:00	97.1	6.975	53.43	2.638	-0.02	74.2	89.4	0
2002-09-07 22:00	97.6	7.52	65.05	2.904	-0.173	74.2	90.8	0
2002-09-07 23:00	100.3	9.54	65.71	3.96	-0.225	74.6	90.2	0
2002-09-08 00:00	97.9	9.29	60.38	3.951	-0.232	74.8	89.3	0
2002-09-08 01:00	102.6	6.728	96.6	2.324	-0.166	74.3	90.3	0
2002-09-08 02:00	86.7	6.619	42.58	2.599	-0.063	73.4	93.3	0
2002-09-08 03:00	81.5	5.819	35.19	1.973	0.184	73.2	93.3	0
2002-09-08 04:00	85	6.68	32.8	2.518	0.258	73.2	92.7	0
2002-09-08 05:00	71.8	5.51	26.93	2.394	0.36	73.2	92	0
2002-09-08 06:00	91.8	6.859	47.58	2.056	0.465	72.8	92.3	0
2002-09-08 07:00	100.9	8.39	62.3	2.651	0.193	73	89.3	0
2002-09-08 08:00	98.9	9.45	63.23	3.329	0.029	73.1	87.6	0
2002-09-08 09:00	106.8	8.84	93.3	3.61	-0.462	75.3	81.1	0
2002-09-08 10:00	111.2	8.15	116.8	3.712	-0.654	77.8	77	0
2002-09-08 11:00	110.1	7.28	96.4	3.806	-0.647	78.9	75.8	0
2002-09-08 12:00	96.8	6.678	68.28	3.568	-0.624	80.3	74.7	0
2002-09-08 13:00	95.3	6.818	69.55	4.329	-0.658	82.2	70.1	0
2002-09-08 14:00	100.9	5.706	75.6	3.738	-0.765	83.7	66.81	0
2002-09-08 15:00	112.9	7.13	116.6	4.118	-0.738	85.6	59.3	0
2002-09-08 16:00	98.4	4.756	68.84	3.104	-0.643	85.9	59.79	0
2002-09-08 17:00	26.74	6.573	17.92	4.812	-0.487	85.1	63.96	0
2002-09-08 18:00	65.01	5.448	47.46	2.749	0.253	83.8	70.3	0
2002-09-08 19:00	63.59	6.604	44.28	2.752	0.498	81.9	71.5	0
2002-09-08 20:00	63.97	8.09	44.1	3.024	1.153	80	74.7	0
2002-09-08 21:00	75.1	8.23	42.63	3.074	1.167	79.5	73.3	0
2002-09-08 22:00	66.41	8.3	40.53	3.244	1.217	78.7	74.6	0
2002-09-08 23:00	73.8	8.18	40.12	3.216	0.829	78.5	72.8	0
2002-09-09 00:00	78.6	8.55	41.86	3.9	0.509	78	70.7	0
2002-09-09 01:00	89.3	7.6	38.7	3.038	0.594	77.3	71.7	0
2002-09-09 02:00	70.2	6.604	25.63	2.994	1.215	75.6	78.1	0
2002-09-09 03:00	67.97	7.27	38.67	2.681	1.471	74.2	82.7	0
2002-09-09 04:00	73.3	7.14	37.58	2.5	1.328	74	81.7	0
2002-09-09 05:00	74.7	7.77	40.95	2.9	1.19	73.2	82.5	0
2002-09-09 06:00	71.2	6.219	26.35	2.48	0.427	72.9	81	0
2002-09-09 07:00	77.3	5.731	43.26	1.364	1.072	71.5	86	0
2002-09-09 08:00	80.8	7.71	38.86	2.921	0.427	72.7	80.2	0
2002-09-09 09:00	81.5	8.5	42.62	4.131	-0.076	74.6	76	0
2002-09-09 10:00	93.5	7.13	65.85	3.453	-0.404	77.3	71.5	0
2002-09-09 11:00	96.8	6.738	65.32	4.395	-0.664	81.1	67.47	0
2002-09-09 12:00	104.5	5.316	104.3	3.67	-1.006	84.5	61.78	0
2002-09-09 13:00	114.5	7.52	108.6	4.949	-0.971	86.8	51.67	0
2002-09-09 14:00	62.82	6.108	38.02	5.11	-0.572	87	49.73	0
2002-09-09 15:00	70.5	7.22	48.11	5.199	-0.645	88.4	44.1	0
2002-09-09 16:00	58.31	6.843	39.14	4.693	-0.441	87.7	47.06	0
2002-09-09 17:00	54.71	7.29	41.21	5.291	-0.566	88.3	45.88	0
2002-09-09 18:00	46.13	8.74	35.98	6.341	-0.236	87.6	46.21	0
2002-09-09 19:00	43.64	7.73	34.14	4.243	0.856	85.5	51.89	0
2002-09-09 20:00	47.64	8.96	32.33	3.319	3.557	81.1	62.32	0
2002-09-09 21:00	70.7	5.571	63.35	2.178	5.077	77.1	71.6	0
2002-09-09 22:00	68.99	7.73	57.09	2.156	5.348	75.5	76	0

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2002-09-09 23:00	62.55	9.12	75.8	2.09	3.469	75.9	74.2	0
2002-09-10 00:00	65.97	10.47	54.21	3.208	2.177	77.6	67.29	0
2002-09-10 01:00	63.2	9.03	35.75	3.081	2.688	75.9	71.4	0
2002-09-10 02:00	57.67	8.75	35.82	2.936	2.133	74.1	77.9	0
2002-09-10 03:00	72.1	8.29	66.44	2.159	1.413	73.9	76.4	0
2002-09-10 04:00	79.8	5.762	103.7	1.255	3.087	70.8	86.7	0
2002-09-10 05:00	89.6	8.85	46.54	1.866	2.886	71.1	85	0
2002-09-10 06:00	64.56	6.341	41.53	1.54	3.345	69.69	89.3	0
2002-09-10 07:00	70.4	7.17	145.9	1.402	4.269	69.35	90.5	0
2002-09-10 08:00	80.2	4.625	175.4	1.34	3.375	70.6	88.1	0
2002-09-10 09:00	35.03	2.607	345.2	1.58	0.985	73.5	83.9	0
2002-09-10 10:00	64.67	3.689	39.3	2.279	-0.369	77.4	74.5	0
2002-09-10 11:00	349.9	1.894	248.2	2.044	-0.642	79.3	75.9	0
2002-09-10 12:00	0.018	4.012	342.2	3.622	-0.993	83.5	62.98	0
2002-09-10 13:00	350.7	6.136	340.3	4.939	-1.107	86.1	56.5	0
2002-09-10 14:00	321.3	6.811	294.8	4.761	-1.192	87.6	52.67	0
2002-09-10 15:00	307.7	5.544	277.4	4.579	-0.998	88.6	49.76	0
2002-09-10 16:00	327.1	6.193	313.7	4.099	-1.004	89.4	48.92	0
2002-09-10 17:00	332.5	7.13	322.6	4.164	-0.693	89.3	47.31	0
2002-09-10 18:00	345.5	4.907	334.6	3.035	-0.251	89.1	47.29	0
2002-09-10 19:00	359.4	3.808	39.56	1.325	2.826	85.4	61.39	0
2002-09-10 20:00	11.28	5.907	39.31	1.557	6.573	80.9	68.88	0
2002-09-10 21:00	11.47	4.918	41.12	1.543	8.41	78.2	74.8	0
2002-09-10 22:00	1.005	4.467	42.91	1.642	8.59	76.6	78.6	0
2002-09-10 23:00	350.4	5.039	38.99	1.266	8.65	75.4	83.3	0
2002-09-11 00:00	330.7	4.099	38.29	1.472	6.171	74.9	92.2	0
2002-09-11 01:00	352.6	5.026	32.5	1.415	5.923	73.4	96.3	0
2002-09-11 02:00	12.33	4.212	68.12	1.209	5.787	72.2	95.5	0
2002-09-11 03:00	340.5	3.172	42.48	1.458	3.955	72.1	96.4	0
2002-09-11 04:00	355.2	4.818	45.67	1.505	3.809	71.2	98.5	0
2002-09-11 05:00	4.534	4.948	94.7	0.923	4.556	69.73	97.4	0
2002-09-11 06:00	26.66	3.205	71.2	0.937	4.625	68.93	97.5	0
2002-09-11 07:00	40.33	2.542	48.61	1.563	5.308	68.57	98.3	0
2002-09-11 08:00	12.26	4.276	38.43	1.648	3.505	69.49	94.9	0
2002-09-11 09:00	23.64	3.172	256.1	1.082	1.011	72.7	90.6	0
2002-09-11 10:00	12.77	3.604	299.4	2.642	-0.254	76.9	81.6	0
2002-09-11 11:00	332.3	4.344	313.1	3.853	-0.994	79.6	75.5	0
2002-09-11 12:00	320.6	5.831	297.8	4.673	-1.106	82.5	70.5	0
2002-09-11 13:00	334.9	7.87	323.7	5.493	-1.283	86	61.52	0
2002-09-11 14:00	336.5	10.1	328.2	6.578	-1.174	88.2	54.99	0
2002-09-11 15:00	344.1	9.51	336.1	6.179	-0.914	89.8	48.47	0
2002-09-11 16:00	340.7	8.71	333.1	5.74	-0.695	90.5	43.57	0
2002-09-11 17:00	343.8	7.58	336.1	4.568	-0.376	90.5	41.25	0
2002-09-11 18:00	2.422	5.707	0.909	3.106	0.361	89.7	43.78	0
2002-09-11 19:00	9.21	6.701	32	2.218	3.436	85.9	54.68	0
2002-09-11 20:00	3.871	6.384	43.98	1.711	7.54	80.9	65.73	0
2002-09-11 21:00	6.7	7.82	35.34	2.14	9.2	78.7	71.5	0
2002-09-11 22:00	10.26	9.08	20.9	3.663	3.059	81.1	63.37	0
2002-09-11 23:00	18.99	8.96	24.16	4.148	1.503	80.1	65.81	0
2002-09-12 00:00	28.22	9.73	16.81	4.508	1.168	79.3	68.28	0
2002-09-12 01:00	31.76	10.17	18.67	4.964	0.931	78.8	68.95	0
2002-09-12 02:00	33.17	9.09	16.01	3.949	1.242	77.6	72.8	0
2002-09-12 03:00	34.2	7.68	19.51	2.247	2.249	75.4	79.6	0
2002-09-12 04:00	17.46	6.465	20.61	2.118	1.965	73.6	85.3	0
2002-09-12 05:00	18.6	7.04	21.14	2.822	0.599	72.4	90.9	0
2002-09-12 06:00	28.19	7.14	28.66	2.845	0.445	72	92.5	0

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2002-09-12 07:00	33.46	4.431	202	0.838	1.025	70.9	95	0
2002-09-12 08:00	20.64	5.735	3.763	2.002	0.577	71	95.8	0
2002-09-12 09:00	28.14	5.587	21.32	3.972	-0.516	73.9	87.3	0
2002-09-12 10:00	43.82	5.533	28.15	4.525	-0.835	77.5	76.9	0
2002-09-12 11:00	353.8	5.884	343.2	4.323	-1.273	80.3	74.7	0
2002-09-12 12:00	329.1	6.54	324.4	5.187	-1.256	82.4	72.6	0
2002-09-12 13:00	333.6	6.897	330	5.204	-1.212	85.2	65.87	0
2002-09-12 14:00	329.7	7.36	327.5	6.06	-1.019	86.9	58.03	0
2002-09-12 15:00	326.6	7.55	324.5	5.085	-1.095	88.7	50.14	0
2002-09-12 16:00	335.9	7.66	328.9	5.058	-0.955	89.7	46.37	0
2002-09-12 17:00	18.28	6.807	11.62	5.364	-0.648	90	44.4	0
2002-09-12 18:00	26.29	7.87	22.12	5.534	-0.336	89.1	49.16	0
2002-09-12 19:00	24.51	8.55	19.09	4.518	0.611	86.8	54.93	0
2002-09-12 20:00	21.65	9.78	26.39	4.441	1.485	84.2	59.47	0
2002-09-12 21:00	27.74	9.17	27.44	3.676	2.263	81.9	64.29	0
2002-09-12 22:00	29.92	9.76	22.04	4.839	1.11	81.4	62.04	0
2002-09-12 23:00	30.65	8.42	20.82	3.53	1.601	78.7	68.42	0
2002-09-13 00:00	31.9	8.7	26.82	3.509	1.765	77.4	69.41	0
2002-09-13 01:00	28.32	7.47	8.82	1.966	3.94	74.5	76.9	0
2002-09-13 02:00	28.79	7.22	34.13	2.572	2.815	73.7	78.2	0
2002-09-13 03:00	26.81	7.57	24.13	2.145	3.905	71.8	83.9	0
2002-09-13 04:00	16.38	4.322	68.1	1.954	2.715	71.3	84.6	0
2002-09-13 05:00	46.25	4.747	55.46	1.57	4.531	69.32	90.8	0
2002-09-13 06:00	28.82	4.131	45.85	1.39	4.588	68.39	92.4	0
2002-09-13 07:00	47.81	5.082	51.16	1.423	4.375	67.77	92.7	0
2002-09-13 08:00	35.01	5.185	19.98	1.661	2.188	68.8	90	0
2002-09-13 09:00	27.68	4.671	8.64	3.395	-0.409	72.6	79.7	0
2002-09-13 10:00	10.2	3.056	289.7	2.872	-0.603	76	77	0
2002-09-13 11:00	0.299	2.766	292	3.004	-0.834	79.7	71.8	0
2002-09-13 12:00	306.2	4.045	286.3	3.897	-1.273	82.3	68.88	0
2002-09-13 13:00	299.7	4.973	275.9	3.95	-1.31	85.3	63.32	0
2002-09-13 14:00	314.5	6.032	305.3	5.129	-1.132	87.3	58.63	0
2002-09-13 15:00	328.7	5.583	328.4	4.601	-0.953	89.4	47.64	0
2002-09-13 16:00	335.4	6.568	326.1	4.268	-0.861	90	47.47	0
2002-09-13 17:00	347.7	7.03	341.5	4.549	-0.562	90.1	48.54	0
2002-09-13 18:00	9.32	7.53	7.74	5.262	-0.313	89	54.26	0
2002-09-13 19:00	13.07	8.42	12.95	4.214	0.526	86.9	59.07	0
2002-09-13 20:00	22.45	8.85	29.98	3.724	2.091	84.3	64.69	0
2002-09-13 21:00	105	10.08	107.5	3.054	1.146	82.5	69.2	0
2002-09-13 22:00	117.1	9.19	76.5	2.389	0.354	80.4	72.2	0
2002-09-13 23:00	112.2	8.61	75.7	2.629	0.026	78.7	75.6	0
2002-09-14 00:00	110.5	7.33	61.3	2.471	0.026	77.1	80.7	0
2002-09-14 01:00	110.4	7.15	57.69	2.901	-0.12	75.6	85.2	0
2002-09-14 02:00	101.9	5.452	41.53	2.141	-0.109	74.5	88.4	0
2002-09-14 03:00	103.7	9.57	65.15	3.239	-0.068	73.8	90.4	0
2002-09-14 04:00	104.2	7.59	74.4	2.692	-0.24	73.5	91	0
2002-09-14 05:00	97.2	6.145	55.34	2.471	-0.296	73.2	91.9	0
2002-09-14 06:00	93.2	5.047	50.26	1.729	-0.291	73.1	92.5	0
2002-09-14 07:00	99.8	5.172	67.36	1.685	-0.271	73	93.5	0
2002-09-14 08:00	99.7	5.707	57.07	2.488	-0.437	73	94	0
2002-09-14 09:00	104.9	4.993	88.6	2.538	-0.639	74.9	89.2	0
2002-09-14 10:00	111.8	4.959	124.9	3.666	-0.896	77.6	82.5	0
2002-09-14 11:00	130.9	5.021	129.2	4.115	-0.903	79.7	76.9	0
2002-09-14 12:00	237.9	2.806	249.1	2.462	-0.686	80.2	76.3	0
2002-09-14 13:00	124.2	4.874	134.9	4.331	-0.919	81.5	72.9	0
2002-09-14 14:00	355.5	3.366	7.44	3.256	-1.057	82.9	69.95	0

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2002-09-14 15:00	305.4	4.932	287.1	4.162	-1.218	85.4	62.59	0
2002-09-14 16:00	334.3	5.846	334.6	4.52	-0.981	86.3	58.97	0
2002-09-14 17:00	17.62	6.211	9.85	5.114	-0.876	87.1	59.12	0
2002-09-14 18:00	49.28	4.394	22.49	3.353	-0.643	87.5	57.58	0
2002-09-14 19:00	117.2	3.681	93	1.568	0.283	86	64.09	0
2002-09-14 20:00	124.8	6.282	81.4	1.888	2.736	82.5	72.9	0
2002-09-14 21:00	128	7.33	92	1.724	3.706	79.9	79.6	0
2002-09-14 22:00	122.2	7.94	78.9	1.734	2.863	79	81.3	0
2002-09-14 23:00	110.8	7.83	95.5	1.692	2.075	77.3	85.1	0
2002-09-15 00:00	122.6	8.29	87.1	1.877	0.793	76.1	88.2	0
2002-09-15 01:00	132.6	9.23	76	2.205	1.475	75.9	87.5	0
2002-09-15 02:00	129.7	9.6	98.3	2.78	1.873	75.4	88.1	0
2002-09-15 03:00	133.7	8.89	114.9	2.994	1.442	74.6	90.3	0
2002-09-15 04:00	146.8	9.25	120.7	3.822	2.627	74.1	91.4	0
2002-09-15 05:00	136.9	10.19	113.1	3.199	1.511	73.5	93.4	0
2002-09-15 06:00	141.3	8.87	108.2	2.939	1.418	73.3	94.3	0
2002-09-15 07:00	161.6	8.07	134.2	3.492	1.325	73.9	91.2	0
2002-09-15 08:00	189.2	6.665	158.6	2.297	0.735	75.3	87.1	0
2002-09-15 09:00	191.7	5.785	182.3	3.266	-0.452	78.3	80.3	0
2002-09-15 10:00	229.6	5.993	230.6	3.941	-0.943	80.1	73.9	0
2002-09-15 11:00	239.8	5.286	230.4	3.893	-1.245	81.9	70.9	0
2002-09-15 12:00	256.2	4.635	253.7	3.518	-1.215	84	68.55	0
2002-09-15 13:00	261	4.789	260.5	3.862	-1.106	86.3	63.04	0
2002-09-15 14:00	215.2	4.105	214	3.47	-1.039	88.8	58.15	0
2002-09-15 15:00	207.4	5.751	214.1	4.174	-0.692	89.5	58.35	0
2002-09-15 16:00	200.6	10.17	206.2	6.928	-0.577	89.9	55.81	0
2002-09-15 17:00	204.5	10.2	205.9	6.11	-0.137	88.9	53.79	0
2002-09-15 18:00	204.3	8.43	207.9	3.948	0.254	87.4	59.21	0
2002-09-15 19:00	221.3	5.98	156	1.22	1.75	84.5	68.84	0
2002-09-15 20:00	304.4	9.24	32.88	4.615	1.388	82.4	71.9	0
2002-09-15 21:00	15.31	6.478	19.53	3.832	0.059	79	72.9	0
2002-09-15 22:00	128.9	3.747	118.4	1.818	1.99	76.9	78.6	0
2002-09-15 23:00	142.8	8.55	123.3	3.161	2.914	76.9	81	0
2002-09-16 00:00	196	8.52	159.7	2.654	1.738	77.5	80.4	0
2002-09-16 01:00	196.3	6.77	171.5	2.267	0.418	77.8	78.5	0
2002-09-16 02:00	209.9	6.617	184.8	1.426	0.587	76.9	80.7	0
2002-09-16 03:00	222.6	7.09	182.5	1.951	0.75	76.2	83.3	0
2002-09-16 04:00	219.4	6.234	166.1	1.744	0.603	75.6	85.3	0
2002-09-16 05:00	216.9	6.933	184.7	2.436	0.369	75.3	86	0
2002-09-16 06:00	213.9	6.541	181.2	2.047	0.392	75	87.2	0
2002-09-16 07:00	217.9	6.458	197.2	1.721	0.346	74.5	88.8	0
2002-09-16 08:00	218.7	5.394	189.5	1.945	0.083	74.3	90.6	0
2002-09-16 09:00	225.9	3.348	206	2.347	-0.619	75.6	89	0
2002-09-16 10:00	228.9	2.46	213.3	2.107	-0.794	77.2	86.6	0
2002-09-16 11:00	237.1	2.88	229.8	2.764	-0.877	78.7	82.6	0
2002-09-16 12:00	253.4	3.148	245.2	2.846	-1.07	81.1	76.4	0
2002-09-16 13:00	229.6	2.792	209.8	2.62	-1.042	82.9	70.7	0
2002-09-16 14:00	242.7	6.007	237.1	3.815	-0.793	84	64.94	0
2002-09-16 15:00	225.9	4.736	225.3	2.428	-0.323	83.4	67.64	0
2002-09-16 16:00	207.3	6.191	207.8	3.954	-0.604	83.3	67.9	0
2002-09-16 17:00	210	6.798	209.2	3.9	-0.371	81.9	73.6	0
2002-09-16 18:00	217.9	6.437	209.1	3.279	-0.089	80.8	78.3	0
2002-09-16 19:00	218.3	7.71	201.3	3.154	0.251	79.7	79.3	0
2002-09-16 20:00	237.8	7.34	225.1	2.872	0.778	78.5	80.7	0
2002-09-16 21:00	234	5.857	196	1.951	0.89	77.8	77.4	0
2002-09-16 22:00	235.9	6.323	148.9	1.242	1.774	75.2	84.3	0.01

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2002-09-16 23:00	246	5.428	60.92	1.1	2.63	73.2	92.9	0.01
2002-09-17 00:00	253.5	3.091	77.5	1.492	2.602	72.7	97.4	0
2002-09-17 01:00	281.5	2.517	59.07	1.474	2.135	72.8	98.5	0
2002-09-17 02:00	323.2	3.85	33.05	1.771	1.562	73.1	99	0
2002-09-17 03:00	333.4	4.836	22.59	1.369	0.858	73.2	95.8	0.01
2002-09-17 04:00	69.91	1.812	100.6	1.373	0.918	72.3	99	0.04
2002-09-17 05:00	94.1	3.426	95.3	1.633	0.761	72.1	99.7	0.02
2002-09-17 06:00	109.4	5.582	105.1	1.655	0.105	71.9	99.7	0
2002-09-17 07:00	116.3	5.65	127.4	1.647	-0.287	71.9	99.7	0
2002-09-17 08:00	108.3	3.683	80.8	1.505	-0.494	72	99.7	0
2002-09-17 09:00	75.5	3.411	37.82	1.9	-0.73	72.7	99.7	0
2002-09-17 10:00	86	2.959	39.22	2.795	-0.759	74	98.4	0
2002-09-17 11:00	58.25	4.042	43.25	3.35	-0.851	75.6	90	0
2002-09-17 12:00	60	4.091	41.67	3.401	-0.866	77	85	0
2002-09-17 13:00	97.2	3.962	56.01	3.375	-0.964	80	76.7	0
2002-09-17 14:00	128.7	4.257	107.3	3.437	-0.945	82.7	69	0
2002-09-17 15:00	58.58	4.851	31.58	3.282	-0.418	81.5	73.6	0.02
2002-09-17 16:00	3.912	7.72	1.808	4.032	-0.054	76.6	91.9	0.04
2002-09-17 17:00	282.1	7.91	253.3	3.13	-0.162	74.9	96.8	0.21
2002-09-17 18:00	200.4	6.398	175.3	3.17	-0.532	74	99.6	0.15
2002-09-17 19:00	134.5	8.33	139.3	3.633	-0.382	73.5	99.4	0
2002-09-17 20:00	127.7	4.657	120.3	1.792	-0.554	73.2	99.7	0
2002-09-17 21:00	142.3	5.749	122.2	1.945	-0.12	72.9	99.7	0
2002-09-17 22:00	139.1	6.064	89.8	1.799	-0.075	72.6	99.7	0
2002-09-17 23:00	134.2	6.707	88	1.998	-0.065	72.5	99.7	0
2002-09-18 00:00	132.5	8.39	95.5	2.357	0.062	72.2	99.7	0
2002-09-18 01:00	135.8	8.8	99.7	2.484	0.235	72	99.7	0
2002-09-18 02:00	140.6	8.74	119.8	2.327	0.346	71.7	99.7	0.01
2002-09-18 03:00	150.4	9.13	130.1	3.232	0.375	71.6	99.5	0
2002-09-18 04:00	157.1	6.976	136.4	2.307	0.158	71.9	99.2	0
2002-09-18 05:00	160.2	6.072	119	2.132	0.18	72.2	99.2	0
2002-09-18 06:00	161.9	7.12	132	2.638	0.141	72.5	99.6	0
2002-09-18 07:00	154.2	6.431	118.3	2.303	0.052	72.4	99.7	0
2002-09-18 08:00	147.3	7.89	119.8	2.617	0.004	72.3	99.7	0
2002-09-18 09:00	151.4	7.21	140.4	3.758	-0.543	73.7	99.8	0
2002-09-18 10:00	206.2	6.067	209.5	4.513	-0.91	77.6	92.5	0
2002-09-18 11:00	214.6	8.11	211.2	5.757	-1.167	80.2	81.9	0
2002-09-18 12:00	213.3	6.471	215.3	5.018	-1.057	82.1	75.9	0
2002-09-18 13:00	223.6	7.13	217.9	4.817	-1.115	83.4	75.2	0
2002-09-18 14:00	210.9	8.6	211.2	5.98	-1.056	85.6	66.69	0
2002-09-18 15:00	207.4	11.46	210.2	7.93	-0.82	87.2	54.69	0
2002-09-18 16:00	199.7	9.51	199.4	7.02	-0.948	88.3	53.75	0
2002-09-18 17:00	193.2	8.86	193.4	5.994	-0.506	87.7	55.59	0
2002-09-18 18:00	177	8.89	171.9	5.735	-0.375	87.5	55.99	0
2002-09-18 19:00	170.7	6.593	147.2	2.221	1.16	84.1	64.89	0
2002-09-18 20:00	163.8	7.61	115.4	1.916	2.262	81.5	69.24	0
2002-09-18 21:00	160	8.85	116.2	2.414	2.314	79.5	75.1	0
2002-09-18 22:00	147.4	10.6	92	2.6	2.17	77.9	79	0
2002-09-18 23:00	150.9	12.41	120.2	4.075	1.711	77	81.2	0
2002-09-19 00:00	164.1	10.65	145.6	4.517	0.797	77.4	79.6	0
2002-09-19 01:00	169.1	9.55	158.7	4.668	0.215	77.3	79.1	0
2002-09-19 02:00	175.3	9.46	170	4.715	0.117	76.3	83.6	0
2002-09-19 03:00	177.6	7.72	174.9	3.809	0.085	75.7	86	0
2002-09-19 04:00	160.7	8.93	139.9	3.515	0.385	74.7	90	0
2002-09-19 05:00	152.9	9.72	132.6	3.52	0.517	73.8	92.3	0
2002-09-19 06:00	150.5	8.42	128.5	2.683	0.402	73.5	93.4	0

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2002-09-19 07:00	134.8	11.54	122.2	3.967	0.167	73	95.5	0
2002-09-19 08:00	134.4	11.91	130.9	4.846	-0.19	73.1	97.2	0
2002-09-19 09:00	153.8	10.92	149.4	6.023	-1.056	77.6	88.7	0
2002-09-19 10:00	164.6	11.41	158.4	6.914	-1.007	80.2	81.3	0
2002-09-19 11:00	166.2	13.61	159.3	8.34	-1.213	82.5	75.2	0
2002-09-19 12:00	178.3	11.52	173.5	7.64	-1.12	84.8	67.81	0
2002-09-19 13:00	179.9	9.83	179.3	7.01	-0.842	85.7	65.43	0
2002-09-19 14:00	182.8	7.82	184.7	5.15	-0.549	85.2	68.35	0
2002-09-19 15:00	164.3	7.3	160.5	4.46	-0.574	85.3	68.42	0
2002-09-19 16:00	171.6	5.799	182.9	3.229	-0.356	85.4	69.94	0
2002-09-19 17:00	175.6	5.872	180.3	2.47	0.161	84.3	71.6	0
2002-09-19 18:00	189.8	5.703	169.5	3.444	0.196	79.9	87.2	0.08
2002-09-19 19:00	94.7	2.184	54.26	2.239	2.804	76.9	98.2	0
2002-09-19 20:00	188.9	4.394	67.44	2.733	1.27	76.2	98.1	0.24
2002-09-19 21:00	131.7	5.762	68.31	2.263	2.077	76	99.2	0.01
2002-09-19 22:00	143.2	11.33	140.9	5.428	0.532	75.9	97.7	0.94
2002-09-19 23:00	149.6	7.57	106.4	2.228	1.019	75.6	97.1	0.01
2002-09-20 00:00	185.7	6.542	205.7	2.528	0.601	75.3	98.8	0
2002-09-20 01:00	176.9	8.43	178	3.627	0.407	75.7	97	0
2002-09-20 02:00	177.2	8.62	174.4	3.743	0.294	75.5	96.4	0
2002-09-20 03:00	173.1	8.59	169.6	3.64	0.13	75.3	96.8	0
2002-09-20 04:00	186.7	7.19	188.8	3.054	0.017	74.6	98.4	0
2002-09-20 05:00	157.6	10.49	144	5.119	-0.11	74.7	98.9	0
2002-09-20 06:00	152.3	12.13	139.6	6.318	-0.172	74.8	98.2	0
2002-09-20 07:00	146.7	13.22	137.8	6.697	-0.133	74.7	96.7	0
2002-09-20 08:00	144.3	12.53	141.1	6.585	-0.242	75	96.4	0
2002-09-20 09:00	175	8.87	172.6	5.015	-0.393	76.5	93.1	0
2002-09-20 10:00	185.3	9.14	184.4	6.081	-0.625	78.6	87	0
2002-09-20 11:00	191.3	11.18	189.4	7.52	-0.85	81.2	80.4	0
2002-09-20 12:00	191.1	12.32	186.6	8.43	-0.985	82.6	75.8	0
2002-09-20 13:00	195.3	9.95	198.1	7.02	-0.92	83.6	74.4	0
2002-09-20 14:00	199.9	9	189.1	5.085	-0.394	81.2	81.9	0.03
2002-09-20 15:00	245.1	11.14	232.9	5.414	-0.054	77.8	88.8	0.18
2002-09-20 16:00	211.9	7.74	198.1	3.551	-0.276	75	97.1	0.13
2002-09-20 17:00	134.5	3.175	132.9	2.728	-0.858	77.1	93.4	0
2002-09-20 18:00	143.3	5.266	134.2	2.783	-0.476	76.6	96.7	0.03
2002-09-20 19:00	133.2	6.317	104.9	2.375	-0.293	76.3	98.4	0.01
2002-09-20 20:00	123	6.518	124.3	2.336	-0.318	75.3	99.6	0
2002-09-20 21:00	124	5.51	107.2	2.064	-0.404	74.5	99.8	0
2002-09-20 22:00	136.7	4.423	82.6	1.43	0.172	73.7	99.8	0
2002-09-20 23:00	120.9	6.912	102	2.184	0.327	73.4	99.8	0
2002-09-21 00:00	123	6.434	109	2.36	-0.214	73.4	99.8	0
2002-09-21 01:00	120.1	6.731	103.4	2.092	-0.093	73.2	99.8	0.01
2002-09-21 02:00	108.8	4.853	84.2	1.968	-0.085	73.1	99.8	0
2002-09-21 03:00	93	3.107	45.87	1.553	1.015	73.1	99.8	0
2002-09-21 04:00	123.5	4.076	83.8	1.466	1.651	73.2	99.8	0
2002-09-21 05:00	51.09	2.843	11.57	1.344	0.514	73.1	99.8	0
2002-09-21 06:00	35.08	4.792	47.49	2.603	-0.008	73.3	99.8	0
2002-09-21 07:00	69.9	5.788	60.33	1.941	-0.147	72.8	99.8	0
2002-09-21 08:00	79.7	5.082	67.13	1.531	-0.447	72.9	99.8	0
2002-09-21 09:00	88	4.154	64.41	2.512	-0.831	74.5	99.9	0
2002-09-21 10:00	93.9	3.522	75.2	2.363	-0.757	76.4	96.8	0
2002-09-21 11:00	109	3.613	110.2	2.781	-0.909	78.5	89.2	0
2002-09-21 12:00	132.6	3.786	143.5	3.201	-1.003	80.1	84.9	0
2002-09-21 13:00	133	3.155	147.5	2.599	-0.869	81.6	80.7	0
2002-09-21 14:00	308.2	2.712	297.7	2.604	-0.839	82.7	77.8	0

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2002-09-21 15:00	289.7	4.727	272.9	4.114	-1.152	85	70.6	0
2002-09-21 16:00	304.9	4.336	296.5	2.775	-0.899	85.1	70.8	0
2002-09-21 17:00	290.9	4.296	276.1	2.106	-0.497	84.1	73.9	0
2002-09-21 18:00	332.8	4.362	333.4	3.079	-0.589	84.6	71.5	0
2002-09-21 19:00	9.71	8.32	7.19	5.122	-0.202	81.9	80.3	0
2002-09-21 20:00	15.8	8.6	14.88	4.478	0.165	79.4	86.7	0
2002-09-21 21:00	29.83	6.559	29.53	3.109	0.146	77.9	91.1	0
2002-09-21 22:00	65.5	6.185	83.1	3.739	0.334	75.6	92.4	0.23
2002-09-21 23:00	26.33	7.37	40.24	3.764	0.682	73.1	96.8	0.01
2002-09-22 00:00	82.9	6.677	90.9	1.908	0.954	73	98.8	0
2002-09-22 01:00	98.6	5.834	91.9	1.608	0.773	73.6	99.8	0
2002-09-22 02:00	85.6	6.775	57.04	2.41	-0.137	74.2	99.8	0
2002-09-22 03:00	170	3.614	204.5	1.885	-0.192	74.1	99.8	0
2002-09-22 04:00	54.88	2.106	41.84	1.388	-0.248	74	99.8	0
2002-09-22 05:00	65.57	3.86	40.93	1.661	-0.29	74.1	99.9	0.02
2002-09-22 06:00	353.1	3.911	329.9	2.674	-0.462	74.3	99.9	0.01
2002-09-22 07:00	3.03	5.999	349.8	3.515	-0.538	74.1	99.8	0.08
2002-09-22 08:00	5.454	10.82	2.887	6.644	-0.623	73.5	99.8	0.48
2002-09-22 09:00	27.34	7.07	19.78	4.572	-0.632	72.7	99.7	0.41
2002-09-22 10:00	25.4	7.62	11.16	4.678	-0.659	72.5	99.7	0.04
2002-09-22 11:00	20.42	8.31	12.86	5.578	-0.702	73.1	99.7	0
2002-09-22 12:00	25.39	12.66	18.25	9.27	-0.682	73.9	97.3	0.02
2002-09-22 13:00	27	11.08	18.98	8.76	-0.908	76.6	82.6	0
2002-09-22 14:00	31.56	12.28	26.71	9.34	-0.838	77.9	75.7	0
2002-09-22 15:00	22.28	12.9	12.02	9.65	-0.802	79.1	71.6	0
2002-09-22 16:00	23.04	12.86	16.15	9.52	-0.804	80.4	65.09	0
2002-09-22 17:00	12.33	9.99	4.907	7.1	-0.64	79.6	69.14	0
2002-09-22 18:00	12.18	8.15	4.411	5.368	-0.313	78.3	72.7	0
2002-09-22 19:00	8.33	9.5	7.43	5.024	0.227	77	73.7	0
2002-09-22 20:00	11.66	9.16	12.19	4.438	0.504	75.5	76.1	0
2002-09-22 21:00	17.96	10.13	11.11	5.645	0.07	74.8	76.3	0
2002-09-22 22:00	19.32	9.72	13.88	4.993	0.194	73.2	79.9	0
2002-09-22 23:00	16.6	9.68	7.47	6.211	-0.138	73.1	77.7	0
2002-09-23 00:00	19.37	9.04	13.15	5.7	-0.141	71.8	76	0
2002-09-23 01:00	14.59	8.68	7.13	5.15	-0.093	70.2	77.5	0
2002-09-23 02:00	12.93	9.39	4.245	5.374	-0.125	68.38	80.9	0
2002-09-23 03:00	17.39	10.23	9.23	6.053	-0.159	67.38	81	0
2002-09-23 04:00	18.19	10.64	9.02	6.419	-0.132	66.38	83.2	0
2002-09-23 05:00	19.59	11.14	9.68	6.931	-0.164	65.65	83.7	0
2002-09-23 06:00	22.82	9.9	15.88	6.19	-0.197	64.71	84.7	0
2002-09-23 07:00	20.87	9.05	13.46	5.389	-0.203	63.82	86.6	0
2002-09-23 08:00	25.77	8.58	20.45	5.65	-0.388	63.75	85.6	0
2002-09-23 09:00	31.47	7.96	26.94	6.255	-0.694	65.68	78.5	0
2002-09-23 10:00	43.94	8.65	34.88	6.837	-0.999	68.56	72.4	0
2002-09-23 11:00	34.98	8.22	25.23	7.02	-0.984	70.8	70.8	0
2002-09-23 12:00	15.96	9.15	10.99	7.52	-1.145	72.5	69.69	0
2002-09-23 13:00	7.14	9.18	7.21	7.91	-1.238	74.4	68.22	0
2002-09-23 14:00	4.565	10.23	0.211	8.23	-1.086	75.7	66.1	0
2002-09-23 15:00	9.46	11.69	7.78	8.97	-1.04	77.7	63.49	0
2002-09-23 16:00	11.55	11.3	4.418	8.23	-0.736	78.1	61.71	0
2002-09-23 17:00	11.01	11.56	7.96	8.64	-0.74	79	58.97	0
2002-09-23 18:00	8.67	9.92	4.692	6.962	-0.465	78.4	60.47	0
2002-09-23 19:00	7.97	10.37	8.04	6.017	0.044	76.2	62.9	0
2002-09-23 20:00	11.68	10.98	8.06	6.266	0.105	74.2	63.05	0
2002-09-23 21:00	13.67	12.76	6.538	7.8	-0.041	73.5	58.1	0
2002-09-23 22:00	24.12	12.15	16.3	7.86	-0.027	71.9	55.27	0

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2002-09-23 23:00	22.86	10.27	16.53	6.29	0.013	69.77	58.06	0
2002-09-24 00:00	24.82	10.02	18.82	6.011	0.077	68.02	61.45	0
2002-09-24 01:00	24.37	9.19	17.84	4.99	0.103	66.42	63.77	0
2002-09-24 02:00	27.64	9.88	11.32	5.431	0.297	65.75	62.64	0
2002-09-24 03:00	29.36	8.69	14.89	4.245	0.403	64.92	61.96	0
2002-09-24 04:00	26.66	8.22	16.13	4.074	0.294	63.9	63.78	0
2002-09-24 05:00	27.02	8.02	16.82	4.119	0.066	63.9	63.55	0
2002-09-24 06:00	24.83	9.18	17.1	4.831	-0.018	63.86	64.23	0
2002-09-24 07:00	24.7	7.77	19.04	4.042	0.032	63.2	67.18	0
2002-09-24 08:00	28.14	9.08	18.56	5.288	-0.12	62.51	70.1	0
2002-09-24 09:00	34.12	8.94	17.63	5.814	-0.261	63.12	70.2	0
2002-09-24 10:00	27.59	7.7	14.87	5.088	-0.624	63.91	72.4	0
2002-09-24 11:00	37.73	8.06	24.58	6.17	-0.748	66.25	70.6	0
2002-09-24 12:00	42.86	9.57	32.75	7.1	-0.799	67.85	70.8	0
2002-09-24 13:00	35.9	9.79	23.14	7.48	-0.841	69.17	72.1	0
2002-09-24 14:00	34.04	8.57	22.89	6.376	-0.761	70.3	73.5	0
2002-09-24 15:00	22.89	8.78	14.9	6.619	-0.702	70.9	75.4	0
2002-09-24 16:00	17.59	8.57	11.95	6.183	-0.623	71	77.2	0
2002-09-24 17:00	34.6	7.64	26.09	5.064	-0.391	70.2	80.2	0
2002-09-24 18:00	35.73	9.31	23.46	6.049	-0.35	70.8	80.8	0
2002-09-24 19:00	30.63	10.82	19.58	7.02	-0.269	70.3	81.3	0
2002-09-24 20:00	35.16	11.77	24.56	7.78	-0.237	70.1	82	0
2002-09-24 21:00	43.93	13.23	31.01	9.5	-0.314	70.4	81.7	0
2002-09-24 22:00	45.97	14.19	35.16	9.74	-0.332	70.6	81.9	0
2002-09-24 23:00	39.89	11.37	30.56	8.1	-0.356	70.4	82.9	0
2002-09-25 00:00	47.76	10.45	33.81	7.01	-0.279	70.3	84.3	0
2002-09-25 01:00	34.69	8.9	23.14	5.819	-0.289	70.5	85.2	0
2002-09-25 02:00	46.54	9.6	32.51	6.478	-0.363	70.2	87.2	0
2002-09-25 03:00	51.82	9.16	34.22	5.757	-0.387	68.84	93.6	0.01
2002-09-25 04:00	47.37	10.14	32.56	6.438	-0.49	68.25	96.7	0.02
2002-09-25 05:00	39.3	10.11	24.54	6.501	-0.475	68.11	97.3	0.03
2002-09-25 06:00	38.71	9.73	25.21	6.126	-0.462	68.29	97.3	0
2002-09-25 07:00	40.5	9.9	27.16	6.77	-0.575	68.58	97.5	0.05
2002-09-25 08:00	43.67	12.51	32.85	8.39	-0.533	68.82	96.8	0.01
2002-09-25 09:00	48.31	13.53	38.34	9.26	-0.525	68.98	95.6	0.02
2002-09-25 10:00	52.36	15.44	39.2	10.7	-0.561	69.08	95.5	0.03
2002-09-25 11:00	58.65	16.66	42.12	10.81	-0.576	69.57	94.8	0.02
2002-09-25 12:00	53.77	17.52	39.17	12.55	-0.545	69.54	93.8	0.04
2002-09-25 13:00	47.02	18.25	36.56	12.87	-0.521	68.99	94.2	0.29
2002-09-25 14:00	36.31	16.51	26.39	11.99	-0.534	68.27	95.2	0.19
2002-09-25 15:00	33.37	15.68	25.47	11.05	-0.53	68.23	94.2	0.01
2002-09-25 16:00	32.7	13.41	25.63	9.87	-0.55	67.88	94.7	0.03
2002-09-25 17:00	34.15	14.11	23.33	9.65	-0.578	67.61	95.9	0.15
2002-09-25 18:00	33.15	13.73	23.81	9.68	-0.518	67.54	95.6	0.03
2002-09-25 19:00	35.45	13.63	24.23	9.45	-0.528	67.26	95.9	0.1
2002-09-25 20:00	35.68	13.35	26	9.44	-0.574	66.94	96.8	0.08
2002-09-25 21:00	42.73	14.11	30.1	9.77	-0.471	67.03	95.4	0
2002-09-25 22:00	42.23	14.7	30.88	10.37	-0.492	66.8	94.9	0.02
2002-09-25 23:00	38.61	14.38	27.28	9.97	-0.471	66.72	95.4	0
2002-09-26 00:00	37.4	12.51	25.62	9.13	-0.482	66.87	95.2	0
2002-09-26 01:00	35.82	14.71	25.99	10.61	-0.46	67	95	0
2002-09-26 02:00	29.8	14.15	21.07	9.85	-0.49	66.98	95.7	0.01
2002-09-26 03:00	28.81	15.45	18.91	10.7	-0.467	67.31	95.4	0
2002-09-26 04:00	23.29	15.73	13.19	10.89	-0.504	67.29	95.7	0.07
2002-09-26 05:00	21.19	16.67	10.87	11.58	-0.559	67.28	96.7	0.41
2002-09-26 06:00	21.47	20.26	11.37	14.7	-0.635	67.11	97.7	0.49

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2002-09-26 07:00	19.16	19.65	9.19	13.76	-0.679	67.05	97.7	0.36
2002-09-26 08:00	14.69	17.16	6.352	11.36	-0.684	67.12	97.9	0.48
2002-09-26 09:00	10.88	15.48	1.727	10.63	-0.702	67.3	98.7	0.73
2002-09-26 10:00	4.208	20	357.8	13.09	-0.816	67.44	99.4	0.95
2002-09-26 11:00	5.428	21.21	359.1	14.45	-1.194	68.35	99.7	0.48
2002-09-26 12:00	1.097	18.43	354.9	12.45	-0.55	68.95	99.6	0.19
2002-09-26 13:00	343.6	17.12	348.3	9.98	-0.544	68.92	97.2	0.27
2002-09-26 14:00	321	16.44	321.4	7.84	-0.639	68.14	98.1	0.28
2002-09-26 15:00	317.4	17.55	317.4	8.41	-0.565	68.18	97.7	0.03
2002-09-26 16:00	307.3	17.18	294.5	7.95	-0.543	67.87	97.5	0.01
2002-09-26 17:00	298.4	18.83	281.1	8.91	-0.558	67.36	98.2	0.03
2002-09-26 18:00	299.8	19.61	283.6	8.63	-0.549	66.85	98.6	0.01
2002-09-26 19:00	301.8	18.06	283.9	8.05	-0.403	67.12	97.9	0
2002-09-26 20:00	297.1	18.22	280.1	7.96	-0.255	67.67	93.9	0
2002-09-26 21:00	299.1	14.79	279.4	6.694	-0.248	68.08	92	0
2002-09-26 22:00	296.8	13.91	280.6	6.253	-0.181	68.48	90.2	0
2002-09-26 23:00	294.8	12.85	279.2	5.674	-0.186	68.75	89.4	0
2002-09-27 00:00	296.9	11.52	282.2	5.262	-0.226	68.59	90.4	0
2002-09-27 01:00	296.2	10.15	272.7	4.517	-0.18	68.69	89.6	0
2002-09-27 02:00	295.1	9.79	273.1	4.131	-0.147	68.64	89.2	0
2002-09-27 03:00	278.6	6.686	251.9	2.542	-0.048	68.16	90.8	0
2002-09-27 04:00	266.9	7.06	242.1	2.509	0.156	66.97	93.3	0
2002-09-27 05:00	268.7	5.804	232.9	1.622	0.243	65.66	96	0
2002-09-27 06:00	280.3	4.893	244.8	1.353	0.381	65.23	96.6	0
2002-09-27 07:00	280.2	5.652	272.9	1.519	0.507	64.63	98	0
2002-09-27 08:00	292.6	4.793	257.7	1.408	0.209	65.36	95.4	0
2002-09-27 09:00	286.6	3.89	262.5	2.329	-0.524	67.35	90.6	0
2002-09-27 10:00	287.1	3.98	268.5	2.856	-0.953	70.3	82.7	0
2002-09-27 11:00	291.8	3.85	281.9	3.137	-0.957	72.4	77.1	0
2002-09-27 12:00	261.5	3.463	245.8	2.865	-1.077	74.4	74.3	0
2002-09-27 13:00	281.2	4.216	266.6	3.201	-1.159	76.3	71.2	0
2002-09-27 14:00	284.3	3.555	266.3	3.037	-1.247	78.4	66.96	0
2002-09-27 15:00	325.3	4.491	309.6	3.651	-0.975	79.3	64.15	0
2002-09-27 16:00	339.6	5.318	332.9	3.994	-0.825	80.4	60.86	0
2002-09-27 17:00	355.9	5.012	354.2	3.956	-0.733	81	58.75	0
2002-09-27 18:00	353.3	3.813	350.8	2.526	-0.22	80.5	61.99	0
2002-09-27 19:00	44.15	5.099	54.24	1.527	4.034	75.7	80.1	0
2002-09-27 20:00	58.4	6.604	47.13	2.043	7.43	71.8	86.4	0
2002-09-27 21:00	62.08	6.241	59.11	1.29	8.45	69.48	91.5	0
2002-09-27 22:00	65.72	6.613	52.63	1.629	9.07	68.2	95.7	0
2002-09-27 23:00	83.4	6.92	94.1	1.734	8.24	67.34	97.5	0
2002-09-28 00:00	109.5	9.41	118	1.638	4.554	67.16	98.8	0
2002-09-28 01:00	110.6	9.71	108	1.123	4.114	66.79	99.6	0
2002-09-28 02:00	110.6	8.5	127.3	1.2	5.068	65.82	99.6	0
2002-09-28 03:00	107.5	6.698	71.8	1.141	4.124	65.49	99.6	0
2002-09-28 04:00	101.2	5.788	140.9	0.84	4.732	64.48	99.6	0
2002-09-28 05:00	98	7.2	112.4	1.241	5.138	64.06	99.6	0
2002-09-28 06:00	99	8.27	108.3	1.349	4.863	63.77	99.6	0
2002-09-28 07:00	104.8	8.61	104.4	1.352	3.361	63.76	99.6	0
2002-09-28 08:00	104.5	6.954	89.9	1.271	2.361	64.09	99.6	0
2002-09-28 09:00	101.8	4.448	70.6	1.461	0.499	67.65	94.5	0
2002-09-28 10:00	104.5	3.256	131.6	2.288	-0.689	73.1	82.8	0
2002-09-28 11:00	98.5	4.923	97.5	3.654	-0.826	76.8	69.85	0
2002-09-28 12:00	82.1	4.876	73.2	3.948	-1.042	79.2	59.9	0
2002-09-28 13:00	342	5.054	330.7	4.063	-0.986	79.3	62.38	0
2002-09-28 14:00	8.29	4.945	6.93	4.329	-0.832	80.4	58.49	0

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2002-09-28 15:00	356.9	5.024	358	4.113	-0.979	81.2	57.46	0
2002-09-28 16:00	7.69	4.534	10.3	3.896	-0.879	81.7	56.21	0
2002-09-28 17:00	356.9	5.261	351.3	4.103	-0.758	81.8	56.4	0
2002-09-28 18:00	10.61	5.56	11.02	3.753	-0.212	80.9	59.59	0
2002-09-28 19:00	25.54	6.098	44.5	1.986	2.419	77.2	72.4	0
2002-09-28 20:00	31.76	7.7	44.94	2.225	5.75	73.1	80.3	0
2002-09-28 21:00	31.35	8.09	33.64	2.84	5.683	72.4	79.1	0
2002-09-28 22:00	33.97	8.08	37.51	2.667	5.941	70.7	82.3	0
2002-09-28 23:00	34.69	7.98	40.58	2.378	5.617	70.1	83	0
2002-09-29 00:00	52.14	7.28	69.04	1.208	6.602	67.5	92.7	0
2002-09-29 01:00	59.98	7.96	67	1.337	5.958	67.18	93.7	0
2002-09-29 02:00	60.45	7.54	43.41	1.636	5.49	66.9	93.3	0
2002-09-29 03:00	63.26	4.91	70.3	0.939	5.129	65.53	97.4	0
2002-09-29 04:00	69.9	3.706	70.3	0.805	4.339	64.91	98.6	0
2002-09-29 05:00	71.8	5.971	75.8	0.798	4.776	63.7	99.4	0
2002-09-29 06:00	69.8	5.158	100.5	0.611	4.525	63.28	99.6	0
2002-09-29 07:00	47.68	3.763	63.38	1.034	4.448	63.07	99.6	0
2002-09-29 08:00	55.98	3.876	107.2	0.907	3.746	63.14	99.6	0
2002-09-29 09:00	72	3.361	172.8	1.149	1.653	67.33	98	0
2002-09-29 10:00	95.2	3.007	78.9	2.227	-0.615	73.3	77.7	0
2002-09-29 11:00	117	4.004	129.4	3.433	-1.004	77.2	66.93	0
2002-09-29 12:00	305.9	4.421	272	3.863	-1.052	79	66	0
2002-09-29 13:00	39.93	5.594	29.93	4.411	-0.66	79.3	62.4	0
2002-09-29 14:00	69.96	4.996	47.04	4.122	-0.678	80.7	58.84	0
2002-09-29 15:00	62.82	5.196	51.28	3.733	-0.829	82	56.65	0
2002-09-29 16:00	63.34	5.708	39.27	4.634	-0.762	82.8	55.26	0
2002-09-29 17:00	71.4	5.509	49.16	4.204	-0.773	83.3	55.94	0
2002-09-29 18:00	70.1	5.032	46.37	2.752	0.146	82	61.7	0
2002-09-29 19:00	79.4	5.385	50.48	1.747	4.167	77.4	75.8	0
2002-09-29 20:00	89.1	6.278	63.29	1.527	7.26	73.7	84.2	0
2002-09-29 21:00	96.3	5.697	77.9	1.202	8.06	71.9	88.6	0
2002-09-29 22:00	107.6	7.42	88.6	2.023	5.599	71.9	87	0
2002-09-29 23:00	101.8	6.744	79	1.636	3.963	71.7	88.4	0
2002-09-30 00:00	114.6	7.33	89.1	2.159	3.265	71.5	90	0
2002-09-30 01:00	122.8	7.29	73	2.08	3.252	70.3	93.2	0
2002-09-30 02:00	127.8	8.31	90	1.801	4.371	69.27	95.4	0
2002-09-30 03:00	125.3	9.34	90.7	1.808	3.742	68.68	95.3	0
2002-09-30 04:00	134.5	9.3	88.5	1.991	4.182	67.92	97.2	0
2002-09-30 05:00	133.1	10.75	95.3	2.918	3.681	68.1	96.1	0
2002-09-30 06:00	129.2	10.86	103.7	2.771	3.546	67.27	96.9	0
2002-09-30 07:00	124.2	10.57	94.8	2.778	3.146	67.03	96.8	0
2002-09-30 08:00	119.6	11.34	102.5	3.23	2.428	67.01	96.7	0
2002-09-30 09:00	118.8	8.49	120.9	3.133	0.193	69.75	92.4	0
2002-09-30 10:00	123.5	5.818	131.7	3.614	-0.761	74.2	83.1	0
2002-09-30 11:00	127.6	4.64	119.3	3.522	-1.002	78.5	73.3	0
2002-09-30 12:00	128.9	4.701	117.6	3.514	-0.915	80.9	67.32	0
2002-09-30 13:00	127.3	4.881	120.2	3.734	-0.98	82.3	63.15	0
2002-09-30 14:00	128.8	5.518	120.4	3.76	-1.087	83.1	61.98	0
2002-09-30 15:00	149.3	7.09	158.8	4.616	-0.9	83.7	60.03	0
2002-09-30 16:00	144.8	6.218	145.1	4.233	-0.963	84.1	59.54	0
2002-09-30 17:00	125.5	5.726	123.6	3.353	-0.715	83.7	63.01	0
2002-09-30 18:00	132.3	6.346	138	3.267	-0.446	83	66.44	0
2002-09-30 19:00	139.9	7.26	85.2	1.898	1.883	79.1	76	0
2002-09-30 20:00	137.1	7.55	57.23	1.697	3.819	75.8	85.9	0
2002-09-30 21:00	135.5	8.24	59.34	1.469	4.165	74.4	89.8	0
2002-09-30 22:00	129.9	7.42	84.1	0.936	3.214	74.8	89.1	0

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2002-09-30 23:00	136.4	7.04	78.2	0.959	2.376	75	88.9	0
2002-10-01 00:00	158.2	5.638	92.6	1.904	1.847	74.7	90.8	0
2002-10-01 01:00	153.7	6.683	91.1	1.708	2.222	75	89.8	0
2002-10-01 02:00	145.2	7.8	85.9	1.581	1.851	74.1	90.9	0
2002-10-01 03:00	143.5	8.36	78.2	2.11	1.612	73.8	92.5	0
2002-10-01 04:00	136.6	9.81	82.3	2.594	0.921	73.2	94	0
2002-10-01 05:00	138.7	10.18	92.9	2.817	0.964	72.8	95.1	0
2002-10-01 06:00	124.7	9.4	84.5	2.638	0.462	71.9	96.7	0
2002-10-01 07:00	128.5	8.9	81.9	2.411	0.595	71.4	97.9	0
2002-10-01 08:00	120.9	8.08	86.4	2.355	0.235	71.2	98.7	0
2002-10-01 09:00	117.7	5.804	118	2.783	-0.655	72.7	98.1	0
2002-10-01 10:00	119.9	6.942	136.4	4.07	-0.877	73.3	97.1	0
2002-10-01 11:00	127.9	7.97	142.8	5.134	-1.037	75.4	94.1	0
2002-10-01 12:00	133.9	5.588	143.1	3.991	-1.08	78	87.8	0
2002-10-01 13:00	140.2	4.959	141.6	3.5	-0.998	81.7	76.1	0
2002-10-01 14:00	144	4.424	161.5	3.285	-0.907	84.1	67.28	0
2002-10-01 15:00	144.5	5.09	154.5	3.947	-0.982	85.9	61.42	0
2002-10-01 16:00	133.5	5.509	130.4	3.272	-0.897	86.6	59.8	0
2002-10-01 17:00	114.2	4.614	104.5	2.94	-0.65	86.5	61.12	0
2002-10-01 18:00	84.6	3.382	61.96	1.965	0.221	85.2	66.94	0
2002-10-01 19:00	88.3	5.046	61.2	1.729	3.444	81.4	78.1	0
2002-10-01 20:00	103.5	5.881	60.12	1.649	4.438	78.8	84.6	0
2002-10-01 21:00	99.5	6.746	56.38	1.906	4.119	77.5	87	0
2002-10-01 22:00	104.1	6.447	48.92	1.763	2.969	76.2	90.2	0
2002-10-01 23:00	111	7.72	53.69	2.297	1.601	75.8	91.3	0
2002-10-02 00:00	121.1	7.43	77.9	1.636	0.556	75.2	92.4	0
2002-10-02 01:00	115.2	6.251	88.5	1.383	0.535	74.7	93.4	0
2002-10-02 02:00	114.4	6.409	81.6	1.053	0.727	73.8	95.4	0
2002-10-02 03:00	115.4	6.793	41.27	1.555	0.999	73.3	96.8	0
2002-10-02 04:00	102.4	5.206	36.11	2.101	0.338	72.5	98.4	0
2002-10-02 05:00	109.7	7.42	47.87	1.967	0.229	72	99.3	0
2002-10-02 06:00	111	8.2	63.57	2.482	0.023	72.2	98	0
2002-10-02 07:00	106.7	8.06	60.06	2.862	-0.115	71.7	97.5	0
2002-10-02 08:00	103.1	7.67	62.18	2.619	-0.101	71.7	97.8	0
2002-10-02 09:00	102.3	6.913	74.2	3.166	-0.435	74.1	92	0
2002-10-02 10:00	114.5	6.178	115.4	3.857	-0.987	77.3	84.5	0
2002-10-02 11:00	120.9	6.657	114.8	4.076	-1.236	81.2	76	0
2002-10-02 12:00	113.6	9.1	109.7	5.227	-1.146	83	71.5	0
2002-10-02 13:00	97.4	7.49	67.75	5.185	-0.81	84.4	68.83	0
2002-10-02 14:00	111.5	8.3	102.4	4.922	-0.86	85.1	67.94	0
2002-10-02 15:00	117.2	6.797	106.5	4.189	-0.89	85.6	66.54	0
2002-10-02 16:00	109.2	4.298	103	2.662	-0.733	85.4	67.99	0
2002-10-02 17:00	90.7	4.776	64.61	2.821	-0.395	85.2	67.97	0
2002-10-02 18:00	98.6	4.182	49.52	1.449	0.873	82.7	79.7	0
2002-10-02 19:00	88.9	6.285	44.83	2.329	0.645	80.8	82	0
2002-10-02 20:00	101.7	6.738	58.16	2.642	0.315	79.1	82	0
2002-10-02 21:00	97.8	6.859	34.27	2.932	0.83	77.6	86.8	0
2002-10-02 22:00	77.1	7.33	45	2.382	0.798	77.3	90	0
2002-10-02 23:00	87.7	8	48.24	2.878	0.248	77.5	88.9	0
2002-10-03 00:00	95.5	8.78	62.16	3.232	-0.088	77.5	87	0
2002-10-03 01:00	90.7	9.2	50.5	3.636	-0.035	77.2	86.1	0
2002-10-03 02:00	90.5	9.78	50.02	4.348	-0.136	76.9	84.6	0
2002-10-03 03:00	89.7	9.37	49.13	4.256	-0.203	76.2	84.8	0
2002-10-03 04:00	81.3	10.05	49.04	5.537	-0.313	75.9	82.7	0
2002-10-03 05:00	95.8	10.03	57.9	4.039	-0.283	74.7	85.2	0.02
2002-10-03 06:00	89.4	10.53	51.64	4.567	-0.194	73	91.6	0.06

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2002-10-03 07:00	85.9	11.28	53.94	5.629	-0.342	72.5	92.8	0.05
2002-10-03 08:00	76.3	12.33	44.96	7.24	-0.4	72.5	94.3	0.09
2002-10-03 09:00	71.7	13.98	42.8	8.89	-0.387	73	94.8	0.29
2002-10-03 10:00	56.75	16.41	37.24	11.22	-0.417	72.8	95.9	0.26
2002-10-03 11:00	62.1	16.57	42.43	10.91	-0.451	73.1	95.7	0.21
2002-10-03 12:00	64.77	16.58	42.3	11.42	-0.462	73.4	95.4	0.44
2002-10-03 13:00	87.2	14	53.61	8.81	-0.586	74.5	94.8	0.14
2002-10-03 14:00	85.9	15.18	48.92	8.99	-0.536	75	95.2	0.11
2002-10-03 15:00	88.3	15.46	52.11	9	-0.537	75.9	93.8	0
2002-10-03 16:00	98.4	17.48	62.58	8.59	-0.458	76.1	88.3	0
2002-10-03 17:00	101.2	17.23	78.5	8.63	-0.362	76.7	85.5	0
2002-10-03 18:00	110.8	17.82	97.8	7.55	-0.368	77	84	0
2002-10-03 19:00	117.1	20.57	110.7	8.85	-0.339	76.8	83.4	0
2002-10-03 20:00	119.8	21.27	121.2	9.23	-0.596	75.4	89.2	0.03
2002-10-03 21:00	135.3	24.86	140	12.62	-0.927	74.3	94.1	0.08
2002-10-03 22:00	150.4	26.82	150.3	15.14	-0.806	74.2	95.2	0
2002-10-03 23:00	168.9	27.63	162	16.51	-0.689	74	95	0.09
2002-10-04 00:00	183.1	23.73	178.5	13.68	-0.592	73.5	96.2	0.15
2002-10-04 01:00	192.6	23.81	189	13.99	-0.543	73.6	95.7	0.08
2002-10-04 02:00	196.7	21.64	189.1	12.43	-0.37	74.5	91.2	0
2002-10-04 03:00	204.6	21.91	200.2	13.5	-0.184	75.1	87	0
2002-10-04 04:00	212.4	20.75	207.8	13.27	-0.253	75.2	85.4	0
2002-10-04 05:00	211.3	18.32	207.7	11.91	-0.156	75.1	84.1	0
2002-10-04 06:00	213.7	13.46	208.7	8.17	-0.124	75	88.2	0
2002-10-04 07:00	209.6	13.26	206.1	7.96	-0.183	75.8	90.3	0
2002-10-04 08:00	209.4	12.26	202.2	7.28	-0.228	76.4	90.8	0
2002-10-04 09:00	210.9	11.98	206.4	7.75	-0.512	77.9	88.4	0
2002-10-04 10:00	213.8	13.54	207.5	9.53	-0.753	79.8	82.9	0
2002-10-04 11:00	219.6	12.43	213.1	7.81	-0.875	80.8	80	0
2002-10-04 12:00	222.6	14.16	218	8.65	-1.11	82.9	75	0
2002-10-04 13:00	225.5	11	219.3	7.06	-0.912	83.5	74.5	0
2002-10-04 14:00	223.1	10.79	221.6	6.842	-0.89	84.4	73.2	0
2002-10-04 15:00	214	10.97	211	6.924	-0.875	85.3	70.8	0
2002-10-04 16:00	210.6	9.38	205.7	6.381	-0.926	86.4	67.78	0
2002-10-04 17:00	201.1	10.09	194.9	6.486	-0.702	86.3	67.5	0
2002-10-04 18:00	205.8	7.34	197.7	4.057	-0.202	85.4	70.2	0
2002-10-04 19:00	193.3	7.41	163.1	2.303	1.123	83	74.1	0
2002-10-04 20:00	179	8.09	120.7	1.697	2.812	80.1	82.3	0
2002-10-04 21:00	175.4	9.13	137.8	2.915	2.071	79.7	82.1	0
2002-10-04 22:00	168.1	9.12	130.9	3.017	2.079	78.3	85.3	0
2002-10-04 23:00	174.5	9.55	143.7	3.366	1.731	78.4	84.1	0
2002-10-05 00:00	180.8	8.57	143.6	2.917	1.519	77.9	85.3	0
2002-10-05 01:00	193.8	8.28	164.7	2.611	1.179	77.3	86.9	0
2002-10-05 02:00	206.6	8.58	186.6	2.784	0.463	76.8	88.7	0
2002-10-05 03:00	210.5	8.19	206.4	3.586	0	76.3	92.5	0
2002-10-05 04:00	241.2	6.763	238.9	2.065	0.076	75.8	95.7	0
2002-10-05 05:00	237.9	7.14	229.1	2.825	-0.199	75.6	97.7	0
2002-10-05 06:00	233.3	6.058	225.9	3.035	-0.427	75.8	98.4	0
2002-10-05 07:00	265.6	4.192	254.7	1.562	-0.412	75.9	98.9	0
2002-10-05 08:00	297.5	3.471	321.7	1.217	-0.429	76	99.4	0
2002-10-05 09:00	348.5	7.01	337.5	4.638	-0.658	73.4	92.5	0
2002-10-05 10:00	5.333	6.88	356.1	4.75	-0.811	70.5	83.2	0
2002-10-05 11:00	359.7	5.913	358.9	4.637	-0.966	70.5	82.2	0
2002-10-05 12:00	6.722	5.366	5.918	4.273	-1.115	71.8	80.8	0
2002-10-05 13:00	7.78	4.867	7.71	4.413	-1.008	73.2	79.1	0
2002-10-05 14:00	13.94	4.615	9.48	4.151	-1.025	75.1	77.9	0

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2002-10-05 15:00	9.22	4.912	5.283	4.238	-1.094	76.3	78	0
2002-10-05 16:00	344.5	4.57	338.9	3.942	-1.061	77.7	77.8	0
2002-10-05 17:00	339.8	4.04	326.3	3.323	-0.883	78.2	79.7	0
2002-10-05 18:00	13.29	4.041	1.81	2.491	-0.456	77.9	81.3	0
2002-10-05 19:00	13.78	3.917	66.3	1.268	1.331	75.8	90.8	0
2002-10-05 20:00	11.89	6.542	18.08	1.882	1.955	74.6	91.3	0
2002-10-05 21:00	20.48	6.623	33.12	2.244	1.476	73.6	88.7	0
2002-10-05 22:00	52.38	7.31	81.2	1.838	2.403	71.9	91.3	0
2002-10-05 23:00	79.4	8.79	65.85	3.33	0.985	72.2	87.6	0
2002-10-06 00:00	54.96	8.25	45.07	4.049	0.548	72.1	84.8	0
2002-10-06 01:00	99.3	3.841	104.8	1.424	1.682	70.1	91	0
2002-10-06 02:00	205.3	3.334	98.4	1.385	2.227	69.12	95.8	0
2002-10-06 03:00	163	4.86	87.5	1.245	2.682	69.01	97.9	0
2002-10-06 04:00	182.9	5.546	134.5	1.536	1.638	69.31	98.9	0
2002-10-06 05:00	177.7	5.85	106	1.447	1.822	69.1	99.2	0
2002-10-06 06:00	146.8	5.372	87	1.82	1.616	68.68	99.6	0
2002-10-06 07:00	140.8	8.43	124.5	2.754	1.479	68.48	99.7	0
2002-10-06 08:00	172.5	6.491	141	1.776	1.577	68.68	99.7	0
2002-10-06 09:00	191.4	4.604	206.2	2.772	-0.065	70.9	98	0
2002-10-06 10:00	205.5	5.23	206.5	3.793	-1.009	74.8	88	0
2002-10-06 11:00	215.9	5.337	216.4	4.244	-1.307	78.1	79.8	0
2002-10-06 12:00	253.3	5.992	246.4	4.264	-1.499	80.1	76.5	0
2002-10-06 13:00	222.4	6.777	212.6	5.205	-1.407	81.9	72.5	0
2002-10-06 14:00	237.9	7.21	225.6	5.377	-1.28	83.1	70.9	0
2002-10-06 15:00	242	9.1	240.3	5.832	-1.179	83.7	69.36	0
2002-10-06 16:00	233.4	7.4	219.3	5.283	-1.162	84.4	66.24	0
2002-10-06 17:00	221.6	4.875	221	3.247	-0.867	84.6	66.86	0
2002-10-06 18:00	201.2	3.124	161.4	1.916	-0.119	84	70.4	0
2002-10-06 19:00	172.1	3.578	77	1.226	3.248	79.6	83	0
2002-10-06 20:00	173.3	6.87	104.8	1.505	3.471	78.7	85.5	0
2002-10-06 21:00	177	6.992	70.7	1.133	4.974	76.8	90	0
2002-10-06 22:00	170.5	7.26	103.3	1.276	4.418	75.9	92.4	0
2002-10-06 23:00	176.2	6.248	128.7	1.423	2.14	76.6	89.9	0
2002-10-07 00:00	185.8	5.521	106.5	1.327	2.901	75.5	93.3	0
2002-10-07 01:00	192.5	6.813	138.6	1.821	1.887	75.6	93.1	0
2002-10-07 02:00	218.5	7.91	207.8	2.846	0.44	75.8	90	0
2002-10-07 03:00	255.1	8.93	241.5	3.622	0.048	75.1	93.5	0.1
2002-10-07 04:00	353.9	10.53	359.7	5.693	-0.501	70.9	95	0.21
2002-10-07 05:00	132.4	2.752	168.7	1.463	-0.158	69.83	97.2	0
2002-10-07 06:00	137.7	2.602	63.24	2.122	-0.178	69.84	98.7	0.01
2002-10-07 07:00	52.23	5.736	43.44	3.304	-0.522	69.86	99	0
2002-10-07 08:00	63.64	5.577	45.98	3.163	-0.583	69.14	97.4	0
2002-10-07 09:00	22.68	5.49	11.45	3.708	-0.825	69.46	96.6	0
2002-10-07 10:00	21.9	8.02	11.51	5.815	-0.931	70.6	90	0
2002-10-07 11:00	9.4	7.33	4.079	5.762	-1	71	88.5	0
2002-10-07 12:00	12.98	5.976	359.8	4.557	-0.973	72	83.4	0.01
2002-10-07 13:00	4.572	5.466	3.74	4.138	-0.864	72.2	83	0
2002-10-07 14:00	359.8	10.26	355.6	7.05	-0.83	70.7	86.6	0
2002-10-07 15:00	11.8	10.15	2.237	7.24	-0.894	69.39	88	0
2002-10-07 16:00	15.89	8.89	13.5	6.375	-0.879	68.13	90.4	0
2002-10-07 17:00	20.87	9.08	16.1	6.445	-0.874	68.42	88.3	0
2002-10-07 18:00	17.88	10.01	8.53	6.925	-0.748	68.35	85.8	0
2002-10-07 19:00	18.16	9.66	10.78	6.07	-0.548	67.4	87.4	0
2002-10-07 20:00	23.1	10.16	11.97	6.934	-0.6	66.74	87.3	0
2002-10-07 21:00	27.06	8.98	16.5	5.577	-0.649	66.32	88.2	0
2002-10-07 22:00	37.37	6.493	25.2	4.241	-0.634	66.03	89	0

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2002-10-07 23:00	45.63	7.04	26.24	4.282	-0.549	65.81	89.8	0
2002-10-08 00:00	42.01	7.36	23.86	4.035	-0.326	64.86	92	0
2002-10-08 01:00	29.82	7.35	16.03	3.91	-0.405	63.64	93.8	0
2002-10-08 02:00	33.67	6.954	19.65	3.966	-0.591	62.58	96.2	0
2002-10-08 03:00	27.24	4.773	17.17	2.563	-0.612	61.97	96.6	0
2002-10-08 04:00	25.75	6.404	18.88	3.762	-0.656	61.3	97.2	0
2002-10-08 05:00	30.73	5.797	20.03	4.003	-0.812	60.97	97.2	0
2002-10-08 06:00	29.54	4.4	13.07	2.692	-0.858	61.03	96.5	0
2002-10-08 07:00	61.02	4.816	43.81	2.783	-0.808	61.37	96.6	0
2002-10-08 08:00	59.96	5.392	39.65	3.448	-0.835	61.87	95.8	0
2002-10-08 09:00	54.15	6.171	36.21	5.136	-0.948	62.73	94	0
2002-10-08 10:00	61.17	4.086	41.29	3.437	-1.064	64.36	90.9	0
2002-10-08 11:00	63.03	3.442	29.35	3.063	-1.055	66.38	86.9	0
2002-10-08 12:00	43.18	3.666	25.94	3.501	-0.993	67.41	84.6	0
2002-10-08 13:00	356.8	5.847	355.6	4.716	-1.165	68.32	83.6	0
2002-10-08 14:00	329.5	4.179	337	3.477	-1.224	70.3	80.7	0
2002-10-08 15:00	312.2	5.014	300.8	4.034	-1.505	72.7	77.4	0
2002-10-08 16:00	314.3	5.616	305.6	4.607	-1.343	74.3	74.5	0
2002-10-08 17:00	19.77	5.043	354.7	4.203	-1.225	75.4	72.1	0
2002-10-08 18:00	112.3	3.492	90.3	1.747	-0.537	74.1	76.9	0
2002-10-08 19:00	83.8	2.669	48.51	1.805	1.659	71.3	89.2	0
2002-10-08 20:00	63.95	6.039	43.37	2.546	3.252	69.27	93.5	0
2002-10-08 21:00	65.5	9.31	48.2	4.366	0.09	69.1	88.6	0
2002-10-08 22:00	85.7	7.93	60.56	3.041	-0.339	67.23	91.8	0
2002-10-08 23:00	84.6	7.64	49.72	3.342	-0.435	66.2	93.5	0
2002-10-09 00:00	97.6	6.649	77.7	1.899	-0.409	65.2	95	0
2002-10-09 01:00	100.8	6.807	58.59	2.491	-0.422	64.75	96.4	0
2002-10-09 02:00	94.3	6.009	55.23	2.301	-0.455	64.86	96.9	0
2002-10-09 03:00	92.9	5.668	48.96	2.29	-0.591	65.17	96.7	0
2002-10-09 04:00	105.5	6.424	57.69	2.335	-0.639	65.64	96.6	0
2002-10-09 05:00	104.9	6.772	59.12	2.481	-0.711	65.7	97	0
2002-10-09 06:00	114.9	6.229	139.1	2.126	-0.679	65.74	97.4	0
2002-10-09 07:00	113.7	9.38	114.4	2.464	-0.366	66.15	97.9	0
2002-10-09 08:00	115.1	9.36	106.4	2.899	-0.497	67.33	97.3	0
2002-10-09 09:00	92.4	4.771	39.57	2.801	-0.759	68.08	96.4	0
2002-10-09 10:00	94	4.367	45.73	2.905	-0.807	70.2	94.3	0
2002-10-09 11:00	98.2	4.395	46.91	2.719	-0.809	71.7	92.2	0
2002-10-09 12:00	7.62	2.338	325.6	1.923	-0.743	72.1	93	0
2002-10-09 13:00	83.2	2.31	57.8	1.904	-0.914	73.9	90.2	0
2002-10-09 14:00	83.8	3.484	105.1	2.37	-0.616	74.8	90.8	0.07
2002-10-09 15:00	103.1	3.174	242.7	1.637	-0.485	74.2	97.5	0.01
2002-10-09 16:00	116.5	6.406	99.9	2.456	-0.58	74.6	96.8	0.01
2002-10-09 17:00	105.2	5.302	54.07	2.165	-0.404	74.3	96.4	0
2002-10-09 18:00	137	9.92	139.9	4.099	-0.221	73.7	96.6	0.11
2002-10-09 19:00	174.5	3.396	75.6	1.864	0.51	71.8	95.5	0
2002-10-09 20:00	102.6	6.206	41.96	2.839	0.475	71.4	98.6	0
2002-10-09 21:00	110.1	8.38	75.4	2.428	-0.165	71.7	97.2	0
2002-10-09 22:00	51.78	5.857	16.49	3.035	-0.018	71.7	96.8	0.01
2002-10-09 23:00	120.5	10.02	116.7	2.978	0.059	72.1	95.3	0
2002-10-10 00:00	202.4	3.225	136.1	1.174	0.171	71.6	97	0
2002-10-10 01:00	178.6	3.182	164.6	1.736	0.075	71.5	98.9	0
2002-10-10 02:00	155.2	5.526	143.6	1.937	0.004	71.5	98.4	0
2002-10-10 03:00	182.3	4.146	171.4	1.385	0.037	71.2	98.3	0
2002-10-10 04:00	165.6	4.17	129.7	1.384	-0.077	71	99.1	0.01
2002-10-10 05:00	154.4	4.887	123.6	1.565	0.05	71.1	98.5	0
2002-10-10 06:00	175.9	4.082	127.1	1.199	0.194	70.9	98.7	0

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2002-10-10 07:00	143.9	3.506	105	1.761	-0.087	70.9	98.9	0
2002-10-10 08:00	196.6	1.713	295.5	1.121	-0.43	70.8	98	0
2002-10-10 09:00	111.3	2.102	54.31	1.513	-0.687	71.3	98.8	0
2002-10-10 10:00	146.9	5.025	151.3	2.571	-0.858	73	93.7	0
2002-10-10 11:00	179.5	7.21	178.4	4.349	-0.777	75.4	84.2	0
2002-10-10 12:00	201	6.066	194.3	4.563	-0.99	77.4	79.8	0
2002-10-10 13:00	267.4	4.179	250.5	2.898	-1.008	77.9	80.2	0
2002-10-10 14:00	81.4	2.486	45.69	2.008	-0.72	77.8	81.4	0
2002-10-10 15:00	141.5	3.699	118.6	2.24	-0.527	75.8	90.9	0.06
2002-10-10 16:00	136.8	6.759	129.1	3.077	-0.763	76.1	89.5	0
2002-10-10 17:00	167.5	3.741	181.8	2.742	-0.901	78.3	81.3	0
2002-10-10 18:00	124.1	5.131	119	2.797	-0.368	77.1	83.9	0
2002-10-10 19:00	108.6	3.245	61.45	1.776	1.012	74.8	91	0
2002-10-10 20:00	130.2	5.173	118.8	2.012	0.373	74.3	90.6	0
2002-10-10 21:00	246.6	6.825	226.6	3.401	-0.026	73.2	93.5	0
2002-10-10 22:00	293.2	7.52	272.7	3.552	-0.559	72.4	97.1	0
2002-10-10 23:00	300.1	6.003	280.1	2.561	-0.592	71.9	97.9	0
2002-10-11 00:00	291.2	5.77	268.7	2.705	-0.577	71.6	98.2	0
2002-10-11 01:00	325.4	6.999	331	3.305	-0.689	70.8	98.1	0
2002-10-11 02:00	336.7	6.158	343.4	4.006	-0.592	69.31	99	0
2002-10-11 03:00	325.1	5.989	321.4	3.218	-0.472	68.23	99.7	0
2002-10-11 04:00	331.4	4.159	337.8	2.817	-0.486	67.93	99.7	0
2002-10-11 05:00	310.4	3.389	305.4	1.801	-0.599	67.6	99.7	0
2002-10-11 06:00	317.1	4.894	313.9	2.483	-0.575	67.52	99.7	0
2002-10-11 07:00	338.1	7.06	344.6	4.249	-0.56	66.8	99.7	0.01
2002-10-11 08:00	335.1	5.877	332.3	3.578	-0.549	66.34	99.7	0
2002-10-11 09:00	42.13	2.324	30.52	1.813	-0.635	66.54	99.8	0
2002-10-11 10:00	339.9	2.63	346	2.079	-0.725	66.92	99.8	0
2002-10-11 11:00	327.1	2.708	303.7	1.919	-0.809	67.3	99.8	0
2002-10-11 12:00	339.9	4.332	342.6	3.611	-0.849	68.09	99.8	0
2002-10-11 13:00	325.8	3.558	323.4	2.909	-1.644	69.05	99.1	0
2002-10-11 14:00	298.2	3.683	284.2	2.97	-2.259	70.3	91.3	0
2002-10-11 15:00	292.1	3.314	280.8	2.683	-2.335	71.1	87.3	0
2002-10-11 16:00	335.9	5.011	329.6	3.586	-1.115	72.4	81.9	0
2002-10-11 17:00	340.4	4.494	335.4	3.391	-0.902	72.3	83.6	0
2002-10-11 18:00	7.56	3.499	6.828	2.366	-0.509	72	85.8	0
2002-10-11 19:00	29.23	3.56	59.78	1.474	1.241	70	94.6	0
2002-10-11 20:00	358.1	4.933	47.68	1.706	2.781	68.04	99.6	0
2002-10-11 21:00	355.8	4.218	76.6	1.426	2.408	67.51	99.6	0
2002-10-11 22:00	22.4	4.62	48.4	1.84	2.069	66.97	99.7	0
2002-10-11 23:00	63.57	7.09	78.3	1.914	1.502	66.69	99.7	0
2002-10-12 00:00	66	8.01	66.11	2.297	1.199	66.37	99.6	0
2002-10-12 01:00	66.98	7.45	76.8	2.07	0.816	65.99	99	0
2002-10-12 02:00	100.3	6.238	105.6	1.798	1.137	64.51	99.6	0
2002-10-12 03:00	91.8	6.64	60.79	1.836	0.821	64.41	99.6	0
2002-10-12 04:00	56.63	5.62	89.9	1.248	0.912	63.81	99.6	0
2002-10-12 05:00	68.05	4.947	47.41	1.237	0.321	63.68	99.7	0
2002-10-12 06:00	69.16	5.706	50.98	2.148	-0.182	63.09	99.6	0
2002-10-12 07:00	57.22	2.921	279.8	1.179	-0.207	62.47	99.6	0
2002-10-12 08:00	96.1	2.252	113.5	1.267	-0.535	62.24	99.7	0
2002-10-12 09:00	197.6	1.815	195.9	1.699	-0.655	62.86	99.7	0
2002-10-12 10:00	223.9	1.453	200.5	1.835	-0.777	64.48	99.8	0
2002-10-12 11:00	281.9	3.293	258	2.769	-0.929	65.56	99.8	0
2002-10-12 12:00	305.5	4.194	278.6	3.006	-1.74	68.02	99.8	0
2002-10-12 13:00	275.7	3.584	220.8	2.253	-0.642	70.5	91.9	0
2002-10-12 14:00	301.5	4.72	284.7	4.175	-1.26	74.4	76.5	0

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2002-10-12 15:00	303.1	4.849	285.9	3.729	-1.161	76.3	66.44	0
2002-10-12 16:00	334.2	4.925	334.6	4.127	-1.06	77.4	60.56	0
2002-10-12 17:00	336.2	4.585	342	3.531	-0.866	77.4	61.52	0
2002-10-12 18:00	352.8	5.51	355.2	2.873	0.167	75.9	68.86	0
2002-10-12 19:00	29.19	4.852	55.53	1.769	4.059	71.5	86.4	0
2002-10-12 20:00	17.24	6.455	42	2.276	5.629	68.78	93.4	0
2002-10-12 21:00	15.93	6.665	50.33	1.639	5.971	67.13	96.9	0
2002-10-12 22:00	7.03	5.996	49.03	1.136	5.554	65.98	98.2	0
2002-10-12 23:00	23.85	6.295	60.43	1.244	5.834	65.04	99.3	0
2002-10-13 00:00	16.88	7.85	19.03	2.232	5.224	64.78	99.1	0
2002-10-13 01:00	15.72	7.44	17.6	1.976	3.506	65.4	97.8	0
2002-10-13 02:00	23.6	7.13	17.42	1.849	2.969	65.17	97.1	0
2002-10-13 03:00	34.73	6.48	78.8	0.956	3.491	63.5	99.6	0
2002-10-13 04:00	26.84	7.77	29.52	2.44	3.396	63.68	99.6	0
2002-10-13 05:00	54.61	7.75	40.04	1.404	4.053	62.73	99.3	0
2002-10-13 06:00	39.25	7.56	27.17	2.376	3.213	62.41	99.5	0
2002-10-13 07:00	36.26	8.18	23.25	2.967	1.71	62.66	97.5	0
2002-10-13 08:00	48.63	8.79	32.57	3.349	1.258	62.83	96.2	0
2002-10-13 09:00	28.29	8.97	16.52	5.391	-0.376	64.37	91.2	0
2002-10-13 10:00	21.64	9.74	16.38	7.25	-0.846	65.38	91.9	0
2002-10-13 11:00	19.92	9.94	15.49	7.86	-0.848	66.75	86.4	0
2002-10-13 12:00	9.24	11.29	5.977	8.73	-0.977	65.98	85.4	0
2002-10-13 13:00	2.516	12.14	357.8	8.93	-1.17	65.34	84.4	0
2002-10-13 14:00	13.58	11.82	6.116	8.83	-1.03	64.06	84	0
2002-10-13 15:00	7.81	11.86	5.859	8.55	-0.993	63.11	83.4	0
2002-10-13 16:00	5.277	11.59	2.712	8.42	-0.984	62.99	81	0
2002-10-13 17:00	7.23	10.13	2.153	7.31	-0.862	61.97	81.1	0
2002-10-13 18:00	9.06	9.52	2.257	6.224	-0.761	61.12	80.7	0
2002-10-13 19:00	13.9	8.05	5.14	5.173	-0.669	60.81	79.5	0
2002-10-13 20:00	20.11	8.74	10.84	5.751	-0.616	60.48	78.2	0
2002-10-13 21:00	17.03	9.95	9	6.608	-0.641	60.26	76.5	0
2002-10-13 22:00	4.976	10.59	358.9	7.4	-0.761	59	75.9	0
2002-10-13 23:00	4.081	9.41	1.591	6.238	-0.767	57.63	75.6	0
2002-10-14 00:00	11.09	7.52	359.5	5.135	-0.708	56.59	77.7	0
2002-10-14 01:00	1.454	8.75	354.4	5.194	-0.648	54.43	79.5	0
2002-10-14 02:00	10.9	8.92	3.378	5.596	-0.665	53.08	78.9	0
2002-10-14 03:00	8.35	8.46	0.796	5.079	-0.695	51.99	80.9	0
2002-10-14 04:00	8.51	7.42	2.699	4.592	-0.73	50.93	82	0
2002-10-14 05:00	17.61	7.5	4.31	4.004	-0.594	50.16	83.4	0
2002-10-14 06:00	24.34	9.44	17.26	5.887	-0.638	49.56	81.5	0
2002-10-14 07:00	27.91	6.894	19.68	3.971	-0.629	48.56	83.6	0
2002-10-14 08:00	22.08	6.7	10.78	3.673	-0.685	48.16	85.3	0
2002-10-14 09:00	32.12	7.17	25.59	5.321	-0.982	49.18	80.1	0
2002-10-14 10:00	34.46	6.894	21.74	5.743	-1.309	51.61	73.6	0
2002-10-14 11:00	8.23	6.303	7.23	5.262	-1.297	53.79	71.3	0
2002-10-14 12:00	335.3	7.43	338.4	5.616	-1.654	56.84	68.9	0
2002-10-14 13:00	340.3	6.102	348.6	4.802	-1.49	58.9	68.12	0
2002-10-14 14:00	331.7	6.805	325	5.192	-1.505	60.37	67.3	0
2002-10-14 15:00	333.5	6.759	328.4	4.716	-1.324	60.86	67.3	0
2002-10-14 16:00	349.7	8.52	347.7	6.398	-1.223	60.68	68.24	0
2002-10-14 17:00	356.3	8.18	350.4	5.989	-1.194	61.37	67.6	0
2002-10-14 18:00	7.19	7.7	8.06	5.507	-0.834	61.27	68.76	0
2002-10-14 19:00	21.82	6.771	38.92	3.029	0.394	58.43	77.3	0
2002-10-14 20:00	36.52	7.84	39.4	2.74	1.33	56.29	85.4	0
2002-10-14 21:00	22.18	8.22	20.29	3.777	0.144	56.85	81	0
2002-10-14 22:00	15.6	7.24	14.8	3.486	-0.025	56.71	83.4	0

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2002-10-14 23:00	20.81	6.363	356.5	2.989	-0.161	57.05	82.4	0
2002-10-15 00:00	318.6	6.267	289.8	2.832	-0.328	57.23	84.5	0
2002-10-15 01:00	1.771	9.2	3.647	5.061	-0.529	57.22	84.7	0
2002-10-15 02:00	0.932	7.63	340.4	3.909	-0.45	57.04	84.4	0
2002-10-15 03:00	333.5	5.398	329.1	2.26	-0.464	56.8	87.8	0
2002-10-15 04:00	339.5	7.43	334.5	3.426	-0.644	57.05	85.8	0
2002-10-15 05:00	339	8.05	343.2	4.573	-0.763	56.17	87.1	0
2002-10-15 06:00	338.4	6.524	337.4	3.369	-0.738	55.69	87.5	0
2002-10-15 07:00	345.7	7.17	345.5	3.885	-0.707	55.42	87.1	0
2002-10-15 08:00	323.2	5.98	315.5	2.84	-0.793	54.73	87.7	0
2002-10-15 09:00	345.2	7.28	343.3	4.565	-1.035	55.17	83.3	0
2002-10-15 10:00	350.8	7.15	351.6	5.273	-1.163	56.69	79.9	0
2002-10-15 11:00	348.8	9.24	345.3	6.774	-1.45	58.55	76.7	0
2002-10-15 12:00	339.6	9.79	340.4	7.18	-1.51	60.06	74.3	0
2002-10-15 13:00	343.7	11.17	342	7.57	-1.66	62.21	68.03	0
2002-10-15 14:00	346.9	9.84	350	7.29	-1.563	63.42	62.91	0
2002-10-15 15:00	332.9	9.68	335.9	6.937	-1.503	64.36	60.58	0
2002-10-15 16:00	329.9	10.43	328.2	6.687	-1.454	65.05	57.73	0
2002-10-15 17:00	333.4	10.49	336.3	6.548	-1.044	64.96	56.12	0
2002-10-15 18:00	341	8.7	345.9	5.098	-0.551	64.34	56.38	0
2002-10-15 19:00	354.6	6.278	27.52	2.034	1.585	60.84	66.7	0
2002-10-15 20:00	345.6	5.959	53.99	1.356	5.092	56.12	81.3	0
2002-10-15 21:00	337.7	6.406	359.7	1.162	3.462	56.15	84	0
2002-10-15 22:00	329.5	6.896	345.9	1.3	1.757	56.19	79.9	0
2002-10-15 23:00	335.9	6.681	23.44	1.651	3.457	54.13	81.2	0
2002-10-16 00:00	325.6	5.796	25.3	1.252	4.366	52.08	89.4	0
2002-10-16 01:00	312.6	5.985	312.8	0.712	3.644	52.15	86.3	0
2002-10-16 02:00	320	6.34	351.5	1.49	2.982	52.17	82.3	0
2002-10-16 03:00	345.1	6.633	347.5	2.047	3.008	51.63	84.5	0
2002-10-16 04:00	348.8	8.36	341.7	2.596	1.766	51.87	81.1	0
2002-10-16 05:00	353.1	10.76	354	4.753	0.365	51.43	77.2	0
2002-10-16 06:00	4.804	11.24	5.666	5.199	0.22	50.37	80.3	0
2002-10-16 07:00	10.01	10.63	12.53	5.296	0.039	49.84	82.1	0
2002-10-16 08:00	12.12	9.75	13.56	5.295	-0.22	49.57	82.6	0
2002-10-16 09:00	10.98	8.17	11.49	5.478	-0.869	51.2	79.8	0
2002-10-16 10:00	10.12	7.03	8.73	6.209	-1.156	54.18	74.9	0
2002-10-16 11:00	356.3	5.636	354.5	4.884	-1.314	57.2	67.72	0
2002-10-16 12:00	313.2	6.419	300.6	4.864	-1.714	59.85	62.66	0
2002-10-16 13:00	335.8	7.03	331.8	5.459	-1.554	62.33	54.29	0
2002-10-16 14:00	324	7.3	315.9	5.394	-1.691	63.53	49.39	0
2002-10-16 15:00	331	7.35	322.5	5.22	-1.427	64.25	46.69	0
2002-10-16 16:00	330	5.675	335.7	4.408	-1.293	64.9	45.9	0
2002-10-16 17:00	337.2	5.988	342	4.452	-1.071	65.03	45.98	0
2002-10-16 18:00	335.6	6.118	337.9	3.032	-0.478	64	49.22	0
2002-10-16 19:00	358.2	5.868	46.42	1.826	3.94	58.82	68.99	0
2002-10-16 20:00	20.2	7.7	52.66	2.384	5.672	56.02	74.2	0
2002-10-16 21:00	22.98	8.07	51.43	2.249	6.161	54.01	78.9	0
2002-10-16 22:00	31.17	9.43	38.99	3.329	4.185	54.55	76.7	0
2002-10-16 23:00	38.12	8.33	52.91	1.785	5.786	52.2	82.1	0
2002-10-17 00:00	49.04	8.56	62.26	1.352	6.643	50.07	87.1	0
2002-10-17 01:00	58.43	7.29	89.8	0.904	6.904	48.93	88	0
2002-10-17 02:00	65.76	6.219	69.72	1.021	6.567	47.92	87.7	0
2002-10-17 03:00	78.9	7.62	96.1	1.584	7.16	46.89	91.5	0
2002-10-17 04:00	85.7	10.86	98.6	1.944	5.939	47.8	87.8	0
2002-10-17 05:00	98.3	9.35	104.1	1.839	6.146	46.53	89.1	0
2002-10-17 06:00	110.4	6.209	106.4	1.572	3.593	45.4	96.1	0

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2002-10-17 07:00	120.2	8.75	109.7	2.734	4.515	45.34	97.1	0
2002-10-17 08:00	113.9	8.24	97.9	2.097	4.986	45.28	97.2	0
2002-10-17 09:00	109.3	6.035	144.3	2.342	1.026	48.65	91.8	0
2002-10-17 10:00	120.5	5.881	143.3	3.855	-1.092	54.92	72.1	0
2002-10-17 11:00	139.3	4.584	155.5	4.165	-1.566	59.76	59.29	0
2002-10-17 12:00	174.3	3.996	179.2	3.591	-1.461	63.2	42.91	0
2002-10-17 13:00	301.4	3.527	301.8	3.423	-1.513	65.03	44.33	0
2002-10-17 14:00	308.1	3.937	321.7	3.87	-1.31	66.23	44.84	0
2002-10-17 15:00	297.5	3.312	290.6	3.169	-1.344	67.37	43.83	0
2002-10-17 16:00	344.2	3.048	293.3	2.793	-1.229	68.52	42.27	0
2002-10-17 17:00	324.8	2.514	13.46	2.078	-1.046	68.75	43.23	0
2002-10-17 18:00	100.5	2.636	72.3	1.624	0.716	66.95	53.53	0
2002-10-17 19:00	107.4	4.159	78.8	1.731	5.108	62.02	67.36	0
2002-10-17 20:00	112.1	5.516	95	1.932	7.08	59.32	72	0
2002-10-17 21:00	122.9	7.43	103.9	2.236	8.22	56.99	83.5	0
2002-10-17 22:00	119.1	8.3	114.4	3.235	5.224	57.45	83.8	0
2002-10-17 23:00	117.1	8.16	120.2	3.368	3.064	56.06	87.7	0
2002-10-18 00:00	115.3	7.78	140.4	2.453	2.61	53.44	94.2	0
2002-10-18 01:00	118.5	9.75	147.7	2.463	1.821	52.66	93.7	0
2002-10-18 02:00	119.2	10.31	116.7	2.243	1.397	52.61	91.1	0
2002-10-18 03:00	117.2	9.15	146	2.18	1.237	52.32	88.9	0
2002-10-18 04:00	117.5	9.73	143	2.086	1.258	51.63	89	0
2002-10-18 05:00	118.2	9.52	144.2	2.476	1.167	51.19	88.5	0
2002-10-18 06:00	112.5	10.71	120.7	2.183	1.402	50.64	89.1	0
2002-10-18 07:00	118.7	11.35	108	2.23	0.605	50.29	88.8	0
2002-10-18 08:00	117.1	10.55	54.45	2.496	0.466	50.14	88.1	0
2002-10-18 09:00	125	8.59	123.7	2.566	-0.427	52.9	81.8	0
2002-10-18 10:00	123.7	6.975	124.3	3.078	-1.19	58.12	73.2	0
2002-10-18 11:00	128.6	8.09	132.4	4.443	-1.66	63.48	64.93	0
2002-10-18 12:00	139.9	9.7	139.6	6.177	-1.623	67.48	54.06	0
2002-10-18 13:00	130.1	9.78	127.6	6.01	-1.611	69.85	49.86	0
2002-10-18 14:00	137.3	9.52	139.4	6.032	-1.582	72	46.61	0
2002-10-18 15:00	151.6	11.29	152.5	7.55	-1.403	73.6	41.68	0
2002-10-18 16:00	153.6	11.03	150.8	6.876	-1.222	74.1	42.27	0
2002-10-18 17:00	158.7	8.87	163	5.437	-0.868	73.8	44.61	0
2002-10-18 18:00	140.1	4.319	61.38	1.401	1.221	70.2	62.05	0
2002-10-18 19:00	150.7	3.68	90.9	0.867	3.015	65.82	74.8	0
2002-10-18 20:00	158.8	9.56	116.2	2.974	2.176	66.09	72.1	0
2002-10-18 21:00	143.7	10.15	140.7	2.241	1.938	64.51	76.4	0
2002-10-18 22:00	144.4	11.46	134	2.891	1.364	63.71	80.6	0
2002-10-18 23:00	130.9	10.27	84.4	2.489	0.869	61.99	87.3	0
2002-10-19 00:00	129.8	11.6	127.1	3.475	0.256	61.65	90.7	0
2002-10-19 01:00	132.8	11.31	146.6	4.468	-0.121	61.96	91.7	0
2002-10-19 02:00	137.8	6.681	139.3	2.539	0.031	61.64	93.1	0
2002-10-19 03:00	120.7	5.913	36.87	1.818	0.625	60.49	96.8	0
2002-10-19 04:00	119.4	10.55	58.59	2.926	0.334	60.42	96.4	0
2002-10-19 05:00	118.7	11.68	84.5	2.729	-0.038	60.66	95.5	0
2002-10-19 06:00	117.2	11.1	115.7	2.973	-0.323	60.77	94.6	0
2002-10-19 07:00	118.6	11.09	89.8	2.417	0.031	60.22	95.4	0
2002-10-19 08:00	119.9	12.9	95.4	2.977	-0.142	59.98	95.9	0
2002-10-19 09:00	121	12.87	117.1	4.712	-0.874	62.3	91.5	0
2002-10-19 10:00	125.3	13.09	127.4	5.968	-1.146	65.52	85.9	0
2002-10-19 11:00	130.7	11.19	133.3	5.877	-1.29	69.24	81	0
2002-10-19 12:00	150.3	9.75	157.5	6.434	-1.373	73.5	74.7	0
2002-10-19 13:00	176.7	9.27	174.5	5.971	-1.059	75.5	72.2	0
2002-10-19 14:00	184.1	12.66	174.4	8.13	-1.161	76.8	69.02	0

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2002-10-19 15:00	188.7	9.46	180.2	5.875	-1.028	76.5	70.5	0
2002-10-19 16:00	335.2	9.24	337.9	4.528	-0.389	65.77	87.5	0.17
2002-10-19 17:00	87	8.34	99.4	4.304	1.245	64.47	96.3	0.02
2002-10-19 18:00	121.6	10.92	117.5	4.586	0.191	64.64	97.6	0
2002-10-19 19:00	125.6	12.37	125.5	5.148	-0.138	64.76	97.3	0
2002-10-19 20:00	131.1	13.21	129.5	5.686	0.01	65	95.2	0.01
2002-10-19 21:00	157.3	14.97	136.1	6.368	0.392	65.29	92.9	0.01
2002-10-19 22:00	341.2	5.876	355.2	3.029	-0.222	65.06	92	0
2002-10-19 23:00	35.75	3.966	63.75	2.323	0.603	63.75	98	0
2002-10-20 00:00	334.7	4.904	350.5	2.17	-0.222	63.88	98.2	0
2002-10-20 01:00	356.8	3.958	7.88	1.773	-0.271	63.58	98.9	0.01
2002-10-20 02:00	19.99	4.161	39.84	1.721	-0.419	63.35	99.5	0
2002-10-20 03:00	39.26	3.249	67.86	1.321	-0.06	62.9	99.6	0.03
2002-10-20 04:00	18.59	4.395	60.55	2.021	-0.121	62.75	99.6	0.05
2002-10-20 05:00	17.72	3.709	329.9	1.774	-0.436	62.85	99.6	0.01
2002-10-20 06:00	23.95	7.64	21.67	4.519	-0.669	62.82	99.3	0.01
2002-10-20 07:00	43.53	5.743	36.12	3.074	-0.654	62.65	98.3	0
2002-10-20 08:00	48.19	3.68	23.39	1.77	-0.631	62.42	99.3	0.04
2002-10-20 09:00	48.72	4.932	39.48	2.575	-0.63	62.48	99.6	0.01
2002-10-20 10:00	105.1	5.632	88	2.657	-0.782	62.67	99.5	0.03
2002-10-20 11:00	96.8	7.3	69.99	3.321	-0.821	62.94	99.4	0.07
2002-10-20 12:00	47.74	5.628	18.81	3.519	-0.693	62.96	99.3	0.43
2002-10-20 13:00	97.5	6.059	79.3	2.943	-0.846	63.59	99.6	0.06
2002-10-20 14:00	90.5	5.51	66.54	2.992	-0.791	64.07	98.4	0.01
2002-10-20 15:00	38.84	5.267	20	3.674	-0.789	64.25	98.4	0
2002-10-20 16:00	357.3	6.645	344.7	4.233	-0.762	64.17	99.4	0.06
2002-10-20 17:00	43.57	5.651	42.72	3.59	-0.799	63.88	99.6	0.01
2002-10-20 18:00	23.04	5.424	2.109	3.317	-0.794	64.18	99.6	0
2002-10-20 19:00	14.49	6.476	0.846	3.756	-0.724	63.87	99.6	0
2002-10-20 20:00	16.78	6.14	10.68	3.708	-0.704	63.85	99.6	0.01
2002-10-20 21:00	5.931	7.12	2.431	5.115	-0.663	62.83	99.6	0
2002-10-20 22:00	17.03	7.84	9.7	5.549	-0.791	61.74	99.7	0
2002-10-20 23:00	26.18	8.77	20.34	6.041	-0.889	61.06	99.7	0
2002-10-21 00:00	44.3	4.872	33.25	3.164	-0.903	60.88	99.6	0
2002-10-21 01:00	19.27	4.367	6.532	3.251	-0.799	60.78	99.6	0
2002-10-21 02:00	3.955	5.122	357	3.579	-0.786	60.37	99.6	0
2002-10-21 03:00	358.5	5.432	0.733	3.649	-0.744	59.95	99.6	0
2002-10-21 04:00	356.5	7.1	349	4.49	-0.701	59.37	99.6	0
2002-10-21 05:00	359	6.704	353.6	4.39	-0.718	59.21	99.6	0
2002-10-21 06:00	3.287	7.28	357	4.962	-0.837	58.8	99.6	0
2002-10-21 07:00	9.81	5.678	3.64	3.785	-0.835	58.35	99.6	0
2002-10-21 08:00	11.83	8.66	3.519	6.183	-0.812	57.9	99.6	0
2002-10-21 09:00	20.01	6.264	19.22	4.898	-0.833	57.81	99.6	0
2002-10-21 10:00	30.78	5.013	21.45	4.028	-0.881	58.05	99.6	0
2002-10-21 11:00	31.18	5.77	16.94	4.733	-1.048	58.92	99.7	0
2002-10-21 12:00	32.37	5.275	26.1	4.34	-1.607	60.63	99.6	0
2002-10-21 13:00	39.15	3.106	38.87	2.474	-2.052	61.9	92.9	0
2002-10-21 14:00	282.7	4.791	269.7	3.216	-2.029	62.24	92.8	0
2002-10-21 15:00	289	4.296	281.5	3.276	-1.825	62.05	93.6	0
2002-10-21 16:00	341.2	3.938	339.8	2.893	-1.705	62.32	93.8	0
2002-10-21 17:00	336	2.891	324.6	2.214	-1.12	62.95	94	0
2002-10-21 18:00	354.7	2.715	332.5	1.936	-0.772	62.75	95.1	0
2002-10-21 19:00	355.6	3.54	321.6	1.851	-0.364	62.08	98.6	0.01
2002-10-21 20:00	11.45	4.496	32.02	2.189	-0.23	61.49	99.5	0
2002-10-21 21:00	21.52	5.884	13.65	2.694	-0.302	61.04	99.5	0
2002-10-21 22:00	28.48	5.381	17.68	2.315	-0.419	60.38	99.5	0

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2002-10-21 23:00	22.93	4.641	9.87	1.878	-0.386	59.76	99.6	0
2002-10-22 00:00	4.961	2.827	328.3	1.165	-0.568	59.64	99.6	0
2002-10-22 01:00	40.44	4.023	28.6	2.079	-0.672	59.61	99.6	0
2002-10-22 02:00	50.62	6.766	44.72	3.535	-0.811	59.47	99.6	0
2002-10-22 03:00	74.8	6.022	59.34	2.105	-0.544	59.1	99.5	0
2002-10-22 04:00	42.42	3.424	347.4	1.405	-0.087	58.14	99.5	0
2002-10-22 05:00	24.46	5.366	21.8	2.382	-0.176	57.51	99.6	0
2002-10-22 06:00	48.87	2.479	95	1.325	0.027	57.05	99.6	0
2002-10-22 07:00	46.98	3.561	82.1	1.472	0.064	56.91	99.6	0
2002-10-22 08:00	43.26	5.198	26.22	2.779	-0.634	57.08	99.6	0
2002-10-22 09:00	75.3	5.158	53.87	2.851	-1.028	58.28	99.6	0
2002-10-22 10:00	78.6	3.926	47.7	2.925	-1.26	60.83	99.3	0
2002-10-22 11:00	101	5.883	73.9	4.182	-1.156	64.75	85.8	0
2002-10-22 12:00	107	5.382	92.9	2.827	-1.087	65.8	81.8	0
2002-10-22 13:00	86.2	6.06	58.92	3.492	-1.15	66.91	80.1	0
2002-10-22 14:00	69.51	5.522	39.18	3.879	-1.079	68.26	78.1	0
2002-10-22 15:00	28.55	5.479	21.54	4.503	-0.971	68.27	79.8	0
2002-10-22 16:00	33.78	5.506	19.32	3.384	-0.655	67.05	86	0.01
2002-10-22 17:00	47.57	7.34	30.98	3.882	-0.441	65.71	91	0
2002-10-22 18:00	42.7	7.21	24.69	3.434	-0.266	64.86	93.7	0
2002-10-22 19:00	48.49	5.545	78.4	1.974	0.128	64.08	96.1	0
2002-10-22 20:00	53.77	6.231	39.58	2.104	0.311	63.63	97.3	0
2002-10-22 21:00	44.42	5.777	18.01	1.519	0.247	63.5	96.9	0
2002-10-22 22:00	45.15	8.93	30.43	4.291	0.033	63.45	95	0
2002-10-22 23:00	53.67	8.82	40.59	4.188	-0.032	63.39	91.9	0
2002-10-23 00:00	61.78	9.23	42.81	4.41	-0.077	63.04	90.3	0.01
2002-10-23 01:00	73.9	6.136	54.6	1.433	0.251	62.26	91.5	0
2002-10-23 02:00	72.4	5.989	45.14	0.957	0.844	61.27	95.4	0
2002-10-23 03:00	79.6	7.09	50.28	1.848	0.213	61.9	93.3	0
2002-10-23 04:00	67.34	6.665	37.51	2.766	-0.224	62.01	92.7	0
2002-10-23 05:00	46.21	6.247	23.23	3.1	-0.436	61.78	94.1	0
2002-10-23 06:00	64.81	8.72	51.78	4.363	-0.426	61.91	91.5	0
2002-10-23 07:00	83.4	6.596	53.11	2.362	-0.461	61.48	91.3	0
2002-10-23 08:00	61.46	7.89	40.63	3.877	-0.373	61.21	91.7	0
2002-10-23 09:00	74.8	7.6	49.92	3.613	-0.664	62.05	90.6	0
2002-10-23 10:00	89.5	7.74	48.61	5.365	-0.897	65.41	81.7	0
2002-10-23 11:00	92.4	6.214	68.03	4.103	-1.143	68.56	76.1	0
2002-10-23 12:00	107.2	6.696	96.8	4.601	-1.281	71.1	72.2	0
2002-10-23 13:00	113.3	4.554	96	2.883	-1.07	71.9	71.7	0
2002-10-23 14:00	85	5.73	50.67	4.585	-0.968	72.5	71.6	0
2002-10-23 15:00	61.71	6.417	41.93	4.34	-1.02	73	71.2	0
2002-10-23 16:00	35.31	3.779	5.688	2.836	-0.742	72.4	75.2	0
2002-10-23 17:00	30.93	6.026	20.45	3.912	-0.656	71	81	0
2002-10-23 18:00	25.33	6.293	14.28	3.225	-0.227	69.57	85.2	0
2002-10-23 19:00	14.4	6.701	8.88	3.104	-0.094	68.54	89.2	0
2002-10-23 20:00	29.61	7.99	18.9	3.991	-0.061	67.22	89.9	0
2002-10-23 21:00	38.71	6.742	17.81	2.947	0.043	66.49	90	0
2002-10-23 22:00	44.18	7.74	30.04	3.795	-0.11	65.63	88.7	0
2002-10-23 23:00	36.11	7.64	19.71	3.675	-0.093	64.74	90.3	0
2002-10-24 00:00	40.45	5.49	20.24	1.846	-0.281	64.13	91.4	0
2002-10-24 01:00	47.27	5.401	23.24	1.363	-0.115	63.54	93.4	0
2002-10-24 02:00	57.57	8.13	46.22	3.518	-0.056	62.87	94.6	0
2002-10-24 03:00	63.78	6.487	30.02	2.234	-0.149	62.19	96.5	0
2002-10-24 04:00	45.71	5.244	33.01	1.486	0.383	60.92	99.3	0
2002-10-24 05:00	35.49	2.024	356.1	0.558	0.53	60	99.5	0
2002-10-24 06:00	43.02	3.354	8.29	1.502	0.598	59.58	99.6	0

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2002-10-24 07:00	65.42	7.3	45.25	3.692	-0.333	60.82	99.6	0
2002-10-24 08:00	86.4	5.739	46.82	2.8	-0.661	61.18	99.6	0
2002-10-24 09:00	90.1	5.124	52.21	2.67	-0.994	62.5	99.7	0
2002-10-24 10:00	91.8	8.35	62.2	4.733	-1.097	63.53	99.5	0
2002-10-24 11:00	83.3	6.845	56.99	4.357	-0.991	64.25	95.9	0
2002-10-24 12:00	85	5.544	57.01	3.437	-1.038	65.84	91.1	0
2002-10-24 13:00	102.6	5.949	101.3	3.907	-1.153	67.37	86.6	0
2002-10-24 14:00	80.1	4.369	45.16	2.994	-1.036	68.11	85	0
2002-10-24 15:00	8.55	4.994	1.531	3.86	-0.995	67.68	87.4	0
2002-10-24 16:00	30.77	7.46	22.15	5.849	-1.066	68.13	87.9	0
2002-10-24 17:00	50.13	8.84	35.61	7.11	-0.96	68.52	86.4	0
2002-10-24 18:00	44.82	5.545	27.63	3.528	-0.717	67.9	88.5	0
2002-10-24 19:00	45.45	8.17	36.06	4.748	-0.415	66.61	91.6	0
2002-10-24 20:00	56.93	6.853	43.92	3.22	-0.365	65.68	93.4	0
2002-10-24 21:00	82.9	6.267	50.01	1.984	-0.402	65	95.4	0
2002-10-24 22:00	91.7	3.507	53.94	1.641	-0.313	64.6	96.5	0
2002-10-24 23:00	90	3.748	32.29	1.615	0.094	64.13	98.6	0
2002-10-25 00:00	97.3	6.352	59.35	1.834	-0.301	64.26	99.1	0
2002-10-25 01:00	116.6	8.88	123	2.521	-0.527	64.71	98.1	0
2002-10-25 02:00	117.8	10.45	107	3.194	-0.615	64.74	97.9	0
2002-10-25 03:00	113.9	8.06	91.9	2.696	-0.64	64.87	95.2	0
2002-10-25 04:00	121.3	7.02	109.2	2.799	-0.624	64.45	95.1	0
2002-10-25 05:00	110.7	6.557	63.08	2.326	-0.551	63.99	96.3	0
2002-10-25 06:00	111.4	8.49	61.55	3.099	-0.624	63.75	97.1	0
2002-10-25 07:00	144.2	6.06	147	3.058	-0.709	63.93	96	0
2002-10-25 08:00	110.9	5.797	63.57	2.503	-0.67	63.85	96.6	0
2002-10-25 09:00	112	7.74	81.7	3.147	-0.894	64.48	95.8	0
2002-10-25 10:00	123.6	8.54	123.9	3.915	-1.007	65.52	93.4	0
2002-10-25 11:00	130.9	6.962	132.4	3.119	-0.908	66.25	92.8	0
2002-10-25 12:00	134.2	6.381	140	3.233	-0.789	66.47	94.2	0.02
2002-10-25 13:00	121.1	9.98	108.9	4.126	-0.731	66.3	98.7	0.05
2002-10-25 14:00	113.5	6.229	94.4	2.444	-0.771	66.52	99.6	0.08
2002-10-25 15:00	126.4	8.73	137.3	3.47	-0.775	66.47	99.6	0.09
2002-10-25 16:00	123.4	11.7	131.8	4.251	-0.717	66.43	99.7	0.09
2002-10-25 17:00	126.4	9.7	127.3	3.758	-0.673	66.45	99.7	0.13
2002-10-25 18:00	76.3	4.272	43.17	2.191	-0.625	66.46	99.7	0.05
2002-10-25 19:00	64.19	5.526	27.41	2.719	-0.545	66.39	99.7	0.03
2002-10-25 20:00	62.97	7.69	45.79	4.271	-0.627	66.3	99.7	0.02
2002-10-25 21:00	84.1	5.782	49.61	2.645	-0.607	66.33	99.7	0.01
2002-10-25 22:00	28.97	5.784	5.014	3.294	-0.527	66.03	99.7	0.02
2002-10-25 23:00	97.8	6.267	65.5	2.433	-0.597	66.1	99.7	0
2002-10-26 00:00	90.8	4.32	34.74	1.791	-0.57	66.26	99.7	0.01
2002-10-26 01:00	24.35	5.802	9.09	3.293	-0.455	66.05	99.7	0
2002-10-26 02:00	30.28	5.304	19.38	3.013	-0.604	65.99	99.7	0
2002-10-26 03:00	46.08	5.39	28.81	2.878	-0.632	66.13	99.7	0
2002-10-26 04:00	32.32	6.006	22.98	3.604	-0.574	65.98	99.7	0.02
2002-10-26 05:00	23.02	4.456	0.294	2.484	-0.583	65.85	99.7	0.01
2002-10-26 06:00	20.3	5.789	12.23	3.568	-0.582	65.61	99.8	0.02
2002-10-26 07:00	23.16	5.99	14.93	3.705	-0.588	65.45	99.8	0
2002-10-26 08:00	18.86	6.502	10.57	4.185	-0.6	65.45	99.8	0.01
2002-10-26 09:00	20.82	6.211	5.985	3.943	-0.65	65.62	99.8	0
2002-10-26 10:00	17.95	6.167	7.96	4.007	-0.738	65.93	99.8	0.01
2002-10-26 11:00	30.27	5.966	17.43	4.189	-0.833	66.44	99.8	0.01
2002-10-26 12:00	40.15	6.496	28.5	4.77	-0.866	66.93	99.9	0.02
2002-10-26 13:00	44.57	5.299	33.2	3.695	-0.776	67.71	99.9	0.01
2002-10-26 14:00	15.76	4.954	3.673	3.457	-0.954	67.54	99.8	0.03

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2002-10-26 15:00	29.73	5.313	13.96	3.752	-0.98	67.56	99.7	0
2002-10-26 16:00	33.28	5.179	25.03	3.895	-0.869	67.97	98.9	0
2002-10-26 17:00	23.77	5.778	4.434	4.014	-0.796	67.8	99.4	0
2002-10-26 18:00	20.27	7.62	14.37	5.292	-0.777	66.8	99.6	0
2002-10-26 19:00	19.97	7.32	12	4.956	-0.766	66.23	99.7	0
2002-10-26 20:00	22.62	7.56	9.45	4.869	-0.772	66.23	99.7	0
2002-10-26 21:00	22.24	7.07	9.56	4.701	-0.725	65.91	99.7	0
2002-10-26 22:00	26.37	6.055	5.262	3.559	-0.721	65.8	99.7	0
2002-10-26 23:00	24.59	5.914	11.49	3.863	-0.711	65.56	99.7	0
2002-10-27 00:00	41.31	7.62	22.72	4.745	-0.728	65.76	99.7	0
2002-10-27 01:00	21.99	6.976	2.54	4.387	-0.663	65.67	99.7	0.01
2002-10-27 02:00	57.65	7.37	40.52	4.237	-0.686	65.55	99.7	0.01
2002-10-27 03:00	57.01	6.95	34.25	4.335	-0.663	66.1	99.7	0.02
2002-10-27 04:00	60.19	6.576	34.32	3.92	-0.652	66.17	99.6	0.01
2002-10-27 05:00	62.03	6.187	38.4	3.515	-0.648	66.11	99.6	0.01
2002-10-27 06:00	64.96	4.615	36.31	2.265	-0.585	65.96	99.7	0
2002-10-27 07:00	54.21	7.84	28.74	5.085	-0.628	65.97	99.7	0.03
2002-10-27 08:00	50.79	7.77	32.46	5.286	-0.743	65.33	99.6	0
2002-10-27 09:00	72.6	8.32	46.43	4.512	-0.731	65.35	99.6	0
2002-10-27 10:00	90	9.84	58.94	5.148	-0.814	66.13	99.4	0.01
2002-10-27 11:00	94.3	6.443	52.88	3.549	-0.718	66.27	99.3	0.08
2002-10-27 12:00	104.5	7.76	65.38	3.276	-0.744	66.3	99.7	0.15
2002-10-27 13:00	102	6.759	72.2	3.567	-0.872	67.18	99.6	0.01
2002-10-27 14:00	30.45	3.68	358.2	3.015	-0.779	68.13	99.1	0
2002-10-27 15:00	34.46	4.794	13.44	3.336	-0.578	67.99	99.7	0.02
2002-10-27 16:00	61.33	3.317	22.45	2.457	-0.692	68.55	99.7	0.03
2002-10-27 17:00	79.1	6.645	39.42	3.62	-0.725	69.33	99.7	0
2002-10-27 18:00	122.7	8.95	114.3	3.615	-0.391	69.5	99.4	0.02
2002-10-27 19:00	116.8	8.91	104	3.385	-0.633	68.1	99.6	0.2
2002-10-27 20:00	105.8	9.61	83.2	3.8	-0.564	67.85	99.7	0
2002-10-27 21:00	93.5	3.879	37.92	2.086	-0.48	67.87	99.6	0.07
2002-10-27 22:00	87	6.74	52.85	3.004	-0.47	67.53	99.7	0.13
2002-10-27 23:00	96	8.02	58.25	3.922	-0.596	67.3	99.7	0.19
2002-10-28 00:00	106.3	7.36	77.5	3.132	-0.612	67.81	99.7	0.04
2002-10-28 01:00	127.6	9	111.8	4.336	-0.475	68.23	99.8	0.01
2002-10-28 02:00	158.8	9.57	135.2	4.346	0.389	69.81	99.7	0
2002-10-28 03:00	189	8.7	176.4	4.278	-0.208	71.1	99.7	0.06
2002-10-28 04:00	207.6	7.6	192.5	2.801	-0.139	71.1	99.8	0.01
2002-10-28 05:00	234.1	8.32	231.5	3.395	-0.107	71.5	99.8	0.02
2002-10-28 06:00	247.8	10.18	236.9	4.2	-0.389	71.1	99.9	0
2002-10-28 07:00	253.1	8.15	239.6	3.239	-0.535	70.5	99.9	0
2002-10-28 08:00	271.1	7.05	252.9	3.139	-0.56	69.54	99.8	0
2002-10-28 09:00	270.2	5.806	261.7	2.413	-0.644	69.1	99.8	0
2002-10-28 10:00	274.2	4.985	261.9	2.506	-0.865	69.15	99.8	0
2002-10-28 11:00	252.3	4.094	235.5	2.468	-0.996	69.45	99.8	0
2002-10-28 12:00	265.8	3.097	252.6	1.907	-0.855	68.97	99.8	0.03
2002-10-28 13:00	299.4	1.617	310.5	1.411	-0.97	69.94	99.2	0
2002-10-28 14:00	254.6	1.78	243.8	1.685	-0.926	71.7	94	0
2002-10-28 15:00	268.7	3.094	269.2	2.331	-0.812	72.1	94.4	0
2002-10-28 16:00	300.8	2.881	308.6	2.042	-0.688	72.1	94.7	0
2002-10-28 17:00	234	3.659	245.5	1.98	-0.53	72.2	94.8	0.03
2002-10-28 18:00	219.5	3.765	215.1	1.537	-0.012	70.8	99.6	0.06
2002-10-28 19:00	187.8	10.31	173.8	5.214	-0.012	71	99.8	0.02
2002-10-28 20:00	210	9.85	204.9	5.62	-0.224	71.1	99.5	0.01
2002-10-28 21:00	156.9	9.17	138.5	4.527	-0.051	70.6	99.1	0
2002-10-28 22:00	161	11.86	154.6	5.991	-0.227	70.6	99.7	0

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2002-10-28 23:00	185.6	5.659	176.3	3.323	0.4	71.2	99.3	0
2002-10-29 00:00	219.6	6.201	214	2.052	0.435	71.5	98.6	0.01
2002-10-29 01:00	195.5	5.999	162.8	1.953	0.474	71.5	99.7	0
2002-10-29 02:00	163.3	8.66	148.1	4.112	0.18	71.9	99.7	0.01
2002-10-29 03:00	174	10.5	162.8	5.228	0.057	72.4	99.8	0.04
2002-10-29 04:00	179.9	10.77	176.2	5.998	-0.21	72.8	97.5	0.05
2002-10-29 05:00	194.8	12.63	190.4	6.818	-0.156	71.7	94	0.14
2002-10-29 06:00	167.4	17.57	162.8	9.14	0.146	70.3	91.5	0.17
2002-10-29 07:00	150.8	16.19	141.6	7.89	0.176	68.82	93	0.09
2002-10-29 08:00	130.4	14.49	135.3	6.302	0.089	67.9	92.2	0
2002-10-29 09:00	144.4	10.95	146.8	4.403	0.247	67.24	92.4	0
2002-10-29 10:00	232	6.707	228.1	3.575	-0.605	67.05	95.3	0
2002-10-29 11:00	238.6	7.79	230.1	4.901	-1.011	67.77	92.9	0
2002-10-29 12:00	223.2	8.59	218.1	5.566	-1.138	69.35	89.3	0
2002-10-29 13:00	193.6	6.585	191.7	5.105	-0.997	70.3	87	0
2002-10-29 14:00	198.4	5.772	192	3.714	-0.819	70.7	87.7	0
2002-10-29 15:00	198.8	6.525	195.2	3.924	-0.751	70.6	89	0
2002-10-29 16:00	223.3	6.511	222.5	4.044	-0.914	71.4	88.6	0
2002-10-29 17:00	230.8	6.976	226.6	4.154	-0.912	72.1	85.6	0
2002-10-29 18:00	244	6.252	249.6	2.817	-0.416	71.1	88.8	0
2002-10-29 19:00	313.9	6.407	337.8	1.806	0.218	69.55	91.5	0
2002-10-29 20:00	338.3	4.842	6.415	1.703	1.126	67.97	95.9	0
2002-10-29 21:00	345.8	5.519	359.7	1.564	1.17	66.9	96.7	0
2002-10-29 22:00	308.5	3.148	83.9	0.949	2.048	64.72	99.6	0
2002-10-29 23:00	323.1	4.731	14.46	1.701	2.291	63.77	99.7	0
2002-10-30 00:00	15.96	6.437	0.579	3.282	-0.255	62.8	99.6	0
2002-10-30 01:00	50.98	3.81	95.8	1.259	-0.08	61.43	99.6	0
2002-10-30 02:00	27.67	3.187	296.9	1.662	0.026	61.13	99.6	0
2002-10-30 03:00	0.106	3.731	333.3	1.611	-0.463	60.67	99.6	0.01
2002-10-30 04:00	21.18	3.648	3.245	2.455	-0.571	59.93	99.6	0
2002-10-30 05:00	15.45	4.725	9.37	3.403	-0.615	59.19	99.6	0
2002-10-30 06:00	37.5	4.488	27.47	3.434	-0.659	58.39	99.6	0
2002-10-30 07:00	61.91	3.887	42.93	2.644	-0.829	58.43	99.6	0
2002-10-30 08:00	54.28	6.673	36.72	4.789	-0.887	57.46	99.6	0
2002-10-30 09:00	62.78	5.044	43.74	3.412	-1.307	57.92	99.5	0
2002-10-30 10:00	46.71	7.24	28.21	5.55	-1.265	59.49	92.6	0
2002-10-30 11:00	59.91	7.04	39.76	5.415	-1.145	61.57	84.6	0
2002-10-30 12:00	73.7	5.188	55.16	3.94	-1.191	63.88	77.5	0
2002-10-30 13:00	2.186	6.401	2.455	5.237	-1.243	65.43	73.5	0
2002-10-30 14:00	336.5	8.05	335.7	5.953	-1.407	66.69	70.8	0
2002-10-30 15:00	339.6	10.31	333.6	6.736	-1.43	66.73	70.3	0
2002-10-30 16:00	341.7	9.04	343.7	6.54	-1.138	67.02	70.2	0
2002-10-30 17:00	340	8.86	337	5.912	-0.956	66.31	70.7	0
2002-10-30 18:00	348.6	7.2	348.3	4.09	-0.52	64.9	73.1	0
2002-10-30 19:00	351.9	6.547	358.1	2.686	0.123	62.11	81.4	0
2002-10-30 20:00	355.7	6.802	346.8	2.973	0.003	59.76	86.4	0
2002-10-30 21:00	18.52	8.18	14.73	4.48	-0.321	57.74	88.3	0
2002-10-30 22:00	25.21	8.22	15.44	4.185	-0.194	55.98	90.5	0
2002-10-30 23:00	44.99	8.55	39.87	4.416	-0.131	55.15	89.6	0
2002-10-31 00:00	57.65	7.75	65.18	3.063	0.072	54.17	87.8	0
2002-10-31 01:00	81	6.278	106	0.647	0.853	52.35	94.7	0
2002-10-31 02:00	98.2	6.615	85.9	1.186	0.742	51.72	96.2	0
2002-10-31 03:00	81.7	5.403	21.42	1.134	1.059	51	97.1	0
2002-10-31 04:00	1.826	5.743	10.24	1.59	0.96	50.83	98.3	0
2002-10-31 05:00	10.17	6.209	16.83	2.297	0.215	51.1	96.8	0
2002-10-31 06:00	18.08	5.121	21.37	1.389	0.056	50.46	97.1	0

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2002-10-31 07:00	31.09	7.14	19.29	2.776	0.039	50.17	98.2	0
2002-10-31 08:00	7.52	6.053	9.39	2.726	-0.415	50.08	97.6	0
2002-10-31 09:00	28.88	6.482	27.08	4.247	-0.726	51.05	96	0
2002-10-31 10:00	28.72	8.34	23.72	6.519	-1.069	53.84	84.7	0
2002-10-31 11:00	26	10.56	19.71	8.31	-1.274	56.6	78.9	0
2002-10-31 12:00	14.77	7.75	11.96	6.456	-1.341	58.59	75.1	0
2002-10-31 13:00	17.42	9.4	9.85	7.74	-1.481	60.38	70.1	0
2002-10-31 14:00	11.73	7.94	8.23	6.324	-1.408	61.93	67.74	0
2002-10-31 15:00	357.7	7.47	357.7	6.07	-1.237	62.69	64.68	0
2002-10-31 16:00	350.6	9.54	345.5	7.13	-1.209	63.33	62.12	0
2002-10-31 17:00	4.896	9.77	2.162	7.02	-0.876	61.72	65.86	0
2002-10-31 18:00	2.779	12.29	0.888	8.61	-0.662	58.45	72	0
2002-10-31 19:00	9.83	9.85	2.927	6.092	-0.517	56.27	75.5	0
2002-10-31 20:00	30.11	8.41	24.82	4.212	-0.043	54.7	77.8	0
2002-10-31 21:00	36.85	8.59	31.07	3.189	0.913	53.41	79.6	0
2002-10-31 22:00	36.12	8.77	32.66	3.541	0.802	52.6	81.4	0
2002-10-31 23:00	34.65	8.54	23.72	4.767	-0.29	52.65	79.4	0
2002-11-01 00:00	29.7	8.44	17.77	4.821	-0.401	52.19	80.3	0
2002-11-01 01:00	32.57	8.13	23.33	4.155	-0.12	50.95	82.9	0
2002-11-01 02:00	33.26	8.48	27.59	4.354	-0.18	50.04	85.6	0
2002-11-01 03:00	40.84	7.79	23.97	3.14	0.245	48.63	90.3	0
2002-11-01 04:00	29.94	8.54	17.34	4.11	-0.143	47.97	92.4	0
2002-11-01 05:00	34.31	9.19	23.74	5.113	-0.459	47.44	92.9	0
2002-11-01 06:00	38.55	7.99	23.18	4.355	-0.406	46.92	93	0
2002-11-01 07:00	25.34	7.13	13.79	3.456	-0.459	46.26	95.1	0
2002-11-01 08:00	25.33	9.45	20.45	5.738	-0.625	46.14	95.5	0
2002-11-01 09:00	30.19	9.53	24.44	7.35	-0.952	46.86	92.9	0
2002-11-01 10:00	38.51	8.87	31.73	7.46	-1.133	48.86	85.5	0
2002-11-01 11:00	23.5	6.655	20.32	5.865	-1.209	51.57	78.5	0
2002-11-01 12:00	352.4	6.343	350.5	4.756	-1.295	53.24	74.2	0
2002-11-01 13:00	351.2	8	347.1	5.753	-1.322	54.04	69.89	0
2002-11-01 14:00	355.1	8.33	353.6	6.377	-1.158	53.81	69.42	0
2002-11-01 15:00	13.12	5.816	11.16	4.565	-0.985	53.01	74.4	0
2002-11-01 16:00	4.495	6.83	1.42	4.888	-0.992	53.01	76.7	0
2002-11-01 17:00	1.673	8.11	357.9	5.802	-0.954	52.41	76.7	0
2002-11-01 18:00	1.998	8.61	1.151	5.53	-0.752	51.53	77.1	0
2002-11-01 19:00	21.32	6.774	16.46	4.254	-0.672	50.8	79.4	0
2002-11-01 20:00	24.08	7.61	16.93	4.555	-0.625	50.53	79.2	0
2002-11-01 21:00	30.25	7.69	23.58	4.682	-0.614	50.42	78.4	0
2002-11-01 22:00	31.18	8.45	25.46	4.848	-0.349	49.35	82.2	0
2002-11-01 23:00	27.98	8.53	17.31	4.579	-0.447	48.39	85	0
2002-11-02 00:00	24.63	9.33	14.3	5.033	-0.448	47.68	86.7	0
2002-11-02 01:00	20.22	7.26	15.01	4.192	-0.644	47.45	86.2	0
2002-11-02 02:00	25.33	7.92	16.53	5.165	-0.804	47.11	87	0
2002-11-02 03:00	29.46	8.03	19.29	5.442	-0.828	46.74	87.7	0
2002-11-02 04:00	35.95	8.33	28.68	5.69	-0.865	46.46	87.4	0
2002-11-02 05:00	36.77	8.11	24.98	5.736	-0.889	46.19	86.9	0
2002-11-02 06:00	35.58	6.877	25.44	4.441	-0.878	45.91	87.1	0
2002-11-02 07:00	50	8.11	38.99	5.462	-0.911	45.53	88.3	0
2002-11-02 08:00	66.39	5.591	41.42	3.399	-0.956	45.43	88	0
2002-11-02 09:00	52.47	6.595	34.38	4.829	-1.011	45.62	86.9	0
2002-11-02 10:00	61.31	6.765	38.15	5.227	-1.088	46.13	84.3	0
2002-11-02 11:00	87.3	5.984	57.56	4.144	-1.168	47.74	79.8	0
2002-11-02 12:00	102	5.849	82.5	4.701	-1.329	50.52	72.4	0
2002-11-02 13:00	67.13	6.354	40.14	5.86	-1.21	53.44	62.61	0
2002-11-02 14:00	45.65	6.493	26.89	5.51	-1.14	54.63	61.34	0

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2002-11-02 15:00	40.92	7.83	28.2	6.242	-1.142	54.28	62.78	0
2002-11-02 16:00	42.12	7.08	33.94	5.545	-0.99	54.17	61.64	0
2002-11-02 17:00	43.36	4.911	29.3	3.343	-0.742	53.71	66.03	0
2002-11-02 18:00	54.67	5.216	56.86	2.299	-0.403	52.76	75.2	0
2002-11-02 19:00	43.08	5.604	27.52	2.577	-0.278	51.44	80.6	0
2002-11-02 20:00	69.65	5.278	63.13	1.473	-0.269	50.7	84.6	0
2002-11-02 21:00	92	6.428	57.03	2.662	-0.303	50.22	85.7	0.01
2002-11-02 22:00	98.2	6.248	64.79	2.428	-0.413	49.96	88.4	0
2002-11-02 23:00	115.7	10.4	91.9	3.388	-0.402	49.93	87.4	0.01
2002-11-03 00:00	118.6	12.38	111.5	3.825	-0.418	50.16	85.9	0
2002-11-03 01:00	113	7.31	86.8	2.793	-0.563	50.27	85.6	0
2002-11-03 02:00	70.9	5.9	41.37	3.044	-0.524	49.9	89.3	0
2002-11-03 03:00	81.6	7.18	38.72	3.845	-0.684	49.66	91.4	0.04
2002-11-03 04:00	71	8.21	41.01	4.521	-0.696	49.24	93.6	0.04
2002-11-03 05:00	86.4	9.3	60.39	4.564	-0.749	49.03	93.3	0.07
2002-11-03 06:00	103.5	10.08	78.2	4.101	-0.804	48.79	94.5	0.04
2002-11-03 07:00	109.2	11.61	78.9	4.402	-0.878	48.87	94.9	0.09
2002-11-03 08:00	107	10.92	80.5	4.407	-0.894	48.53	95.8	0.09
2002-11-03 09:00	93.4	8.76	53.45	4.894	-0.964	48.36	96.5	0.05
2002-11-03 10:00	98.1	7.68	61.27	3.973	-0.958	48.27	96.6	0.08
2002-11-03 11:00	102.4	10.97	85	4.722	-1.01	48.73	97.5	0.07
2002-11-03 12:00	117.9	11.02	108.2	4.336	-1.089	49.96	97	0
2002-11-03 13:00	122.5	13.23	133.1	6.097	-1.192	51.85	96.1	0
2002-11-03 14:00	125.9	13.03	135.7	5.754	-1.012	53.7	96.2	0.01
2002-11-03 15:00	352.2	6.29	354.5	3.895	-0.719	54.56	98.4	0.04
2002-11-03 16:00	14.71	8.78	9.39	5.924	-0.91	53.71	99.3	0.2
2002-11-03 17:00	4.05	7.63	355.7	4.956	-0.875	52.28	99.4	0.28
2002-11-03 18:00	27.99	6.462	17.98	4.454	-0.874	52.1	99.4	0.03
2002-11-03 19:00	22.76	5.437	6.036	3.365	-0.826	52.23	99.4	0
2002-11-03 20:00	13.04	6.243	2.25	4.248	-0.847	52.21	99.4	0
2002-11-03 21:00	10.77	7.32	3.597	5.095	-0.933	51.73	99.4	0.04
2002-11-03 22:00	35.82	8.84	31.18	5.115	-0.845	50.94	99.3	0.01
2002-11-03 23:00	39.75	5.805	20.78	3.312	-0.764	51.58	99.3	0
2002-11-04 00:00	343.8	6.169	345.7	3.948	-0.773	51.2	99.4	0.01
2002-11-04 01:00	336.2	8	339.8	4.472	-0.73	50.62	99.4	0.01
2002-11-04 02:00	1.157	10.12	0.312	6.554	-0.784	50.24	99.4	0.02
2002-11-04 03:00	12.62	7.3	6.589	4.626	-0.869	50.29	99.4	0
2002-11-04 04:00	5.714	7.45	1.587	5.031	-0.953	50.54	99.5	0.01
2002-11-04 05:00	12.17	7.2	9.81	4.655	-1.017	50.64	99.5	0
2002-11-04 06:00	17.98	8.4	10.16	6.011	-0.887	50.22	99.4	0.05
2002-11-04 07:00	18.78	8.26	10.6	5.698	-0.908	49.8	99.4	0.01
2002-11-04 08:00	26.98	7.96	15.31	5.555	-0.945	49.72	99.3	0
2002-11-04 09:00	27.52	5.677	16.76	3.603	-0.9	50.09	98.5	0
2002-11-04 10:00	35.97	5.784	25.98	4.129	-0.926	50.36	98.1	0
2002-11-04 11:00	38.74	6.885	24.41	5.114	-1.004	51.11	97.6	0
2002-11-04 12:00	43.39	7.25	31.76	5.463	-1.018	51.74	96.5	0
2002-11-04 13:00	37.52	6.402	24.5	5.168	-0.992	52.44	94.7	0
2002-11-04 14:00	66.05	7.23	44.06	5.204	-1.014	52.75	94.4	0
2002-11-04 15:00	62.64	6.988	38.18	5.432	-1.017	53.09	94.1	0
2002-11-04 16:00	35.83	6.441	26.54	4.855	-0.877	53.12	94.8	0.02
2002-11-04 17:00	58.22	7.02	40.38	4.342	-0.792	52.71	97.3	0.15
2002-11-04 18:00	42.31	8.66	28.69	5.816	-0.757	52.49	98.6	0.17
2002-11-04 19:00	47.98	8.62	33.56	5.948	-0.718	52.41	98.6	0.5
2002-11-04 20:00	64.22	6.544	38.94	3.551	-0.614	52.08	99.3	0.54
2002-11-04 21:00	70.3	6.064	38.74	3.236	-0.748	52.32	99.4	0.23
2002-11-04 22:00	76.9	7.27	48.77	4.112	-0.765	52.82	99.4	0.02

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2002-11-04 23:00	76.1	5.901	38.14	3.411	-0.697	53.39	99.3	0.05
2002-11-05 00:00	85.7	7.04	50.16	3.347	-0.686	53.71	99.4	0.05
2002-11-05 01:00	102.4	9.85	68.46	4.197	-0.729	54.17	99.4	0
2002-11-05 02:00	108.6	10.69	85.7	4.567	-0.661	54.4	99.5	0
2002-11-05 03:00	112.6	11.5	109.4	4.252	-0.661	55.18	99.5	0.01
2002-11-05 04:00	116	13.68	120.1	5.387	-0.618	56.12	99.5	0.05
2002-11-05 05:00	127.1	14.33	134.2	5.91	-0.376	58.11	99.6	0.01
2002-11-05 06:00	142	14.17	142.2	5.818	-0.082	61.44	99.7	0.06
2002-11-05 07:00	176.4	13.36	173.5	6.989	-0.287	67.15	99.8	0.17
2002-11-05 08:00	194.4	14.98	192.2	9.05	-0.274	68.92	99.3	0.38
2002-11-05 09:00	200.3	18.81	196.2	11.21	-0.243	69.5	98.1	0.16
2002-11-05 10:00	254	16.09	240.1	8.27	-0.512	64.48	97.9	0.06
2002-11-05 11:00	257.8	11.66	247.7	5.714	-0.876	58.89	98.9	0
2002-11-05 12:00	274.3	11.71	258.2	6.041	-0.976	58.89	96.3	0
2002-11-05 13:00	278.5	13.05	259.8	6.862	-0.945	57.79	93.9	0
2002-11-05 14:00	281.4	10.52	262.4	5.671	-0.986	57.14	93.3	0
2002-11-05 15:00	280.6	10.06	259.1	5.192	-0.934	56.62	91.1	0
2002-11-05 16:00	273.3	8.05	255.3	4.24	-0.943	56.25	89.9	0
2002-11-05 17:00	276.8	9.29	257.1	4.762	-0.807	56	90.1	0
2002-11-05 18:00	271.9	9.1	251	4.517	-0.694	55.63	89.9	0
2002-11-05 19:00	296.7	9.6	284	4.163	-0.517	55.24	88.1	0
2002-11-05 20:00	303.6	10.95	289.3	4.941	-0.626	54.47	88.5	0
2002-11-05 21:00	307.7	12.51	295.8	5.68	-0.705	52.7	94.5	0
2002-11-05 22:00	305.5	10.21	290.5	4.512	-0.66	51.94	94.7	0.01
2002-11-05 23:00	289.2	7.44	268.1	3.3	-0.622	51.99	94	0
2002-11-06 00:00	277.3	9.67	254.6	4.444	-0.66	52.19	93.8	0
2002-11-06 01:00	270.4	9.44	250.4	4.374	-0.57	52.14	93.2	0
2002-11-06 02:00	276.1	9.84	258.1	4.734	-0.543	52.12	92.6	0
2002-11-06 03:00	285	8.92	262.7	4.139	-0.642	52.29	92.5	0
2002-11-06 04:00	296.8	10.34	282.2	5.01	-0.671	51.88	91.1	0
2002-11-06 05:00	303.3	9.07	290.8	4.198	-0.719	50.94	90.8	0
2002-11-06 06:00	297.7	9.03	278.6	4.21	-0.669	49.55	91.8	0
2002-11-06 07:00	300.2	7.94	283.9	2.667	-0.305	47.97	93.6	0
2002-11-06 08:00	297.8	7.56	295.1	2.719	-0.338	47.29	92.9	0
2002-11-06 09:00	307.5	8.89	309.1	4.033	-0.849	47.57	89.7	0
2002-11-06 10:00	320.5	8.61	305.8	4.664	-1.382	49.59	81.3	0
2002-11-06 11:00	332.7	9	338.8	6.429	-1.433	51.99	71.5	0
2002-11-06 12:00	333.3	7.76	344.8	5.796	-1.441	53.94	66.58	0
2002-11-06 13:00	333.9	8.59	336.6	6.286	-1.449	55.57	60.64	0
2002-11-06 14:00	332.8	8.2	335.8	5.892	-1.454	57.03	55.68	0
2002-11-06 15:00	326.3	8.35	321.1	5.783	-1.537	58.18	53.29	0
2002-11-06 16:00	340.1	8.63	346.9	6.532	-1.149	58.36	52.8	0
2002-11-06 17:00	337.6	7.46	340.6	5.177	-0.934	58.38	51.2	0
2002-11-06 18:00	346.3	7.34	357.1	4.027	-0.241	57.01	54.5	0
2002-11-06 19:00	347.6	6.589	38.26	1.788	3.759	52.53	72.5	0
2002-11-06 20:00	338.7	5.654	79.4	0.906	5.854	49.36	84.1	0
2002-11-06 21:00	286.5	2.492	62.7	1.074	6.002	47.71	89.1	0
2002-11-06 22:00	278.9	3.902	61.41	1.109	6.113	46.7	93	0
2002-11-06 23:00	284.1	4.035	57.05	1.038	6.522	45.91	96	0
2002-11-07 00:00	280.6	2.663	63.51	1.124	6.509	45.23	97.9	0
2002-11-07 01:00	273.7	4.121	53.87	0.79	5.872	44.79	98.2	0
2002-11-07 02:00	251.5	4.497	94.9	0.718	3.439	44.93	98.2	0
2002-11-07 03:00	234.7	3.574	76.3	0.487	5.059	43.25	99.2	0
2002-11-07 04:00	225.4	3.838	88.7	1.098	5.65	41.53	99.2	0
2002-11-07 05:00	266.3	2.677	64.85	1.031	5.606	40.85	99.2	0
2002-11-07 06:00	279.3	2.352	72.6	1.147	5.909	40.02	99.2	0

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2002-11-07 07:00	358.3	2.525	76.5	0.817	7.14	39.47	99.2	0
2002-11-07 08:00	42.72	2.63	96.3	0.702	7.89	38.53	99.2	0
2002-11-07 09:00	86	4.984	117	1.132	8.46	40.35	99.2	0
2002-11-07 10:00	111.9	2.45	160	1.738	-0.102	47.54	94.6	0
2002-11-07 11:00	133.4	2.785	157.3	2.789	-1.308	54.09	71.9	0
2002-11-07 12:00	84.6	4.185	57.78	3.88	-1.345	57.34	61.67	0
2002-11-07 13:00	268	4.269	254.8	4.101	-1.433	59.25	56.81	0
2002-11-07 14:00	278	4.567	265.2	3.83	-1.305	60.64	49.11	0
2002-11-07 15:00	292.7	4.765	294.1	3.958	-1.233	62.25	42.82	0
2002-11-07 16:00	302.1	4.151	292.1	3.348	-1.142	63.03	40.39	0
2002-11-07 17:00	288.5	3.361	284.7	2.675	-0.902	62.97	41.34	0
2002-11-07 18:00	269.4	1.988	71.5	0.931	1.313	60.49	55.72	0
2002-11-07 19:00	230.6	4.016	56.94	0.928	6.161	54.83	71.4	0
2002-11-07 20:00	219.2	3.447	56.24	1.388	8.72	52.12	76.6	0
2002-11-07 21:00	160.1	2.73	81.8	1.186	10.88	49.9	85.9	0
2002-11-07 22:00	139.9	4.382	102.3	1.13	11.44	48.03	93.2	0
2002-11-07 23:00	127.7	9.78	117	3.243	5.489	49.32	93.6	0
2002-11-08 00:00	164	8.92	107.6	2.259	7.45	47.91	95.8	0
2002-11-08 01:00	154.9	11.2	101.5	3.072	6.674	47.77	88.1	0
2002-11-08 02:00	159.8	10.65	112.2	2.839	5.367	47.15	88.2	0
2002-11-08 03:00	160.9	11.39	120.6	3.385	4.572	47.99	83.7	0
2002-11-08 04:00	159.5	10.25	117.7	2.972	4.124	47.33	85.4	0
2002-11-08 05:00	169.2	7.92	113.4	1.842	3.968	45.87	89.6	0
2002-11-08 06:00	159.6	8.37	87.5	1.906	5.358	43.75	94.9	0
2002-11-08 07:00	173.2	7.98	87.3	1.691	5.135	43.13	96.6	0
2002-11-08 08:00	151.4	9.41	96.9	2.622	5.808	42.78	96.7	0
2002-11-08 09:00	151.6	11.24	119.9	4.086	3.078	45.09	92.9	0
2002-11-08 10:00	152	7.25	128.4	3.557	-0.167	51.23	82.7	0
2002-11-08 11:00	176.8	9.77	170.6	6.597	-1.242	57.87	70.3	0
2002-11-08 12:00	187.5	11.17	183.5	7.66	-1.501	61.78	58.67	0
2002-11-08 13:00	189.6	11.3	187.7	7.96	-1.553	64.41	52.63	0
2002-11-08 14:00	195.2	11.34	189.6	8.16	-1.373	66.64	50.37	0
2002-11-08 15:00	183	10.62	176.2	7.41	-1.349	68.34	50.21	0
2002-11-08 16:00	186.6	12.41	182.5	7.91	-1.129	69.1	50.56	0
2002-11-08 17:00	189.1	12.45	187.8	7.4	-0.6	68.31	54.44	0
2002-11-08 18:00	183.1	12.46	181.2	6.915	-0.082	66.6	61.35	0
2002-11-08 19:00	167.5	10.25	148.3	4.827	0.498	64.2	68.06	0
2002-11-08 20:00	140.7	11.36	138.2	3.828	0.882	61.65	75.7	0
2002-11-08 21:00	134.5	13.33	140.1	5.285	0.224	60.25	80.2	0
2002-11-08 22:00	141.4	14.99	126	5.201	0.578	58.53	84.4	0
2002-11-08 23:00	146.7	17.56	124.8	6.447	1.008	58.04	85.4	0
2002-11-09 00:00	151.9	17.74	141.8	8.5	0.234	59.19	82.7	0
2002-11-09 01:00	150.3	18.1	144	9.09	-0.066	59.11	83.6	0
2002-11-09 02:00	145.9	15.65	142	7.12	0.062	58.54	85.8	0
2002-11-09 03:00	149	15.55	143.5	7.32	0.058	58.88	86	0
2002-11-09 04:00	146.2	14.65	144.1	6.43	-0.112	59.32	85.5	0
2002-11-09 05:00	144.2	16.18	133	6.244	0.247	59.3	86.6	0
2002-11-09 06:00	144.2	17.11	134.5	7.41	0.307	59.96	85.9	0
2002-11-09 07:00	146.8	18.2	131.5	7.81	0.352	60.43	85.8	0
2002-11-09 08:00	139.8	17.74	121.4	5.995	0.692	59.27	89.6	0
2002-11-09 09:00	142.4	18.18	131.7	7.62	0.006	61.29	86.4	0
2002-11-09 10:00	151.7	18.62	147	10.36	-0.825	65.94	78.3	0
2002-11-09 11:00	157.8	17.01	154.5	10.09	-1.202	70.3	73	0
2002-11-09 12:00	167.5	14.12	168.9	9.2	-1.24	74	69.5	0
2002-11-09 13:00	174.6	16.1	171.9	9.94	-1.03	75.5	68.76	0
2002-11-09 14:00	175.6	14.6	176.1	9.29	-0.962	76.1	69.19	0

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2002-11-09 15:00	181.6	16.79	180.4	10.33	-0.806	76.6	68.73	0
2002-11-09 16:00	172.5	16.19	173.7	10.1	-0.94	78	67.39	0
2002-11-09 17:00	165.5	16.17	164	9.73	-0.6	77	69.72	0
2002-11-09 18:00	155.7	14.31	158.4	7.92	-0.316	74.7	76.6	0
2002-11-09 19:00	150.9	17.41	145.5	9.72	-0.171	72.7	83.1	0
2002-11-09 20:00	154.7	16.03	151.4	8.9	-0.221	71.9	86.8	0
2002-11-09 21:00	177	15.57	174.3	9.15	-0.216	72.2	87.1	0
2002-11-09 22:00	179.4	17.29	172.5	10.48	-0.27	71.9	87.4	0
2002-11-09 23:00	179.9	18.43	174.1	10.96	-0.264	72	87.6	0
2002-11-10 00:00	182	16.21	175.3	9.55	-0.291	72.2	87.8	0
2002-11-10 01:00	189.7	11.63	182.8	6.513	-0.259	72.7	86.9	0
2002-11-10 02:00	194	10.79	186.1	6.011	-0.126	73.4	85.8	0
2002-11-10 03:00	198.2	14.63	191.2	8.21	-0.073	74.2	84.4	0
2002-11-10 04:00	203	15.52	197.2	9.65	-0.135	74.4	84.6	0
2002-11-10 05:00	207.1	16.54	204.3	10.57	-0.177	74.6	84.2	0
2002-11-10 06:00	210.8	16.93	205.4	10.87	-0.232	74.8	83.8	0
2002-11-10 07:00	209.4	16.23	204.2	10.51	-0.266	74.8	83.7	0
2002-11-10 08:00	207.1	15.98	203.1	10.2	-0.27	74.6	84.5	0
2002-11-10 09:00	207.3	16.62	202.7	10.58	-0.342	75	83.7	0
2002-11-10 10:00	212.8	18.8	206.1	12.36	-0.492	76.2	80.1	0
2002-11-10 11:00	212	18.81	207.2	12.51	-0.739	77.9	75.9	0
2002-11-10 12:00	215.5	17.87	211.6	11.88	-1.034	79.5	72.5	0
2002-11-10 13:00	216.5	20.85	213.2	13.88	-1.018	81.3	66.07	0
2002-11-10 14:00	215.5	24.45	211.7	15.41	-0.963	82.9	60.42	0
2002-11-10 15:00	212.4	19.06	208.9	12.78	-0.882	83.5	60.04	0
2002-11-10 16:00	210	18.03	207	11.87	-0.706	83.7	59.44	0
2002-11-10 17:00	208.2	14.36	203.4	9.83	-0.384	82.9	61.62	0
2002-11-10 18:00	205.6	15.98	198	9.59	-0.098	81.1	65.18	0
2002-11-10 19:00	198.9	14.87	192.6	8.6	0.023	78.6	73.6	0
2002-11-10 20:00	209.6	15.4	204.6	9.68	-0.164	77.6	78.6	0
2002-11-10 21:00	226.8	16.06	221.8	9.3	-0.171	74.5	84.6	0.25
2002-11-10 22:00	214	11.55	205.8	6.061	0.049	67.48	92.2	0
2002-11-10 23:00	230.4	8.77	189.5	3.697	0.314	67.51	90.9	0
2002-11-11 00:00	320.4	5.401	338.7	1.734	1.061	67.59	89.5	0
2002-11-11 01:00	339.1	8.92	339.2	3.611	0.913	65.45	86.5	0
2002-11-11 02:00	347.9	7.12	342.4	2.323	0.922	63.72	84.8	0
2002-11-11 03:00	11.45	5.303	36.77	1.347	2.993	60.89	94.3	0
2002-11-11 04:00	38.88	5.301	50.65	1.714	4.119	59.37	98.3	0
2002-11-11 05:00	59.91	4.39	58.26	1.608	4.972	58.15	99.4	0
2002-11-11 06:00	82.5	6.906	59.64	1.904	5.387	57.71	99.5	0
2002-11-11 07:00	40.34	4.663	353.9	1.326	4.474	57.78	99.5	0
2002-11-11 08:00	358	5.924	15.58	1.665	4.173	57.27	99.5	0
2002-11-11 09:00	22.94	6.463	334	2.258	2.609	58.53	99.6	0
2002-11-11 10:00	27.41	7.8	21.34	5.965	-0.802	62.17	90.3	0
2002-11-11 11:00	25.75	7.19	23.65	6.422	-1.01	65.22	79	0
2002-11-11 12:00	56.41	8.89	43.62	6.77	-0.995	68.41	65.58	0
2002-11-11 13:00	44.92	9.26	30.33	7.77	-1.028	68.89	62.6	0
2002-11-11 14:00	49.85	9.22	35.11	7.07	-1.07	70	54.97	0
2002-11-11 15:00	16.51	8.25	11.93	6.179	-1.066	71.3	50.16	0
2002-11-11 16:00	13.03	10.38	7.03	7.45	-0.955	69.39	59.19	0
2002-11-11 17:00	14.72	10.56	7.7	7.01	-0.634	66.69	64.74	0
2002-11-11 18:00	12.78	12.16	7.16	8.19	-0.58	64.76	65.97	0
2002-11-11 19:00	15.09	13.35	6.967	8.77	-0.583	62.96	66.77	0
2002-11-11 20:00	20.1	12.94	11.68	8.38	-0.559	61.69	68.72	0
2002-11-11 21:00	24.07	11.84	13.69	7.57	-0.438	61.68	60.51	0
2002-11-11 22:00	35.04	8.84	28.76	4.891	-0.233	60.52	62.08	0

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2002-11-11 23:00	55.77	6.164	67.66	1.447	0.584	58.93	66.62	0
2002-11-12 00:00	64.11	5.657	44.94	1.503	0.426	58.5	69.66	0
2002-11-12 01:00	359.7	8.06	344.8	3.012	0.22	57.46	76.3	0
2002-11-12 02:00	4.46	10.1	0.799	6.054	-0.524	58.16	70.1	0
2002-11-12 03:00	2.608	11.62	357.5	7.36	-0.567	57.57	62.73	0
2002-11-12 04:00	4.033	10.94	356.1	6.582	-0.469	55.37	64.67	0
2002-11-12 05:00	6.534	8.89	4.84	5.068	-0.412	53.25	66.03	0
2002-11-12 06:00	3.315	10.85	1.075	6.425	-0.44	51.86	67.9	0
2002-11-12 07:00	0.774	10.36	357.7	5.725	-0.362	50.53	70.7	0
2002-11-12 08:00	0.001	10.5	358.7	5.538	-0.412	49.47	72.6	0
2002-11-12 09:00	6.943	9.28	3.397	5.821	-0.797	49.72	72.6	0
2002-11-12 10:00	10.47	9.52	5.811	7.01	-1.221	52.05	64.82	0
2002-11-12 11:00	20.96	12.91	15.36	10.3	-1.314	54.04	57.83	0
2002-11-12 12:00	355.8	13.96	352	9.49	-1.596	55.42	55.44	0
2002-11-12 13:00	352.6	14.48	350.4	9.75	-1.615	56.31	51.81	0
2002-11-12 14:00	336.5	12.66	340.1	8.6	-1.624	57.7	48.73	0
2002-11-12 15:00	331.1	13.87	332.5	8.51	-1.581	57.89	47.85	0
2002-11-12 16:00	333.2	14.61	338	8.98	-1.391	57.46	48.71	0
2002-11-12 17:00	336.8	13.03	342.2	8.03	-1.055	56.93	48.14	0
2002-11-12 18:00	344.5	11.01	344	5.889	-0.518	55.85	48.59	0
2002-11-12 19:00	354.1	8.16	3.693	3.569	0.15	53.51	56.23	0
2002-11-12 20:00	349.8	8.86	8.3	3.487	0.537	51.92	63.43	0
2002-11-12 21:00	341.4	7.88	3.087	2.677	0.525	50.4	71.6	0
2002-11-12 22:00	347.9	7.57	3.073	2.726	0.419	49.54	72.9	0
2002-11-12 23:00	341.1	6.539	355.4	1.425	1.73	47.48	80.3	0
2002-11-13 00:00	344.5	7.91	334.3	2.232	1.25	47.08	81.3	0
2002-11-13 01:00	1.695	5.353	81.7	1.01	2.934	44.19	91.1	0
2002-11-13 02:00	16.55	5.852	58.5	1.274	3.772	42.5	93.2	0
2002-11-13 03:00	18.34	6.485	28.66	1.679	3.806	41.96	93.2	0
2002-11-13 04:00	308.6	4.702	44.08	0.863	2.639	41.74	95.3	0
2002-11-13 05:00	286.8	3.112	87.3	0.886	2.496	41.4	97.8	0
2002-11-13 06:00	263.2	1.717	78.8	1.058	3.081	40.3	98.6	0
2002-11-13 07:00	274.6	2.831	84	0.911	2.964	39.82	99	0
2002-11-13 08:00	251.2	4.805	193	1.174	0.666	40.46	99.2	0
2002-11-13 09:00	242.4	2.577	186.5	1.616	-0.694	41.6	99.2	0
2002-11-13 10:00	296.9	1.889	170.2	1.545	-0.94	44.27	99.3	0
2002-11-13 11:00	304.2	2.813	316.1	2.465	-0.84	49.44	89.8	0
2002-11-13 12:00	328.6	4.411	323.2	3.728	-1.36	53.51	57.26	0
2002-11-13 13:00	346.9	6.139	346.3	5.243	-1.554	56.95	48.71	0
2002-11-13 14:00	310.5	6.087	300.5	4.746	-1.456	58.6	43.01	0
2002-11-13 15:00	317.9	6.21	313.4	4.841	-1.44	60.09	36.56	0
2002-11-13 16:00	327.5	6.022	315.7	4.489	-1.294	60.75	31.29	0
2002-11-13 17:00	293.2	5.049	283.9	3.429	-1.105	60.7	34.37	0
2002-11-13 18:00	305.8	2.748	356.9	1.551	0.987	58.41	44.16	0
2002-11-13 19:00	42.04	2.486	65	1.592	6.962	52.16	61.41	0
2002-11-13 20:00	114.8	2.314	75.1	1.159	8.88	49.39	70.3	0
2002-11-13 21:00	146.7	5.269	95.8	1.627	8.39	48.67	74	0
2002-11-13 22:00	149.7	8.25	122.2	1.873	8.16	46.31	80.6	0
2002-11-13 23:00	140.2	9.91	108.6	2.316	8.7	45.5	82.8	0
2002-11-14 00:00	139.8	11.17	128.8	3.133	5.874	44.57	86	0
2002-11-14 01:00	135.7	10.43	117.5	2.015	4.311	43.33	87.6	0
2002-11-14 02:00	161.9	10.22	104.9	2.706	5.851	42.81	86.3	0
2002-11-14 03:00	162.7	10.31	100.1	2.053	7.33	41.76	89.2	0
2002-11-14 04:00	158.6	10.9	102.3	2.714	6.159	42.04	85.1	0
2002-11-14 05:00	153.6	12.41	102.5	3.574	5.487	41.49	85.2	0
2002-11-14 06:00	151.9	12.53	98.5	3.918	4.964	40.63	86.6	0

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2002-11-14 07:00	155.5	11.91	114.4	3.906	4.873	40.54	85.5	0
2002-11-14 08:00	154.4	12.63	107.3	3.963	4.748	40.17	85.4	0
2002-11-14 09:00	148	14.56	100	4.82	3.177	41.61	81.7	0
2002-11-14 10:00	134.1	10.49	108.2	3.909	-0.334	46.6	73.8	0.01
2002-11-14 11:00	133.1	7.21	133	3.793	-1.603	53	65.8	0
2002-11-14 12:00	159.2	8.38	156.7	5.848	-1.684	58.73	50.45	0
2002-11-14 13:00	172.1	7.21	164.2	5.516	-1.707	62.6	41.94	0
2002-11-14 14:00	169.2	9.89	165.6	7.08	-1.592	64.68	44.38	0
2002-11-14 15:00	174.4	10.84	174	7.61	-1.506	66.15	47.48	0
2002-11-14 16:00	185.2	9.92	181	6.43	-1.272	66.92	48.89	0
2002-11-14 17:00	183.6	10.31	181.7	5.916	-0.814	66.55	50.87	0
2002-11-14 18:00	141	9.42	148	3.873	-0.07	64.23	58.11	0
2002-11-14 19:00	140.3	11.46	143.7	3.604	0.696	61.41	66.62	0
2002-11-14 20:00	131.7	12.36	122.1	3.406	0.369	59.88	72.6	0
2002-11-14 21:00	133.5	13.17	128.5	4.713	-0.063	59.56	74.7	0
2002-11-14 22:00	137.9	14.32	121.8	5.04	0.092	59.79	74.7	0
2002-11-14 23:00	144.7	15.26	132.2	7.01	-0.172	61.12	71.9	0
2002-11-15 00:00	144.1	15.48	131.6	7.55	-0.388	61.31	72.3	0
2002-11-15 01:00	145.1	15.72	136.7	7.35	-0.349	61.08	73.7	0
2002-11-15 02:00	148.7	15.7	142.8	8.41	-0.427	61.11	74.2	0
2002-11-15 03:00	156.6	15.25	148.4	8.38	-0.44	61.5	73.9	0
2002-11-15 04:00	149.2	15.65	143.9	7.9	-0.411	61.25	75.6	0
2002-11-15 05:00	153.3	11.38	145.5	5.973	-0.368	61.16	78.4	0
2002-11-15 06:00	344.9	8.83	351.2	5.01	0.002	59.72	87.6	0.3
2002-11-15 07:00	189.3	6.375	149.5	2.87	0.123	58.41	98	0.15
2002-11-15 08:00	159.1	8.47	142.7	3.881	-0.214	58.46	98.8	0.12
2002-11-15 09:00	171.9	11.99	162.7	6.306	-0.37	59.79	97.2	0
2002-11-15 10:00	204.6	7.75	206.7	4.337	-0.673	60.18	96.9	0.01
2002-11-15 11:00	254.2	8.84	245.3	4.392	-0.664	59.97	98.7	0.02
2002-11-15 12:00	260	8.75	244.8	4.625	-1.146	59.75	99.5	0
2002-11-15 13:00	259.3	8.81	250.8	5.454	-1.425	62.01	88.5	0
2002-11-15 14:00	276	12.18	259.6	7.11	-1.297	61.51	77.4	0
2002-11-15 15:00	276.6	9.66	258.5	5.918	-1.484	61.34	75.1	0
2002-11-15 16:00	317	10.9	317	6.696	-1.051	60.1	80.5	0
2002-11-15 17:00	337.7	14.71	341.7	8.56	-0.959	56.77	83.3	0
2002-11-15 18:00	336.5	14.76	342.3	8.41	-0.942	54.27	87.3	0
2002-11-15 19:00	345.3	13.61	346.3	8.32	-0.89	53.05	85.8	0
2002-11-15 20:00	348.3	10.27	350.4	6.511	-0.869	52.93	83.5	0
2002-11-15 21:00	353.3	10.99	354.1	6.998	-0.842	52.85	80.6	0
2002-11-15 22:00	359.8	9.68	0.257	6.33	-0.835	52.7	79.6	0
2002-11-15 23:00	10.34	10.84	2.993	7.52	-0.849	52.49	77.3	0
2002-11-16 00:00	9.6	9.18	2.935	6.069	-0.845	51.94	79.1	0
2002-11-16 01:00	6.332	11.38	3.46	7.64	-0.892	51.48	80.1	0
2002-11-16 02:00	6.564	10.96	2.214	7.21	-0.901	50.42	80.8	0
2002-11-16 03:00	2.493	12.54	0.621	8.54	-0.94	49.79	80.2	0
2002-11-16 04:00	1.966	15.28	359.2	10.47	-0.966	48.09	79	0
2002-11-16 05:00	6.683	15.16	5.41	10.66	-0.951	47.38	76.6	0
2002-11-16 06:00	6.859	13.81	2.489	9.62	-0.954	47	75.6	0
2002-11-16 07:00	1.229	15.45	357.3	10.58	-0.948	46.62	74.1	0
2002-11-16 08:00	356.8	12.97	355.3	8.66	-0.973	46.21	76.3	0
2002-11-16 09:00	6.781	14.72	4.706	10.48	-1.017	45.62	72.8	0
2002-11-16 10:00	5.501	15.13	0.991	10.79	-1.074	45.13	70.6	0
2002-11-16 11:00	2.572	14.6	358.2	9.91	-1.184	45.45	68.38	0
2002-11-16 12:00	1.218	12.91	356.2	9.03	-1.229	45.43	71.2	0
2002-11-16 13:00	349.1	13.37	349	9	-1.291	46.41	68.09	0
2002-11-16 14:00	343.9	15.09	345.4	9.69	-1.318	47.13	63.44	0

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2002-11-16 15:00	338.4	15.99	343.3	9.9	-1.277	46.97	62.89	0
2002-11-16 16:00	334.1	15.55	335.1	9.31	-1.153	46.62	63.2	0
2002-11-16 17:00	347.3	14.97	349.8	9.53	-1.039	46.49	62.08	0
2002-11-16 18:00	355.2	11.8	355.6	7.53	-0.87	46.15	63.82	0
2002-11-16 19:00	2.913	10.06	3.993	5.695	-0.507	44.76	67.25	0
2002-11-16 20:00	1.993	7.77	3.54	3.487	-0.23	43.68	70.3	0
2002-11-16 21:00	4.136	7.47	10.92	2.63	0.473	42.63	74.3	0
2002-11-16 22:00	336.9	4.69	62.74	1.341	2.464	40.62	82.5	0
2002-11-16 23:00	265.5	4.759	79.4	0.853	2.689	39.32	89.6	0
2002-11-17 00:00	261.6	5.371	149.9	1.015	2.15	39.02	94.3	0
2002-11-17 01:00	263.9	6.303	221.2	0.589	1.714	38.99	94.1	0
2002-11-17 02:00	270.6	5.879	197.6	0.54	0.995	39.4	93.2	0
2002-11-17 03:00	263.4	5.674	243.9	1.215	1.01	39.2	92.8	0
2002-11-17 04:00	289.4	5.895	264.1	1.161	0.67	39.4	91.2	0
2002-11-17 05:00	313.9	6.632	292.2	1.988	0.042	39.29	87.1	0
2002-11-17 06:00	304.8	4.894	120	0.926	1.496	37.33	91.2	0
2002-11-17 07:00	280.9	5.061	71.8	0.728	2.526	36.03	96.1	0
2002-11-17 08:00	262.4	6.408	226.8	0.821	1.84	35.96	96.8	0
2002-11-17 09:00	268.6	5.156	205.8	1.102	0.845	37.27	94.8	0
2002-11-17 10:00	264.9	4.095	252.1	2.893	-1.282	41.62	84.5	0
2002-11-17 11:00	255	3.334	234.3	2.933	-1.516	45.41	73.7	0
2002-11-17 12:00	237.6	5.456	225.3	4.47	-1.723	49.43	60.38	0
2002-11-17 13:00	254.9	6.854	251.2	5.04	-1.715	52.3	51.23	0
2002-11-17 14:00	237.8	9.7	233.4	7.14	-1.732	54.61	48.44	0
2002-11-17 15:00	237	11.58	230.5	7.77	-1.864	57.09	45.43	0
2002-11-17 16:00	237.2	9.93	234.8	6.487	-1.614	58.68	45.06	0
2002-11-17 17:00	233.7	8.78	228.2	5.467	-1.272	58.95	46.2	0
2002-11-17 18:00	217.7	7.44	197.8	3.664	-0.302	57.83	48.39	0
2002-11-17 19:00	202.3	8.38	156.2	1.935	1.634	55.19	53.19	0
2002-11-17 20:00	186.7	10.36	148.3	3.386	1.99	53.63	56.75	0
2002-11-17 21:00	180.9	11.72	157.9	5.052	1.171	53.33	57.13	0
2002-11-17 22:00	169.7	11.38	148.7	4.614	0.913	51.11	62.66	0
2002-11-17 23:00	180.3	11.68	151.9	4.536	1.123	49.33	67.85	0
2002-11-18 00:00	182.4	11.02	159	4.582	0.802	49.06	67.15	0
2002-11-18 01:00	197.8	10.74	181.2	4.03	0.524	49.68	64.32	0
2002-11-18 02:00	196.6	9.24	164.1	3.26	0.735	48.8	67.12	0
2002-11-18 03:00	178	10.09	151.1	3.791	0.811	47.09	71.8	0
2002-11-18 04:00	182.2	11.38	167.1	5.125	0.436	47.26	70.3	0
2002-11-18 05:00	175.6	11.89	158.6	5.032	0.565	46.9	70.6	0
2002-11-18 06:00	170.3	11.7	146.1	4.561	0.993	45.94	73	0
2002-11-18 07:00	160.8	10.87	140.1	4.329	0.789	45.63	74.9	0
2002-11-18 08:00	146.5	11.76	116	3.212	1.428	43.31	81.7	0
2002-11-18 09:00	145	12.59	126.9	3.891	0.726	45.33	78.3	0
2002-11-18 10:00	149.3	13.85	141.5	6.868	-0.737	51.53	67.37	0
2002-11-18 11:00	154.5	13.08	154.4	8.51	-1.546	57.96	56.11	0
2002-11-18 12:00	173.2	8.98	169.4	6.515	-1.641	62.55	52.12	0
2002-11-18 13:00	181.3	12.96	174.7	8.44	-1.684	65.39	50.7	0
2002-11-18 14:00	187.5	14.73	180.5	9.32	-1.664	67.41	49.69	0
2002-11-18 15:00	186	16.02	177.4	10.4	-1.474	68.61	49.52	0
2002-11-18 16:00	179	16.22	173.1	9.83	-1.135	68.45	51.71	0
2002-11-18 17:00	178.2	15.03	173.8	9.06	-0.946	68.6	52.82	0
2002-11-18 18:00	168.5	11.59	172	6.362	-0.461	66.66	57.65	0
2002-11-18 19:00	152.7	13.43	153.7	7.1	-0.235	64.11	64.31	0
2002-11-18 20:00	151.2	12.72	150.2	6.268	-0.321	62.53	69.05	0
2002-11-18 21:00	162.9	13.89	150.1	7.27	-0.138	61.73	72.1	0
2002-11-18 22:00	175.1	14.73	170.5	8.39	-0.526	62.81	71	0

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2002-11-18 23:00	175.6	15.68	172.9	9.01	-0.547	62.98	70.8	0
2002-11-19 00:00	179.2	13.82	178.2	8.35	-0.59	62.65	72	0
2002-11-19 01:00	184.7	12.01	177.8	6.671	-0.476	62.13	74.7	0
2002-11-19 02:00	192.1	9.74	160.4	4.759	-0.27	61.48	78.8	0
2002-11-19 03:00	198.9	9.16	183	4.538	-0.233	61.35	80.2	0
2002-11-19 04:00	212.3	5.549	180.6	1.857	-0.04	60.35	84.3	0
2002-11-19 05:00	200.7	5.125	118.7	1.458	0.685	59.08	89.8	0
2002-11-19 06:00	197.6	4.626	174.1	1.84	0.08	59.09	90.4	0
2002-11-19 07:00	190.1	4.9	98.5	1.193	1.067	57.75	94.9	0
2002-11-19 08:00	220.6	2.637	51.98	1.362	2.849	55.62	98.9	0
2002-11-19 09:00	273.6	3.31	331.4	0.814	2.739	54.75	99.4	0
2002-11-19 10:00	348.4	4.579	311.2	2.227	-0.422	57.52	96.9	0
2002-11-19 11:00	21.98	4.205	23.67	3.74	-1.06	59.73	86	0
2002-11-19 12:00	53.29	3.721	56.83	3.035	-1.355	62.9	76	0
2002-11-19 13:00	326	4.467	304.4	3.566	-1.46	64.84	70.3	0
2002-11-19 14:00	278.2	4.882	263.3	4.259	-1.428	65.85	68.32	0
2002-11-19 15:00	296.5	4.857	291.4	3.977	-1.317	67.63	61.02	0
2002-11-19 16:00	281.4	5.257	263.5	3.936	-1.476	68.57	54.99	0
2002-11-19 17:00	331.7	3.698	332.5	2.692	-0.939	68.24	53.96	0
2002-11-19 18:00	18.79	1.758	44.73	0.823	1.01	66.26	63.91	0
2002-11-19 19:00	6.479	3.605	41.55	2.438	5.586	61.42	75.3	0
2002-11-19 20:00	9.4	7.32	32.54	3.081	5.645	59.46	77.4	0
2002-11-19 21:00	27.71	8.3	38.52	3.018	2.768	59.08	72.9	0
2002-11-19 22:00	31.79	5.949	75.7	1.076	4.931	54.76	86.1	0
2002-11-19 23:00	52.58	3.637	77.1	0.833	3.967	54.19	84.3	0
2002-11-20 00:00	65.05	4.649	70.1	1.306	4.172	52.72	89.1	0
2002-11-20 01:00	66.36	5.787	58.73	1.415	5.539	51.78	93.2	0
2002-11-20 02:00	50.53	4.817	34.08	1.138	5.826	50.38	97.4	0
2002-11-20 03:00	4.825	2.274	189	1.241	3.465	50.05	98.8	0
2002-11-20 04:00	93.8	4.048	58.46	1.509	4.023	50.57	97.7	0
2002-11-20 05:00	19.53	2.86	308.4	1.094	0.943	51.31	98.5	0
2002-11-20 06:00	27.07	5.021	22.92	2.918	-0.557	51.15	99.3	0
2002-11-20 07:00	102.7	3.538	90.5	0.991	-0.407	51.73	99.4	0
2002-11-20 08:00	77.3	2.399	28.07	1.078	-0.682	52.15	99.5	0
2002-11-20 09:00	39.4	1.271	337.1	1.298	-0.75	52.02	99.5	0.01
2002-11-20 10:00	299.9	1.574	260.9	1.549	-0.917	52.3	99.5	0
2002-11-20 11:00	293.9	2.201	268.3	2.138	-1.06	52.75	99.5	0
2002-11-20 12:00	319.3	4.297	294.8	3.761	-1.491	56.59	99.3	0
2002-11-20 13:00	342.1	5.651	342.7	4.863	NaN	62.37	62.28	0
2002-11-20 14:00	351.1	7.27	352.1	5.972	-1.428	64.4	49.12	0
2002-11-20 15:00	348.8	6.536	350.6	5.241	-1.176	65.31	44.78	0
2002-11-20 16:00	353.4	6.379	347.5	5.039	-1.2	65.76	39.44	0
2002-11-20 17:00	347.2	5.391	343.7	3.929	-0.99	65.67	39.14	0
2002-11-20 18:00	3.188	5.847	15.17	3.003	0.772	63.25	48.32	0
2002-11-20 19:00	351.8	8.14	7.37	3.151	1.682	61.3	50.61	0
2002-11-20 20:00	348.1	7.07	2.942	2.192	1.655	59.17	54.69	0
2002-11-20 21:00	340.3	6.196	29.97	1.693	5.538	54.7	67.29	0
2002-11-20 22:00	311.1	4.362	38.03	0.987	6.46	52.78	71.3	0
2002-11-20 23:00	309	3.821	57.92	1.072	6.931	51.08	79.9	0
2002-11-21 00:00	312	3.233	57.04	1.038	8.3	49.61	81.9	0
2002-11-21 01:00	300.7	2.988	47	1.119	8.94	47.88	83.6	0
2002-11-21 02:00	255.2	5.877	132.2	0.515	4.75	47.82	88.7	0
2002-11-21 03:00	246.7	3.91	93.1	0.691	3.533	47.19	91.5	0
2002-11-21 04:00	234.8	5.063	81.4	0.9	3.296	47.03	92.6	0
2002-11-21 05:00	248.9	4.577	52.93	1.169	4.412	46.34	91.4	0
2002-11-21 06:00	255.8	6.601	273.5	0.615	3.095	46.45	88.5	0

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2002-11-21 07:00	272.7	5.735	29.92	0.736	2.559	45.6	93.5	0
2002-11-21 08:00	288.4	6.207	310.8	1.014	2.626	44.99	98	0
2002-11-21 09:00	297.5	4.377	245	0.996	1.605	45.75	96.4	0
2002-11-21 10:00	271.7	3.132	219.6	2.608	-1.055	49.27	86.1	0
2002-11-21 11:00	285.6	3.632	270.3	3.136	-1.358	53.24	70.7	0
2002-11-21 12:00	273.4	4.008	246.6	3.227	-1.462	57.24	57.23	0
2002-11-21 13:00	275.5	4.532	260.4	3.484	-1.493	61.01	50.38	0
2002-11-21 14:00	277.9	6.81	259.5	5.073	-1.591	64.19	41.23	0
2002-11-21 15:00	285.5	6.68	267.2	4.769	-1.559	66.02	37.12	0
2002-11-21 16:00	302.5	8.74	290.4	5.122	-1.456	67.18	32.13	0
2002-11-21 17:00	300.1	9.13	287.8	4.616	-1.093	66.76	32.84	0
2002-11-21 18:00	281.6	7.59	252.9	2.818	0.232	64.6	39.05	0
2002-11-21 19:00	259.3	7.97	34.7	1.594	4.103	59.27	52.31	0
2002-11-21 20:00	263.3	8.1	64.61	0.792	4.84	57.12	57.56	0
2002-11-21 21:00	240.2	10.07	223.4	1.287	3.655	56.13	58.81	0
2002-11-21 22:00	237.1	11.1	251.3	2.489	2.168	55.5	62.29	0
2002-11-21 23:00	241.2	9.41	250.1	1.697	2.166	54.71	67.2	0
2002-11-22 00:00	245.6	8.89	259.7	1.488	1.615	54.45	68.03	0
2002-11-22 01:00	268.7	9.1	263.1	2.649	1.467	53.99	68.69	0
2002-11-22 02:00	4.987	11.65	5.412	6.708	-0.07	54.41	63.53	0
2002-11-22 03:00	23.6	14.51	17.26	10.02	-0.533	52.74	54.88	0
2002-11-22 04:00	21.11	10.04	14.88	6.197	-0.488	50.57	55.47	0
2002-11-22 05:00	7.26	8.91	4.465	4.647	-0.383	48.92	58.76	0
2002-11-22 06:00	14.73	8.45	16.68	4.771	-0.354	47.46	61.89	0
2002-11-22 07:00	3.656	7.13	14.25	2.795	0.313	45.65	67.57	0
2002-11-22 08:00	0.259	8.91	351.4	4.084	-0.104	44.63	70.9	0
2002-11-22 09:00	9.41	8.8	1.755	5.459	-0.724	44.57	70.2	0
2002-11-22 10:00	21.93	11.6	18.7	9.32	-1.175	46.2	64.42	0
2002-11-22 11:00	21.86	12.88	17.48	10.65	-1.396	47.15	57.2	0
2002-11-22 12:00	354.9	11.77	353	8.41	-1.709	48.79	51.93	0
2002-11-22 13:00	351	12.39	350.8	9	-1.715	49.53	47.8	0
2002-11-22 14:00	340.6	10.82	340.4	7.66	-1.756	50.47	47.39	0
2002-11-22 15:00	332.7	9.25	332.5	6.687	-1.665	51.2	45.42	0
2002-11-22 16:00	327.4	9.72	330.7	6.59	-1.586	51.65	43.49	0
2002-11-22 17:00	340.5	9.97	342.6	6.493	-1.201	51.38	41.49	0
2002-11-22 18:00	345.4	7.82	345	4.176	-0.682	50.51	44.81	0
2002-11-22 19:00	351.1	5.084	33.53	1.586	1.871	47.13	55.03	0
2002-11-22 20:00	335.7	5.485	56.46	1.314	4.486	43.8	67.21	0
2002-11-22 21:00	4.631	6.169	66.37	1.235	5.535	42.33	75.3	0
2002-11-22 22:00	23.47	2.597	82.4	1.269	6.066	40.37	80.5	0
2002-11-22 23:00	52.09	7.32	71.2	1.835	8.1	39.08	83.5	0
2002-11-23 00:00	81.4	6.893	106.4	2.175	8.28	37.51	89	0
2002-11-23 01:00	106.6	9.25	120.1	3.422	7.09	36.97	90.9	0
2002-11-23 02:00	112.8	9.68	118.6	3.657	5.583	37.2	87.6	0
2002-11-23 03:00	113.4	9.73	118.8	3.183	6.311	35.63	91.5	0
2002-11-23 04:00	117	10.02	117.2	3.331	6.672	34.71	92.4	0
2002-11-23 05:00	140.8	11.15	114.7	3.311	7.2	33.9	92.8	0
2002-11-23 06:00	153.5	10.98	103.8	2.28	6.915	33.87	91.1	0
2002-11-23 07:00	144.3	12.34	98.2	2.276	7.18	34.54	86.8	0
2002-11-23 08:00	146.6	12.02	115.2	2.84	6.446	34.28	85.9	0
2002-11-23 09:00	150.4	10.72	108.3	2.808	4.097	35.83	82	0
2002-11-23 10:00	150.2	9.63	115.1	3.565	0.303	41.57	70.5	0
2002-11-23 11:00	149	6.345	145.1	4.423	-1.5	47.26	61.55	0
2002-11-23 12:00	157.3	4.881	159.5	3.993	-1.563	52.06	46.74	0
2002-11-23 13:00	174.5	3.966	176	3.566	-1.459	54.54	43.19	0
2002-11-23 14:00	262.7	2.917	263	2.91	-1.452	56.85	40.45	0

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2002-11-23 15:00	269.7	5.283	265.7	4.45	-1.468	58.38	38.22	0
2002-11-23 16:00	281	5.118	278	3.965	-1.499	59.39	36.63	0
2002-11-23 17:00	278.7	3.971	269.3	3.038	-1.138	59.81	35.41	0
2002-11-23 18:00	305.6	1.713	349.2	1.229	0.496	58.12	42.57	0
2002-11-23 19:00	279.6	2.612	51.71	1.57	5.988	52.25	57.12	0
2002-11-23 20:00	206.4	1.956	73.6	1.251	8.25	49.35	61.91	0
2002-11-23 21:00	158.9	4.295	84.3	1.377	9.47	47.2	70.8	0
2002-11-23 22:00	167.9	7.71	102.1	1.888	10.13	45.13	77.9	0
2002-11-23 23:00	166.8	9.53	105	2.71	8.68	44.91	77.4	0
2002-11-24 00:00	168.5	10.35	103.2	2.612	7.85	43.47	81.1	0
2002-11-24 01:00	167.9	10.19	105.1	2.693	7.47	42.84	80.6	0
2002-11-24 02:00	171.1	11.25	101.9	2.239	7.22	42.17	80.6	0
2002-11-24 03:00	170.4	11.44	126.1	3.272	4.687	42.39	77.4	0
2002-11-24 04:00	178.6	10.07	131.9	2.552	3.85	42.33	77.1	0
2002-11-24 05:00	163.5	8.78	90	2.287	5.205	40.06	83.4	0
2002-11-24 06:00	170.3	8.66	89.7	1.764	6.351	38.82	87.8	0
2002-11-24 07:00	168.5	9.06	88.9	1.981	8.33	37.66	91.3	0
2002-11-24 08:00	156.1	9.54	96.7	2.513	7.5	37.54	92.1	0
2002-11-24 09:00	150.6	11.68	108.8	4.497	5.762	39.41	88	0
2002-11-24 10:00	142.6	10.92	121	5.006	0.833	44.1	79.1	0
2002-11-24 11:00	141.7	7.36	134.7	4.079	-1.315	51.4	68.83	0
2002-11-24 12:00	160.3	5.92	151.8	4.65	-1.659	57.99	57.54	0
2002-11-24 13:00	177.8	5.737	172.9	4.731	-1.684	61.8	48.49	0
2002-11-24 14:00	231.8	4.737	237	3.879	-1.418	64.07	46.04	0
2002-11-24 15:00	259.3	6.716	260.7	5.079	-1.63	65.51	51.28	0
2002-11-24 16:00	240.6	7.71	235.7	5.447	-1.415	65.94	55.93	0
2002-11-24 17:00	249.9	6.526	243.6	4.172	-1.19	66.05	56.98	0
2002-11-24 18:00	239.1	4.736	254.1	1.932	-0.182	64.61	61.26	0
2002-11-24 19:00	163.5	2.508	54.27	1.857	3.996	60.13	73.8	0
2002-11-24 20:00	149.8	5.505	100.7	1.853	3.863	59.84	74.1	0
2002-11-24 21:00	146.4	7.8	97.6	2.804	1.718	59.95	72	0
2002-11-24 22:00	143.9	10.48	96.6	3.427	2.487	57.03	80.2	0
2002-11-24 23:00	140.8	11.25	102.2	3.348	1.59	55.55	84	0
2002-11-25 00:00	152.3	10.01	105.7	3.007	1.367	55.04	84.2	0
2002-11-25 01:00	149.1	10.41	100.6	2.885	1.173	54.53	83.8	0
2002-11-25 02:00	133	9.29	78.3	2.446	0.873	53.62	86.2	0
2002-11-25 03:00	131	9.65	105	2.501	0.667	52.8	88.2	0
2002-11-25 04:00	126.2	11	93.2	3.108	0.648	52.29	89.6	0
2002-11-25 05:00	127.8	11.14	106.3	3.088	0.481	51.91	90.4	0
2002-11-25 06:00	123	9.17	84.8	2.403	0.184	50.78	93.1	0
2002-11-25 07:00	117.7	8.28	84	2.125	0.466	50.06	94.6	0
2002-11-25 08:00	124.1	12.18	102.6	3.334	1.608	49.17	96.4	0
2002-11-25 09:00	119.7	13.36	96.3	3.818	1.036	50.18	94.3	0
2002-11-25 10:00	120.3	9.99	111.3	4.046	-0.764	53.97	86.1	0
2002-11-25 11:00	121.9	5.233	119.5	2.723	-1.02	58.53	79.2	0
2002-11-25 12:00	246.3	2.167	287.5	2.833	-0.686	61.91	75.4	0
2002-11-25 13:00	303.8	3.559	335	2.532	-0.581	64.3	72.7	0
2002-11-25 14:00	311.2	4.765	318.6	3.915	-1.161	67.52	66.22	0
2002-11-25 15:00	278.8	4.9	272.2	3.941	-1.349	69.26	58.62	0
2002-11-25 16:00	341.8	9.43	339.1	6.882	-1.417	67.24	63.64	0
2002-11-25 17:00	3.245	9.6	359.1	7.46	-1.063	65.04	65.81	0
2002-11-25 18:00	18.94	8.69	13.44	6.057	-0.756	61.95	68.73	0
2002-11-25 19:00	1.423	8.27	355	4.734	-0.669	57.88	73.3	0
2002-11-25 20:00	9.34	6.228	354.7	3.577	-0.709	54.71	75.3	0
2002-11-25 21:00	1.799	6.443	347.1	3.73	-0.813	53.24	74.9	0
2002-11-25 22:00	12.67	5.54	4.009	3.412	-0.897	52.26	74.8	0

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2002-11-25 23:00	350.8	5.806	348.5	3.429	-0.916	51.63	74.3	0
2002-11-26 00:00	2.007	5.608	356.2	3.747	-0.927	50.47	74.2	0
2002-11-26 01:00	13.19	5.391	9.86	3.035	-0.719	48.61	76.6	0
2002-11-26 02:00	2.962	7.12	4.1	4.281	-0.818	47.35	79.4	0
2002-11-26 03:00	16.73	6.254	12.8	4.485	-0.993	46.2	81.9	0
2002-11-26 04:00	5.475	5.579	355	3.259	-0.874	44.73	85.4	0
2002-11-26 05:00	7.5	6.951	2.775	5.022	-1.098	44.19	87.1	0
2002-11-26 06:00	13.84	4.247	10.94	3.502	-1.101	44.19	87.3	0
2002-11-26 07:00	350.5	5.811	349.6	3.724	-1.122	44.49	88	0
2002-11-26 08:00	347.2	8.68	346.6	5.477	-1.09	43.65	92.4	0
2002-11-26 09:00	359.1	6.687	354.9	4.362	-1.131	42.7	97.9	0
2002-11-26 10:00	347.1	5.083	349.7	3.474	-1.122	42.86	99.1	0
2002-11-26 11:00	13.99	4.658	5.309	3.311	-1.123	43.17	99.3	0.01
2002-11-26 12:00	333.2	6.722	334.1	4.22	-1.2	43.57	99.3	0
2002-11-26 13:00	327	5.899	333.1	3.487	-1.482	43.73	99.3	0.01
2002-11-26 14:00	343.6	4.51	336.3	3.297	-1.468	43.67	98.1	0
2002-11-26 15:00	354.8	3.288	340.6	2.412	-1.229	43.64	95.3	0.01
2002-11-26 16:00	0.024	4.793	353	2.998	-1.201	43.7	97.1	0.05
2002-11-26 17:00	3.682	6.304	5.636	4.1	-1.166	43.89	96.4	0
2002-11-26 18:00	1.061	7.17	356.3	5.042	-1.12	43.67	96	0
2002-11-26 19:00	0.606	7.47	357.2	5.012	-1.047	43.58	95.4	0
2002-11-26 20:00	359.2	8.59	358.4	5.393	-1.054	43.58	95.6	0
2002-11-26 21:00	358.5	7.79	356.9	5.226	-1.083	43.45	95.5	0
2002-11-26 22:00	7.1	7.39	7.69	5.26	-1.057	43.32	93.8	0
2002-11-26 23:00	8.24	4.872	359.8	3.149	-1.065	43.13	93.6	0
2002-11-27 00:00	4.287	6.927	356.9	4.132	-1.007	42.55	93.4	0.05
2002-11-27 01:00	4.432	6.057	357.7	3.548	-1.002	41.96	94.4	0
2002-11-27 02:00	11.6	5.712	1.108	3.535	-1.003	41.76	93.4	0
2002-11-27 03:00	25.35	6.13	19.08	4.064	-0.991	41.54	90	0
2002-11-27 04:00	353.2	7.3	346.6	4.419	-0.963	41.34	90.9	0
2002-11-27 05:00	5.755	6.684	356.4	4.184	-0.989	40.86	90.7	0
2002-11-27 06:00	355.4	8.87	353.9	5.447	-0.987	40.72	90.4	0
2002-11-27 07:00	7.49	8.97	3.052	5.855	-1.015	40.42	90.5	0.01
2002-11-27 08:00	13.22	7.59	5.399	4.973	-0.991	39.94	89.9	0
2002-11-27 09:00	23.19	7.85	13.92	5.847	-1.091	40.09	85.7	0
2002-11-27 10:00	30.24	9.15	25.16	7.31	-1.229	40.38	78.4	0
2002-11-27 11:00	26.65	11.22	19.38	9	-1.329	41.26	71	0
2002-11-27 12:00	24.46	10.43	18.25	8.27	-1.464	42.71	65.77	0
2002-11-27 13:00	16.64	9.71	16.02	7.86	-1.542	44.56	61.01	0
2002-11-27 14:00	11.43	9.93	7.65	7.93	-1.618	46.03	57.22	0
2002-11-27 15:00	358.8	9.31	359.1	7.29	-1.656	47.34	54.36	0
2002-11-27 16:00	7.88	10.24	4.191	7.86	-1.352	47.11	52.33	0
2002-11-27 17:00	18.59	8.91	15.01	6.601	-1.078	46.32	52.91	0
2002-11-27 18:00	359.7	10.68	357.1	7.37	-0.882	44.86	57.25	0
2002-11-27 19:00	5.444	9.14	1.612	5.661	-0.668	42.55	62.96	0
2002-11-27 20:00	10.75	9.68	6.119	6.012	-0.708	41	66.38	0
2002-11-27 21:00	23.32	7.09	21.91	3.51	-0.258	39.15	71.7	0
2002-11-27 22:00	18.38	7.14	27.46	2.873	0.689	37.71	77.3	0
2002-11-27 23:00	22.82	8.55	23.53	4.174	-0.062	37.43	77.2	0
2002-11-28 00:00	32.76	9.38	26.76	4.862	-0.093	36.87	77.2	0
2002-11-28 01:00	38.93	7.08	36.14	2.294	0.314	35.69	78.8	0
2002-11-28 02:00	33.08	7.84	26.25	2.694	1.14	34.65	80.2	0
2002-11-28 03:00	26.84	7.54	28.55	2.979	0.861	34.62	77.5	0
2002-11-28 04:00	25.73	7.5	21.82	3.077	0.721	34.08	78.9	0
2002-11-28 05:00	25.09	6.663	29.32	1.807	1.221	32.64	85.4	0
2002-11-28 06:00	17.18	7.45	19.54	3.168	0.507	32.96	84.7	0

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2002-11-28 07:00	8.02	7.12	27.99	3.017	0.566	32.33	88.7	0
2002-11-28 08:00	24.19	5.687	61.41	1.437	1.112	31.22	92.6	0
2002-11-28 09:00	55.46	6.582	42.45	1.668	1.6	31.61	90.2	0
2002-11-28 10:00	58.3	3.567	42.81	2.702	-0.951	36.53	72.5	0
2002-11-28 11:00	29.44	4.222	22.29	3.56	-1.372	40.82	60.67	0
2002-11-28 12:00	341.5	5.434	327	4.393	-1.606	43.69	51.79	0
2002-11-28 13:00	324.2	6.652	324.6	5.137	-1.542	45.71	45.97	0
2002-11-28 14:00	324.5	6.752	321.1	5.557	-1.479	47.19	43.47	0
2002-11-28 15:00	333.2	6.186	332.3	5.263	-1.545	48.57	41.56	0
2002-11-28 16:00	334.6	5.397	335.8	4.205	-1.393	49.3	40.65	0
2002-11-28 17:00	342.5	6.199	348.1	4.899	-1.164	49.63	39.19	0
2002-11-28 18:00	325.7	2.953	346.3	1.901	-0.285	48.72	44.56	0
2002-11-28 19:00	356.6	2.642	53.37	1.875	3.963	44.15	57.33	0
2002-11-28 20:00	70.6	2.626	73.9	1.45	6.299	41.23	65.63	0
2002-11-28 21:00	209.8	3.7	76.5	1.389	6.917	39.9	68.71	0
2002-11-28 22:00	225.5	5.203	52.79	1.718	5.671	38.92	72.9	0
2002-11-28 23:00	223.9	4.966	60.2	1.619	7.37	37.48	76.6	0
2002-11-29 00:00	201.4	3.98	78.7	1.667	9.43	35.75	82.6	0
2002-11-29 01:00	220.5	4.424	97.5	1.796	10.1	34.05	88.5	0
2002-11-29 02:00	209.1	7.84	92.2	1.894	10.21	33.42	90.8	0
2002-11-29 03:00	213.1	7.1	58.56	1.598	9.27	33.82	87.8	0
2002-11-29 04:00	210.7	6.657	73.6	1.421	6.99	34.21	86.2	0
2002-11-29 05:00	198.4	8.76	113	2.425	6.14	35.36	78.1	0
2002-11-29 06:00	201.2	8.01	94.1	1.918	8.77	33.48	83.8	0
2002-11-29 07:00	201.6	8.99	104.2	2.215	9.25	32.77	85.8	0
2002-11-29 08:00	199.2	8.92	113.3	2.421	6.318	33.93	82	0
2002-11-29 09:00	208.5	8.76	164.4	2.651	2.394	36.99	73.1	0
2002-11-29 10:00	219.3	8.19	209.1	4.438	-0.712	41.57	66.57	0
2002-11-29 11:00	236.4	9.11	228.8	6.449	-1.434	47.38	58.74	0
2002-11-29 12:00	240.3	11.93	238.8	7.79	-1.812	50.58	53.5	0
2002-11-29 13:00	243.3	9.63	238	7.3	-1.814	53.7	45.79	0
2002-11-29 14:00	243.1	11.91	241.9	7.92	-1.67	55.92	40.25	0
2002-11-29 15:00	244.5	11.88	244.9	7.97	-1.761	58.09	37.03	0
2002-11-29 16:00	236.9	13.26	234.3	8.29	-1.522	58.96	35.75	0
2002-11-29 17:00	233.7	11.84	228.8	6.843	-1.142	59.02	35.22	0
2002-11-29 18:00	221.7	9.17	219.5	5.594	-0.53	58.43	36.01	0
2002-11-29 19:00	206.4	8.8	187.7	3.16	0.217	56.61	38.12	0
2002-11-29 20:00	201.5	9.55	194.2	4.103	-0.08	56.21	39.07	0
2002-11-29 21:00	209.9	9.09	207.4	4.313	-0.16	55.35	41.34	0
2002-11-29 22:00	218.6	10.98	212.9	6.848	-0.452	55.85	42.94	0
2002-11-29 23:00	221.7	11.12	221	6.615	-0.496	55.45	47.46	0
2002-11-30 00:00	228.9	12.72	224.9	6.911	-0.213	53.52	60.81	0.01
2002-11-30 01:00	230.2	11.84	224.3	5.984	-0.152	50.61	77.3	0.06
2002-11-30 02:00	224.4	11.38	215.1	5.942	-0.405	48.69	89.6	0.09
2002-11-30 03:00	229.9	12.12	227.3	6.458	-0.651	48.29	93.4	0.1
2002-11-30 04:00	243.7	10.4	240.9	5.3	-0.794	48.39	98.1	0.11
2002-11-30 05:00	253.1	9.04	246.1	4.423	-0.836	48.86	99.3	0.11
2002-11-30 06:00	249.3	8.03	242.2	3.437	-0.776	49.25	99.4	0.06
2002-11-30 07:00	231.3	9.4	228	4.852	-0.795	49.77	99.4	0.01
2002-11-30 08:00	241.4	9.77	237.6	4.606	-0.843	50.36	99.4	0
2002-11-30 09:00	247.6	9.87	241.5	4.696	-0.873	50.74	99.2	0
2002-11-30 10:00	249.2	8.58	245.7	4.015	-0.955	51.15	98.1	0
2002-11-30 11:00	257.5	7.06	247	4.388	-1.326	52.8	92.1	0
2002-11-30 12:00	286.3	8.73	265.3	5.94	-1.488	55.47	76.6	0.01
2002-11-30 13:00	288.3	6.81	265.9	4.888	-1.606	57.4	68.49	0
2002-11-30 14:00	304.4	5.122	290.5	4.036	-1.412	59.6	61.26	0

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2002-11-30 15:00	309.5	6.285	302.6	4.751	-1.475	61.96	50.87	0
2002-11-30 16:00	337.6	11.68	340.4	7.54	-1.161	63.11	36.63	0
2002-11-30 17:00	345	11.05	345.9	6.818	-0.921	63.24	32.16	0
2002-11-30 18:00	350.9	10.12	353	5.603	-0.288	60.98	34.3	0
2002-11-30 19:00	11.24	11.18	8.83	6.453	-0.019	57.75	37.89	0
2002-11-30 20:00	16.92	11.17	12.12	6.807	-0.235	54.32	32.78	0
2002-11-30 21:00	20.62	9.49	17.16	4.727	0.215	51.45	35.47	0
2002-11-30 22:00	15.65	8.85	10.72	4.017	0.474	49.54	41.24	0
2002-11-30 23:00	4.966	8	9.79	2.714	2.164	46.99	48.85	0
2002-12-01 00:00	12.75	9.87	16.68	4.109	1.179	46.81	46.68	0
2002-12-01 01:00	14.78	8.92	12.41	3.822	0.562	45.14	49.2	0
2002-12-01 02:00	13.86	7.72	27.45	2.662	1.28	42.86	56.73	0
2002-12-01 03:00	19.59	9.49	26.1	4.523	0.683	41.73	57.81	0
2002-12-01 04:00	30.45	12.56	21.69	7.83	-0.276	41.17	48.27	0
2002-12-01 05:00	25.48	10.49	19.4	6.784	-0.523	40.23	43.33	0
2002-12-01 06:00	24.19	8.26	23.25	4.175	-0.335	38.42	47.13	0
2002-12-01 07:00	32.63	7.6	27.34	3.735	-0.216	36.96	50.58	0
2002-12-01 08:00	43.95	5.578	49.54	1.73	0.362	35.34	54.41	0
2002-12-01 09:00	30.17	5.434	26.23	2.38	0.221	35.26	53.33	0
2002-12-01 10:00	48.04	8.96	35.73	6.56	-1.11	37.89	42.39	0
2002-12-01 11:00	59.74	8.23	46.06	6.327	-1.468	40.42	37.87	0
2002-12-01 12:00	64.33	6.544	46.14	5.397	-1.445	43.55	32.57	0
2002-12-01 13:00	49.9	7.18	38.96	5.992	-1.548	46.26	28.57	0
2002-12-01 14:00	16.54	6.416	11.04	5.242	-1.553	48.5	26.9	0
2002-12-01 15:00	301.3	6.407	284	5.04	-1.688	49.95	27.57	0
2002-12-01 16:00	305.1	5.27	294.4	4.206	-1.454	50.85	24.74	0
2002-12-01 17:00	339	4.418	337.7	3.653	-1.152	50.96	25.03	0
2002-12-01 18:00	320.9	3.636	327.2	1.951	-0.394	49.79	29.81	0
2002-12-01 19:00	264.7	3.757	55.43	1.522	2.744	45.14	46.14	0
2002-12-01 20:00	278.1	3.756	65.61	1.315	4.252	42.94	53.41	0
2002-12-01 21:00	187.7	1.69	92.4	1.675	5.503	40.91	61.91	0
2002-12-01 22:00	185.1	2.495	79.6	1.577	5.755	40.28	64.87	0
2002-12-01 23:00	183.5	2.408	90.6	1.549	6.056	39.43	72.2	0
2002-12-02 00:00	160.4	4.026	96.8	1.515	7.7	37.61	75.7	0
2002-12-02 01:00	163.7	6.743	98.3	1.99	10.02	36.42	80.8	0
2002-12-02 02:00	161.9	8.7	96.1	1.813	9.01	35.69	82.9	0
2002-12-02 03:00	171	9.68	98.9	2.302	8.81	35.21	83.7	0
2002-12-02 04:00	164.1	8.16	88.6	2.116	7.94	35.3	80.9	0
2002-12-02 05:00	163.3	10.45	99.8	2.395	6.028	35.03	81.5	0
2002-12-02 06:00	167.4	12.26	114.5	3.214	6.118	35.83	78	0
2002-12-02 07:00	158.9	12.33	115.2	3.839	5.249	36.55	74.4	0
2002-12-02 08:00	161.8	10.88	128.6	3.774	3.892	36.79	73.3	0
2002-12-02 09:00	166.1	10.63	140.9	4.169	2.041	38.77	68.44	0
2002-12-02 10:00	185.8	7.07	167.3	3.87	-0.473	44.41	63.88	0
2002-12-02 11:00	186.7	8.32	188.2	5.856	-1.459	51.78	49.39	0
2002-12-02 12:00	200.9	10.38	200.7	7.49	-1.678	56.58	31.68	0
2002-12-02 13:00	208.7	10.67	204.9	7.37	-1.827	60.5	31.87	0
2002-12-02 14:00	237.4	11.81	235.6	7.66	-1.839	62.84	34.65	0
2002-12-02 15:00	241.1	12.12	243	7.9	-1.661	63.83	37.76	0
2002-12-02 16:00	245.2	10.43	243.2	6.809	-1.501	64.59	38.66	0
2002-12-02 17:00	223	9.89	219.1	6.615	-1.334	65.53	39.62	0
2002-12-02 18:00	213.5	9.05	203.8	5.064	-0.533	64.32	48.95	0
2002-12-02 19:00	190.2	10.34	176	4.056	0.214	62.66	53.84	0
2002-12-02 20:00	183.5	13.5	174.8	6.009	0.18	61.79	56.18	0
2002-12-02 21:00	190.7	10.78	170.8	4.594	0.143	60.67	61.62	0
2002-12-02 22:00	198	9.8	180.1	3.722	0.316	59.86	67.44	0

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2002-12-02 23:00	196.7	10.33	173.6	3.966	0.469	59.37	71.8	0
2002-12-03 00:00	188	9.85	162	3.862	0.556	58.4	75.9	0
2002-12-03 01:00	197.2	9.36	152.6	3.089	1.143	57.17	80	0
2002-12-03 02:00	194.1	7.88	133.4	2.661	1.682	55.69	84.4	0
2002-12-03 03:00	185.5	6.045	104.3	2.141	2.193	54.78	86.5	0
2002-12-03 04:00	165.5	4.97	78.6	1.553	3.673	52.93	90.2	0
2002-12-03 05:00	174.1	5.175	90.7	1.476	4.267	52.25	92.7	0
2002-12-03 06:00	155	6.554	98.1	2.587	3.941	51.54	94.6	0
2002-12-03 07:00	149.3	8.74	105.7	3.574	4.464	50.89	94.9	0
2002-12-03 08:00	144.6	7.82	101.1	2.508	4.954	51.03	95.1	0
2002-12-03 09:00	132.8	7.82	80.1	2.616	3.324	52.3	93.3	0
2002-12-03 10:00	108.9	5.109	79.8	3.306	-0.268	57.13	82.8	0
2002-12-03 11:00	94.4	3.042	83.4	2.768	-1.16	60.99	77.2	0
2002-12-03 12:00	41.36	8.65	28.91	7.02	-1.338	63.89	75.1	0
2002-12-03 13:00	61.01	7.69	41.49	6.429	-1.188	64.48	73.3	0
2002-12-03 14:00	83.4	6.003	58.31	4.292	-1.114	65.77	70.1	0
2002-12-03 15:00	107.5	6.866	82.3	4.297	-1.059	66.23	68.86	0
2002-12-03 16:00	100.1	5.214	54.91	2.164	-0.076	63.78	83.9	0.01
2002-12-03 17:00	50.85	5.947	17.79	2.52	0.471	62.3	89.5	0.04
2002-12-03 18:00	357.7	14.46	354.4	9.25	-0.752	56.53	94.8	0.11
2002-12-03 19:00	31.42	12.16	24.82	8.5	-0.877	52.3	94.4	0.02
2002-12-03 20:00	59.39	9.15	49.8	4.855	-0.732	52.33	95.6	0.06
2002-12-03 21:00	92	10.48	74.2	4.431	-0.703	53.51	97.6	0.02
2002-12-03 22:00	68.86	6.296	33.56	3.22	-0.605	54.37	98.4	0
2002-12-03 23:00	78.3	5.229	59.95	2.323	-0.769	54.01	99.4	0
2002-12-04 00:00	108.4	8.54	89	3.359	-0.468	54.92	99.5	0.02
2002-12-04 01:00	135	9.67	123.5	4.05	-0.457	57.31	98.8	0
2002-12-04 02:00	131.3	12.19	133.1	5.24	-0.572	58.11	95.9	0
2002-12-04 03:00	122	14.15	123.9	5.344	-0.666	57.68	97.2	0.01
2002-12-04 04:00	125.8	12.01	124.6	5.113	-0.626	57.98	95.3	0
2002-12-04 05:00	127.9	13.2	127.8	5.422	-0.414	58.19	94.7	0
2002-12-04 06:00	140.7	16.51	133.8	7.86	-0.327	59.48	91.1	0
2002-12-04 07:00	144.3	20.73	139.3	10.98	-0.445	60.69	87.2	0
2002-12-04 08:00	149.7	20.21	145.7	11.9	-0.589	62.04	83	0
2002-12-04 09:00	318.1	12.91	353.9	7.46	-0.696	60.38	87.5	0.2
2002-12-04 10:00	228.8	8.53	182.7	4.504	-0.219	58.29	99.1	0.87
2002-12-04 11:00	154.8	9.2	134	4.774	-0.078	59.41	99.6	0.33
2002-12-04 12:00	171.8	5.976	135.9	3.229	-0.448	59.73	99.6	0.31
2002-12-04 13:00	143.3	7.02	126.3	3.679	-0.782	60.24	99.6	0.13
2002-12-04 14:00	160.4	5.658	130.2	3.029	-0.735	60.44	99.6	0.08
2002-12-04 15:00	237.7	5.746	237.3	3.462	-0.828	60.87	99.6	0.07
2002-12-04 16:00	281.9	9.99	263.1	6.412	-1.06	53.78	99.4	0.05
2002-12-04 17:00	309.9	7.6	298.7	4.557	-1.177	48.47	99.1	0.06
2002-12-04 18:00	285.1	10.07	265.6	5.881	-1.121	47.7	98.6	0.02
2002-12-04 19:00	301.3	11.69	287.5	5.392	-1.117	46.03	97.8	0
2002-12-04 20:00	300.2	10.18	284.8	4.949	-1.057	44.58	96.2	0.01
2002-12-04 21:00	306.5	10.07	291.2	5.126	-1.068	43.33	96.6	0.05
2002-12-04 22:00	308.8	11.66	297.7	5.577	-1.057	42.07	95.2	0.02
2002-12-04 23:00	305.1	11.26	291.7	5.523	-1.059	40.62	93.9	0
2002-12-05 00:00	311	10.15	299.3	5.006	-1.113	39.85	95	0
2002-12-05 01:00	304	10.72	296.2	5.76	-1.158	39.14	94.7	0
2002-12-05 02:00	327.5	11.69	329.7	6.583	-1.094	38.45	92.1	0
2002-12-05 03:00	322.1	10.3	318.5	5.521	-1.114	38.08	92.1	0
2002-12-05 04:00	326.6	11.55	320.8	6.479	-1.06	37.83	87.7	0
2002-12-05 05:00	323.9	10.77	324.1	5.773	-1.075	37.47	88.6	0
2002-12-05 06:00	335.7	11.63	340.2	6.99	-1.126	37.21	90.8	0.01

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2002-12-05 07:00	340.6	12.1	341.5	7.47	-1.128	36.58	87.8	0
2002-12-05 08:00	339.5	12.03	340.1	7.35	-1.124	36.25	89.8	0
2002-12-05 09:00	341.2	14.69	342.5	8.78	-1.123	36	85	0
2002-12-05 10:00	347.9	14.65	352.4	10.05	-1.167	35.06	84.3	0
2002-12-05 11:00	345.6	11.35	348.4	7.39	-1.24	35.36	83.3	0
2002-12-05 12:00	347.5	9.96	350	7.2	-1.273	35.37	86.1	0
2002-12-05 13:00	348.4	13.16	350	8.73	-1.281	35.15	88.9	0
2002-12-05 14:00	348.3	14.34	350.2	9.16	-1.295	34.71	91.6	0
2002-12-05 15:00	349.6	12.78	346.7	8.25	-1.264	35.05	89.1	0
2002-12-05 16:00	358.8	11.94	358.2	8.23	-1.233	35.22	87	0
2002-12-05 17:00	350.5	11.32	349.9	7.59	-1.183	35.3	87	0
2002-12-05 18:00	349.4	10.74	348.7	6.99	-1.155	35.2	86.4	0
2002-12-05 19:00	341.1	9.52	340.3	6.33	-1.148	34.68	86.9	0
2002-12-05 20:00	342.2	10.15	341.1	6.506	-1.133	34.59	85.2	0
2002-12-05 21:00	355.7	10.12	355.4	6.377	-0.943	34.09	83.9	0
2002-12-05 22:00	357.3	9.6	358.4	5.903	-0.878	33.12	86.2	0
2002-12-05 23:00	6.75	8.39	2.09	5.242	-0.882	32.37	84.4	0
2002-12-06 00:00	10.84	5.556	25.63	1.891	-0.319	31.16	87.5	0
2002-12-06 01:00	9.82	5.89	25.51	1.496	0.313	30.33	90.6	0
2002-12-06 02:00	354.7	6.619	3.33	1.814	0.179	30.65	89.2	0
2002-12-06 03:00	354.5	7.26	0.04	2.904	-0.051	30.91	88.7	0
2002-12-06 04:00	346.7	6.342	340.9	2.549	-0.304	30.6	93.9	0
2002-12-06 05:00	354.7	7.98	354.5	3.7	-0.497	30.5	92.5	0
2002-12-06 06:00	359.7	7.66	353.5	3.773	-0.659	30.09	93.3	0
2002-12-06 07:00	5.336	6.985	0.173	3.204	-0.643	29.63	94.3	0
2002-12-06 08:00	8.17	6.676	5.08	3.284	-0.656	29.33	91.9	0
2002-12-06 09:00	5.985	4.844	21.33	2.474	-0.729	29.31	91.2	0
2002-12-06 10:00	20.34	4.506	34.81	4.032	-1.064	31.07	87.5	0
2002-12-06 11:00	35	5.841	24.97	5.11	-1.422	33.83	77.2	0
2002-12-06 12:00	31.22	5.524	24.83	4.644	-1.52	36.72	65.87	0
2002-12-06 13:00	335.1	7.08	325.9	5.844	-1.667	38.92	56.76	0
2002-12-06 14:00	324.1	7.26	313	5.823	-1.707	40.55	54.93	0
2002-12-06 15:00	331.7	6.164	331.3	4.788	-1.479	41.91	52.58	0
2002-12-06 16:00	331	5.906	337.3	4.818	-1.395	42.74	52.55	0
2002-12-06 17:00	322.9	5.612	336.8	4.446	-1.232	43.23	52.72	0
2002-12-06 18:00	349.9	5.658	355.7	3.845	-0.827	42.48	56.48	0
2002-12-06 19:00	356.8	7.11	6.582	3.317	0.19	40.51	63.61	0
2002-12-06 20:00	355.2	7.04	18.36	2.964	0.615	38.64	71.6	0
2002-12-06 21:00	6.897	6.64	47.41	2.26	2.449	36.34	77.1	0
2002-12-06 22:00	10.83	6.108	64.48	1.367	4.194	33.97	85	0
2002-12-06 23:00	26.03	6.381	86.6	1.456	4.656	32.96	87.8	0
2002-12-07 00:00	76.5	4.55	85.9	1.52	4.975	31.72	90.7	0
2002-12-07 01:00	85	7.15	61.51	1.889	5.727	30.66	94.2	0
2002-12-07 02:00	93.7	9.41	103.4	2.438	5.138	30.35	93.5	0
2002-12-07 03:00	104.7	9.52	117	3.361	4.923	29.59	94.8	0
2002-12-07 04:00	113.7	10.4	114.4	3.463	4.167	29.71	93.6	0
2002-12-07 05:00	115	10.02	108.7	3.455	3.35	30.12	91.5	0
2002-12-07 06:00	116.3	10.58	106.3	3.595	3.365	30.06	89.9	0
2002-12-07 07:00	120.8	10.68	107.3	3.725	3.914	28.96	92	0
2002-12-07 08:00	120.4	10.76	107.9	3.456	4.128	28.52	92.6	0
2002-12-07 09:00	125.6	10.75	108.9	3.644	3.738	28.62	92.6	0
2002-12-07 10:00	120.9	7.43	124.8	3.563	-0.585	32.53	86	0.01
2002-12-07 11:00	142.9	4.392	151.8	3.674	-1.353	37.6	76.4	0
2002-12-07 12:00	168.6	2.931	200.9	2.874	-1.343	41.91	65.64	0
2002-12-07 13:00	197.7	3.038	169.3	2.735	-1.7	44.95	58.38	0
2002-12-07 14:00	277.1	4.016	257.3	3.473	-1.586	46.75	50.97	0

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2002-12-07 15:00	292.2	5.042	279	4.054	-1.484	48.06	47.05	0
2002-12-07 16:00	289.5	4.068	291.3	3.861	-1.317	48.89	44.5	0
2002-12-07 17:00	329	3.998	327.5	3.312	-1.131	49.62	44.95	0
2002-12-07 18:00	348.8	3.658	17.58	2.067	0.57	47.56	50.26	0
2002-12-07 19:00	353.8	4.028	63.62	1.674	4.09	43.9	59.44	0
2002-12-07 20:00	338.7	4.828	18.21	2.183	3.391	42.99	61.53	0
2002-12-07 21:00	355.8	5.858	25.92	1.973	2.317	42.34	67.82	0
2002-12-07 22:00	21.85	5.303	75.6	2.023	3.042	41.34	69.5	0
2002-12-07 23:00	63.66	4.391	95	2.148	4.669	39.71	76.6	0
2002-12-08 00:00	122.6	8.58	130.2	3.068	3.772	38.5	79.7	0
2002-12-08 01:00	127.9	8.52	100.5	2.454	4.257	39.15	76.7	0
2002-12-08 02:00	151.1	8.47	111.9	3.082	4.314	38.46	78	0
2002-12-08 03:00	182.3	5.307	86.1	1.91	4.848	37.54	83.4	0
2002-12-08 04:00	188.8	4.123	81.2	2.222	4.556	37.49	84.2	0
2002-12-08 05:00	169.9	7.15	95.9	2.52	6.033	36.27	87.6	0
2002-12-08 06:00	159.8	7.84	92.6	3.279	6.927	36.12	88.3	0
2002-12-08 07:00	138	10.6	98.6	4.979	5.692	36.32	86.5	0
2002-12-08 08:00	116.2	9.05	85	3.008	4.353	35.37	90.1	0
2002-12-08 09:00	94.1	6.791	76.1	2.313	4.439	35.84	90.8	0
2002-12-08 10:00	70.8	3.716	246	1.42	0.6	38.43	88.9	0
2002-12-08 11:00	92.1	3.988	108.4	2.668	-0.98	42.87	78.4	0
2002-12-08 12:00	48.8	4.492	42.26	3.99	-1.211	46.77	64.61	0
2002-12-08 13:00	64.07	6.985	48.15	5.691	-1.257	49.59	51.45	0
2002-12-08 14:00	48.63	6.065	34.04	4.835	-1.204	50.58	51.16	0
2002-12-08 15:00	39.65	6.784	30.19	5.947	-1.157	51.05	50.39	0
2002-12-08 16:00	38.69	5.122	31.1	4.29	-1.077	51.48	51.57	0
2002-12-08 17:00	56.21	5.528	43.07	4.153	-1.012	51.7	52.06	0
2002-12-08 18:00	50.31	4.645	44.71	2.59	-0.708	51.25	55.06	0
2002-12-08 19:00	59.02	5.279	40.9	1.998	0.877	49.16	61.92	0
2002-12-08 20:00	58.84	6.33	64.99	2.053	1.444	47.65	63.19	0
2002-12-08 21:00	57.7	8.26	41.25	3.081	1.484	46.5	63.67	0
2002-12-08 22:00	48.71	9.31	37.78	4.026	0.987	45.99	64.1	0
2002-12-08 23:00	44.92	9.21	37.05	4.131	0.68	45.37	64.35	0
2002-12-09 00:00	69.43	8.65	55.79	3.105	0.152	44.89	65.83	0
2002-12-09 01:00	50.63	6.951	29.99	3.304	0.054	43.83	69.87	0
2002-12-09 02:00	47.74	8.5	28.81	4.115	0.118	42.08	74.5	0
2002-12-09 03:00	58.61	9.16	52.77	3.537	0.317	41.11	76.8	0
2002-12-09 04:00	72.1	10.01	53.01	4.384	-0.057	40.74	77	0
2002-12-09 05:00	62.51	10.53	44.35	5.916	-0.543	40.48	76.3	0
2002-12-09 06:00	48.97	8.67	31.84	4.319	-0.202	39	80.1	0
2002-12-09 07:00	37.64	9.75	22.84	4.452	0.437	38.37	82	0
2002-12-09 08:00	24.51	7.43	10.93	3.458	0.058	38.37	80.6	0
2002-12-09 09:00	34.91	9.39	27.81	5.218	-0.415	37.87	83.9	0
2002-12-09 10:00	33.23	6.602	19.27	4.816	-1.118	41.09	74.2	0
2002-12-09 11:00	38.93	7.54	25.53	6.591	-1.266	43.81	67.14	0
2002-12-09 12:00	27.13	5.967	10.9	5.102	-1.376	47.42	57.73	0
2002-12-09 13:00	27	5.58	17.57	4.97	-1.293	49.57	50.26	0
2002-12-09 14:00	50.11	6.813	36.68	5.858	-1.286	51.08	49.57	0
2002-12-09 15:00	19.7	5.754	19.34	5.168	-1.221	52.2	48.58	0
2002-12-09 16:00	343.2	8.11	340.4	5.525	-1.354	52.36	49.16	0
2002-12-09 17:00	354.9	6.889	352.2	4.669	-1.019	51.93	53.16	0
2002-12-09 18:00	353.7	6.985	346	3.948	-0.755	51.2	53.03	0
2002-12-09 19:00	0.663	9.7	1.266	4.893	-0.207	48.83	64.86	0.02
2002-12-09 20:00	12.81	10.79	6.358	6.129	-0.376	46.03	84.1	0.06
2002-12-09 21:00	31.4	8.04	23.85	4.627	-0.597	45.52	89.9	0.09
2002-12-09 22:00	21.94	8.12	7.14	4.894	-0.734	45.24	94.1	0.04

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2002-12-09 23:00	20.63	9.03	10.45	5.644	-0.846	45.07	96.7	0.03
2002-12-10 00:00	26.58	9.57	15.66	6.149	-0.832	45.13	95.7	0
2002-12-10 01:00	42.08	7.55	28.48	4.418	-0.722	45.11	93.4	0.03
2002-12-10 02:00	35.98	5.041	1.396	2.217	-0.664	44.7	95	0.03
2002-12-10 03:00	16.05	5.05	353.7	2.703	-0.812	44.32	96.6	0.03
2002-12-10 04:00	12.02	5.29	349.9	2.971	-0.945	44	98.5	0.09
2002-12-10 05:00	341.6	8.43	339	4.66	-1.029	43.68	99.1	0.01
2002-12-10 06:00	2.335	7.36	357.9	4.555	-1.081	43.52	98.5	0
2002-12-10 07:00	357.1	8.16	349.8	5.473	-1.087	43.16	97.8	0
2002-12-10 08:00	359	7.76	350.3	5.291	-1.099	42.88	98	0
2002-12-10 09:00	358.2	8.77	353.2	5.745	-1.091	42.91	97.1	0
2002-12-10 10:00	6.555	8.04	359.3	5.716	-1.154	43.1	95.6	0
2002-12-10 11:00	7.18	7.67	2.736	5.93	-1.174	43.95	91.3	0
2002-12-10 12:00	1.106	8.46	1.143	6.878	-1.254	45.43	84.5	0
2002-12-10 13:00	352.1	9.69	348.5	6.925	-1.361	46.4	80	0
2002-12-10 14:00	348.7	9.62	347	6.976	-1.412	47.17	76.8	0
2002-12-10 15:00	337.4	10.59	339.4	6.676	-1.296	46.93	77.6	0
2002-12-10 16:00	342	9.31	339.6	6.264	-1.307	47.48	76	0
2002-12-10 17:00	345.4	9.44	343	6.298	-1.163	47.89	73.4	0
2002-12-10 18:00	350.8	8.26	350.9	5.238	-0.94	47.46	73.6	0
2002-12-10 19:00	349.5	6.048	356.4	2.923	-0.58	46.35	77.7	0
2002-12-10 20:00	343.2	6.883	1.943	2.557	-0.158	45.19	83	0
2002-12-10 21:00	346	7.14	353.8	2.826	-0.341	44.32	83.7	0
2002-12-10 22:00	346.2	6.16	351.3	2.582	-0.587	44.4	82.6	0
2002-12-10 23:00	352.1	8.15	356.5	4.361	-0.474	43.29	78.1	0
2002-12-11 00:00	346.3	7.34	346.6	3.558	-0.404	41.57	77.2	0
2002-12-11 01:00	346.8	6.541	345.8	2.586	-0.3	39.76	81.5	0
2002-12-11 02:00	330.7	5.077	294.9	1.506	-0.149	38.34	86.2	0
2002-12-11 03:00	289.4	4.298	110.5	0.993	1.23	36.6	91.2	0
2002-12-11 04:00	268.3	5.112	24.82	0.903	1.695	35.52	94.9	0
2002-12-11 05:00	308	5.663	328.6	1.494	0.423	36.23	94.8	0
2002-12-11 06:00	293.9	3.678	280.3	0.93	0.102	36.04	96.1	0
2002-12-11 07:00	277.2	3.716	229.2	1.258	-0.41	36.2	95.9	0
2002-12-11 08:00	240.5	2.082	62.84	1.502	0.069	35.72	96.4	0
2002-12-11 09:00	296.6	3.36	37.91	1.335	0.726	34.61	98.6	0
2002-12-11 10:00	313.3	3.027	304.6	2.01	-1.122	37.33	94.3	0
2002-12-11 11:00	346.6	3.965	322.5	3.489	-1.412	41.23	81.3	0
2002-12-11 12:00	7.19	4.75	7.85	4.371	-1.499	44.54	73.4	0
2002-12-11 13:00	11.97	6.678	11.05	5.889	-1.472	46.51	66.16	0
2002-12-11 14:00	330.4	6.754	328.4	5.672	-1.594	48.54	63.11	0
2002-12-11 15:00	320.6	5.822	321.8	4.899	-1.438	49.97	59.4	0
2002-12-11 16:00	320	3.893	309.4	2.928	-1.26	50.52	56.32	0.06
2002-12-11 17:00	311.7	2.538	303	2.025	-1.054	50.38	57.87	0
2002-12-11 18:00	349.4	2.264	356.1	1.575	-0.233	49.46	63.24	0
2002-12-11 19:00	87.6	7.05	73.7	2.658	-0.167	47.37	71.6	0
2002-12-11 20:00	97.4	8.96	79.9	3.663	-0.418	44.72	79.7	0
2002-12-11 21:00	108.8	9.75	91.3	3.786	-0.615	42.76	85.9	0
2002-12-11 22:00	113.4	10.59	102.8	3.821	-0.652	41.59	88.4	0
2002-12-11 23:00	122.9	8.76	121.8	2.892	-0.568	40.45	91.1	0
2002-12-12 00:00	115.6	9.75	108.2	2.846	-0.553	39.89	93.1	0
2002-12-12 01:00	120.6	8.44	124.3	2.673	-0.539	39.33	94	0
2002-12-12 02:00	118.6	10.61	122.6	3.841	-0.43	38.51	95.8	0
2002-12-12 03:00	114.1	9.87	122.9	4.475	-0.891	38	96.8	0
2002-12-12 04:00	111.8	7.74	110.9	3.393	-1.053	37.49	98.5	0
2002-12-12 05:00	111.7	8.43	108.7	3.708	-1.026	37.79	99.1	0
2002-12-12 06:00	108.1	6.138	94.5	2.606	-1.045	38.17	99.1	0

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2002-12-12 07:00	104.7	6.221	85.6	2.875	-1.143	38.87	99.2	0
2002-12-12 08:00	91.6	6.814	63.06	3.238	-1.235	39.64	98.7	0
2002-12-12 09:00	93.3	7.98	70.7	4.111	-1.213	40.4	95.4	0
2002-12-12 10:00	100.4	9.39	82.2	5.038	-1.25	41.46	91.3	0
2002-12-12 11:00	105.2	10.99	93.3	5.495	-1.369	44.07	84.3	0
2002-12-12 12:00	110.6	6.097	107.3	3.702	-1.291	46.61	78.3	0
2002-12-12 13:00	96.9	7.4	71.6	4.712	-1.206	48.62	73.8	0
2002-12-12 14:00	94	8.8	74	5.197	-1.151	49.2	71.9	0
2002-12-12 15:00	95.3	9.74	76.8	5.275	-1.104	49.32	71.9	0
2002-12-12 16:00	96.1	9.23	81.2	4.928	-1.025	49.24	72.9	0
2002-12-12 17:00	86.3	9.01	60.31	5.366	-0.954	48.94	73.3	0
2002-12-12 18:00	62.76	7.59	43.78	5.021	-0.783	48.11	76.7	0.01
2002-12-12 19:00	48.81	6.731	40.37	3.185	-0.512	45.84	90.6	0.14
2002-12-12 20:00	51.54	10.54	37.61	6.65	-0.822	44.97	95.4	0.15
2002-12-12 21:00	64.47	13.03	45.9	8.38	-0.956	44.39	95.9	0.01
2002-12-12 22:00	88.9	9.65	69.83	5.249	-0.925	44.23	95.5	0.02
2002-12-12 23:00	92.3	11.94	66.4	6.779	-0.993	44.09	96.6	0.03
2002-12-13 00:00	102.7	13	84.9	6.461	-0.979	44.31	96.5	0.01
2002-12-13 01:00	242.6	15.22	231.6	8.33	-0.971	44.79	96.7	0.13
2002-12-13 02:00	44.51	11.71	42.14	7.91	-0.956	43.89	97.5	0.23
2002-12-13 03:00	268.7	5.46	249.1	3.01	-0.979	43.77	98.8	0.02
2002-12-13 04:00	254.5	9.38	242.2	5.437	-0.976	43.77	99.2	0
2002-12-13 05:00	278.2	10.49	260.7	6.581	-1.055	43.08	99.2	0
2002-12-13 06:00	268	9.35	254.6	5.843	-1.098	42.82	99.2	0
2002-12-13 07:00	260.2	10.76	249.4	6.433	-1.111	42.46	99.1	0
2002-12-13 08:00	249.8	11.1	243.9	6.281	-0.958	42.82	99.2	0
2002-12-13 09:00	246.1	12.28	243	6.807	-0.949	44.05	99.3	0
2002-12-13 10:00	257.4	12.97	248.7	7.86	-1.213	45.65	96.1	0
2002-12-13 11:00	247.3	14.22	240	8.47	-1.112	46.97	89.1	0
2002-12-13 12:00	252.3	17.07	244.6	10.66	-0.957	47.89	81.9	0
2002-12-13 13:00	248.5	19.25	243.1	11.99	-0.957	47.6	78.4	0
2002-12-13 14:00	253	19.08	246.5	11.14	-0.986	46.96	80.6	0
2002-12-13 15:00	270.4	17.94	257.7	11.4	-0.98	46.3	83.6	0
2002-12-13 16:00	272.3	16.35	258.1	10.27	-1	45.18	93	0.01
2002-12-13 17:00	275.6	14.67	260.3	8.82	-0.893	45.94	87.8	0
2002-12-13 18:00	282	11.78	263.3	6.742	-0.854	46.14	87.4	0
2002-12-13 19:00	277.2	11.71	259.3	7.12	-0.791	46.32	83.2	0
2002-12-13 20:00	273.3	11.17	258.2	6.826	-0.727	46.38	80.2	0
2002-12-13 21:00	273.2	11.16	259.5	7	-0.743	46.75	79.4	0
2002-12-13 22:00	278	12.77	265.9	7.19	-0.695	47.11	79.6	0
2002-12-13 23:00	284.5	11.33	266.8	6.031	-0.66	47.29	79.4	0
2002-12-14 00:00	297.9	9.56	277.6	4.303	-0.615	47.05	79.7	0
2002-12-14 01:00	324.8	9.13	321.2	4.712	-0.719	46.93	75.7	0
2002-12-14 02:00	329.9	6.425	332.2	2.944	-0.715	46.21	76.4	0
2002-12-14 03:00	312.6	4.975	311.7	1.559	-0.574	45.59	76.7	0
2002-12-14 04:00	281.6	2.834	36.13	0.903	0.017	44.79	80.1	0
2002-12-14 05:00	282.2	3.796	14.55	0.663	0.437	44.12	85.6	0
2002-12-14 06:00	288.5	4.543	5.578	0.575	0.605	44.14	87.2	0
2002-12-14 07:00	292	6.526	11.9	1.013	1.027	43.04	90.6	0
2002-12-14 08:00	295	4.856	107.3	1.173	1.204	42.01	91.7	0
2002-12-14 09:00	288.6	4.613	167.8	1.007	1.116	41.41	92.5	0
2002-12-14 10:00	300	4.445	283	1.931	-0.773	43.64	86.4	0
2002-12-14 11:00	327.2	4.884	319.9	3.943	-1.364	47.26	72.7	0
2002-12-14 12:00	349.1	6.257	357.1	5.681	-1.366	49.36	61.7	0
2002-12-14 13:00	357.4	5.914	358.5	5.295	-1.411	50.82	58.02	0
2002-12-14 14:00	279.4	5.362	264.6	4.775	-1.596	52.13	56.68	0

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2002-12-14 15:00	273.3	5.333	254	4.599	-1.418	53.23	54.19	0
2002-12-14 16:00	283.8	5.207	260.9	3.934	-1.538	54.55	52.24	0
2002-12-14 17:00	299.8	5.061	290.2	3.734	-1.24	54.79	50.74	0
2002-12-14 18:00	296.4	3.611	306	1.705	-0.505	54.04	51.52	0
2002-12-14 19:00	229.4	1.371	68.28	1.384	2.767	49.87	62.26	0
2002-12-14 20:00	132.7	3.938	83.3	1.716	4.894	47.02	71	0
2002-12-14 21:00	165.2	4.512	92.5	1.474	5.873	45.37	75.5	0
2002-12-14 22:00	200.5	4.568	66.66	1.494	6.068	43.98	80	0
2002-12-14 23:00	180.1	6.307	94.7	1.816	9.29	41.94	85	0
2002-12-15 00:00	181.2	6.745	83.8	1.743	9.93	40.09	90.8	0
2002-12-15 01:00	189.4	7.22	71.1	1.899	9.7	39.2	92.5	0
2002-12-15 02:00	184.6	8.2	90.9	2.113	10.96	37.43	94.8	0
2002-12-15 03:00	185.3	9.02	75.8	2.092	10.29	37.24	94.5	0
2002-12-15 04:00	182.7	9.43	89	2.275	10	35.89	94.5	0
2002-12-15 05:00	200.7	10.33	100.9	2.263	9.27	36.94	90.9	0
2002-12-15 06:00	211.4	7.51	85.7	1.646	7.65	37.71	89.2	0
2002-12-15 07:00	219.7	6.586	85	1.398	7.9	36.66	91.6	0
2002-12-15 08:00	216.2	8.61	113.2	2.492	7.28	37.2	88	0
2002-12-15 09:00	200.9	10.33	120.1	3.003	6.772	38.3	83.6	0
2002-12-15 10:00	202.6	8.2	134.8	2.211	2.642	43.15	77.9	0
2002-12-15 11:00	210.4	5.785	186.1	3.291	-1.05	49.38	69.1	0
2002-12-15 12:00	241.8	8.25	240.3	6.255	-1.547	54.43	56.76	0
2002-12-15 13:00	241.9	10.44	242.8	7.87	-1.663	56.58	50.99	0
2002-12-15 14:00	259.7	9.33	253.3	6.996	-1.685	59.09	44.04	0
2002-12-15 15:00	254.4	8.09	250	6.399	-1.513	60.59	38.46	0
2002-12-15 16:00	250.4	6.411	250.9	5.446	-1.259	61.75	36.29	0
2002-12-15 17:00	233.5	6.589	235.4	4.881	-1.135	62.97	31.99	0
2002-12-15 18:00	234.2	6.118	222.6	3.288	-0.443	61.69	31.37	0
2002-12-15 19:00	199.7	7.21	111	1.521	2.595	57.91	37.66	0
2002-12-15 20:00	180.8	10.73	154.5	4.411	1.223	56.99	41.29	0
2002-12-15 21:00	191.3	10.89	171.6	4.021	0.691	55.81	46.05	0
2002-12-15 22:00	188.3	10.34	164.4	4.386	0.428	54.35	48.8	0
2002-12-15 23:00	185.1	11.72	160.8	5.449	0.415	53.48	50.23	0
2002-12-16 00:00	189.9	10.45	162.2	4.608	0.356	52.73	53.37	0
2002-12-16 01:00	195	8.73	163.8	3.161	0.484	51.54	57.93	0
2002-12-16 02:00	183.8	9.32	149	4.114	0.695	49.92	63.69	0
2002-12-16 03:00	168.2	11.37	140.4	5.287	1.108	49.16	62.6	0
2002-12-16 04:00	178.6	9.37	140	3.677	2.135	47.8	61.89	0
2002-12-16 05:00	179.4	10.18	132.2	3.381	2.49	46.63	64.62	0
2002-12-16 06:00	184	11.77	149.1	4.68	1.927	46.9	65.43	0
2002-12-16 07:00	186.6	11.15	146.2	4.332	1.957	47.02	68.29	0
2002-12-16 08:00	177.6	11.24	138.9	4.139	1.804	46.64	71.1	0
2002-12-16 09:00	170.8	11.78	141.2	5.241	1.021	47.46	71.9	0
2002-12-16 10:00	178.8	10.66	155.6	5.647	-0.178	51.58	70.6	0
2002-12-16 11:00	187.3	7.89	172.8	5.421	-1.359	58.95	65.75	0
2002-12-16 12:00	201.8	11.91	197.4	8.51	-1.57	64.65	60.8	0
2002-12-16 13:00	202.6	11.71	197.7	8.75	-1.743	67.82	57.59	0
2002-12-16 14:00	220	13.09	219.6	8.92	-1.67	69.42	55.8	0
2002-12-16 15:00	219.1	12.79	215	8.47	-1.664	70.2	54.53	0
2002-12-16 16:00	192.7	13.8	187.4	9.17	-1.521	71.5	50.56	0
2002-12-16 17:00	205.5	11.16	203.3	7.58	-0.948	71	51.08	0
2002-12-16 18:00	202.4	10.24	197.4	6.27	-0.499	69.1	55.23	0
2002-12-16 19:00	176.9	11.97	168.4	6.894	-0.349	67.5	58.96	0
2002-12-16 20:00	168.7	12.4	153.5	7.25	-0.251	65.89	63.33	0
2002-12-16 21:00	168.9	13.33	149.5	7.57	-0.188	64.54	67.19	0
2002-12-16 22:00	174.2	14.9	166.6	9.04	-0.523	63.88	70.6	0

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2002-12-16 23:00	178	13.96	173.6	8.2	-0.564	62.89	74.2	0
2002-12-17 00:00	173.5	16	166.3	9.81	-0.597	62.13	76.5	0
2002-12-17 01:00	175.4	15.05	170.2	8.93	-0.575	61.38	78.5	0
2002-12-17 02:00	176.6	14.83	174.7	8.64	-0.588	60.65	80.6	0
2002-12-17 03:00	174.8	15.02	169.9	9.2	-0.637	60.48	81.7	0
2002-12-17 04:00	168.3	14.2	157.9	8.32	-0.479	59.72	83.5	0
2002-12-17 05:00	161.8	12.88	148	7.24	-0.523	58.87	85.2	0
2002-12-17 06:00	154.4	13.39	143.9	7.55	-0.463	57.9	87	0
2002-12-17 07:00	148.2	13.77	142.1	7.11	-0.302	56.76	88.5	0
2002-12-17 08:00	143.8	13.87	139.4	6.713	-0.369	56.08	87.8	0
2002-12-17 09:00	138.4	14.4	140.3	6.743	-0.52	56.05	85.8	0
2002-12-17 10:00	147.7	14.26	147.8	8.01	-1.008	58.47	80.1	0
2002-12-17 11:00	169.2	12.75	163.3	8.54	-1.413	63.44	70.9	0
2002-12-17 12:00	177.4	16.29	174.8	9.96	-1.457	67.14	65.15	0
2002-12-17 13:00	182	14.72	181.4	9.79	-1.62	69.43	60.88	0
2002-12-17 14:00	182.1	16.66	173.6	9.96	-1.45	69.88	58.85	0
2002-12-17 15:00	173	15.75	169.1	10.2	-1.425	70.7	55.55	0
2002-12-17 16:00	174.3	15.99	174.9	10.01	-1.332	71.1	53.55	0
2002-12-17 17:00	167.4	14.9	167.3	9.3	-1.083	70.8	53.2	0
2002-12-17 18:00	160	14.91	159.6	8.91	-0.601	69.59	53.45	0
2002-12-17 19:00	149	14.12	144.7	7.31	-0.147	67.23	55.8	0
2002-12-17 20:00	147.4	13.97	143.7	7.18	-0.24	65.03	61.2	0
2002-12-17 21:00	149	17.32	147	10.04	-0.39	63.57	64.08	0
2002-12-17 22:00	148	17.61	147.2	10.29	-0.471	62.31	65.71	0
2002-12-17 23:00	148.4	16.87	144.4	9.67	-0.476	61.14	69.36	0
2002-12-18 00:00	149.3	17.55	145.8	10.32	-0.55	60.48	73.4	0
2002-12-18 01:00	146.8	16.73	142.8	9.07	-0.473	59.75	77.5	0
2002-12-18 02:00	146.3	15.44	142.3	8.55	-0.444	59.44	80	0
2002-12-18 03:00	144.2	17.46	137	9.37	-0.499	59.29	82.9	0
2002-12-18 04:00	138.6	15.85	130.3	8.07	-0.494	58.75	85.5	0
2002-12-18 05:00	139.1	16.55	131.8	7.65	-0.39	58.22	88.1	0
2002-12-18 06:00	135.4	15.11	128.2	6.66	-0.31	57.97	90.6	0
2002-12-18 07:00	132.1	15.23	130.7	6.861	-0.463	58.56	91.5	0
2002-12-18 08:00	132.7	14.42	130.1	6.345	-0.442	60.01	90.6	0
2002-12-18 09:00	142.1	14.45	141.7	7.73	-0.626	62.38	88.8	0
2002-12-18 10:00	152.6	13.17	156.8	7.87	-0.84	64.83	86	0
2002-12-18 11:00	166.4	16.01	164.7	10.1	-1.02	68.13	80	0
2002-12-18 12:00	173.8	14.77	175.2	9.08	-1.146	69.67	76.3	0
2002-12-18 13:00	177	14.54	174.1	8.89	-1.238	71.1	73.1	0
2002-12-18 14:00	181	15.49	177.5	9.54	-1.088	71.6	72.3	0
2002-12-18 15:00	173.7	16.38	170.2	9.97	-0.925	73.1	67.92	0
2002-12-18 16:00	156.1	15.19	155.6	9.48	-0.809	72.4	70.6	0
2002-12-18 17:00	161.6	17.14	158.9	10.45	-0.705	72.8	69.55	0
2002-12-18 18:00	156.3	19.66	152.1	12.29	-0.722	72.5	70.2	0
2002-12-18 19:00	155.6	17.35	153.5	10.98	-0.56	71	73	0
2002-12-18 20:00	153.4	16.9	149.5	10.48	-0.502	69.79	73.6	0
2002-12-18 21:00	149.4	20.36	145.4	12.48	-0.55	68.69	74.7	0
2002-12-18 22:00	151.6	21.84	147.2	13.65	-0.624	68.07	77.8	0
2002-12-18 23:00	156.2	20.33	153.2	13.01	-0.653	67.42	80.2	0
2002-12-19 00:00	164	17.66	160.1	11.43	-0.755	67.91	79	0
2002-12-19 01:00	163.4	14.55	162.7	8.75	-0.729	68.08	78.1	0
2002-12-19 02:00	166.2	14.66	165.3	8.71	-0.693	68.01	78.1	0
2002-12-19 03:00	154.6	17.79	151.8	10.99	-0.728	67.75	79.9	0
2002-12-19 04:00	152.7	18.19	150.4	11.25	-0.734	67.69	80.6	0
2002-12-19 05:00	153.2	18.25	150	11.36	-0.765	67.82	81.5	0
2002-12-19 06:00	155.8	16.71	153.8	10.37	-0.764	67.87	82.9	0

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2002-12-19 07:00	162.6	13.72	160.3	8.21	-0.654	67.7	85.3	0
2002-12-19 08:00	164.1	13.95	158.9	8.7	-0.46	67.48	88.6	0.05
2002-12-19 09:00	163.7	18	158.1	10.89	-0.472	68.38	87	0
2002-12-19 10:00	179.4	19.93	175.6	11.75	-0.603	69.62	84.5	0
2002-12-19 11:00	298.2	17.89	289.8	9.72	-0.802	60.26	91.2	0.25
2002-12-19 12:00	311.5	9.76	294.6	4.897	-0.81	55.07	89.6	0.01
2002-12-19 13:00	315	11.88	304.9	5.881	-0.815	54.53	88.1	0.06
2002-12-19 14:00	351.7	5.437	353.5	3.232	-1.127	53.42	92.4	0
2002-12-19 15:00	110.6	2.719	112.1	2.439	-1.081	53.99	91.1	0
2002-12-19 16:00	263.4	4.189	250.6	3.606	-1.328	55.63	83.4	0
2002-12-19 17:00	268.5	5.712	257.5	4.521	-1.236	56.97	79.8	0
2002-12-19 18:00	264.1	6.042	251.4	3.635	-0.795	57.36	77.1	0
2002-12-19 19:00	236.8	4.954	98	1.698	1.788	54.77	86.3	0
2002-12-19 20:00	194.4	7.47	136.3	2.478	1.791	54.35	87.9	0
2002-12-19 21:00	210.8	9.56	186.2	3.404	0.926	54.13	87.5	0
2002-12-19 22:00	299	11.9	283.2	4.813	0.167	54.48	78.1	0
2002-12-19 23:00	303.8	11.88	281.9	4.947	-0.166	53.68	70.9	0
2002-12-20 00:00	303	10.72	285.5	4.893	-0.423	51.9	76.4	0
2002-12-20 01:00	291.6	11.92	272.4	5.599	-0.361	50.73	80.7	0
2002-12-20 02:00	280.1	11.29	263.4	6.402	-0.491	49.69	83.8	0
2002-12-20 03:00	278.2	10.38	260.1	6.068	-0.452	48.44	85.7	0
2002-12-20 04:00	274.1	9.39	257.8	5.213	-0.415	47.14	88.4	0
2002-12-20 05:00	263.1	8.64	254.8	4.151	-0.165	45.97	89	0
2002-12-20 06:00	261.7	8.13	255.8	3.316	0.191	45.01	90.2	0
2002-12-20 07:00	267.2	9.21	252.4	4.742	-0.338	44.87	88.1	0
2002-12-20 08:00	265.5	9.14	252	5.129	-0.593	44.14	86.2	0
2002-12-20 09:00	258.2	7.58	247.1	3.838	-0.601	43.44	84.2	0
2002-12-20 10:00	274.5	9.14	258	6.103	-1.107	45.05	73.9	0
2002-12-20 11:00	275.3	8.69	259.1	6.191	-1.424	47.17	65.68	0
2002-12-20 12:00	273.4	8.21	260.4	6.099	-1.611	50.09	57.13	0
2002-12-20 13:00	271.3	12.2	258.7	8.33	-1.776	53.05	46.77	0
2002-12-20 14:00	267.1	13.93	253	9.6	-1.619	54.92	35.66	0
2002-12-20 15:00	282.8	11.65	265.9	7.49	-1.746	56.32	29.62	0
2002-12-20 16:00	265.8	11.9	254.4	8.35	-1.47	56.96	28.14	0
2002-12-20 17:00	269.8	11.56	257.1	7.33	-1.251	57.28	26.46	0
2002-12-20 18:00	265.8	9.93	252.9	6.056	-0.774	56.56	27.62	0
2002-12-20 19:00	260.2	8.41	248	2.146	1.643	53.02	34.33	0
2002-12-20 20:00	247.9	8.57	89.5	0.691	3.423	50.39	39.17	0
2002-12-20 21:00	239.9	8.36	181.6	1.098	2.891	49.28	40.21	0
2002-12-20 22:00	229.2	9.84	181.1	1.07	3.116	48.41	41.45	0
2002-12-20 23:00	218.9	9.62	154.4	1.503	3.16	47.73	42.25	0
2002-12-21 00:00	202.2	8.92	127.4	3.042	4.331	46.32	46.45	0
2002-12-21 01:00	200.9	9.62	132.6	3.338	5.175	44.8	49.34	0
2002-12-21 02:00	192.6	11.52	144.6	4.489	4.001	44.53	50.08	0
2002-12-21 03:00	182.9	12.11	143.2	4.137	3.196	44.16	50.77	0
2002-12-21 04:00	183.4	11.9	135.8	3.798	3.425	42.88	54.51	0
2002-12-21 05:00	173.6	10.18	109.1	2.976	4.225	40.76	61.99	0
2002-12-21 06:00	170.1	10.51	105.4	3.394	4.349	39.46	68.5	0
2002-12-21 07:00	165.9	10.66	102.7	3.509	5.089	38.5	74.6	0
2002-12-21 08:00	156.2	12.06	105.4	4.303	4.699	37.62	81.7	0
2002-12-21 09:00	148.5	13.79	103.3	4.883	3.679	38.02	86.2	0
2002-12-21 10:00	144.7	10.93	115	3.728	0.881	41.76	80.3	0
2002-12-21 11:00	159	9.66	144.7	5.502	-0.928	49.52	60.44	0
2002-12-21 12:00	170.5	12.22	167.8	8.21	-1.724	56.83	36.69	0
2002-12-21 13:00	184.9	12.25	183.8	8.54	-1.693	59.21	27.68	0
2002-12-21 14:00	186.8	16.03	185.5	10.29	-1.829	61.12	23.31	0

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2002-12-21 15:00	189.6	14.66	187.3	9.85	-1.727	62.78	20.86	0
2002-12-21 16:00	198.3	17.04	197.5	12.1	-1.448	63.1	26.53	0
2002-12-21 17:00	178.5	16.46	174.7	10.35	-0.9	62.04	34.21	0
2002-12-21 18:00	164.4	15.89	160.5	10	-0.715	61.25	40.73	0
2002-12-21 19:00	155.9	16.44	153.8	9.86	-0.482	59.84	49.66	0
2002-12-21 20:00	172.6	14.28	168.8	8.31	-0.555	59.74	56.05	0
2002-12-21 21:00	165.3	14.87	164	8.91	-0.514	59.19	59.21	0
2002-12-21 22:00	168.9	11.48	158.7	6.51	-0.405	58.26	62.72	0
2002-12-21 23:00	176.1	12.5	171.2	7.23	-0.586	58.69	64.49	0
2002-12-22 00:00	187.8	10.4	184.4	5.94	-0.518	58.52	67.6	0
2002-12-22 01:00	186.5	10.58	182.3	5.762	-0.539	58.23	70.9	0
2002-12-22 02:00	185.2	10.36	170.9	5.421	-0.426	57.96	74.3	0
2002-12-22 03:00	184.6	10.91	170.5	5.834	-0.263	57.7	77.9	0
2002-12-22 04:00	190.3	10.94	177.3	5.077	-0.016	58.05	81.7	0
2002-12-22 05:00	207.1	10.09	205.8	4.621	-0.017	58.26	85	0
2002-12-22 06:00	239.8	9.74	244.4	4.635	-0.009	58.08	89	0
2002-12-22 07:00	252.1	7.38	238.7	3.005	-0.065	56.83	94.1	0
2002-12-22 08:00	250.3	6.974	238.5	2.237	0.511	55.4	97.9	0
2002-12-22 09:00	304.8	6.952	295.1	2.57	-0.315	55.1	98.6	0
2002-12-22 10:00	351.1	8.81	345.6	5.831	-1.052	54.83	93.5	0
2002-12-22 11:00	29.1	8.38	24.16	7.16	-1.206	55.54	76.4	0
2002-12-22 12:00	10.27	5.184	8.02	4.704	-1.209	57.04	72.2	0
2002-12-22 13:00	335.1	6.914	335.4	5.692	-1.563	58.97	66.7	0
2002-12-22 14:00	334.7	6.147	341.3	5.332	-1.297	61.29	57.85	0
2002-12-22 15:00	333.6	6.324	335.3	5.365	-1.366	62.87	48.95	0
2002-12-22 16:00	342.1	7.76	339.9	6.07	-1.405	63.48	48.5	0
2002-12-22 17:00	359.5	6.958	354.2	5.525	-1.143	63.1	43.73	0
2002-12-22 18:00	17.79	7.37	13.46	5.302	-0.699	61.72	42.39	0
2002-12-22 19:00	17.1	9.61	14.01	5.263	0.003	59.02	40.78	0
2002-12-22 20:00	24.5	12.03	17.43	7.41	-0.223	56.11	46.37	0
2002-12-22 21:00	30.5	10.29	22.5	6.176	-0.335	54	52.79	0
2002-12-22 22:00	33.61	10.09	27.26	6.298	-0.521	51.62	58.77	0
2002-12-22 23:00	52.99	8.87	44.02	5.3	-0.529	50.46	57.94	0
2002-12-23 00:00	63.56	8.69	49.32	4.627	-0.52	49.81	56.74	0
2002-12-23 01:00	66.14	8.79	48.02	5.115	-0.776	49.92	55.13	0
2002-12-23 02:00	84.5	7.94	63.87	3.753	-0.725	50.11	54.6	0
2002-12-23 03:00	89.3	8.05	66.98	3.578	-0.76	50.92	53.39	0
2002-12-23 04:00	88.8	11.87	69.62	5.936	-0.75	51.72	51.62	0
2002-12-23 05:00	99.6	11.15	82.2	5.814	-0.818	52.11	51	0
2002-12-23 06:00	100.8	12.02	82.7	6.044	-0.865	51.67	52.83	0
2002-12-23 07:00	104.2	11.54	90.2	5.132	-0.866	51.17	55.3	0
2002-12-23 08:00	108.7	13.68	95.4	5.868	-0.81	51.32	56.32	0
2002-12-23 09:00	112.7	15.2	97.3	5.919	-0.748	52.02	56.75	0
2002-12-23 10:00	111.6	12.6	96	5.221	-0.904	53.25	56.45	0
2002-12-23 11:00	109	11.77	92.1	5.398	-1.003	54.62	57.23	0
2002-12-23 12:00	109.4	12.37	88.8	5.72	-1.202	56.87	59.72	0
2002-12-23 13:00	119.1	12.22	121.5	7.02	-1.386	61.15	63.44	0
2002-12-23 14:00	125.2	16.25	127.2	8.68	-1.001	64.46	70.3	0.01
2002-12-23 15:00	132.1	15.01	133	7.39	-0.664	63.24	80.1	0.05
2002-12-23 16:00	124.5	15.56	121.5	6.883	-0.755	62.3	88.3	0
2002-12-23 17:00	132	20.11	133.9	10.45	-0.74	62.88	87.3	0
2002-12-23 18:00	134.6	23.37	136.4	12.39	-0.741	62.89	84.8	0
2002-12-23 19:00	130	22.14	133.8	10.68	-0.792	60.66	91.5	0.14
2002-12-23 20:00	127.1	19.5	130.2	9.16	-0.813	59.98	91.7	0
2002-12-23 21:00	126.3	20.66	130.5	9.27	-0.793	60.42	90.8	0
2002-12-23 22:00	128.2	20.45	132.1	10.02	-0.79	60.31	92.7	0.31

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2002-12-23 23:00	359.4	9.06	350.7	5.708	-0.787	58.81	99.2	1.25
2002-12-24 00:00	34.58	9.94	21.76	6.492	-0.945	58.26	99.5	0.73
2002-12-24 01:00	19.45	9.13	8.76	5.934	-0.969	58.01	99.5	0.11
2002-12-24 02:00	38.77	10.9	27.31	7.44	-1.08	57.93	99.5	0.06
2002-12-24 03:00	359.9	8.72	347.2	5.423	-0.934	57.11	99.4	0.57
2002-12-24 04:00	34.17	10.02	37.72	5.434	-0.648	56.07	99.5	0.18
2002-12-24 05:00	266.1	7.38	217.9	3.825	-0.779	55.96	99.5	0.01
2002-12-24 06:00	330.4	4.265	310	2.675	-0.939	54.63	99.5	0
2002-12-24 07:00	296.5	12.08	280.3	6.701	-1.182	49.64	99.4	0
2002-12-24 08:00	318.4	10.19	306	5.639	-1.233	45.17	99.4	0.01
2002-12-24 09:00	327.2	5.546	316.2	3.606	-1.244	44.56	99.4	0
2002-12-24 10:00	311.1	3.609	289.9	2.629	-1.269	44.75	99.4	0
2002-12-24 11:00	282.3	11.14	267.7	6.945	-1.389	44.94	99.4	0
2002-12-24 12:00	283.5	15.48	267.9	9.34	-1.391	44.38	99.4	0
2002-12-24 13:00	280.3	16.55	265	10.04	-1.421	43.63	99.4	0.01
2002-12-24 14:00	281.8	14.36	266.2	8.5	-1.482	42.92	99.3	0
2002-12-24 15:00	279.5	17.03	264.6	10.39	-1.48	42.74	99.3	0
2002-12-24 16:00	285.4	14.91	267.8	8.71	-1.74	42.33	96.9	0
2002-12-24 17:00	296.9	13.69	281.3	7.22	-1.537	42.32	89.1	0
2002-12-24 18:00	284.9	12.84	268.7	7.48	-1.113	41.91	92.9	0
2002-12-24 19:00	284.3	12.29	267	7.19	-1.089	41.96	92.6	0
2002-12-24 20:00	278.6	13.52	262.3	8.88	-1.091	42.07	92.3	0.01
2002-12-24 21:00	281	19.96	265	12.25	-1.165	40.32	90.4	0
2002-12-24 22:00	284.5	21.46	268.1	12.91	-1.047	39.38	84.1	0.01
2002-12-24 23:00	283.7	19.79	266	11.84	-1.093	38.41	84.1	0
2002-12-25 00:00	285.7	16.64	268.3	9.53	-1.036	38.07	82.4	0
2002-12-25 01:00	292.5	18.34	276.9	10.02	-1.068	37.19	81.1	0
2002-12-25 02:00	292.3	17.61	276.7	9.24	-1.08	36.75	80.5	0
2002-12-25 03:00	294.8	17.06	277.9	8.85	-1.086	36.28	80.1	0
2002-12-25 04:00	304.2	16.18	290.7	8.44	-1.061	35.85	76.5	0
2002-12-25 05:00	309.8	16.13	300	7.92	-1.039	35.2	72.7	0
2002-12-25 06:00	315.7	14.67	309.1	6.972	-1.019	34.77	72.2	0
2002-12-25 07:00	311	12.77	304	6.23	-0.864	33.66	72.7	0
2002-12-25 08:00	311.1	10.89	302.3	5.284	-0.779	32.52	72.2	0
2002-12-25 09:00	299	10.16	289	5.098	-0.857	32.07	75	0
2002-12-25 10:00	307.7	9.08	289.4	5.435	-1.385	32.98	71.9	0
2002-12-25 11:00	311.1	7.14	301.1	4.877	-1.635	34.42	65.6	0
2002-12-25 12:00	295.3	7.12	278	5.305	-1.623	35.72	62.93	0
2002-12-25 13:00	282.6	6.377	264.3	5.105	-1.536	36.96	60.01	0
2002-12-25 14:00	278.2	6.451	258.4	5.253	-1.698	38.63	54.55	0
2002-12-25 15:00	282.9	6.678	273.2	5.153	-1.552	40.22	49.26	0
2002-12-25 16:00	278.5	6.462	262.9	4.783	-1.401	41.69	47.71	0
2002-12-25 17:00	289.9	4.871	271.9	3.607	-1.264	42.75	45.79	0
2002-12-25 18:00	336.7	4.152	336.7	2.554	-0.908	42.62	46.18	0
2002-12-25 19:00	350.1	5.613	0.334	2.612	-0.355	40.78	50.94	0
2002-12-25 20:00	342	4.758	39.03	1.718	1.21	38.7	57.73	0
2002-12-25 21:00	329.1	3.055	70.7	1.162	3.221	36.43	65.53	0
2002-12-25 22:00	16.25	3.191	69.11	1.64	4.285	35.31	69.04	0
2002-12-25 23:00	50.86	3.355	78.9	1.252	5.456	33.59	76.6	0
2002-12-26 00:00	86.3	1.691	87.8	1.426	5.913	32.61	80.4	0
2002-12-26 01:00	42.39	2.373	64.42	2.011	6.58	32.08	82.8	0
2002-12-26 02:00	67.9	4.297	81	1.933	7.35	30.65	87.9	0
2002-12-26 03:00	88.9	4.64	84	1.847	5.961	30.82	87.2	0
2002-12-26 04:00	86.7	7.95	96.3	2.164	6.845	29.76	93.8	0
2002-12-26 05:00	94.5	8.68	95.6	2.475	6.267	29.22	94.9	0
2002-12-26 06:00	102.1	8.8	111.1	2.672	4.854	29.6	94	0

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2002-12-26 07:00	92.2	10.06	81	2.988	4.106	31.35	85.9	0
2002-12-26 08:00	80.4	8.3	92.1	1.929	2.336	31.72	83.1	0
2002-12-26 09:00	90.1	9.89	80.2	1.934	2.353	31.68	85.2	0
2002-12-26 10:00	95.8	9.73	86.9	3.346	-0.21	33.36	80.7	0
2002-12-26 11:00	101.3	6.273	89.3	3.405	-1.183	35.08	79.1	0
2002-12-26 12:00	94.2	4.889	75.9	4.081	-1.269	37.97	68.85	0
2002-12-26 13:00	86.8	4.29	79.9	3.913	-1.433	42.05	49.7	0
2002-12-26 14:00	49.7	3.971	43.78	3.82	-1.402	45.13	43.04	0
2002-12-26 15:00	143.5	4.207	145	4.004	-1.537	47.44	43.71	0
2002-12-26 16:00	137.4	4.422	150.9	3.576	-1.228	48.06	43.36	0
2002-12-26 17:00	112.9	3.32	115.6	2.756	-1.169	49.12	37.14	0
2002-12-26 18:00	337.6	2.384	352.4	1.734	-0.904	48.45	40.42	0
2002-12-26 19:00	9.13	3.421	42.87	1.915	0.64	46.65	51.72	0
2002-12-26 20:00	2.209	5.214	29.95	2.316	2.154	44.98	55.54	0
2002-12-26 21:00	9.24	6.832	19.64	3.193	2.049	43.7	54.55	0
2002-12-26 22:00	20.7	7.06	21.69	3.43	0.409	42.99	58.14	0
2002-12-26 23:00	62.46	5.687	100.4	1.855	2.542	39.56	67.54	0
2002-12-27 00:00	79.7	7.1	71.6	1.614	2.844	38.14	69.49	0
2002-12-27 01:00	95.1	5.544	127.4	1.983	3.549	36.21	75.6	0
2002-12-27 02:00	113.4	8.43	120	3.677	2.795	36.66	74.3	0
2002-12-27 03:00	131.4	10.73	94.6	4.219	5.03	37.03	71.7	0
2002-12-27 04:00	155.5	10.14	95.4	3.37	6.245	34.4	83.4	0
2002-12-27 05:00	163.6	7.99	83.6	2.167	4.984	33.86	87.2	0
2002-12-27 06:00	169.9	8.02	90	2.291	6	32.83	88.9	0
2002-12-27 07:00	160	6.972	87.4	2.356	6.59	31.83	91.2	0
2002-12-27 08:00	159.2	7.41	83.8	2.16	7.03	31.56	91.9	0
2002-12-27 09:00	150.9	8.62	93.6	2.471	6.807	31.62	90.6	0
2002-12-27 10:00	165.4	5.913	97.8	1.414	3.608	34.57	84.9	0
2002-12-27 11:00	195.2	4.302	172.8	2.44	-0.428	40.58	72.5	0
2002-12-27 12:00	233.4	3.657	229.9	3.241	-1.413	45.32	60.32	0
2002-12-27 13:00	227.5	4.331	220.3	3.983	-1.435	49.14	49.34	0
2002-12-27 14:00	249	4.307	241.8	3.522	-1.357	50.71	43.62	0
2002-12-27 15:00	224.6	4.384	211.7	4.099	-1.533	52.39	43.8	0
2002-12-27 16:00	267	4.632	261.2	3.803	-1.352	53.58	44.21	0
2002-12-27 17:00	248	4.386	245.8	3.573	-1.202	54.28	44.76	0
2002-12-27 18:00	258.6	3.96	262.6	2.571	-0.839	53.96	48.55	0
2002-12-27 19:00	292.8	3.247	29.97	1.623	2.262	50.64	56.34	0
2002-12-27 20:00	277.9	2.343	74.7	1.009	3.879	48.68	60.28	0
2002-12-27 21:00	218.3	2.24	83	0.702	4.712	47.21	64.6	0
2002-12-27 22:00	192.3	4.568	98.8	1.685	6.877	45.19	69.67	0
2002-12-27 23:00	186	6.225	90.4	1.671	8.3	43.46	73.8	0
2002-12-28 00:00	192.7	8.18	92.8	1.569	9.15	42.33	76.8	0
2002-12-28 01:00	205.9	9.25	118.9	2.39	7.7	42.21	77.4	0
2002-12-28 02:00	220.7	8.14	90.6	0.559	5.533	42.63	76.3	0
2002-12-28 03:00	231.2	9.42	131.8	0.629	4.186	42.5	76.6	0
2002-12-28 04:00	241.8	6.97	74.2	0.666	3.211	42.21	78.8	0
2002-12-28 05:00	233.9	4.788	81.1	1.31	4.997	40.2	84.3	0
2002-12-28 06:00	221.3	3.536	90.7	1.725	8.34	36.82	90.6	0
2002-12-28 07:00	211.9	3.985	94.7	2.026	9.91	34.98	92.8	0
2002-12-28 08:00	198.3	4.792	95.8	2.238	11.55	33.41	94.1	0
2002-12-28 09:00	183.7	4.891	95	2.617	12.39	33.01	94.1	0
2002-12-28 10:00	168.8	4.371	96.3	1.705	9.41	37.75	86.7	0
2002-12-28 11:00	156.5	5.082	152.9	2.907	1.095	45.66	73.9	0
2002-12-28 12:00	218.4	3.947	218.5	3.42	-1.382	52.12	60.05	0
2002-12-28 13:00	248.7	7.55	242.7	6.141	-1.632	55.57	45.16	0
2002-12-28 14:00	239.2	8.27	234.6	6.816	-1.624	56.71	42.27	0

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2002-12-28 15:00	227.4	7.3	220.7	6.049	-1.633	58.03	37.09	0
2002-12-28 16:00	222.9	6.763	212.6	6.163	-1.505	59.33	36.17	0
2002-12-28 17:00	236.4	7.35	234.3	5.657	-1.272	59.78	37.06	0
2002-12-28 18:00	232	6.908	230.4	4.056	-0.692	59.18	37.55	0
2002-12-28 19:00	214.2	6.061	153.1	1.178	1.421	56.78	40.61	0
2002-12-28 20:00	186.5	7.85	124.2	2	2.705	55.26	41.89	0
2002-12-28 21:00	182.1	10.81	143.2	3.416	3.649	53.56	43.85	0
2002-12-28 22:00	178.8	10.98	144.1	3.71	3.987	51.99	45.9	0
2002-12-28 23:00	186.9	13.88	150.4	4.907	4.029	50.46	49.37	0
2002-12-29 00:00	195.2	12.2	154.1	4.531	2.546	51.08	50.28	0
2002-12-29 01:00	195.9	9.83	153.7	3.498	1.762	50.56	51.95	0
2002-12-29 02:00	190.5	7.95	144.8	3.136	1.855	49.15	54.49	0
2002-12-29 03:00	192.8	9.12	145.6	3.975	2.738	47.36	58.88	0
2002-12-29 04:00	190.9	9.97	131.9	3.212	3.845	45.15	64.38	0
2002-12-29 05:00	193.5	10.09	136.5	3.508	4.048	44.14	67.82	0
2002-12-29 06:00	181.1	10.43	116.8	3.194	5.319	41.96	74.8	0
2002-12-29 07:00	166.6	10.07	94.7	3.3	5.845	39.86	79.7	0
2002-12-29 08:00	158.6	9.85	96.7	3.005	5.337	39.09	82.5	0
2002-12-29 09:00	164.8	11.06	113.7	4.034	5.235	40.98	81.5	0
2002-12-29 10:00	165.8	11.17	117.8	3.88	2.902	45.28	81	0
2002-12-29 11:00	153.3	10.74	126.8	4.863	0.192	50.9	76.6	0
2002-12-29 12:00	148.3	6.735	136.9	4.39	-1.447	57.5	73.3	0
2002-12-29 13:00	178.4	7.73	167.3	5.613	-1.614	64.53	71	0
2002-12-29 14:00	220.1	10.58	221.5	7.82	-1.422	67.45	68.97	0
2002-12-29 15:00	206.4	10.57	206.8	8.06	-1.501	69.14	64.77	0
2002-12-29 16:00	206.7	10.65	203.6	7.69	-1.283	70.4	60.13	0
2002-12-29 17:00	205	10.86	203.8	6.974	-0.901	70.5	56.34	0
2002-12-29 18:00	194.4	10.16	192.6	6.007	-0.554	70.2	53.87	0
2002-12-29 19:00	171.1	9.76	161.7	4.837	-0.049	68.06	59.93	0
2002-12-29 20:00	154.5	9.22	160.9	4.363	0.037	65.55	67.38	0
2002-12-29 21:00	159.3	11.5	151.9	5.989	0.123	63.88	71.1	0
2002-12-29 22:00	171.6	13.57	158.9	7.87	-0.225	63.37	71.6	0
2002-12-29 23:00	160.6	11.56	147.5	6.379	-0.126	60.67	77.7	0
2002-12-30 00:00	171	13.62	161.5	8.5	-0.46	60.33	78.2	0
2002-12-30 01:00	174.5	12.65	166.4	7.56	-0.514	59.79	77.1	0
2002-12-30 02:00	168.9	12.41	162.1	7.77	-0.625	59.56	74.9	0
2002-12-30 03:00	173.3	13.8	170.6	8.35	-0.713	59.63	75.3	0
2002-12-30 04:00	174.6	12.81	169.3	7.64	-0.636	59.52	73.9	0
2002-12-30 05:00	159.8	11.07	159.6	6.807	-0.635	58.79	74.4	0
2002-12-30 06:00	154.4	10.73	156.1	6.246	-0.632	58.09	76	0
2002-12-30 07:00	146.9	12.71	149.9	6.837	-0.575	57.5	78.1	0
2002-12-30 08:00	148.7	12.17	149.6	6.662	-0.458	57.1	80	0
2002-12-30 09:00	142.6	15.18	142.5	7.42	-0.43	57.3	80.7	0
2002-12-30 10:00	144.4	15.01	143.2	8.17	-0.746	58.23	80	0
2002-12-30 11:00	158.9	13.72	156.5	8.71	-1.019	61.28	76.1	0
2002-12-30 12:00	167.5	13.67	166	8.95	-1.239	64.91	69.34	0
2002-12-30 13:00	170.9	13.07	167.3	8.74	-1.223	67.04	64.35	0
2002-12-30 14:00	177.6	16.64	175.9	10.38	-1.169	69.04	58.91	0
2002-12-30 15:00	187.1	16.29	183.8	9.79	-1.041	69.3	59.2	0
2002-12-30 16:00	184.1	11.05	179.1	6.426	-0.614	68.13	63.36	0
2002-12-30 17:00	144.2	14.2	140.5	6.759	-0.298	66.17	70.8	0
2002-12-30 18:00	132.8	17.6	133.3	8.39	-0.536	65.99	69.96	0
2002-12-30 19:00	132.8	14.98	131.9	7.63	-0.475	65.39	71.8	0
2002-12-30 20:00	131.5	13.68	134.7	6.175	-0.312	64.88	73.9	0
2002-12-30 21:00	142	10.37	136.8	4.45	-0.106	64.45	75.5	0
2002-12-30 22:00	143.9	6.431	180.6	2.118	0.014	63.62	77.8	0

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2002-12-30 23:00	132.6	9.79	159.4	3.563	-0.085	63.43	79.6	0
2002-12-31 00:00	130.1	15.32	130.5	6.4	-0.428	63.25	81.9	0
2002-12-31 01:00	129.8	19.12	132.4	8.79	-0.586	63.13	84.2	0
2002-12-31 02:00	136.7	20.29	138.8	10.55	-0.643	63.03	85.9	0
2002-12-31 03:00	161	17.08	154.4	9.84	-0.386	62.53	91	0.08
2002-12-31 04:00	252.7	15.89	241.1	9.72	-0.776	54.94	97.9	0.31
2002-12-31 05:00	276.5	10.3	268.1	5.816	-0.775	54.49	98.7	0.17
2002-12-31 06:00	112.7	7.81	104.2	4.201	-0.428	53.98	98.9	0.07
2002-12-31 07:00	98.9	16.02	81.8	7.32	-0.863	54.33	98.9	0.02
2002-12-31 08:00	154.1	13.85	156.8	6.447	-0.455	55.28	93.9	0.01
2002-12-31 09:00	248.6	5.441	251.4	2.52	-0.464	55.01	92.3	0
2002-12-31 10:00	276	6.287	249.2	3.091	-0.565	54.32	96	0
2002-12-31 11:00	283.7	4.907	257	2.224	-0.781	53.77	98.6	0.07
2002-12-31 12:00	290.3	3.78	264	2.472	-1.139	53.75	99.5	0.04
2002-12-31 13:00	333.6	3.677	322.8	2.865	-1.322	54.24	99.5	0
2002-12-31 14:00	353.1	2.782	300.6	1.825	-1.193	54.18	99.4	0.13
2002-12-31 15:00	222.3	3.014	229.7	2.392	-1.102	54.11	99.5	0.16
2002-12-31 16:00	288.1	7.44	281.6	3.681	-1.277	53.96	99.5	0.01
2002-12-31 17:00	293.3	9.53	272.5	4.732	-1.215	53.79	99.5	0.02
2002-12-31 18:00	297	14.01	278.6	7.16	-1.17	50.76	99.4	0.02
2002-12-31 19:00	294.4	13.52	278.6	6.751	-1.108	49.09	99.3	0.04
2002-12-31 20:00	292.4	14.89	274.9	7.78	-1.087	47.82	99.1	0.02
2002-12-31 21:00	285.9	13.04	269.3	7.42	-0.989	47.15	97.2	0
2002-12-31 22:00	284.6	13.88	268.1	7.8	-0.936	46.73	95.9	0.01
2002-12-31 23:00	293.8	12.61	273	6.822	-0.926	46.5	94.3	0
2003-01-01 00:00	300.2	13.25	283.3	6.458	-1.019	45.81	95.9	0