Year	Grid cell ID	Latitude	Longitude	Mean Spawning Date- Julian Da	Variance in spawning	Number of Observations	Mean January temperature	Min January temperature	Max January temperature	Mean February temperature	Min February temperature	Max February temperature	50km grid cell ID	100 km grid cell ID	150km grid cell ID
1998	1078	54.3279	-2.8663	55	NA	1	5.07	1.93	8.04	7.79	4.92	10.75	273	67	33
1998	1117	54.1165	-2.7623	52	NA	1	5.23	2.4	7.76	7.73	5.26	10.34	293	77	33
1998	1198	53.8683	-1.4842	75	NA	1	4.64	2	7.35	7.6	4.41	10.94	315	78	40
1998	1232	53.3606	-3.1643	53	NA	1	5.67	3.5	7.94	8.21	6.07	10.85	312	76	39
1998	1237	53.6558	-1.3881	81.5	4.5	2	5.01	2.36	7.63	7.92	4.72	11.15	315	78	40
1998	1240	53.8209	-0.3111	59	NA	1	5.02	2.52	7.68	7.76	4.3	11.51	316	78	41
1998	1273	53.2698	-2.3568	68	NA	1	4.86	2.24	7.53	7.66	4.64	11.1	333	87	40
1998	1276	53.4432	-1.2928	46	NA	1	4.54	2.18	7.04	7.23	4.15	10.54	335	88	40
1998	1313	53.1165	-1.9057	66	NA	1	3.29	1.09	5.52	6.09	3.02	8.49	334	87	40
1998	1317	53.3406	-0.4877	64	NA	1	4.72	1.91	7.49	7.35	3.53	11.3	336	88	41
1998	1353	52.9615	-1.4577	63	NA	1	5.29	2.44	7.93	7.82	4.17	11.36	354	87	40
1998	1356	53.1273	-0.3975	90	NA	1	4.74	2.07	7.36	7.32	3.69	11.07	356	88	41
1998	1384	52.266	-4.1389	47	NA	1	5.19	2.32	8.02	7.44	4.27	10.53	350	85	39
1998	1390	52.634	-2.0631	51.5	24.5	2	4.72	2.09	7.33	7.2	3.78	10.73	353	87	40
1998	1427	52.3036	-2.6598	62	NA	1	4.49	1.83	7.26	6.8	3.57	10.46	372	96	46
1998	1429	52.4219	-1.9671	57.25	44.92	4	5.12	2.65	7.56	7.62	4.16	10.82	373	97	47
1998	1430	52.4796	-1.6193	64	2	2	4.78	2.05	7.56	7.08	3.38	10.84	374	97	47
1998	1434	52.7006	-0.2196	64	NA	1	5.04	2.12	7.91	7.36	3.27	11.55	376	98	48
1998	1460	51.7159	-4.6095	22	NA	1	5.6	2.88	8.39	7.23	4.46	10.22	369	95	45
1998	1477	52.6912	1.2748	69	32	2	5.22	2.54	7.9	7.2	3.19	11.14	378	99	48
1998	1506	51.9393	-2.1217	54	NA	1	5.27	2.5	8.04	7.35	3.72	11.13	393	97	47
1998	1508	52.0546	-1.433	62	0	3	4.71	1.88	7.59	6.76	2.77	10.73	394	97	47
1998	1509	52.1108	-1.0873	59	NA	1	4.51	1.66	7.35	6.52	2.54	10.48	394	97	47
1998	1541	51.4863	-3.3882	7	NA	1	5.62	2.94	8.36	7.28	4	10.84	391	96	46
1998	1542	51.548	-3.0492	42	NA	1	5.35	2.25	8.07	7.29	3.6	10.79	391	96	46
1998	1544	51.6685	-2.3686	58	NA	1	5.71	2.79	8.45	7.62	3.93	11.27	392	96	46
1998	1548	51.898	-0.9969	62	NA	1	4.94	1.95	7.94	6.75	2.68	10.96	394	97	47
1998	1549	51.953	-0.6519	70	NA	1	5.25	2.27	8.18	7.26	3.05	11.35	395	98	47
1998	1550	52.007	-0.306	70	NA	1	5.17	2.16	8.14	7.11	2.92	11.38	395	98	47
1998	1551	52.06	0.0407	75	NA	1	5.2	2.25	8.2	7.16	2.9	11.54	396	98	48
1998	1552	52.112	0.3882	66	NA	1	4.93	2.01	7.84	6.75	2.5	10.97	396	98	48
1998	1582	51.3971	-2.6127	46	NA	1	5.47	2.79	8.34	7.22	3.83	11.08	412	106	46
1998	1586	51.6294	-1.2501	78	NA	1	5.15	2.14	8.21	6.84	2.72	11.11	414	107	47
1998	1588	51.7398	-0.5638	78	NA	1	4.65	1.82	7.48	6.37	2.34	10.29	415	108	47
1998	1589	51.7935	-0.2194	61	128	2	5.2	2.22	8.1	6.89	2.69	10.99	415	108	47
1998	1620	51.1252	-2.854	43	NA	1	6.08	3.04	9.09	7.66	3.86	11.49	411	106	46
1998	1622	51.2446	-2.179	52	NA	1	5.32	2.44	8.21	7.09	3.24	10.73	412	106	46
1998	1624	51.3603	-1.5005	64	NA	1	5.26	2.09	8.23	6.96	2.59	10.88	413	107	47
1998	1626	51.4721	-0.8186	87	NA	1	5.28	2.28	8.09	6.84	2.83	10.77	414	107	47
1998	1663	51.1477	-1.4097	46	NA	1	5.41	2.35	8.32	6.73	2.6	10.72	433	107	54
1998	1665	51.259	-0.7308	64.5	4.5	2	5.36	2.3	8.39	6.68	2.5	10.77	434	107	54
1998	1666	51.3133	-0.3901	61	NA	1	5.76	2.59	9.04	7.05	2.69	11.56	435	108	54
1998	1667	51.3665	-0.0486	51.67	100.33	3	6.04	3.21	8.94	7.32	3.39	11.28	435	108	54
1998	1700	50.8205	-1.9928	49	NA	1	5.41	2.22	8.37	6.49	2.48	10.41	432	106	53
1998	1706	51.1529	0.0356	59	50	2	4.85	1.84	7.89	5.84	1.76	9.82	435	108	54
1998	1739	50.6083	-1.9009	51	NA	1	6.65	4.28	9.09	7.11	4.02	10.3	452	116	53
1998	1742	50.7781	-0.8945	49	3	3	6.06	3.26	8.82	6.7	3.05	10.48	454	117	54
1998	1745	50.9393	0.119	56	NA	1	5.95	2.74	8.95	6.63	2.55	10.66	455	118	54
1998	489	57.2177	-6.0998	48	NA	1	4.86	2.03	7.57	7.32	5.26	9.51	131	36	18
1998	730	56.4121	-2.7205	70	NA	1	4.8	2.19	7.39	8.23	5.88	10.71	195	48	26
1998	803	55.6777	-4.3675	55	NA	1	4.26	1.36	7.15	7.05	5.02	9.78	212	56	25
1998	999	54.6887	-3.4411	68	NA	1	4.48	2.01	7.29	7.27	5.02	9.88	253	67	33
1999	1035	54.2873	-4.413	47	2	2	5.34	3.57	7.79	5.13	3.32	7.64	271	66	32

1999	1078	54.3279	-2.8663	59.5	0.5	2	4.31	1.5	7.05	4.27	1.5	7.11	273	67	33
1999	1117	54.1165	-2.7623	63	NA	1	5.44	2.6	8.06	5.46	2.7	8.07	293	77	33
1999	1122	54.4058	-0.9529	64.5	420.5	2	3.87	1.36	6.83	3.58	0.78	6.93	296	78	34
1999	1155	53.8443	-3.0167	65	NA	1	5.92	3.5	8.44	5.78	3.51	8.06	293	77	33
1999	1161	54.1929	-0.858	66	NA	1	4.51	1.8	7.43	4.2	1.29	7.46	296	78	34
1999	1195	53.6933	-2.5575	64	NA	1	4.11	1.68	6.69	3.76	1.53	6.36	313	77	40
1999	1196	53.7527	-2.2007	77	NA	1	3.7	1.12	6.2	3.24	0.66	5.68	314	77	40
1999	1198	53.8683	-1.4842	47	242	2	4.95	2.14	7.82	4.71	1.84	7.63	315	78	40
1999	1199	53.9246	-1.1246	102	NA	1	5.13	2.03	8.22	4.87	1.66	8.14	315	78	40
1999	1232	53.3606	-3.1643	51	NA	1	6.06	3.67	8.64	5.92	3.79	8.25	312	76	39
1999	1233	53.4216	-2.8109	51	NA	1	5.94	3.49	8.58	5.8	3.56	8.22	313	77	40
1999	1235	53.5407	-2.1014	43	NA	1	5.17	2.71	7.94	4.86	2.59	7.8	314	77	40
1999	1236	53.5987	-1.7452	64	NA	1	5.54	2.51	8.15	5.38	2.26	7.9	314	77	40
1999	1237	53.6558	-1.3881	72	NA	1	5.56	2.57	8.46	5.38	2.32	8.26	315	78	40
1999	1238	53.7118	-1.03	70	NA	1	5.2	2.12	8.26	4.97	1.79	8.17	315	78	40
1999	1239	53.7669	-0.671	76	NA	1	5.46	2.38	8.3	5.1	1.86	8.2	316	78	41
1999	1240	53.8209	-0.3111	67	50	2	5.61	2.77	8.53	5.28	2.16	8.46	316	78	41
1999	1273	53.2698	-2.3568	71	2	2	5.25	2.34	8.29	5.26	2.39	8.31	333	87	40
1999	1275	53.3864	-1.6484	67	120	4	5.16	2.63	7.67	4.83	2.17	7.23	334	87	40
1999	1276	53.4432	-1.2928	59	NA	1	4.96	2.28	7.77	4.59	1.83	7.47	335	88	40
1999	1311	52.9985	-2.6092	59	NA	1	5.08	2.1	8.15	5.01	2.23	7.94	333	87	40
1999	1312	53.058	-2.2579	59.5	84.5	2	4.58	1.88	7.41	4.31	1.77	7.15	333	87	40
1999	1313	53.1165	-1.9057	66	NA	1	3.81	1.16	6.32	3.34	0.75	5.65	334	87	40
1999	1315	53.2305	-1.1985	89	NA	1	4.79	2.14	7.54	4.39	1.67	7.16	335	88	40
1999	1317	53.3406	-0.4877	67.5	40.5	2	5.1	1.95	8.25	4.79	1.43	8.16	336	88	41
1999	1350	52.7868	-2.5098	64	NA	1	5.07	1.73	8.32	5.07	1.97	8.13	353	87	40
1999	1353	52.9615	-1.4577	59	NA	1	5.72	2.48	8.76	5.45	2.21	8.45	354	87	40
1999	1354	53.0178	-1.1052	65.67	41.33	3	5.43	2.38	8.36	5.1	2.01	8.07	355	88	40
1999	1356	53.1273	-0.3975	77	NA	1	5.14	2.13	8.14	4.8	1.65	7.96	356	88	41
1999	1384	52.266	-4.1389	48	NA	1	5.67	2.44	8.83	5.63	2.82	8.36	350	85	39
1999	1385	52.3297	-3.7953	47	NA	1	3.41	0.64	6.14	2.94	0.5	5.29	351	86	39
1999	1390	52.634	-2.0631	60.67	352.33	3	5.22	2.28	8.22	4.97	2.07	7.94	353	87	40
1999	1392	52.7489	-1.3637	57	NA	1	5.3	2.26	8.44	4.96	1.91	8.14	354	87	40
1999	1394	52.86	-0.6609	74	NA	1	5.38	2.17	8.55	5.07	1.76	8.31	355	88	40
1999	1420	51.8596	-5.0552	17	NA	1	5.82	2.53	8.82	5.7	2.86	8.32	369	95	45
1999	1424	52.119	-3.6921	29	NA	1	5.07	1.84	7.99	4.88	2.06	7.45	371	96	46
1999	1428	52.3632	-2.3139	74	NA	1	5.35	2.3	8.52	4.98	1.94	8.28	373	97	47
1999	1429	52.4219	-1.9671	55	22	4	5.66	2.78	8.46	5.35	2.48	8.05	373	97	47
1999	1430	52.4796	-1.6193	68	72	2	5.31	2.2	8.44	4.95	1.84	8.05	374	97	47
1999	1431	52.5363	-1.2707	73	NA	1	4.9	1.92	8.03	4.5	1.49	7.7	374	97	47
1999	1432	52.5921	-0.9212	58	NA	1	4.97	1.87	8.17	4.56	1.44	7.9	375	98	47
1999	1434	52.7006	-0.2196	77	NA	1	5.52	2.28	8.73	5.11	1.72	8.45	376	98	48
1999	1435	52.7533	0.1324	63	NA	1	5.42	2.54	8.38	4.95	1.92	8.04	376	98	48
1999	1436	52.8051	0.4853	69	NA	1	4.82	1.72	7.94	4.21	0.99	7.49	377	99	48
1999	1460	51.7159	-4.6095	30	NA	1	6.17	3.12	9.31	5.99	3.44	8.63	369	95	45
1999	1473	52.4871	-0.132	57.25	379.58	4	5.64	2.47	8.82	5.13	1.75	8.46	376	98	48
1999	1477	52.6912	1.2748	70	169	3	5.56	2.53	8.59	4.61	1.35	7.85	378	99	48
1999	1501	51.6344	-3.828	75	NA	1	4.56	1.85	7.45	3.96	1.74	6.7	390	95	46
1999	1503	51.7592	-3.1482	50	NA	1	5.15	1.97	8	4.9	1.84	7.32	391	96	46
1999	1504	51.8202	-2.8069	51	NA	1	5.56	2.57	8.61	5.06	2.23	8.03	392	96	46
1999	1505	51.8803	-2.4648	51	NA	1	6.11	2.97	9.21	5.78	2.72	8.65	392	96	46
1999	1506	51.9393	-2.1217	72	2	2	5.98	2.9	9.13	5.61	2.61	8.72	393	97	47
1999	1508	52.0546	-1.433	61	0	3	5.29	2.15	8.43	4.8	1.62	7.95	394	97	47
1999	1509	52.1108	-1.0873	56	32	2	5.08	1.93	8.22	4.52	1.33	7.69	394	97	47
1999	1511	52.2203	-0.3934	73	NA	1	5.7	2.4	8.89	5.13	1.71	8.42	395	98	47
1999	1512	52.2736	-0.0453	67.5	61.67	4	5.77	2.61	8.88	5.14	1.79	8.42	396	98	48
1999	1514	52.3771	0.6535	116	NA	1	5.51	2.07	8.86	4.65	0.98	8.24	397	99	48
1999	1541	51.4863	-3.3882	32.5	12.5	2	6.17	3	9.26	5.85	2.99	8.58	391	96	46
1999	1542	51.548	-3.0492	51	NA	1	6.01	2.55	9.07	5.84	2.65	8.51	391	96	46
1999	1544	51.6685	-2.3686	63	NA	1	6.41	3.15	9.43	5.97	2.85	8.82	392	96	46
1999	1545	51.7273	-2.027	62	NA	1	5.54	2.36	8.58	5.05	1.94	7.99	393	97	47
1999	1547	51.842	-1.3411	65	NA	1	5.99	2.91	8.95	5.47	2.38	8.44	394	97	47
1999	1548	51.898	-0.9969	67	338	2	5.37	2.28	8.53	4.77	1.63	8.01	394	97	47
1999	1549	51.953	-0.6519	67	NA	1	5.82	2.58	8.98	5.23	1.86	8.47	395	98	47
1999	1550	52.007	-0.306	66	NA	1	5.71	2.47	8.93	5.08	1.71	8.43	395	98	47

1999	1551	52.06	0.0407	74	2	2	5.59	2.42	8.82	4.85	1.52	8.26	396	98	48
1999	1552	52.112	0.3882	75.5	12.5	2	5.32	2.24	8.45	4.47	1.23	7.8	396	98	48
1999	1554	52.2131	1.0855	62	NA	1	5.43	2.37	8.47	4.48	1.22	7.72	397	99	48
1999	1581	51.3366	-2.9512	51	2	2	6.31	3.43	9.62	5.85	3.28	8.9	411	106	46
1999	1582	51.3971	-2.6127	56	400.67	4	6.33	3.42	9.44	5.8	3.11	8.64	412	106	46
1999	1586	51.6294	-1.2501	79	NA	1	5.72	2.57	8.94	5.11	1.87	8.46	414	107	47
1999	1588	51.7398	-0.5638	51.5	924.5	2	5.34	2.36	8.27	4.63	1.52	7.65	415	108	47
1999	1589	51.7935	-0.2194	47.67	460.33	3	5.79	2.6	8.87	4.99	1.64	8.24	415	108	47
1999	1592	51.9489	0.8185	69	217	3	5.84	2.8	8.86	4.86	1.58	8.1	417	109	48
1999	1619	51.0641	-3.1903	57.5	684.5	2	6.84	3.61	9.91	6.31	3.34	9.04	411	106	46
1999	1620	51.1252	-2.854	28	NA	1	6.79	3.42	10.08	6.38	3.24	9.37	411	106	46
1999	1622	51.2446	-2.179	53	NA	1	6.02	2.83	9.15	5.53	2.49	8.42	412	106	46
1999	1623	51.3029	-1.8401	61	NA	1	5.49	2.37	8.68	4.83	1.8	8.03	413	107	47
1999	1624	51.3603	-1.5005	60	NA	1	5.89	2.56	8.98	5.3	1.89	8.39	413	107	47
1999	1625	51.4167	-1.16	70.5	544.5	2	6.1	2.98	9.04	5.48	2.3	8.47	414	107	47
1999	1626	51.4721	-0.8186	62.8	276.2	5	5.98	2.89	9.02	5.28	2.06	8.42	414	107	47
1999	1628	51.5801	-0.1336	78.5	420.5	2	6.35	3.59	9.12	5.49	2.52	8.47	415	108	47
1999	1631	51.7348	0.8999	67.5	180.5	2	5.93	3.15	8.64	4.85	1.87	7.75	417	109	48
1999	1653	50.5348	-4.754	26	NA	1	6.47	3.32	9.64	6.15	3.35	9.04	428	104	52
1999	1654	50.6002	-4.4235	26	NA	1	5.88	2.82	9.16	5.52	2.86	8.46	429	105	52
1999	1656	50.7284	-3.7598	19	NA	1	6.4	2.93	9.57	5.95	2.84	8.76	430	105	53
1999	1663	51.1477	-1.4097	34	NA	1	5.98	2.78	9.03	5.3	2.06	8.42	433	107	54
1999	1664	51.2039	-1.0707	88	NA	1	5.89	2.75	8.96	5.19	1.91	8.31	434	107	54
1999	1665	51.259	-0.7308	63.86	117.81	7	5.94	2.86	9.01	5.16	1.91	8.36	434	107	54
1999	1666	51.3133	-0.3901	79	NA	1	5.77	2.77	8.92	4.8	1.59	8.24	435	108	54
1999	1667	51.3665	-0.0486	35.6	460.3	5	6.7	3.96	9.49	5.75	2.79	8.74	435	108	54
1999	1669	51.4702	0.6367	59	NA	1	6.25	3.54	8.91	5.1	2.15	8.03	436	108	55
1999	1691	50.2588	-4.979	20	NA	1	7.59	4.87	10.52	7.26	4.85	9.88	428	104	52
1999	1694	50.4543	-3.9914	39	NA	1	4.95	1.95	7.65	4.11	1.72	6.72	429	105	52
1999	1695	50.5176	-3.6605	35.5	544.5	2	7.03	3.77	10.27	6.61	3.63	9.4	430	105	53
1999	1696	50.58	-3.3286	47	NA	1	5.92	3.07	8.96	5.16	2.76	7.83	430	105	53
1999	1698	50.7021	-2.6624	23	NA	1	5.53	2.48	8.81	4.82	1.92	7.93	431	106	53
1999	1700	50.8205	-1.9928	38	NA	1	5.95	2.56	9.15	5.32	2.08	8.42	432	106	53
1999	1701	50.8783	-1.6567	37	NA	1	5.97	2.66	9.29	5.35	2.06	8.64	433	107	54
1999	1705	51.0999	-0.3044	46	796	3	5.8	2.63	8.88	4.81	1.44	8.14	435	108	54
1999	1706	51.1529	0.0356	72.25	32.92	4	5.5	2.63	8.47	4.39	1.3	7.6	435	108	54
1999	1708	51.2561	0.718	75	NA	1	6.61	3.83	9.29	5.37	2.25	8.29	436	108	55
1999	1739	50.6083	-1.9009	45.5	144.5	2	7.03	4.21	9.91	6.22	3.51	8.94	452	116	53
1999	1742	50.7781	-0.8945	33	48	3	6.6	3.82	9.38	5.65	2.74	8.55	454	117	54
1999	1744	50.8865	-0.2196	29.5	84.5	2	6.61	4.03	9.24	5.31	2.45	8.25	455	118	54
1999	1745	50.9393	0.119	61	NA	1	6.48	3.41	9.35	5.34	2.01	8.53	455	118	54
1999	1784	50.7256	0.2017	79	NA	1	6.83	4.41	9.43	5.45	2.72	8.31	455	118	54
1999	413	57.7728	-5.5917	88	NA	1	4	2.8	5.84	2.97	1.6	5.07	112	26	11
1999	416	57.9725	-4.4249	69.5	40.5	2	2.69	-0.28	5.44	2.52	-1.16	5.86	114	27	12
1999	456	57.8267	-3.9118	77	NA	1	3.46	1.01	6.07	3.37	0.19	6.5	114	27	12
1999	489	57.2177	-6.0998	63	392	2	3.71	1.73	5.98	3.4	1.23	5.84	131	36	18
1999	490	57.2867	-5.7184	64	NA	1	2.96	1.14	5.52	2.55	0.46	5.68	132	36	18
1999	494	57.5524	-4.1796	87	NA	1	4.22	1.84	6.5	3.97	0.94	6.9	134	37	19
1999	573	57.195	-3.5556	73	NA	1	1.26	-1.4	4	0.95	-2.5	4.6	154	37	19
1999	605	56.5227	-6.0915	51	NA	1	4.65	2.15	6.93	4.53	1.97	7	151	36	18
1999	615	57.1663	-2.2844	90	NA	1	3.69	1.01	6.28	3.46	-0.05	6.8	156	38	20
1999	650	56.7109	-3.7056	78	NA	1	2.31	-0.49	4.54	2.29	-0.96	5.27	174	47	19
1999	653	56.8952	-2.5594	75	NA	1	3.4	0.82	5.73	3.29	-0.03	6.31	175	48	19
1999	684	56.1738	-5.4679	63.5	24.5	2	3.49	1.31	6.04	3.54	1.25	6.48	171	46	18
1999	724	56.0317	-4.9743	62	NA	1	4.72	2.04	6.84	4.9	1.87	7.31	192	46	25
1999	730	56.4121	-2.7205	60	NA	1	4.69	2.41	6.96	4.67	1.81	7.51	195	48	26
1999	800	55.4787	-5.4721	46	NA	1	5.16	2.77	7.76	5.35	2.91	8.24	211	56	25
1999	802	55.6124	-4.7369	74	NA	1	3.77	1.51	6.51	3.78	1.31	6.9	212	56	25
1999	803	55.6777	-4.3675	75	NA	1	3.98	1.45	6.66	4.05	1.3	7.17	212	56	25
1999	845	55.6565	-3.1422	77	NA	1	3.78	0.79	6.2	3.9	0.48	6.71	214	57	26
1999	882	55.321	-3.7711	75	18	2	1.62	-0.5	3.94	1.42	-0.75	4.09	233	57	26
2000	1004	54.9874	-1.6126	81	NA	1	4.64	1.73	7.53	5.25	2.14	8.33	255	68	33
2000	1035	54.2873	-4.413	57	242	2	5.35	3.41	7.83	5.75	3.71	8.23	271	66	32
2000	1043	54.775	-1.5129	76	NA	1	5.79	3.07	8.5	6.37	3.44	9.21	275	68	33
2000	1078	54.3279	-2.8663	59	189	3	4.01	1.04	7.01	5.14	2.28	8.1	273	67	33

2000	1082	54.5625	-1.4143	76.5	84.5	2	4.54	1.41	7.65	5.4	2.09	8.69	275	68	33
2000	1083	54.6187	-1.0488	74	50	2	4.93	2.13	7.97	5.75	2.59	8.97	276	68	34
2000	1117	54.1165	-2.7623	54	NA	1	4.93	1.97	7.75	6.21	3.3	8.94	293	77	33
2000	1122	54.4058	-0.9529	57	NA	1	3.64	0.76	6.65	4.34	1.2	7.71	296	78	34
2000	1155	53.8443	-3.0167	79	NA	1	5.45	2.98	8.01	6.56	4.05	9.07	293	77	33
2000	1158	54.0232	-1.9417	65	98	2	4.52	1.28	7.31	5.31	2.06	8.26	294	77	33
2000	1161	54.1929	-0.858	69	NA	1	4.21	1.38	7.39	5.22	2.1	8.6	296	78	34
2000	1190	53.3819	-4.3265	63	NA	1	6.57	4.42	8.67	7.15	4.99	9.33	311	76	39
2000	1194	53.633	-2.9133	69.5	12.5	2	5.04	2.3	7.91	6.33	3.45	9.24	313	77	40
2000	1195	53.6933	-2.5575	70	NA	1	3.7	1.25	6.28	4.57	2.11	7.43	313	77	40
2000	1196	53.7527	-2.2007	68	288	2	3.76	0.9	6.32	4.44	1.59	7.24	314	77	40
2000	1197	53.811	-1.843	61.33	212.33	3	4.38	1.55	7.05	5.14	2.28	8.03	314	77	40
2000	1198	53.8683	-1.4842	64	288	2	4.76	1.64	7.89	5.84	2.52	9.12	315	78	40
2000	1201	54.0342	-0.4025	79	NA	1	4.68	1.43	7.69	5.61	2.09	8.91	316	78	41
2000	1232	53.3606	-3.1643	42	NA	1	5.68	3.45	8.19	6.68	4.18	9.34	312	76	39
2000	1233	53.4216	-2.8109	43	NA	1	5.52	3.19	8.15	6.6	4.02	9.3	313	77	40
2000	1237	53.6558	-1.3881	74.5	84.5	2	4.89	1.94	7.86	5.92	2.75	9.06	315	78	40
2000	1238	53.7118	-1.03	73	NA	1	4.78	1.71	7.98	5.91	2.52	9.27	315	78	40
2000	1240	53.8209	-0.3111	70	NA	1	5.11	2.24	8.27	6.11	2.75	9.58	316	78	41
2000	1272	53.2101	-2.7096	67	NA	1	4.98	2.14	7.92	6.15	2.94	9.38	333	87	40
2000	1273	53.2698	-2.3568	68	NA	1	4.77	2.03	7.82	6.12	2.86	9.5	333	87	40
2000	1275	53.3864	-1.6484	70.25	692.92	4	4.92	2.22	7.37	5.61	2.8	8.38	334	87	40
2000	1276	53.4432	-1.2928	59	NA	1	4.61	1.85	7.5	5.47	2.48	8.64	335	88	40
2000	1277	53.499	-0.9363	79	NA	1	4.9	1.62	8.25	5.97	2.31	9.57	335	88	40
2000	1311	52.9985	-2.6092	56	NA	1	4.68	1.85	7.63	5.76	2.57	9.05	333	87	40
2000	1312	53.058	-2.2579	65.67	9.33	3	4.3	1.69	7.22	5.47	2.45	8.66	333	87	40
2000	1313	53.1165	-1.9057	70	NA	1	3.61	0.81	5.9	4.07	1.33	6.81	334	87	40
2000	1314	53.174	-1.5526	75.5	84.5	2	4.47	1.36	7.18	5.26	1.93	8.36	334	87	40
2000	1315	53.2305	-1.1985	62	NA	1	4.43	1.64	7.24	5.26	2.28	8.37	335	88	40
2000	1317	53.3406	-0.4877	64	NA	1	4.7	1.5	7.97	5.79	2.12	9.43	336	88	41
2000	1349	52.7267	-2.8587	56	NA	1	5.01	1.69	7.99	6.15	2.56	9.42	352	86	39
2000	1352	52.9043	-1.8093	64	NA	1	4.42	1.26	7.39	5.49	2.08	8.79	354	87	40
2000	1353	52.9615	-1.4577	64	NA	1	5.23	1.9	8.41	6.37	2.79	9.74	354	87	40
2000	1354	53.0178	-1.1052	69.5	0.5	2	4.94	1.85	7.95	5.95	2.61	9.25	355	88	40
2000	1356	53.1273	-0.3975	80.5	364.5	2	4.78	1.62	7.96	5.86	2.31	9.4	356	88	41
2000	1384	52.266	-4.1389	53	NA	1	4.82	1.76	7.88	6.28	3.2	9.25	350	85	39
2000	1385	52.3297	-3.7953	65	NA	1	2.84	-0.1	5.25	3.5	0.9	6.31	351	86	39
2000	1388	52.5152	-2.7588	78	NA	1	3.89	1.01	6.93	5.07	2	8.38	352	86	39
2000	1389	52.5751	-2.4114	60	NA	1	4.34	1.26	7.54	5.59	2.29	9.04	353	87	40
2000	1390	52.634	-2.0631	55.67	496.33	3	4.61	1.65	7.65	5.82	2.53	9.19	353	87	40
2000	1391	52.692	-1.7139	74	NA	1	4.79	1.49	7.91	5.98	2.34	9.44	354	87	40
2000	1392	52.7489	-1.3637	69.8	9.2	5	4.57	1.34	7.81	5.74	2.25	9.29	354	87	40
2000	1393	52.8049	-1.0127	68	19	3	4.58	1.34	7.94	5.74	2.18	9.37	355	88	40
2000	1394	52.86	-0.6609	68	NA	1	4.89	1.58	8.23	6.05	2.35	9.63	355	88	40
2000	1424	52.119	-3.6921	31	NA	1	4.17	1.02	7.02	5.52	2.44	8.44	371	96	46
2000	1425	52.1815	-3.3489	45	NA	1	2.53	-0.19	4.95	3.26	0.76	6.13	371	96	46
2000	1426	52.243	-3.0048	62	NA	1	4.36	1.16	7.1	5.53	2.34	8.52	372	96	46
2000	1428	52.3632	-2.3139	77	NA	1	4.57	1.54	7.88	5.88	2.41	9.56	373	97	47
2000	1429	52.4219	-1.9671	62.5	46.33	4	5.05	2.08	7.86	6.19	2.97	9.33	373	97	47
2000	1430	52.4796	-1.6193	64.5	40.5	2	4.59	1.36	7.84	5.84	2.34	9.37	374	97	47
2000	1431	52.5363	-1.2707	70.1	30.77	10	4.53	1.37	7.78	5.81	2.32	9.37	374	97	47
2000	1432	52.5921	-0.9212	75.6	465.16	10	4.36	1.19	7.71	5.57	2.07	9.23	375	98	47
2000	1434	52.7006	-0.2196	63.5	60.5	2	4.84	1.57	8.12	6.05	2.37	9.68	376	98	48
2000	1436	52.8051	0.4853	74	50	2	4.77	1.99	7.71	5.8	2.57	9.1	377	99	48
2000	1460	51.7159	-4.6095	30.5	0.5	2	5.28	2.35	8.33	6.56	3.8	9.39	369	95	45
2000	1462	51.845	-3.9307	45	NA	1	4.52	1.34	7.41	5.87	2.76	8.84	370	95	46
2000	1463	51.9082	-3.5899	67	NA	1	3.94	0.75	6.73	5.11	2.05	8.1	371	96	46
2000	1470	52.3236	-1.1786	63	NA	1	4.53	1.33	7.79	5.83	2.3	9.37	374	97	47
2000	1472	52.4336	-0.4817	66	8	2	4.73	1.36	8.02	5.92	2.22	9.56	375	98	47
2000	1473	52.4871	-0.132	68.33	16.33	3	5.02	1.74	8.29	6.22	2.52	9.88	376	98	48
2000	1477	52.6912	1.2748	70.5	86.33	4	5.04	2.11	7.99	5.98	2.6	9.35	378	99	48
2000	1501	51.6344	-3.828	64	NA	1	3.44	0.81	6.33	4.75	2.21	7.78	390	95	46
2000	1505	51.8803	-2.4648	51.67	66.33	3	4.89	1.67	8.03	6.41	3.08	9.69	392	96	46
2000	1506	51.9393	-2.1217	58	7	3	4.98	1.81	8.3	6.57	3.11	10.04	393	97	47
2000	1508	52.0546	-1.433	63	0	3	4.37	1.02	7.72	5.79	2.18	9.41	394	97	47

2000	1509	52.1108	-1.0873	56	NA	1	4.19	0.83	7.48	5.5	1.92	9.11	394	97	47
2000	1510	52.1661	-0.7408	67	NA	1	4.8	1.48	8.08	6.18	2.46	9.8	395	98	47
2000	1511	52.2203	-0.3934	70.5	40.5	2	4.75	1.42	8.03	6.07	2.36	9.71	395	98	47
2000	1512	52.2736	-0.0453	66	NA	1	5.11	1.87	8.27	6.33	2.61	9.92	396	98	48
2000	1514	52.3771	0.6535	75	NA	1	4.95	1.79	8.17	6.17	2.53	9.79	397	99	48
2000	1515	52.4274	1.0041	86	NA	1	4.67	1.59	7.76	5.77	2.25	9.31	397	99	48
2000	1541	51.4863	-3.3882	35	NA	1	5.11	2.14	8.15	6.76	3.73	9.82	391	96	46
2000	1542	51.548	-3.0492	58	NA	1	4.9	1.41	7.93	6.65	3.19	9.74	391	96	46
2000	1543	51.6087	-2.7094	61	NA	1	5.42	2.2	8.53	7.14	3.77	10.27	392	96	46
2000	1545	51.7273	-2.027	60	NA	1	4.57	1.31	7.82	6.19	2.72	9.6	393	97	47
2000	1547	51.842	-1.3411	75	NA	1	4.91	1.61	8.12	6.55	3.03	9.96	394	97	47
2000	1548	51.898	-0.9969	73.5	84.5	2	4.34	0.87	7.77	5.78	2.07	9.5	394	97	47
2000	1549	51.953	-0.6519	72	NA	1	4.85	1.58	8.03	6.19	2.57	9.74	395	98	47
2000	1550	52.007	-0.306	84.33	226.33	3	4.81	1.57	8.12	6.15	2.5	9.8	395	98	47
2000	1551	52.06	0.0407	67	8	2	4.49	1.3	7.8	5.81	2.23	9.5	396	98	48
2000	1552	52.112	0.3882	72.4	140.8	5	4.48	1.31	7.66	5.73	2.17	9.33	396	98	48
2000	1554	52.2131	1.0855	70	NA	1	4.66	1.63	7.7	5.83	2.39	9.27	397	99	48
2000	1581	51.3366	-2.9512	50	NA	1	4.76	2.17	8.15	6.63	3.88	9.91	411	106	46
2000	1582	51.3971	-2.6127	46	75	3	4.92	1.95	8.16	6.69	3.58	9.92	412	106	46
2000	1585	51.5727	-1.592	74	18	2	4.19	0.89	7.49	5.79	2.33	9.35	413	107	47
2000	1586	51.6294	-1.2501	72	NA	1	4.59	1.15	7.9	6.19	2.55	9.76	414	107	47
2000	1587	51.6851	-0.9074	70	NA	1	4.26	1.16	7.45	5.8	2.46	9.29	414	107	47
2000	1588	51.7398	-0.5638	65.33	102.33	3	4.29	1.12	7.35	5.69	2.33	9.11	415	108	47
2000	1589	51.7935	-0.2194	59.25	122.25	4	4.67	1.37	7.83	6.06	2.48	9.61	415	108	47
2000	1592	51.9489	0.8185	70.17	53.37	6	4.84	1.77	7.91	6.14	2.68	9.61	417	109	48
2000	1593	51.9988	1.1661	70	NA	1	5.1	2.17	7.94	6.31	3.09	9.42	417	109	48
2000	1594	52.0476	1.5143	75	NA	1	5.62	3.01	8.19	6.46	3.56	9.3	418	109	48
2000	1617	50.9391	-3.8601	36	NA	1	5.04	1.88	8.03	6.79	3.64	9.72	410	105	46
2000	1620	51.1252	-2.854	29	NA	1	5.51	2.14	8.82	7.37	3.92	10.66	411	106	46
2000	1622	51.2446	-2.179	52	18	2	4.74	1.29	8.08	6.62	3.13	9.98	412	106	46
2000	1623	51.3029	-1.8401	69	NA	1	4.17	0.87	7.59	5.99	2.56	9.52	413	107	47
2000	1624	51.3603	-1.5005	59	NA	1	4.66	1	8	6.45	2.66	9.96	413	107	47
2000	1625	51.4167	-1.16	57.5	0.5	2	4.71	1.26	7.95	6.45	2.9	9.86	414	107	47
2000	1626	51.4721	-0.8186	83	683.5	5	4.77	1.34	8.05	6.5	2.93	9.97	414	107	47
2000	1627	51.5266	-0.4765	62	NA	1	5.1	1.59	8.44	6.89	3.17	10.4	415	108	47
2000	1628	51.5801	-0.1336	68	32	2	5.22	2.25	8.2	6.77	3.5	10.07	415	108	47
2000	1630	51.6842	0.5546	73	NA	1	4.94	1.74	8.02	6.25	2.64	9.78	416	108	48
2000	1631	51.7348	0.8999	72.5	12.5	2	4.92	2.06	7.73	6.25	3.07	9.37	417	109	48
2000	1654	50.6002	-4.4235	31	NA	1	4.64	1.71	7.81	6.43	3.65	9.46	429	105	52
2000	1656	50.7284	-3.7598	30	NA	1	5.18	1.79	8.26	6.95	3.64	9.95	430	105	53
2000	1662	51.0906	-1.748	39	NA	1	4.56	0.96	8.1	6.59	3	10.12	433	107	54
2000	1663	51.1477	-1.4097	57	NA	1	4.57	1.07	7.98	6.53	2.91	9.99	433	107	54
2000	1665	51.259	-0.7308	64	66	4	4.62	1.15	8.03	6.43	2.83	9.98	434	107	54
2000	1666	51.3133	-0.3901	59	271	3	5.05	1.74	8.47	6.86	3.28	10.46	435	108	54
2000	1667	51.3665	-0.0486	59.75	126.92	4	5.26	2.19	8.37	6.9	3.58	10.24	435	108	54
2000	1668	51.4188	0.2937	55.5	84.5	2	5.39	2.15	8.49	6.95	3.42	10.31	436	108	55
2000	1669	51.4702	0.6367	58.33	10.33	3	5.18	2.33	7.96	6.58	3.42	9.73	436	108	55
2000	1694	50.4543	-3.9914	31.67	32.33	3	4.69	1.43	7.58	6.32	3.43	9.11	429	105	52
2000	1695	50.5176	-3.6605	52	NA	1	6.18	2.91	9.25	8.04	4.91	10.86	430	105	53
2000	1696	50.58	-3.3286	47	NA	1	4.64	1.76	7.67	6.24	3.66	9.12	430	105	53
2000	1698	50.7021	-2.6624	14	NA	1	4.17	0.87	7.59	5.93	2.77	9.32	431	106	53
2000	1699	50.7618	-2.328	52	NA	1	4.2	0.85	7.66	6	2.81	9.43	432	106	53
2000	1700	50.8205	-1.9928	38.5	60.5	2	4.44	0.72	8.07	6.48	2.88	10.03	432	106	53
2000	1701	50.8783	-1.6567	53.5	840.5	2	4.81	1.39	8.3	6.82	3.49	10.2	433	107	54
2000	1702	50.9351	-1.3198	45	NA	1	4.4	0.95	8.07	6.42	3	10.03	433	107	54
2000	1703	50.991	-0.9822	41	NA	1	4.74	1.09	8.2	6.63	2.93	10.15	434	107	54
2000	1705	51.0999	-0.3044	70	NA	1	4.38	1.04	7.89	6.15	2.61	9.9	435	108	54
2000	1706	51.1529	0.0356	65	61	3	4.08	0.79	7.35	5.72	2.34	9.24	435	108	54
2000	1707	51.205	0.3764	75	NA	1	4.75	1.32	8.01	6.52	2.85	10.01	436	108	55
2000	1708	51.2561	0.718	69	8	2	4.96	1.79	8.01	6.55	3.1	9.88	436	108	55
2000	1709	51.3062	1.0603	63	18	2	4.91	1.94	7.85	6.37	3.09	9.63	437	109	55
2000	1739	50.6083	-1.9009	33	NA	1	5.61	2.65	8.57	7.4	4.76	10.1	452	116	53
2000	1742	50.7781	-0.8945	50	0	2	5.03	1.83	8.29	7	3.82	10.13	454	117	54
2000	1743	50.8328	-0.5574	70	NA	1	4.72	1.53	8.19	6.72	3.48	10.13	454	117	54
2000	1744	50.8865	-0.2196	44.67	70.33	3	5.05	2.08	8.17	6.79	3.76	9.94	455	118	54

2000	414	57.8404	-5.2041	58	NA	1	4.38	2.32	6.52	3.43	1.31	5.94	113	27	12
2000	416	57.9725	-4.4249	81.33	212.33	3	3.99	0.61	7.24	3.63	-0.01	7.12	114	27	12
2000	456	57.8267	-3.9118	75	NA	1	4.61	1.69	7.66	4.27	1.2	7.46	114	27	12
2000	489	57.2177	-6.0998	51	NA	1	5.38	2.95	7.72	4.98	2.47	7.57	131	36	18
2000	493	57.4876	-4.5663	70	NA	1	4.28	1.78	7.15	3.92	1.28	6.92	133	37	19
2000	494	57.5524	-4.1796	75.33	108.33	3	5.27	2.35	7.98	4.92	1.88	7.69	134	37	19
2000	573	57.195	-3.5556	67	NA	1	2.26	-0.92	5.52	1.86	-1.45	5.5	154	37	19
2000	614	57.1067	-2.6706	72	NA	1	3.53	0.46	6.53	3.3	0.19	6.54	155	38	19
2000	615	57.1663	-2.2844	97	NA	1	4.04	0.84	7.24	4.08	0.75	7.43	156	38	20
2000	684	56.1738	-5.4679	62	0	2	4.12	1.73	7.11	4.24	1.81	7.2	171	46	18
2000	723	55.9647	-5.3457	62	NA	1	4.13	1.75	6.9	3.99	1.7	6.89	191	46	25
2000	724	56.0317	-4.9743	57	NA	1	5.36	2.25	7.95	5.52	2.48	7.98	192	46	25
2000	726	56.1626	-4.2278	64	NA	1	4.14	1.16	7.35	4.38	1.38	7.51	193	47	26
2000	730	56.4121	-2.7205	58	NA	1	5.27	2.41	8.16	5.42	2.51	8.25	195	48	26
2000	800	55.4787	-5.4721	46	NA	1	5.52	3.1	8.58	5.96	3.32	8.9	211	56	25
2000	803	55.6777	-4.3675	70	NA	1	4.32	1.53	7.52	4.79	1.98	7.85	212	56	25
2000	806	55.8676	-3.2524	55	NA	1	5.64	2.69	8.37	5.85	2.9	8.54	214	57	26
2000	845	55.6565	-3.1422	74	50	2	3.71	0.64	6.55	3.97	0.91	6.9	214	57	26
2000	882	55.321	-3.7711	67	32	2	1.98	-0.51	4.55	2.06	-0.06	4.75	233	57	26
2000	960	54.8996	-3.5499	66	NA	1	4.9	2.15	7.78	5.69	3	8.37	253	67	33
2000	965	55.1998	-1.7133	60	NA	1	5.58	3.06	8.15	5.99	3.19	8.78	255	68	33
2000	999	54.6887	-3.4411	81	NA	1	4.35	1.85	7.4	5.32	2.67	8.28	253	67	33
2001	1002	54.871	-2.3471	78	NA	1	0.97	-1.16	3.03	1.3	-1.68	4.05	254	67	33
2001	1003	54.9297	-1.9803	72.25	55.58	4	2.8	0.44	5.1	3.2	-0.25	6.61	255	68	33
2001	1004	54.9874	-1.6126	82.5	99.5	6	3.25	0.81	5.76	3.79	0.41	7.1	255	68	33
2001	1039	54.5392	-2.9713	79	NA	1	0.18	-1.4	2.28	0.07	-2.08	2.39	273	67	33
2001	1040	54.5997	-2.6083	72	NA	1	-0.51	-2.57	1.65	-0.39	-3.13	2.35	274	67	33
2001	1042	54.7176	-1.879	74	NA	1	2.39	-0.11	4.79	3.04	-0.5	6.43	275	68	33
2001	1078	54.3279	-2.8663	71.29	212.24	7	2.26	-0.52	5.28	2.83	-0.62	6.34	273	67	33
2001	1081	54.5054	-1.7788	69	648	2	2.73	-0.44	5.71	3.23	-0.75	6.77	275	68	33
2001	1082	54.5625	-1.4143	90.67	6.33	3	2.62	-0.26	5.51	3.25	-0.52	6.97	275	68	33
2001	1083	54.6187	-1.0488	81.5	264.5	2	3.63	0.98	6.36	4.35	0.72	7.75	276	68	34
2001	1116	54.0556	-3.1212	64	0	2	3.04	0.38	5.7	3.54	0.17	6.86	293	77	33
2001	1117	54.1165	-2.7623	72	75.6	6	3.1	0.29	5.95	3.68	0.29	7.04	293	77	33
2001	1118	54.1764	-2.4024	76.5	75.67	4	1.86	-0.62	4.3	2.26	-0.9	5.37	294	77	33
2001	1119	54.2352	-2.0415	74	NA	1	1.68	-0.94	4.26	2.16	-1.26	5.48	294	77	33
2001	1120	54.2931	-1.6796	55	NA	1	2.54	-0.43	5.47	3.16	-0.68	7.04	295	78	33
2001	1121	54.35	-1.3167	85.5	12.5	2	2.17	-0.4	4.79	2.68	-0.84	6.26	295	78	33
2001	1122	54.4058	-0.9529	83.75	688.92	4	1.98	-0.62	4.61	2.57	-0.97	5.96	296	78	34
2001	1155	53.8443	-3.0167	80	144	3	3.2	0.33	6.06	3.96	0.52	7.38	293	77	33
2001	1156	53.9049	-2.6594	85.33	264.33	3	2.4	-0.16	5.06	2.99	-0.22	6.24	293	77	33
2001	1158	54.0232	-1.9417	70	NA	1	2.84	0.11	5.58	3.51	-0.04	7.02	294	77	33
2001	1159	54.0808	-1.5814	72.25	84.92	4	2.35	-0.45	5.17	2.97	-0.68	6.6	295	78	33
2001	1160	54.1373	-1.2202	85	NA	1	2.56	-0.25	5.5	3.3	-0.38	7.15	295	78	33
2001	1161	54.1929	-0.858	74.33	161.33	3	2.27	-0.55	5.22	3.12	-0.55	6.82	296	78	34
2001	1162	54.2475	-0.4948	86	18	2	3.35	0.8	5.99	3.97	0.57	7.31	296	78	34
2001	1193	53.5717	-3.2681	79	162	2	3.45	0.79	6.16	4.27	1.1	7.46	312	76	39
2001	1194	53.633	-2.9133	87.33	17.33	3	3.18	0.44	5.9	3.95	0.7	7.25	313	77	40
2001	1195	53.6933	-2.5575	69.5	0.5	2	3.03	0.34	5.74	3.83	0.47	7.1	313	77	40
2001	1196	53.7527	-2.2007	86	182.5	5	1.91	-0.61	4.41	2.47	-0.75	5.71	314	77	40
2001	1197	53.811	-1.843	78.22	215.19	9	2.47	-0.07	5.07	3.22	-0.13	6.59	314	77	40
2001	1198	53.8683	-1.4842	78.09	121.09	11	2.76	0.1	5.63	3.58	0.07	7.21	315	78	40
2001	1199	53.9246	-1.1246	107.67	826.33	3	2.89	0.03	5.89	3.72	-0.09	7.57	315	78	40
2001	1201	54.0342	-0.4025	79	288	2	2.96	0	5.99	3.9	0.12	7.67	316	78	41
2001	1202	54.0875	-0.04	79	NA	1	3.88	1.56	6.17	4.39	1.37	7.3	317	79	41
2001	1229	53.1717	-4.2182	83	NA	1	4.5	1.67	7.33	5.29	1.96	8.62	311	76	39
2001	1231	53.2986	-3.5166	71	NA	1	3.77	1.14	6.4	4.51	1.39	7.6	312	76	39
2001	1232	53.3606	-3.1643	72.5	612.5	2	3.5	1	6.03	4.43	1.45	7.42	312	76	39
2001	1233	53.4216	-2.8109	76.33	124.33	3	3.23	0.42	6.11	4.12	0.71	7.49	313	77	40
2001	1234	53.4816	-2.4567	80	20.67	4	3.39	0.7	6.2	4.36	0.96	7.87	313	77	40
2001	1235	53.5407	-2.1014	62.75	152.79	8	2.19	-0.17	4.68	2.97	-0.14	6.21	314	77	40
2001	1236	53.5987	-1.7452	83.43	100.29	7	2.81	0.2	5.48	3.71	0.32	7.18	314	77	40
2001	1237	53.6558	-1.3881	82.13	224.41	8	3.01	0.29	5.82	3.92	0.37	7.58	315	78	40
2001	1238	53.7118	-1.03	59	NA	1	2.89	0.07	5.81	3.81	0.01	7.61	315	78	40
2001	1240	53.8209	-0.3111	80.2	153.2	5	3.53	0.73	6.41	4.6	0.83	8.3	316	78	41

2001	1267	52.8967	-4.4588	35	NA	1	4.47	2.15	6.86	4.81	1.89	7.67	330	85	39
2001	1268	52.9613	-4.1109	44.67	158.33	3	4.1	1.44	6.62	4.55	1.34	7.8	331	86	39
2001	1271	53.1494	-3.0614	78	NA	1	2.86	-0.44	6.08	3.85	-0.02	7.65	332	86	39
2001	1272	53.2101	-2.7096	72.33	9.33	3	2.76	-0.51	6.13	4.06	0.24	7.96	333	87	40
2001	1273	53.2698	-2.3568	80.89	114.86	9	3.31	0.63	6.01	4.41	0.95	7.89	333	87	40
2001	1274	53.3286	-2.0031	74.73	273.02	11	2.63	0.1	5.18	3.59	0.27	6.98	334	87	40
2001	1275	53.3864	-1.6484	77.69	168.56	13	2.86	0.43	5.38	3.91	0.52	7.36	334	87	40
2001	1276	53.4432	-1.2928	70	14.67	4	2.51	-0.08	5.27	3.6	-0.07	7.31	335	88	40
2001	1277	53.499	-0.9363	66	NA	1	3.14	0.19	6.19	4.32	0.38	8.31	335	88	40
2001	1278	53.5538	-0.5789	66	NA	1	2.82	-0.11	5.76	3.95	0.06	7.9	336	88	41
2001	1279	53.6075	-0.2206	82	91.6	6	3.08	0.13	6.07	4.23	0.44	7.98	336	88	41
2001	1308	52.8142	-3.6573	46	NA	1	2.38	-0.46	5.23	3.14	-0.48	6.73	331	86	39
2001	1309	52.8766	-3.3089	71	NA	1	2.47	-0.47	5.35	3.47	-0.18	7.02	332	86	39
2001	1310	52.938	-2.9595	45	NA	1	2.65	-0.1	5.37	3.68	0.14	7.11	332	86	39
2001	1311	52.9985	-2.6092	66.67	9.33	3	2.89	-0.06	5.8	4.08	0.44	7.77	333	87	40
2001	1312	53.058	-2.2579	71.25	265.07	8	2.23	-0.39	4.82	3.32	-0.09	6.74	333	87	40
2001	1313	53.1165	-1.9057	74	50	2	1.66	-0.9	4.16	2.64	-0.74	6.02	334	87	40
2001	1314	53.174	-1.5526	74	124.67	4	2.5	-0.17	5.23	3.75	0.17	7.41	334	87	40
2001	1315	53.2305	-1.1985	79	134.8	6	2.69	-0.1	5.55	4.03	0.28	7.79	335	88	40
2001	1316	53.286	-0.8436	85	128	2	2.78	-0.44	5.8	4.28	0.2	8.21	335	88	40
2001	1317	53.3406	-0.4877	75.67	117.47	6	2.91	0.04	5.85	4.16	0.27	8.11	336	88	41
2001	1318	53.3941	-0.131	66.5	12.5	2	2.9	0.23	5.76	4.07	0.48	7.59	336	88	41
2001	1346	52.5403	-3.8995	87.5	3280.5	2	2.24	0.06	4.4	2.77	-0.11	5.65	351	86	39
2001	1347	52.6034	-3.5535	58	50	2	1.86	-0.75	4.51	2.78	-0.61	6.14	351	86	39
2001	1348	52.6655	-3.2066	79	288	2	2.68	-0.08	5.42	3.79	0.2	7.33	352	86	39
2001	1349	52.7267	-2.8587	66	21	3	2.96	0.1	5.77	4.14	0.57	7.72	352	86	39
2001	1350	52.7868	-2.5098	78.5	60.5	2	2.83	-0.17	5.81	4.12	0.45	7.86	353	87	40
2001	1351	52.846	-2.16	81.5	4.5	2	2.59	-0.15	5.36	3.86	0.27	7.48	353	87	40
2001	1352	52.9043	-1.8093	81.33	352.33	3	2.52	-0.2	5.29	3.85	0.25	7.47	354	87	40
2001	1353	52.9615	-1.4577	90.4	593.3	5	3.04	0.2	5.88	4.45	0.76	8.16	354	87	40
2001	1354	53.0178	-1.1052	76.38	53.98	8	3	0.18	5.85	4.44	0.76	8.1	355	88	40
2001	1355	53.073	-0.7518	71	NA	1	2.78	-0.14	5.7	4.27	0.39	8.11	355	88	40
2001	1356	53.1273	-0.3975	77	162	2	2.78	0	5.6	4.16	0.45	7.9	356	88	41
2001	1383	52.2013	-4.4815	52	NA	1	3.86	1.16	6.58	4.69	1.33	8	350	85	39
2001	1384	52.266	-4.1389	53.33	0.33	3	3.71	0.89	6.55	4.56	0.97	8.09	350	85	39
2001	1385	52.3297	-3.7953	110	648	2	2.72	0.2	5.23	3.34	0.03	6.66	351	86	39
2001	1386	52.3925	-3.4507	85	1116	3	2.25	-0.62	5.12	3.16	-0.57	6.95	351	86	39
2001	1387	52.4543	-3.1052	80	NA	1	2.77	-0.23	5.61	3.85	0.09	7.67	352	86	39
2001	1388	52.5152	-2.7588	92	162	4	2.48	-0.3	5.3	3.66	0.07	7.3	352	86	39
2001	1389	52.5751	-2.4114	80.75	110.92	4	2.68	-0.17	5.73	4.03	0.3	7.89	353	87	40
2001	1390	52.634	-2.0631	75.3	377.12	10	2.87	0.14	5.57	4.14	0.53	7.77	353	87	40
2001	1391	52.692	-1.7139	83.89	508.86	9	2.89	0	5.67	4.21	0.48	7.96	354	87	40
2001	1392	52.7489	-1.3637	78.8	221.2	5	2.81	-0.1	5.72	4.28	0.52	8.06	354	87	40
2001	1393	52.8049	-1.0127	87.86	146.14	7	2.51	-0.36	5.4	3.99	0.23	7.75	355	88	40
2001	1394	52.86	-0.6609	87	158	4	2.56	-0.32	5.43	4.02	0.24	7.79	355	88	40
2001	1395	52.914	-0.3081	87	NA	1	2.97	0.28	5.64	4.31	0.83	7.79	356	88	41
2001	1420	51.8596	-5.0552	48	578	2	4.53	1.74	7.19	5.11	1.91	8.27	369	95	45
2001	1421	51.9258	-4.7158	42	18	2	3.86	0.92	6.78	4.75	1.28	8.2	369	95	45
2001	1422	51.9912	-4.3756	67	NA	1	2.74	-0.34	6.06	3.79	-0.03	7.68	370	95	46
2001	1423	52.0555	-4.0343	56.5	1404.5	2	2.97	0.4	5.54	3.75	0.37	7.07	370	95	46
2001	1424	52.119	-3.6921	35	32	2	2.48	-0.41	5.43	3.56	-0.24	7.37	371	96	46
2001	1425	52.1815	-3.3489	45	NA	1	1.8	-0.63	4.27	2.61	-0.76	5.98	371	96	46
2001	1426	52.243	-3.0048	80	392	2	2.75	-0.17	5.63	3.92	0.14	7.75	372	96	46
2001	1427	52.3036	-2.6598	68.8	43.7	5	2.5	-0.13	5.38	3.76	0.15	7.5	372	96	46
2001	1428	52.3632	-2.3139	69.67	2.33	3	3.16	0.16	6.08	4.48	0.63	8.37	373	97	47
2001	1429	52.4219	-1.9671	76.47	127.27	15	3.08	0.44	5.69	4.35	0.83	7.84	373	97	47
2001	1430	52.4796	-1.6193	80.38	133.7	8	2.95	0.19	5.74	4.35	0.74	7.96	374	97	47
2001	1431	52.5363	-1.2707	80	62	6	2.51	-0.45	5.42	4.06	0.3	7.8	374	97	47
2001	1432	52.5921	-0.9212	77.67	100.33	3	2.11	-1.09	5.18	3.84	-0.1	7.7	375	98	47
2001	1434	52.7006	-0.2196	90	75.5	5	3.02	0.1	5.95	4.45	0.71	8.22	376	98	48
2001	1436	52.8051	0.4853	76	181	3	3.06	0.42	5.86	4.12	0.66	7.53	377	99	48
2001	1437	52.8559	0.839	103	NA	1	3.15	0.47	6	4.14	0.71	7.56	377	99	48
2001	1438	52.9056	1.1934	92	NA	1	4.11	1.78	6.64	4.86	1.89	7.74	378	99	48
2001	1460	51.7159	-4.6095	62.33	737.33	3	4.25	1.22	7.19	5.02	1.57	8.46	369	95	45
2001	1462	51.845	-3.9307	52.5	220.5	2	3.3	0.53	5.99	4.2	0.58	7.72	370	95	46

2001	1463	51.9082	-3.5899	56	NA	1	2.51	-0.16	5.18	3.36	-0.29	7.02	371	96	46
2001	1464	51.9704	-3.2481	87	NA	1	2.86	0.21	5.62	3.82	0.28	7.43	371	96	46
2001	1465	52.0317	-2.9054	70	50	2	3.08	0.28	5.87	4.21	0.48	7.92	372	96	46
2001	1466	52.092	-2.5618	85	NA	1	3.25	0.25	6.24	4.55	0.63	8.47	372	96	46
2001	1467	52.1513	-2.2173	75	124	3	3.71	0.89	6.51	4.97	1.24	8.74	373	97	47
2001	1468	52.2097	-1.872	80.33	178.5	9	3.09	0.11	6.05	4.42	0.68	8.19	373	97	47
2001	1469	52.2672	-1.5257	73.71	188.57	7	3	-0.05	5.98	4.4	0.68	8.08	374	97	47
2001	1470	52.3236	-1.1786	78.5	103	4	2.58	-0.26	5.4	4.02	0.38	7.62	374	97	47
2001	1471	52.3791	-0.8306	89	1030	4	2.64	-0.38	5.64	4.19	0.38	8.01	375	98	47
2001	1472	52.4336	-0.4817	87	392	2	3.1	0.08	6.12	4.69	0.88	8.48	375	98	47
2001	1473	52.4871	-0.132	72	109	3	3.13	0.09	6.2	4.62	0.74	8.51	376	98	48
2001	1474	52.5396	0.2185	70	NA	1	3.18	0.53	6.14	4.61	1.17	8.29	376	98	48
2001	1475	52.5912	0.5698	71	NA	1	3.21	0.25	6.22	4.51	0.86	8.14	377	99	48
2001	1476	52.6417	0.9219	74.5	84.5	2	3.16	0.43	5.99	4.26	0.86	7.65	377	99	48
2001	1477	52.6912	1.2748	72.67	152.75	9	3.56	0.87	6.46	4.42	1.11	7.77	378	99	48
2001	1478	52.7397	1.6285	71	NA	1	3.95	1.53	6.48	4.56	1.54	7.53	378	99	48
2001	1501	51.6344	-3.828	51	NA	1	3.89	1.21	6.58	4.69	1.25	8.12	390	95	46
2001	1503	51.7592	-3.1482	66	NA	1	3.72	0.72	6.71	4.85	0.87	8.82	391	96	46
2001	1505	51.8803	-2.4648	58	129.5	5	3.48	0.76	6.28	4.71	1.08	8.42	392	96	46
2001	1506	51.9393	-2.1217	75	300.5	5	3.35	0.53	6.2	4.66	0.98	8.29	393	97	47
2001	1507	51.9975	-1.7778	69	NA	1	2.55	-0.12	5.27	3.79	0.24	7.18	393	97	47
2001	1508	52.0546	-1.433	64.6	207.8	5	2.8	-0.04	5.53	4.2	0.61	7.77	394	97	47
2001	1509	52.1108	-1.0873	69.67	22.33	3	2.73	-0.24	5.68	4.13	0.46	7.79	394	97	47
2001	1510	52.1661	-0.7408	97	NA	1	3.28	0.15	6.39	4.87	1.05	8.66	395	98	47
2001	1511	52.2203	-0.3934	70.67	1.33	3	3.15	0.1	6.18	4.71	0.94	8.48	395	98	47
2001	1512	52.2736	-0.0453	75.5	154.7	6	3.26	0.3	6.25	4.76	1.11	8.4	396	98	48
2001	1513	52.3259	0.3037	75.5	108.33	4	3.35	0.36	6.4	4.8	1.15	8.48	396	98	48
2001	1514	52.3771	0.6535	83	NA	1	3.28	0.38	6.3	4.5	0.96	8.08	397	99	48
2001	1515	52.4274	1.0041	94.67	9.33	3	3.23	0.42	6.1	4.28	0.73	7.65	397	99	48
2001	1517	52.525	1.7076	84.5	312.5	2	4.22	1.86	6.63	4.74	1.95	7.53	398	99	48
2001	1540	51.4237	-3.7263	25	NA	1	4.87	2.33	7.51	5.65	2.3	9.03	390	95	46
2001	1541	51.4863	-3.3882	36.5	4.5	2	4.2	1.47	6.97	5.2	1.7	8.8	391	96	46
2001	1542	51.548	-3.0492	60.36	333.85	11	4	1.16	6.91	5.14	1.39	8.97	391	96	46
2001	1543	51.6087	-2.7094	58	472.67	4	4.11	1.44	6.84	5.32	1.8	8.89	392	96	46
2001	1544	51.6685	-2.3686	59.6	101.3	5	3.75	1.06	6.54	5.08	1.39	8.83	392	96	46
2001	1545	51.7273	-2.027	65.5	220.5	2	3.03	0.26	5.84	4.35	0.79	7.98	393	97	47
2001	1546	51.7851	-1.6845	79	NA	1	3.13	0.27	5.99	4.59	0.99	8.23	393	97	47
2001	1547	51.842	-1.3411	70	4.67	4	3.3	0.43	6.17	4.78	1.17	8.42	394	97	47
2001	1548	51.898	-0.9969	67.6	45.8	5	3.16	0.3	6.03	4.65	1.08	8.24	394	97	47
2001	1549	51.953	-0.6519	72	20.67	4	3.11	0.26	5.98	4.62	1.11	8.06	395	98	47
2001	1550	52.007	-0.306	72.8	15.2	5	3.29	0.3	6.29	4.79	1.2	8.34	395	98	47
2001	1552	52.112	0.3882	76.5	109.67	4	2.85	-0.09	5.85	4.17	0.57	7.74	396	98	48
2001	1554	52.2131	1.0855	89.5	275	4	3.2	0.41	6.07	4.43	1.04	7.74	397	99	48
2001	1555	52.2622	1.4353	73	NA	1	4.44	1.88	7.07	4.99	2.12	7.8	398	99	48
2001	1556	52.3103	1.7859	80	NA	1	3.74	1.11	6.51	4.56	1.38	7.73	398	99	48
2001	1578	51.1497	-3.9613	39	578	2	4.83	2.61	7.21	5.63	2.69	8.4	410	105	46
2001	1581	51.3366	-2.9512	52.67	195.47	6	4.14	1.52	7.1	5.33	1.79	8.97	411	106	46
2001	1582	51.3971	-2.6127	68.14	109.82	14	4.05	1.36	6.86	5.22	1.68	8.79	412	106	46
2001	1583	51.4566	-2.2733	80.25	568.92	4	3.82	1.07	6.6	5.05	1.5	8.64	412	106	46
2001	1584	51.5151	-1.9331	67	2	2	3.44	0.66	6.2	4.75	1.13	8.38	413	107	47
2001	1585	51.5727	-1.592	69.5	12.5	2	3.11	0.27	5.92	4.5	0.86	8.09	413	107	47
2001	1586	51.6294	-1.2501	80.14	92.14	7	3.6	0.71	6.5	5.06	1.43	8.7	414	107	47
2001	1587	51.6851	-0.9074	75.5	390	8	3.14	0.51	5.79	4.56	1.29	7.9	414	107	47
2001	1588	51.7398	-0.5638	72.11	168.86	9	3.02	0.23	5.82	4.54	1.13	7.91	415	108	47
2001	1589	51.7935	-0.2194	74.07	162.84	14	3.24	0.35	6.13	4.77	1.31	8.18	415	108	47
2001	1590	51.8463	0.1258	70	0	2	2.95	0.08	5.84	4.43	1.05	7.78	416	108	48
2001	1591	51.8981	0.4718	90.8	272.7	5	3.19	0.42	5.99	4.55	1.26	7.8	416	108	48
2001	1592	51.9489	0.8185	75.63	130.55	8	3.42	0.5	6.37	4.82	1.49	8.12	417	109	48
2001	1593	51.9988	1.1661	79.67	520.67	6	3.76	1.03	6.5	5.04	2.06	7.98	417	109	48
2001	1594	52.0476	1.5143	86.5	40.5	2	4.32	1.8	6.88	5.13	2.29	7.91	418	109	48
2001	1616	50.8752	-4.1937	34	98	2	4.69	1.95	7.48	5.52	2.18	8.93	409	105	45
2001	1617	50.9391	-3.8601	41.67	137.33	3	4.49	1.83	7.19	5.41	2.1	8.75	410	105	46
2001	1618	51.002	-3.5257	54.33	492.33	3	3.88	1.3	6.57	4.95	1.61	8.39	410	105	46
2001	1619	51.0641	-3.1903	46.33	25.33	3	4.88	2.11	7.73	5.79	2.34	9.32	411	106	46
2001	1620	51.1252	-2.854	60.09	558.89	11	4.64	1.78	7.65	5.71	2.1	9.42	411	106	46

2001	1621	51.1854	-2.5169	70	18	2	4.01	1.17	6.98	5.07	1.47	8.78	412	106	46
2001	1622	51.2446	-2.179	67.89	114.36	9	3.72	0.79	6.66	4.98	1.24	8.73	412	106	46
2001	1623	51.3029	-1.8401	73	72	2	3.19	0.32	6.07	4.43	0.78	8.11	413	107	47
2001	1624	51.3603	-1.5005	68	2	2	3.55	0.57	6.56	4.93	1.21	8.67	413	107	47
2001	1625	51.4167	-1.16	72	39	3	3.59	0.65	6.55	5.04	1.46	8.62	414	107	47
2001	1626	51.4721	-0.8186	74.13	114.41	8	3.67	0.76	6.6	5.17	1.69	8.74	414	107	47
2001	1627	51.5266	-0.4765	71.25	42.57	12	3.72	0.79	6.63	5.27	1.75	8.78	415	108	47
2001	1628	51.5801	-0.1336	72.17	65.61	12	4.11	1.35	6.87	5.6	2.28	8.88	415	108	47
2001	1629	51.6326	0.2101	71.5	320.33	4	3.59	0.7	6.54	5.05	1.66	8.43	416	108	48
2001	1630	51.6842	0.5546	74.33	196.33	3	3.66	0.82	6.57	5.03	1.74	8.3	416	108	48
2001	1631	51.7348	0.8999	73.5	128.33	4	3.75	1.05	6.5	5.1	2.03	8.17	417	109	48
2001	1632	51.7844	1.2459	77	98	2	3.46	0.83	6.21	4.95	2.06	7.81	417	109	48
2001	1653	50.5348	-4.754	48.67	1296.33	3	5.48	2.81	8	6.38	3.17	9.39	428	104	52
2001	1654	50.6002	-4.4235	37	172	3	4.62	1.81	7.51	5.45	2.15	8.86	429	105	52
2001	1655	50.6648	-4.0921	22	NA	1	4.04	1.47	6.63	4.99	1.75	8.14	429	105	52
2001	1656	50.7284	-3.7598	47	338	2	4.71	1.95	7.48	5.69	2.22	9.16	430	105	53
2001	1657	50.7911	-3.4267	39.5	0.5	2	4.61	1.74	7.53	5.62	2.05	9.21	430	105	53
2001	1658	50.8529	-3.0927	60.33	421.33	3	3.69	1.07	6.41	4.56	1.3	7.92	431	106	53
2001	1659	50.9137	-2.7578	45.67	28.67	6	4.51	1.65	7.43	5.41	1.84	9.12	431	106	53
2001	1660	50.9736	-2.422	70	18	2	4.18	1.22	7.2	5.12	1.41	8.94	432	106	53
2001	1661	51.0326	-2.0854	72.33	229.33	3	3.78	0.8	6.73	4.74	1.18	8.54	432	106	53
2001	1662	51.0906	-1.748	60.5	112.5	2	3.72	0.9	6.65	4.91	1.33	8.53	433	107	54
2001	1663	51.1477	-1.4097	62.6	84.8	5	3.93	0.94	6.94	5.18	1.53	8.87	433	107	54
2001	1664	51.2039	-1.0707	79	124.67	4	3.44	0.54	6.3	4.7	1.18	8.21	434	107	54
2001	1665	51.259	-0.7308	70.15	209.14	13	3.78	0.73	6.8	5.18	1.55	8.8	434	107	54
2001	1666	51.3133	-0.3901	68.24	149.19	17	4.05	1.18	6.9	5.51	2.1	8.92	435	108	54
2001	1667	51.3665	-0.0486	70.41	154.25	27	4.1	1.41	6.84	5.49	2.26	8.71	435	108	54
2001	1668	51.4188	0.2937	83.86	723.81	7	3.92	1.07	6.82	5.26	1.99	8.54	436	108	55
2001	1669	51.4702	0.6367	66.75	98.25	4	3.99	1.37	6.64	5.28	2.21	8.34	436	108	55
2001	1687	49.9856	-6.283	32	NA	1	8.19	6.25	9.85	8.36	6.1	10.17	426	103	51
2001	1689	50.124	-5.6328	12	NA	1	6.06	4.15	7.91	6.32	4.12	8.44	427	104	52
2001	1690	50.1918	-5.3064	64.67	264.33	3	6.26	3.89	8.58	6.73	3.9	9.57	427	104	52
2001	1691	50.2588	-4.979	67	NA	1	6.58	3.73	9.34	7.16	3.96	10.55	428	104	52
2001	1693	50.39	-4.3215	91	NA	1	5.62	2.83	8.44	6.49	3.15	9.83	429	105	52
2001	1694	50.4543	-3.9914	40	178	4	4.78	2.05	7.6	5.61	2.36	8.94	429	105	52
2001	1695	50.5176	-3.6605	48.17	404.97	6	5.12	2.47	7.77	5.83	2.67	9.01	430	105	53
2001	1696	50.58	-3.3286	64	512	2	4.18	1.65	6.95	5.01	1.8	8.27	430	105	53
2001	1697	50.6415	-2.9959	63	800	2	4.21	1.51	7.25	4.99	1.58	8.53	431	106	53
2001	1698	50.7021	-2.6624	35.5	112.5	2	4.19	1.55	7	4.89	1.56	8.34	431	106	53
2001	1699	50.7618	-2.328	47.67	69.33	3	4.51	1.57	7.48	5.21	1.68	8.83	432	106	53
2001	1700	50.8205	-1.9928	47	145	5	4.5	1.5	7.56	5.39	1.73	9.17	432	106	53
2001	1701	50.8783	-1.6567	46	490.8	6	4.36	1.41	7.37	5.36	1.76	9.06	433	107	54
2001	1702	50.9351	-1.3198	63.43	146.95	7	4.3	1.25	7.39	5.43	1.81	9.07	433	107	54
2001	1703	50.991	-0.9822	57.67	345.33	3	4.22	1.17	7.31	5.33	1.65	8.97	434	107	54
2001	1705	51.0999	-0.3044	60.33	126.33	3	3.76	0.68	6.73	5.11	1.63	8.63	435	108	54
2001	1706	51.1529	0.0356	76.67	249.33	12	3.36	0.29	6.47	4.68	1.2	8.04	435	108	54
2001	1707	51.205	0.3764	75	258	4	3.55	0.41	6.71	4.98	1.58	8.31	436	108	55
2001	1708	51.2561	0.718	69	116.67	4	4.15	1.38	6.93	5.42	2.27	8.55	436	108	55
2001	1709	51.3062	1.0603	71	30	4	4.41	1.86	6.96	5.58	2.91	8.28	437	109	55
2001	1710	51.3554	1.4033	86	18	2	4.54	1.97	7.09	5.58	2.88	8.26	437	109	55
2001	1733	50.2437	-3.8916	19	NA	1	5.16	2.4	7.98	5.85	2.57	9.26	449	115	52
2001	1734	50.3068	-3.5619	21.5	112.5	2	6	3.56	8.54	6.67	3.63	9.75	450	115	53
2001	1737	50.4905	-2.5679	46	0	2	5.39	2.9	7.94	5.89	2.77	9.13	451	116	53
2001	1739	50.6083	-1.9009	49.67	256.33	3	5.26	2.79	7.76	5.86	2.79	8.89	452	116	53
2001	1740	50.6658	-1.5663	36	NA	1	5.4	2.78	8.03	6.08	2.89	9.32	453	117	54
2001	1741	50.7224	-1.2308	48.5	379.67	4	5.21	2.7	7.78	6.06	3.03	9.11	453	117	54
2001	1742	50.7781	-0.8945	40	75	3	4.65	1.8	7.56	5.68	2.21	9.16	454	117	54
2001	1743	50.8328	-0.5574	51.25	907.58	4	4.3	1.56	7.04	5.3	2.12	8.49	454	117	54
2001	1744	50.8865	-0.2196	63.64	218.4	14	4.04	1.39	6.81	5.1	1.98	8.27	455	118	54
2001	1745	50.9393	0.119	68.44	356.78	9	4.11	1.11	7.08	5.3	1.9	8.72	455	118	54
2001	1746	50.9911	0.4584	72	NA	1	4.18	1.25	7.25	5.42	2.11	8.7	456	118	55
2001	1747	51.042	0.7985	95.33	1521.33	3	4.16	1.4	6.96	5.36	2.39	8.34	456	118	55
2001	1748	51.0919	1.1393	65	52	3	3.79	1.16	6.45	4.87	2.25	7.63	457	119	55
2001	1749	51.1408	1.4809	57	NA	1	4.98	2.56	7.4	5.97	3.33	8.6	457	119	55
2001	1785	50.7772	0.5396	70	NA	1	4.07	1.81	6.37	5.03	2.5	7.57	456	118	55

2001	416	57.9725	-4.4249	85	NA	1	0.4	-3.13	3.82	1.73	-1.61	5.14	114	27	12
2001	453	57.6311	-5.0772	67.5	12.5	2	-0.33	-3.71	3.1	1.19	-1.89	3.91	113	27	12
2001	456	57.8267	-3.9118	96	NA	1	1.27	-1.9	4.51	2.42	-0.37	6.11	114	27	12
2001	489	57.2177	-6.0998	49	NA	1	2.88	-0.08	5.49	3.89	1.39	6.14	131	36	18
2001	490	57.2867	-5.7184	85	NA	1	0.46	-1.77	2.74	1.4	-0.82	3.66	132	36	18
2001	493	57.4876	-4.5663	89	NA	1	-0.03	-2.53	2.51	1.41	-1.2	3.95	133	37	19
2001	494	57.5524	-4.1796	93	349	3	1.4	-1.56	4.42	2.9	-0.04	5.71	134	37	19
2001	497	57.7406	-3.0119	87	NA	1	2.2	-0.45	4.96	2.81	0.04	5.57	135	38	19
2001	531	57.2121	-4.8276	86	NA	1	0.14	-3.13	3.14	1.61	-1.66	4.82	133	37	19
2001	532	57.2777	-4.444	79.67	202.33	3	-0.42	-3.57	2.68	0.96	-1.97	4.02	133	37	19
2001	535	57.4681	-3.2855	81	128	2	0.3	-2.5	3.24	1.1	-2.01	4.09	135	38	19
2001	573	57.195	-3.5556	82	NA	1	-0.73	-3.83	2.64	0.39	-2.84	3.68	154	37	19
2001	575	57.3181	-2.783	91	NA	1	1.29	-1.38	4.02	1.48	-1.66	4.75	155	38	19
2001	612	56.9842	-3.4395	89	NA	1	-2.08	-4.4	0.51	-1.68	-4.31	0.96	154	37	19
2001	615	57.1663	-2.2844	91	0	2	2.7	0.08	5.32	2.6	-0.56	5.79	156	38	20
2001	645	56.3828	-5.5915	79	NA	1	1.44	-0.93	3.92	2.39	-0.25	5.04	171	46	18
2001	650	56.7109	-3.7056	113	NA	1	-0.07	-2.67	2.66	0.86	-2.18	3.92	174	47	19
2001	653	56.8952	-2.5594	92	NA	1	2.16	-0.22	4.71	2.3	-0.96	5.45	175	48	19
2001	687	56.3728	-4.3451	83	NA	1	1.51	-1.28	4.12	2.35	-1.05	5.41	173	47	19
2001	689	56.5002	-3.5904	90	NA	1	0.16	-2.38	2.61	0.88	-2.16	3.79	174	47	19
2001	723	55.9647	-5.3457	66.5	383	4	2.21	-0.22	4.74	2.99	0.14	5.89	191	46	25
2001	724	56.0317	-4.9743	67	733	3	2.24	-0.2	4.67	3.05	0.29	5.93	192	46	25
2001	725	56.0977	-4.6016	48	NA	1	2.72	0.47	4.93	3.64	0.7	6.5	192	46	25
2001	729	56.3513	-3.0991	91	NA	1	2.12	-0.4	4.66	2.77	-0.24	5.82	194	47	26
2001	730	56.4121	-2.7205	69	NA	1	3.25	0.79	5.66	3.64	0.64	6.67	195	48	26
2001	763	55.8221	-4.8549	91	NA	1	2.56	0.4	4.78	3.28	0.68	5.78	192	46	25
2001	764	55.8877	-4.4839	67	NA	1	2.72	0.47	4.93	3.64	0.7	6.5	192	46	25
2001	765	55.9524	-4.1117	68	NA	1	2.26	-0.38	5	3.17	-0.2	6.63	193	47	26
2001	803	55.6777	-4.3675	76	NA	1	2.68	-0.16	5.44	3.56	0.15	6.85	212	56	25
2001	804	55.742	-3.997	91	NA	1	1.26	-1.13	3.73	1.8	-1.28	4.97	213	57	26
2001	805	55.8053	-3.6253	115	NA	1	0.87	-1.48	3.24	1.21	-1.86	4.31	213	57	26
2001	806	55.8676	-3.2524	77.67	121.33	3	2.73	0.32	5.15	3.18	0.12	6.27	214	57	26
2001	845	55.6565	-3.1422	87.5	211	4	1.64	-1.02	4.31	2.12	-1.33	5.56	214	57	26
2001	882	55.321	-3.7711	69	NA	1	-0.49	-2.6	1.63	-0.25	-3.05	2.48	233	57	26
2001	885	55.506	-2.6624	81	8	2	1.66	-1.08	4.34	2.29	-1.37	5.82	234	57	26
2001	887	55.6241	-1.9179	92	NA	1	2.92	0	5.6	3.51	0.06	6.97	235	58	26
2001	921	55.1103	-3.6599	86	NA	1	2.9	0.17	5.57	3.38	-0.03	6.83	233	57	26
2001	926	55.412	-1.815	83	NA	1	2.31	-0.19	4.84	2.84	-0.63	6.3	235	58	26
2001	958	54.7724	-4.277	88	NA	1	2.48	-0.09	5.15	3.03	-0.4	6.35	252	66	32
2001	962	55.0227	-2.8184	67	NA	1	2.69	-0.04	5.37	3.17	-0.41	6.69	254	67	33
2001	963	55.0828	-2.4511	106	NA	1	1.93	-0.66	4.59	2.52	-0.98	6.06	254	67	33
2001	965	55.1998	-1.7133	73.5	60.5	2	3.77	1.58	5.98	4.21	1.14	7.25	255	68	33
2002	1000	54.7505	-3.0775	71	NA	1	4.53	1.5	7.54	5.04	2.11	7.91	253	67	33
2002	1001	54.8113	-2.7128	59	2	2	4.62	1.48	7.66	5.11	2.13	8.01	254	67	33
2002	1003	54.9297	-1.9803	72.57	142.95	7	4.75	1.6	7.81	5.4	2.21	8.59	255	68	33
2002	1004	54.9874	-1.6126	70.57	119.62	7	5.19	2	8.29	6.11	3.01	9.21	255	68	33
2002	1038	54.4778	-3.3333	47	NA	1	4.82	1.93	7.68	5.28	2.53	8.03	273	67	33
2002	1039	54.5392	-2.9713	61.86	136.48	7	3.49	1.11	6.08	3.92	1.74	6.14	273	67	33
2002	1040	54.5997	-2.6083	85.5	612.5	2	2.97	0.21	5.84	3.38	0.76	6.1	274	67	33
2002	1042	54.7176	-1.879	80.5	1.67	4	4.31	1.22	7.24	5.27	2.11	8.34	275	68	33
2002	1043	54.775	-1.5129	77	63	3	5	1.86	8.18	6.09	2.88	9.38	275	68	33
2002	1077	54.2667	-3.2267	61.33	16.33	3	4.93	1.98	7.9	5.7	2.8	8.56	273	67	33
2002	1078	54.3279	-2.8663	68.2	307.51	10	4.76	1.76	7.92	5.69	2.82	8.6	273	67	33
2002	1079	54.3881	-2.5048	68	NA	1	2.25	0.02	4.51	2.74	0.67	4.76	274	67	33
2002	1080	54.4473	-2.1423	83	NA	1	3.07	0.42	5.67	3.34	0.91	5.85	274	67	33
2002	1081	54.5054	-1.7788	77	93	3	4.52	1.14	7.78	5.49	2.08	8.69	275	68	33
2002	1082	54.5625	-1.4143	64.7	144.9	10	4.8	1.49	8.13	6.03	2.58	9.47	275	68	33
2002	1083	54.6187	-1.0488	78.67	92.33	3	5.05	1.86	8.28	6.36	2.91	9.75	276	68	34
2002	1117	54.1165	-2.7623	67	138.29	8	5.37	2.42	8.29	6.32	3.5	9.08	293	77	33
2002	1118	54.1764	-2.4024	60.2	99.2	5	3.55	0.98	6.15	4.32	1.84	6.79	294	77	33
2002	1119	54.2352	-2.0415	73.33	44.33	3	3.77	0.85	6.68	4.77	1.75	7.68	294	77	33
2002	1121	54.35	-1.3167	65	NA	1	4.2	1.16	7.34	5.52	2.25	8.93	295	78	33
2002	1122	54.4058	-0.9529	60.17	162.17	6	3.8	0.83	6.82	5.05	1.75	8.34	296	78	34
2002	1155	53.8443	-3.0167	71.5	112.5	2	5.98	3.19	8.69	6.96	4.3	9.58	293	77	33
2002	1156	53.9049	-2.6594	67	39	3	4.72	1.97	7.53	5.75	3.02	8.48	293	77	33

2002	1157	53.9645	-2.3011	62	NA	1	4.75	1.79	7.69	5.78	2.88	8.71	294	77	33
2002	1158	54.0232	-1.9417	66.5	9.67	4	4.29	1.38	7.23	5.35	2.43	8.27	294	77	33
2002	1159	54.0808	-1.5814	71.33	506.67	6	4.26	1.11	7.44	5.57	2.28	8.95	295	78	33
2002	1160	54.1373	-1.2202	66.67	17.33	3	4.42	1.18	7.74	6	2.56	9.65	295	78	33
2002	1161	54.1929	-0.858	66.5	264.5	2	4.11	0.97	7.37	5.75	2.21	9.35	296	78	34
2002	1162	54.2475	-0.4948	76.5	12.5	2	4.93	2.08	7.87	6.33	2.99	9.62	296	78	34
2002	1193	53.5717	-3.2681	56	NA	1	6.01	3.21	8.83	7.16	4.47	9.84	312	76	39
2002	1194	53.633	-2.9133	62.88	273.55	8	5.64	2.61	8.58	6.82	3.91	9.61	313	77	40
2002	1195	53.6933	-2.5575	72.92	209.91	13	4.91	2.13	7.7	6.08	3.27	8.78	313	77	40
2002	1196	53.7527	-2.2007	76.83	222.17	6	3.97	1.09	6.8	4.97	2.2	7.75	314	77	40
2002	1197	53.811	-1.843	72	117.17	13	4.62	1.7	7.58	5.87	2.92	8.82	314	77	40
2002	1198	53.8683	-1.4842	67.25	131.3	12	4.75	1.71	7.97	6.22	3.08	9.46	315	78	40
2002	1199	53.9246	-1.1246	77.2	10.7	5	4.77	1.61	8.05	6.46	3.03	9.92	315	78	40
2002	1200	53.9799	-0.764	74	73	3	4.07	1.16	7.1	5.61	2.33	8.94	316	78	41
2002	1201	54.0342	-0.4025	68.5	180.5	2	4.5	1.34	7.76	6.19	2.5	9.86	316	78	41
2002	1202	54.0875	-0.04	77	NA	1	5.3	2.76	7.81	6.69	3.67	9.6	317	79	41
2002	1229	53.1717	-4.2182	35	NA	1	7.16	4.48	9.91	7.51	4.98	9.95	311	76	39
2002	1230	53.2356	-3.8679	68.33	265.33	3	6.12	3.19	8.98	6.6	3.91	9.18	311	76	39
2002	1231	53.2986	-3.5166	55.5	480.5	2	6.54	3.66	9.38	7.33	4.63	9.97	312	76	39
2002	1232	53.3606	-3.1643	65.4	593.8	5	6.27	3.54	9.02	7.45	4.86	10.01	312	76	39
2002	1233	53.4216	-2.8109	66.6	462.83	15	5.72	2.79	8.68	7.07	4.15	9.9	313	77	40
2002	1234	53.4816	-2.4567	70.4	97.54	15	5.44	2.44	8.53	6.85	3.82	9.9	313	77	40
2002	1235	53.5407	-2.1014	69.71	311.24	7	4.68	1.84	7.65	6.03	3.16	9.01	314	77	40
2002	1236	53.5987	-1.7452	73.67	204.67	6	5.05	1.95	8.17	6.42	3.25	9.62	314	77	40
2002	1237	53.6558	-1.3881	78.14	108.14	7	5.18	2.01	8.42	6.7	3.44	10.03	315	78	40
2002	1238	53.7118	-1.03	78.5	348.3	6	4.8	1.61	8.2	6.53	2.94	10.14	315	78	40
2002	1239	53.7669	-0.671	85	200	2	5.12	2.1	8.18	6.78	3.27	10.3	316	78	41
2002	1240	53.8209	-0.3111	73.27	136.02	11	5.22	2.22	8.33	6.97	3.38	10.5	316	78	41
2002	1267	52.8967	-4.4588	42	18	2	6.93	4.45	9.45	7.15	4.69	9.54	330	85	39
2002	1268	52.9613	-4.1109	32.33	72.33	3	6.75	4.02	9.38	7.14	4.51	9.77	331	86	39
2002	1271	53.1494	-3.0614	74.86	424.14	7	5.65	2.36	8.9	6.96	3.74	10.17	332	86	39
2002	1272	53.2101	-2.7096	70.29	286.24	7	5.29	1.94	8.72	6.87	3.54	10.2	333	87	40
2002	1273	53.2698	-2.3568	72.2	112.2	5	5.51	2.41	8.64	7.12	3.9	10.33	333	87	40
2002	1274	53.3286	-2.0031	67.06	106.86	16	4.89	1.93	7.85	6.35	3.34	9.37	334	87	40
2002	1275	53.3864	-1.6484	68.36	215.94	14	5.05	2.18	8.02	6.53	3.5	9.59	334	87	40
2002	1276	53.4432	-1.2928	74.22	123.69	9	4.82	1.76	8	6.42	3.09	9.77	335	88	40
2002	1277	53.499	-0.9363	78	338	2	5.2	1.89	8.59	6.94	3.34	10.56	335	88	40
2002	1278	53.5538	-0.5789	85.5	399	4	4.74	1.63	7.91	6.58	3.04	10.17	336	88	41
2002	1279	53.6075	-0.2206	57	NA	1	5.13	2.11	8.21	6.91	3.37	10.39	336	88	41
2002	1280	53.6603	0.1386	79	NA	1	5.11	2.5	7.89	6.77	3.62	9.85	337	89	41
2002	1307	52.7509	-4.0047	31.5	180.5	2	6.17	3.54	8.76	6.72	4.23	9.1	331	86	39
2002	1309	52.8766	-3.3089	56	NA	1	5.07	1.84	8.23	6.2	3.04	9.22	332	86	39
2002	1310	52.938	-2.9595	69.5	144.5	2	5.53	2.28	8.77	6.89	3.71	10.1	332	86	39
2002	1311	52.9985	-2.6092	54.67	112.67	6	5.28	2.07	8.47	6.8	3.55	10.12	333	87	40
2002	1312	53.058	-2.2579	68	120.8	6	4.66	1.58	7.68	6.19	3.06	9.3	333	87	40
2002	1313	53.1165	-1.9057	76	49	3	3.79	0.79	6.7	5.18	2.16	8.21	334	87	40
2002	1314	53.174	-1.5526	73.14	169.14	7	4.37	1.34	7.47	5.93	2.84	9.12	334	87	40
2002	1315	53.2305	-1.1985	71.88	351.27	8	4.79	1.56	8.06	6.57	3.2	9.95	335	88	40
2002	1316	53.286	-0.8436	81.5	110.33	4	4.82	1.15	8.21	6.95	3.18	10.53	335	88	40
2002	1317	53.3406	-0.4877	68.2	94.7	5	4.86	1.65	8.1	6.67	3.07	10.36	336	88	41
2002	1318	53.3941	-0.131	75	114.5	5	4.81	1.88	7.88	6.64	3.18	9.99	336	88	41
2002	1319	53.4466	0.2266	81.5	40.5	2	5.3	2.45	8.11	6.78	3.51	10.22	337	89	41
2002	1346	52.5403	-3.8995	59.5	290.7	6	4.94	2.3	7.56	5.59	3.06	8.05	351	86	39
2002	1347	52.6034	-3.5535	48	50	2	4.4	1.55	7.28	5.29	2.49	8.03	351	86	39
2002	1348	52.6655	-3.2066	75.5	12.5	2	5.63	2.49	8.75	6.84	3.65	9.98	352	86	39
2002	1349	52.7267	-2.8587	58.75	102.92	4	5.36	2.18	8.51	6.75	3.56	9.93	352	86	39
2002	1350	52.7868	-2.5098	77.25	203.58	4	5.07	1.76	8.37	6.72	3.45	10.06	353	87	40
2002	1351	52.846	-2.16	67.5	9.67	4	4.87	1.68	8.06	6.54	3.28	9.83	353	87	40
2002	1352	52.9043	-1.8093	77	455.5	5	4.79	1.64	8.01	6.55	3.29	9.81	354	87	40
2002	1353	52.9615	-1.4577	67.27	126.82	11	4.94	1.63	8.25	6.69	3.34	10.05	354	87	40
2002	1354	53.0178	-1.1052	71.75	103.11	12	5.18	1.96	8.45	6.98	3.66	10.3	355	88	40
2002	1355	53.073	-0.7518	63.57	105.95	7	5.02	1.69	8.36	6.86	3.34	10.42	355	88	40
2002	1356	53.1273	-0.3975	74.25	85.58	4	4.9	1.65	8.2	6.76	3.22	10.37	356	88	41
2002	1357	53.1806	-0.0423	82	NA	1	4.42	1.43	7.51	6.2	2.73	9.62	356	88	41
2002	1358	53.2328	0.3137	80	NA	1	4.92	1.87	8.07	6.78	3.31	10.21	357	89	41

2002	1381	52.0691	-5.1639	28	NA	1	6.59	4.17	8.81	6.69	4.12	9.11	349	85	38
2002	1383	52.2013	-4.4815	33	NA	1	6.4	3.81	8.99	6.9	4.23	9.48	350	85	39
2002	1384	52.266	-4.1389	52	553	3	6.04	3.32	8.76	6.7	3.98	9.34	350	85	39
2002	1385	52.3297	-3.7953	60	2	2	5.27	2.4	8.07	5.91	3.07	8.65	351	86	39
2002	1386	52.3925	-3.4507	54.33	152.33	3	4.66	1.55	7.78	5.51	2.43	8.67	351	86	39
2002	1387	52.4543	-3.1052	45	98	2	3.75	0.93	6.36	4.55	1.84	7.28	352	86	39
2002	1388	52.5152	-2.7588	62.6	116.3	5	4.8	1.73	7.89	6.13	2.99	9.31	352	86	39
2002	1389	52.5751	-2.4114	58.29	517.57	7	4.84	1.79	8.24	6.52	3.25	9.92	353	87	40
2002	1390	52.634	-2.0631	69.62	232.92	13	5.08	1.95	8.18	6.69	3.45	9.93	353	87	40
2002	1391	52.692	-1.7139	66.1	48.77	10	5.1	1.78	8.3	6.76	3.42	10.13	354	87	40
2002	1392	52.7489	-1.3637	78.1	154.1	10	4.9	1.65	8.16	6.65	3.33	9.99	354	87	40
2002	1393	52.8049	-1.0127	70	127.33	7	4.91	1.62	8.23	6.68	3.27	10.11	355	88	40
2002	1394	52.86	-0.6609	77	24.67	4	4.92	1.62	8.2	6.7	3.18	10.22	355	88	40
2002	1395	52.914	-0.3081	62	NA	1	4.96	1.7	8.29	6.85	3.29	10.46	356	88	41
2002	1396	52.967	0.0455	89	NA	1	5.19	2.21	8.18	6.95	3.69	10.28	356	88	41
2002	1421	51.9258	-4.7158	44.2	234.7	5	6.06	3.39	8.71	6.43	3.51	9.3	369	95	45
2002	1422	51.9912	-4.3756	35	246.5	5	5.56	2.66	8.45	6.14	3.07	9.18	370	95	46
2002	1423	52.0555	-4.0343	51	83	5	5.21	2.43	8.05	5.97	3.15	8.77	370	95	46
2002	1424	52.119	-3.6921	47.33	204.27	6	4.75	1.82	7.73	5.69	2.63	8.73	371	96	46
2002	1425	52.1815	-3.3489	52.75	56.25	4	4.67	1.83	7.52	5.59	2.59	8.6	371	96	46
2002	1426	52.243	-3.0048	62.25	466.25	4	5.15	1.96	8.3	6.48	3.26	9.76	372	96	46
2002	1427	52.3036	-2.6598	70.14	78.48	7	4.76	1.85	7.85	6.21	3.14	9.4	372	96	46
2002	1428	52.3632	-2.3139	63.75	46.92	4	5.39	2.09	8.6	7.01	3.58	10.42	373	97	47
2002	1429	52.4219	-1.9671	64.33	328	18	5.39	2.42	8.33	6.9	3.79	9.97	373	97	47
2002	1430	52.4796	-1.6193	67.67	198.97	12	5.23	2.07	8.39	6.85	3.59	10.13	374	97	47
2002	1431	52.5363	-1.2707	73.5	196.94	10	4.79	1.39	8.15	6.65	3.17	10.1	374	97	47
2002	1432	52.5921	-0.9212	75.33	165.47	6	4.43	0.85	7.89	6.38	2.79	9.9	375	98	47
2002	1433	52.6468	-0.5709	89	NA	1	4.88	1.74	8.05	6.55	3.2	9.83	375	98	47
2002	1434	52.7006	-0.2196	79.5	16.33	4	5.1	1.82	8.39	6.93	3.37	10.52	376	98	48
2002	1435	52.7533	0.1324	79	NA	1	4.99	1.78	8.27	6.81	3.32	10.44	376	98	48
2002	1436	52.8051	0.4853	64	12.67	4	4.92	1.97	8.01	6.7	3.33	9.99	377	99	48
2002	1437	52.8559	0.839	81	101.33	4	5.26	2.37	8.05	6.78	3.5	10.09	377	99	48
2002	1438	52.9056	1.1934	80.33	182.33	3	5.54	2.91	8.25	7.14	4.01	10.24	378	99	48
2002	1460	51.7159	-4.6095	53.67	652.67	6	6.49	3.57	9.21	6.84	3.8	9.93	369	95	45
2002	1461	51.7809	-4.2706	53.67	46.33	3	6.35	3.46	9.19	7.06	3.9	10.06	370	95	46
2002	1462	51.845	-3.9307	46.2	567.2	5	5.7	2.93	8.47	6.43	3.43	9.4	370	95	46
2002	1464	51.9704	-3.2481	56.4	315.3	5	5.26	2.3	8.17	6.21	3.13	9.31	371	96	46
2002	1465	52.0317	-2.9054	78.25	252.92	4	5.33	2.24	8.46	6.73	3.56	9.92	372	96	46
2002	1466	52.092	-2.5618	62	242	2	5.6	2.42	8.79	7.09	3.78	10.44	372	96	46
2002	1467	52.1513	-2.2173	61.78	63.94	9	5.74	2.6	8.87	7.26	3.96	10.59	373	97	47
2002	1468	52.2097	-1.872	73.73	162.82	11	5.35	2.06	8.61	6.85	3.47	10.28	373	97	47
2002	1469	52.2672	-1.5257	70.08	312.27	12	5.29	1.97	8.61	6.9	3.52	10.26	374	97	47
2002	1470	52.3236	-1.1786	70.8	57.7	5	5.14	1.91	8.32	6.74	3.34	10.1	374	97	47
2002	1471	52.3791	-0.8306	63.2	205.51	10	5.03	1.7	8.38	6.73	3.22	10.27	375	98	47
2002	1472	52.4336	-0.4817	60.5	112.5	2	5.35	2.07	8.62	7.09	3.52	10.62	375	98	47
2002	1473	52.4871	-0.132	63.75	130.25	4	5.47	2.15	8.82	7.24	3.6	10.9	376	98	48
2002	1474	52.5396	0.2185	72.33	192.33	3	5.28	2.21	8.52	7.14	3.68	10.71	376	98	48
2002	1475	52.5912	0.5698	71.5	41	4	5.12	2.03	8.28	7	3.49	10.5	377	99	48
2002	1476	52.6417	0.9219	70.4	132.3	5	5.08	2.17	8.1	6.9	3.5	10.26	377	99	48
2002	1477	52.6912	1.2748	73.37	134.36	19	5.31	2.45	8.36	7.03	3.66	10.41	378	99	48
2002	1478	52.7397	1.6285	72	18	2	5.6	3.04	8.27	7.16	4.13	10.13	378	99	48
2002	1501	51.6344	-3.828	38	NA	1	5.3	2.85	7.8	5.95	3.24	8.64	390	95	46
2002	1502	51.6973	-3.4886	62.8	1051.7	5	4.7	2.07	7.3	5.53	2.74	8.26	391	96	46
2002	1503	51.7592	-3.1482	50	260.8	6	5.06	2.3	7.93	6.12	3.18	9.13	391	96	46
2002	1504	51.8202	-2.8069	44.33	4.33	3	5.98	3.04	8.92	7.14	4.04	10.32	392	96	46
2002	1505	51.8803	-2.4648	52.13	67.84	8	5.96	2.95	9.03	7.28	4.11	10.54	392	96	46
2002	1506	51.9393	-2.1217	62.9	164.1	10	5.92	2.93	8.92	7.28	4.14	10.42	393	97	47
2002	1507	51.9975	-1.7778	57	NA	1	4.92	1.99	7.89	6.23	3.06	9.26	393	97	47
2002	1508	52.0546	-1.433	68.27	110.22	11	5.21	2.02	8.31	6.71	3.32	10.07	394	97	47
2002	1509	52.1108	-1.0873	65.4	178.8	5	5.04	1.77	8.29	6.47	3.04	9.89	394	97	47
2002	1510	52.1661	-0.7408	77.67	102.33	3	5.69	2.3	9.05	7.34	3.67	10.95	395	98	47
2002	1511	52.2203	-0.3934	69.6	9.8	5	5.59	2.26	8.91	7.25	3.64	10.83	395	98	47
2002	1512	52.2736	-0.0453	69	206	9	5.6	2.42	8.79	7.32	3.76	10.82	396	98	48
2002	1513	52.3259	0.3037	64.67	2.33	3	5.42	2.23	8.66	7.22	3.63	10.8	396	98	48
2002	1514	52.3771	0.6535	78	98	2	5.34	2.3	8.48	7.14	3.57	10.72	397	99	48

2002	1515	52.4274	1.0041	78	12	4	5.09	2.12	8.09	6.81	3.14	10.26	397	99	48
2002	1516	52.4767	1.3555	76	151	3	5.14	2.35	8.18	6.92	3.43	10.43	398	99	48
2002	1517	52.525	1.7076	94.5	13.67	4	5.54	2.92	8.24	7.2	4.12	10.27	398	99	48
2002	1540	51.4237	-3.7263	53.67	377.33	3	6.64	3.99	9.39	7.42	4.62	10.28	390	95	46
2002	1541	51.4863	-3.3882	40.14	67.81	7	6.07	3.22	9	7.1	4.15	10.14	391	96	46
2002	1542	51.548	-3.0492	46.8	142.7	5	6.1	3.16	9.16	7.24	4.14	10.46	391	96	46
2002	1543	51.6087	-2.7094	50.5	60.5	2	5.73	3.09	8.41	6.82	4.06	9.74	392	96	46
2002	1544	51.6685	-2.3686	47.4	36.3	5	5.83	2.96	8.83	7.16	3.99	10.43	392	96	46
2002	1545	51.7273	-2.027	63.88	110.13	8	5.36	2.39	8.38	6.67	3.51	9.9	393	97	47
2002	1546	51.7851	-1.6845	70.75	92.92	4	5.52	2.33	8.73	7.02	3.64	10.44	393	97	47
2002	1547	51.842	-1.3411	75.16	167.92	19	5.72	2.61	8.81	7.21	3.88	10.57	394	97	47
2002	1548	51.898	-0.9969	64.57	40.62	7	5.51	2.35	8.68	7.07	3.66	10.5	394	97	47
2002	1549	51.953	-0.6519	78.4	236.49	10	5.5	2.35	8.64	7.05	3.67	10.33	395	98	47
2002	1550	52.007	-0.306	70.75	96.25	4	5.63	2.36	8.91	7.27	3.72	10.74	395	98	47
2002	1551	52.06	0.0407	68.75	152.92	4	5.44	2.22	8.66	7.17	3.61	10.65	396	98	48
2002	1552	52.112	0.3882	76.4	139.8	5	5.02	1.89	8.22	6.7	3.06	10.26	396	98	48
2002	1553	52.1631	0.7364	60	NA	1	5.01	2.01	8.06	6.89	3.44	10.32	397	99	48
2002	1554	52.2131	1.0855	82.43	127.62	7	5.16	2.2	8.17	6.99	3.4	10.48	397	99	48
2002	1555	52.2622	1.4353	73	56.67	4	5.44	2.6	8.4	7.13	3.71	10.51	398	99	48
2002	1556	52.3103	1.7859	79	NA	1	6.02	3.5	8.57	7.55	4.51	10.53	398	99	48
2002	1577	51.0855	-4.2962	33	162	2	7.48	4.71	10.28	8.02	4.99	11.07	409	105	45
2002	1578	51.1497	-3.9613	37	786.67	7	6.3	3.9	8.87	6.89	4.24	9.48	410	105	46
2002	1581	51.3366	-2.9512	51	450	7	6.59	3.77	9.69	7.73	4.65	10.87	411	106	46
2002	1582	51.3971	-2.6127	40.06	222.06	18	6.41	3.63	9.32	7.47	4.51	10.45	412	106	46
2002	1583	51.4566	-2.2733	58.38	359.98	8	6	3.07	8.97	7.17	4.03	10.35	412	106	46
2002	1584	51.5151	-1.9331	68.56	304.53	9	5.7	2.66	8.7	6.98	3.66	10.32	413	107	47
2002	1585	51.5727	-1.592	72	125	7	5.57	2.45	8.64	6.92	3.55	10.3	413	107	47
2002	1586	51.6294	-1.2501	67.25	109	16	5.78	2.55	9.02	7.25	3.72	10.8	414	107	47
2002	1587	51.6851	-0.9074	59.33	181.33	12	5.39	2.49	8.3	6.88	3.72	10.09	414	107	47
2002	1588	51.7398	-0.5638	66.45	115.88	22	5.28	2.22	8.34	6.85	3.56	10.07	415	108	47
2002	1589	51.7935	-0.2194	64.61	312.25	18	5.5	2.38	8.64	7.18	3.79	10.51	415	108	47
2002	1590	51.8463	0.1258	74	168.67	4	5.18	2.06	8.33	6.98	3.55	10.36	416	108	48
2002	1591	51.8981	0.4718	72	17.33	7	5.29	2.29	8.28	7.07	3.7	10.41	416	108	48
2002	1592	51.9489	0.8185	72.75	353.27	16	5.31	2.18	8.48	7.31	3.77	10.8	417	109	48
2002	1593	51.9988	1.1661	71.4	77.38	10	5.49	2.57	8.42	7.46	4.07	10.79	417	109	48
2002	1594	52.0476	1.5143	69.6	310.3	5	5.76	3.06	8.5	7.56	4.33	10.73	418	109	48
2002	1615	50.8104	-4.5264	27	91	3	6.97	4.47	9.57	7.19	4.63	9.89	409	105	45
2002	1616	50.8752	-4.1937	27.8	56.7	5	6.84	4.06	9.64	7.24	4.32	10.26	409	105	45
2002	1617	50.9391	-3.8601	34.25	15.93	8	6.25	3.7	8.87	6.73	3.97	9.56	410	105	46
2002	1618	51.002	-3.5257	32.2	34.7	5	5.97	3.42	8.63	6.65	3.81	9.57	410	105	46
2002	1619	51.0641	-3.1903	45.89	66.86	9	6.93	3.97	10.02	7.74	4.66	10.91	411	106	46
2002	1620	51.1252	-2.854	53.36	341.85	11	6.82	3.87	9.92	7.81	4.65	11.04	411	106	46
2002	1621	51.1854	-2.5169	59.17	270.97	6	6.03	3.29	8.85	7.01	4.05	10.01	412	106	46
2002	1622	51.2446	-2.179	60	213.64	12	5.95	2.87	9.03	7.17	3.82	10.51	412	106	46
2002	1623	51.3029	-1.8401	64.71	504.24	7	5.32	2.25	8.4	6.6	3.28	9.94	413	107	47
2002	1624	51.3603	-1.5005	62	112	4	5.58	2.38	8.79	7.06	3.61	10.52	413	107	47
2002	1625	51.4167	-1.16	66.4	143.54	15	5.66	2.49	8.86	7.23	3.83	10.62	414	107	47
2002	1626	51.4721	-0.8186	69.26	239.2	19	5.92	2.75	9.09	7.57	4.19	10.99	414	107	47
2002	1627	51.5266	-0.4765	67.27	160.87	22	6.04	2.9	9.17	7.75	4.34	11.13	415	108	47
2002	1628	51.5801	-0.1336	64.37	133.69	19	6.37	3.38	9.37	8.07	4.78	11.32	415	108	47
2002	1629	51.6326	0.2101	58.75	36.25	4	5.73	2.65	8.87	7.57	4.16	10.94	416	108	48
2002	1630	51.6842	0.5546	65.25	326.21	8	5.62	2.58	8.72	7.53	4.14	10.88	416	108	48
2002	1631	51.7348	0.8999	62.5	60.5	2	5.72	2.87	8.62	7.64	4.44	10.81	417	109	48
2002	1632	51.7844	1.2459	80	NA	1	5.33	2.66	8.13	7.58	4.51	10.58	417	109	48
2002	1652	50.4684	-5.0835	35.5	4.5	2	8.34	5.92	10.74	8.36	5.89	10.95	428	104	52
2002	1653	50.5348	-4.754	42.5	73.67	4	7.55	5.05	9.95	7.89	5.12	10.54	428	104	52
2002	1654	50.6002	-4.4235	43.67	234.5	9	6.88	4.12	9.69	7.18	4.28	10.16	429	105	52
2002	1656	50.7284	-3.7598	35.86	153.14	7	6.66	3.99	9.34	7.11	4.13	10.09	430	105	53
2002	1657	50.7911	-3.4267	38.13	89.84	8	6.7	3.92	9.56	7.3	4.22	10.39	430	105	53
2002	1658	50.8529	-3.0927	48.63	95.98	8	6.25	3.66	8.96	6.9	4.11	9.84	431	106	53
2002	1659	50.9137	-2.7578	50.3	94.9	10	6.75	3.87	9.71	7.59	4.46	10.86	431	106	53
2002	1660	50.9736	-2.422	54.4	132.8	5	6.24	3.31	9.21	7.17	3.94	10.47	432	106	53
2002	1661	51.0326	-2.0854	55.33	174.5	9	5.87	2.92	8.86	6.85	3.69	10.16	432	106	53
2002	1662	51.0906	-1.748	53.9	220.54	10	5.87	2.86	8.94	7.18	3.86	10.52	433	107	54
2002	1663	51.1477	-1.4097	44.3	62.68	10	5.87	2.72	9.04	7.36	3.98	10.77	433	107	54

2002	1664	51.2039	-1.0707	55.62	110.09	13	5.53	2.46	8.55	7.01	3.72	10.28	434	107	54
2002	1665	51.259	-0.7308	65.47	310.14	17	5.86	2.65	9.04	7.47	4.04	10.89	434	107	54
2002	1666	51.3133	-0.3901	60	239.56	19	6.12	3.1	9.13	7.77	4.46	11.06	435	108	54
2002	1667	51.3665	-0.0486	61.92	284.36	36	6.23	3.41	9.1	7.84	4.73	10.98	435	108	54
2002	1668	51.4188	0.2937	55.36	236.4	14	5.99	3.02	9.03	7.79	4.53	10.98	436	108	55
2002	1669	51.4702	0.6367	63.22	181.69	9	5.99	3.2	8.83	7.73	4.6	10.86	436	108	55
2002	1687	49.9856	-6.283	2	NA	1	9.9	8.18	11.33	9.64	7.62	11.22	426	103	51
2002	1689	50.124	-5.6328	56	NA	1	8.54	6.08	10.95	8.51	6.25	10.67	427	104	52
2002	1690	50.1918	-5.3064	35.17	122.57	6	8.05	5.48	10.61	8.05	5.52	10.67	427	104	52
2002	1691	50.2588	-4.979	37.25	224.25	4	8.28	5.45	11.04	8.39	5.6	11.32	428	104	52
2002	1692	50.3249	-4.6507	59.5	4.5	2	7.33	4.75	9.88	7.5	4.81	10.17	428	104	52
2002	1693	50.39	-4.3215	45.75	360.92	4	7.44	4.71	10.19	7.77	4.89	10.71	429	105	52
2002	1694	50.4543	-3.9914	30.14	95.81	7	6.65	4.01	9.32	6.88	4.08	9.85	429	105	52
2002	1695	50.5176	-3.6605	34.07	65.5	15	7.76	5.21	10.33	8.06	5.24	10.89	430	105	53
2002	1696	50.58	-3.3286	45.33	10.33	3	7.23	4.78	9.78	7.7	4.89	10.53	430	105	53
2002	1697	50.6415	-2.9959	39.5	0.5	2	6.42	3.81	9.34	6.98	4.13	9.97	431	106	53
2002	1698	50.7021	-2.6624	66	NA	1	6.14	3.49	8.88	6.84	3.82	9.88	431	106	53
2002	1699	50.7618	-2.328	42.25	90.92	4	6.55	3.64	9.44	7.36	4.15	10.64	432	106	53
2002	1700	50.8205	-1.9928	45.64	516.45	11	6.48	3.58	9.46	7.51	4.23	10.85	432	106	53
2002	1701	50.8783	-1.6567	41.29	301.47	17	6.42	3.51	9.41	7.63	4.39	10.92	433	107	54
2002	1702	50.9351	-1.3198	46.75	329.11	12	6.48	3.47	9.51	7.83	4.57	11.1	433	107	54
2002	1703	50.991	-0.9822	47.44	153.03	9	5.89	2.71	9.09	7.27	3.8	10.82	434	107	54
2002	1704	51.0459	-0.6437	52	242	4	5.74	2.55	8.94	7.13	3.71	10.78	434	107	54
2002	1705	51.0999	-0.3044	57.29	665.9	7	5.77	2.61	8.94	7.35	3.93	10.82	435	108	54
2002	1706	51.1529	0.0356	67	85.2	11	5.43	2.34	8.57	7.04	3.67	10.28	435	108	54
2002	1707	51.205	0.3764	62.54	431.27	13	5.52	2.36	8.72	7.36	4.02	10.63	436	108	55
2002	1708	51.2561	0.718	63.57	178.29	7	6	3.17	8.86	7.83	4.69	10.96	436	108	55
2002	1709	51.3062	1.0603	63.82	102.36	11	5.82	3.09	8.54	7.8	4.8	10.81	437	109	55
2002	1710	51.3554	1.4033	75	189	3	6.11	3.6	8.6	8.01	5.19	10.81	437	109	55
2002	1733	50.2437	-3.8916	25	NA	1	7.1	4.45	9.8	7.34	4.41	10.43	449	115	52
2002	1734	50.3068	-3.5619	31	8	2	7.81	5.47	10.26	8.09	5.35	10.9	450	115	53
2002	1737	50.4905	-2.5679	41	NA	1	7.6	5.24	10.05	8.13	5.17	11.13	451	116	53
2002	1739	50.6083	-1.9009	32	8	2	7.26	4.97	9.6	8.01	5.34	10.63	452	116	53
2002	1740	50.6658	-1.5663	43.67	69.33	3	6.85	4.19	9.56	7.95	4.96	10.97	453	117	54
2002	1741	50.7224	-1.2308	40.43	89.62	7	7.21	4.74	9.69	8.31	5.64	11	453	117	54
2002	1742	50.7781	-0.8945	62.29	225.9	7	6.45	3.61	9.36	7.85	4.7	11.01	454	117	54
2002	1743	50.8328	-0.5574	63.5	1143	4	6.12	3.28	8.98	7.48	4.43	10.54	454	117	54
2002	1744	50.8865	-0.2196	55.7	158.13	23	5.95	3.29	8.66	7.34	4.44	10.28	455	118	54
2002	1745	50.9393	0.119	61.92	308.74	13	5.92	2.91	8.91	7.47	4.22	10.74	455	118	54
2002	1746	50.9911	0.4584	74.83	94.97	6	5.67	2.78	8.62	7.35	4.14	10.56	456	118	55
2002	1747	51.042	0.7985	65.2	186.7	5	5.49	2.63	8.44	7.49	4.43	10.58	456	118	55
2002	1748	51.0919	1.1393	62.83	339.77	6	5.27	2.81	7.78	7.19	4.52	9.93	457	119	55
2002	1749	51.1408	1.4809	65	183	3	6.44	4.04	8.83	8.31	5.5	11.13	457	119	55
2002	1784	50.7256	0.2017	51	242	2	6.44	3.74	9.12	7.9	5.02	10.81	455	118	54
2002	1785	50.7772	0.5396	59.57	133.62	7	6.29	4.07	8.57	7.74	5.22	10.27	456	118	55
2002	340	58.5213	-3.884	68	NA	1	5.29	2.48	8.13	3.76	0.6	6.79	95	28	12
2002	413	57.7728	-5.5917	56	338	2	7.08	4.64	9.79	5.26	2.73	7.89	112	26	11
2002	416	57.9725	-4.4249	78	NA	1	4.32	0.99	7.51	3.02	-0.48	6.4	114	27	12
2002	417	58.037	-4.0333	95	NA	1	3.59	0.48	6.84	2.39	-0.71	5.55	114	27	12
2002	449	57.3556	-6.6121	65	NA	1	6.43	4.16	8.76	4.92	2.17	7.92	111	26	11
2002	450	57.4261	-6.2305	55	NA	1	5.48	3.68	7.42	3.7	1.46	6.18	111	26	11
2002	452	57.5638	-5.463	69	NA	1	5.3	2.54	8.05	3.66	0.68	6.72	112	26	11
2002	489	57.2177	-6.0998	41	NA	1	6.6	3.88	9.03	5.08	2.46	7.5	131	36	18
2002	490	57.2867	-5.7184	57	NA	1	4.5	2.44	6.62	2.62	0.38	4.88	132	36	18
2002	493	57.4876	-4.5663	66	NA	1	4.59	0.9	8.29	3.92	0.46	7.29	133	37	19
2002	494	57.5524	-4.1796	72	169.5	5	5.01	1.88	8.19	3.99	0.95	6.78	134	37	19
2002	496	57.6789	-3.4024	76	NA	1	5.22	1.8	8.62	4.47	1.32	7.55	135	38	19
2002	497	57.7406	-3.0119	72	NA	1	4.63	1.6	7.74	4.09	1.24	6.89	135	38	19
2002	532	57.2777	-4.444	74	7	3	3.9	0.51	7.16	2.73	-0.44	6	133	37	19
2002	534	57.4057	-3.6729	76	NA	1	4.41	1.07	7.7	3.73	0.62	6.7	134	37	19
2002	535	57.4681	-3.2855	77	NA	1	2.7	-0.61	6.07	2.23	-0.85	5.18	135	38	19
2002	538	57.6487	-2.1157	77	NA	1	3.46	0.58	6.47	3.06	0.04	5.9	136	38	20
2002	572	57.1319	-3.9399	83	NA	1	2.88	-0.67	6.48	2.33	-1.36	5.84	154	37	19
2002	573	57.195	-3.5556	77.5	144.5	2	2.79	-0.74	6.49	2.27	-1.05	5.57	154	37	19
2002	575	57.3181	-2.783	86.2	44.7	5	3.21	-0.26	6.71	3.09	-0.15	6.43	155	38	19

2002	605	56.5227	-6.0915	43	NA	1	6.59	3.95	9.41	5.69	2.31	9.03	151	36	18
2002	614	57.1067	-2.6706	77	NA	1	3.7	0.22	7.2	3.95	0.47	7.45	155	38	19
2002	615	57.1663	-2.2844	78.17	89.77	6	4.04	0.7	7.4	4.27	1.07	7.52	156	38	20
2002	646	56.4505	-5.2168	55	NA	1	4.52	2.29	6.81	3.5	1.04	6.06	172	46	18
2002	649	56.6474	-4.0853	68	338	2	3.79	1.09	6.45	3.57	0.81	6.22	173	47	19
2002	650	56.7109	-3.7056	72	NA	1	2.57	-0.41	5.67	2.54	-0.4	5.42	174	47	19
2002	653	56.8952	-2.5594	66	NA	1	3.71	0.61	7.01	4.14	0.82	7.35	175	48	19
2002	654	56.9544	-2.175	64	NA	1	4.28	1.42	7.29	4.75	2.05	7.56	176	48	20
2002	684	56.1738	-5.4679	61.5	924.5	2	6.13	3.37	8.95	5.46	2.31	8.62	171	46	18
2002	685	56.2411	-5.0949	74	8	2	4.97	2.25	7.67	4.69	1.54	7.57	172	46	18
2002	687	56.3728	-4.3451	93	NA	1	4.32	1.18	7.22	4.04	0.77	6.92	173	47	19
2002	688	56.437	-3.9684	97	NA	1	3.62	0.51	6.6	3.61	0.48	6.58	173	47	19
2002	689	56.5002	-3.5904	97	NA	1	3.77	0.35	7.21	4.01	0.68	7.42	174	47	19
2002	690	56.5624	-3.2113	75	NA	1	2.63	-0.6	6	2.91	-0.18	6.05	174	47	19
2002	723	55.9647	-5.3457	66.5	169.67	4	5.23	2.68	7.84	4.53	1.71	7.36	191	46	25
2002	724	56.0317	-4.9743	51	NA	1	4.67	2.09	7.26	4.18	1.82	6.78	192	46	25
2002	725	56.0977	-4.6016	55.5	420.5	2	5.38	2.58	8.09	5.24	2.26	8.14	192	46	25
2002	726	56.1626	-4.2278	47	NA	1	4.82	1.83	7.68	4.71	1.57	7.83	193	47	26
2002	727	56.2266	-3.8527	82	NA	1	2.11	-0.3	4.73	2.03	-0.25	4.46	193	47	26
2002	728	56.2894	-3.4765	76	NA	1	3.87	0.75	7.02	4.23	1.06	7.36	194	47	26
2002	729	56.3513	-3.0991	81.25	32.25	4	4.11	0.85	7.34	4.66	1.46	7.9	194	47	26
2002	730	56.4121	-2.7205	83.5	840.5	2	4.83	1.88	7.72	5.33	2.41	8.26	195	48	26
2002	763	55.8221	-4.8549	47	NA	1	6.64	4.05	9.23	6.21	3.36	9.04	192	46	25
2002	764	55.8877	-4.4839	75	112	3	5.69	2.81	8.51	5.63	2.61	8.59	192	46	25
2002	765	55.9524	-4.1117	75	162	2	4.58	1.56	7.61	4.69	1.62	7.77	193	47	26
2002	766	56.016	-3.7384	81	72	2	4.5	1.28	7.77	4.72	1.55	7.93	193	47	26
2002	768	56.1401	-2.9881	93.5	264.5	2	4.37	1.4	7.5	4.83	1.69	7.87	194	47	26
2002	800	55.4787	-5.4721	53	NA	1	5.7	3.55	8.11	4.87	2.48	7.34	211	56	25
2002	803	55.6777	-4.3675	76	75	3	4.72	1.79	7.62	4.6	1.59	7.55	212	56	25
2002	804	55.742	-3.997	85	NA	1	3.81	0.98	6.71	3.86	1.16	6.65	213	57	26
2002	805	55.8053	-3.6253	76	76.5	5	4.34	1.15	7.48	4.39	1.32	7.5	213	57	26
2002	806	55.8676	-3.2524	75	153.71	8	5.08	1.98	8.14	5.35	2.48	8.31	214	57	26
2002	841	55.4025	-4.6201	79.5	0.5	2	6.08	3.22	8.9	5.85	2.92	8.75	212	56	25
2002	843	55.5316	-3.8834	93	NA	1	4.62	1.62	7.58	4.57	1.53	7.65	213	57	26
2002	845	55.6565	-3.1422	71.33	2.33	3	4.14	0.76	7.5	4.69	1.59	7.85	214	57	26
2002	847	55.7773	-2.3964	63	NA	1	4.19	1.39	6.99	4.67	2.25	7.17	215	58	26
2002	848	55.8362	-2.0219	87	NA	1	4.96	1.63	8.21	5.9	2.93	8.9	215	58	26
2002	882	55.321	-3.7711	64	NA	1	2.07	-0.34	4.53	2.09	-0.19	4.3	233	57	26
2002	885	55.506	-2.6624	75.5	220.5	2	3.81	0.39	7.15	4.51	1.29	7.69	234	57	26
2002	920	55.047	-4.0256	72	NA	1	3.83	0.96	6.74	3.88	1.08	6.78	232	56	25
2002	921	55.1103	-3.6599	65	NA	1	5.41	2.4	8.37	5.88	3.06	8.75	233	57	26
2002	922	55.1727	-3.2931	100	NA	1	3.84	0.82	6.87	4.26	1.42	7.14	233	57	26
2002	924	55.2944	-2.5562	86	NA	1	3.53	0.09	6.92	4.04	0.78	7.29	234	57	26
2002	926	55.412	-1.815	67	100.5	5	4.35	0.9	7.8	5.42	2.21	8.66	235	58	26
2002	957	54.7073	-4.6389	73	NA	1	5.81	2.93	8.64	5.92	2.94	8.85	251	66	32
2002	959	54.8365	-3.914	58.5	220.5	2	4.71	2	7.46	5.11	2.41	7.69	252	66	32
2002	960	54.8996	-3.5499	83	NA	1	5.03	2.15	7.77	5.44	2.72	8.12	253	67	33
2002	961	54.9617	-3.1847	98	NA	1	5.05	1.84	8.47	5.75	2.84	8.99	253	67	33
2002	962	55.0227	-2.8184	67.75	40.92	4	4.67	1.49	7.84	5.23	2.18	8.24	254	67	33
2002	964	55.1418	-2.0827	55	NA	1	3.83	0.64	7.15	4.52	1.52	7.66	255	68	33
2002	965	55.1998	-1.7133	80.5	364.5	2	5.3	2.24	8.3	6.2	3.32	9.1	255	68	33
2002	999	54.6887	-3.4411	75.5	297	4	4.82	2.04	7.48	5.2	2.61	7.69	253	67	33
2003	1000	54.7505	-3.0775	63.5	24.5	2	3.25	0.59	5.75	2.91	-0.94	6.64	253	67	33
2003	1001	54.8113	-2.7128	70.2	372.7	5	3.45	0.78	6.09	3.17	-0.67	6.98	254	67	33
2003	1003	54.9297	-1.9803	71	130	5	4.26	1.92	6.39	3.16	-0.32	6.58	255	68	33
2003	1004	54.9874	-1.6126	69.89	78.61	9	4.75	2.28	7.08	3.71	0.45	6.9	255	68	33
2003	1038	54.4778	-3.3333	60	2	2	3.46	0.83	6.02	3.08	-0.49	6.69	273	67	33
2003	1039	54.5392	-2.9713	64	1	3	2.23	0.21	4.48	1.72	-1.36	4.9	273	67	33
2003	1040	54.5997	-2.6083	73	NA	1	2.88	0.34	5.56	2.62	-1.44	6.55	274	67	33
2003	1042	54.7176	-1.879	76.33	385.33	3	3.77	1.31	6.1	2.78	-0.77	6.25	275	68	33
2003	1043	54.775	-1.5129	69.75	74.92	4	4.67	2.26	7.12	3.57	0.24	7.01	275	68	33
2003	1077	54.2667	-3.2267	49.5	312.5	2	3.34	0.88	5.87	3.01	-0.36	6.46	273	67	33
2003	1078	54.3279	-2.8663	70.56	154.28	9	3.46	0.83	6.24	3.17	-0.53	6.94	273	67	33
2003	1079	54.3881	-2.5048	75	392	2	3.02	0.58	5.45	2.28	-1.27	5.9	274	67	33
2003	1080	54.4473	-2.1423	69	NA	1	1.95	-0.17	4.02	0.91	-2.1	4.04	274	67	33

2003	1081	54.5054	-1.7788	80.67	65.33	3	3.77	0.91	6.46	2.55	-1.39	6.19	275	68	33
2003	1082	54.5625	-1.4143	77.8	24.7	5	4.1	1.39	6.83	3.07	-0.75	6.92	275	68	33
2003	1083	54.6187	-1.0488	66.67	54.33	3	4.96	2.48	7.45	3.97	0.43	7.34	276	68	34
2003	1116	54.0556	-3.1212	66	NA	1	4.07	1.48	6.61	3.85	0.25	7.46	293	77	33
2003	1117	54.1165	-2.7623	72.91	153.49	11	4.38	1.96	6.78	4.04	0.6	7.45	293	77	33
2003	1118	54.1764	-2.4024	61	NA	1	4.04	1.5	6.43	3.51	-0.1	7.08	294	77	33
2003	1119	54.2352	-2.0415	74.5	40.5	2	2.93	0.47	5.3	1.82	-1.74	5.3	294	77	33
2003	1120	54.2931	-1.6796	82	NA	1	4.09	1.46	6.72	2.99	-0.92	6.88	295	78	33
2003	1121	54.35	-1.3167	77.67	134.33	3	3.98	1.62	6.37	2.79	-0.8	6.48	295	78	33
2003	1122	54.4058	-0.9529	72.67	133.33	3	3.62	1.22	6.04	2.51	-0.97	5.98	296	78	34
2003	1155	53.8443	-3.0167	71.5	53.67	4	4.75	2.18	7.27	4.34	0.92	7.73	293	77	33
2003	1156	53.9049	-2.6594	72	18	2	3.99	1.46	6.61	3.56	0.04	7.11	293	77	33
2003	1157	53.9645	-2.3011	76	50	2	3.48	1.02	5.94	2.69	-0.79	6.2	294	77	33
2003	1158	54.0232	-1.9417	71.5	60.5	2	3.59	1.19	6.03	2.58	-0.92	6.07	294	77	33
2003	1159	54.0808	-1.5814	65.88	55.27	8	3.87	1.32	6.44	2.68	-1.1	6.54	295	78	33
2003	1160	54.1373	-1.2202	72	NA	1	3.89	1.22	6.65	2.67	-1.18	6.95	295	78	33
2003	1161	54.1929	-0.858	79.4	115.3	5	3.69	1.11	6.38	2.76	-0.83	6.4	296	78	34
2003	1162	54.2475	-0.4948	71.5	60.5	2	4.87	2.52	7.28	3.83	0.72	6.89	296	78	34
2003	1189	53.3167	-4.6773	62	NA	1	5.21	2.69	7.48	4.81	1.58	8.05	310	75	39
2003	1193	53.5717	-3.2681	64	NA	1	4.95	2.47	7.45	4.34	1.07	7.62	312	76	39
2003	1194	53.633	-2.9133	70.86	90.14	7	4.63	1.96	7.22	4.1	0.63	7.49	313	77	40
2003	1195	53.6933	-2.5575	73.5	71.5	6	3.94	1.47	6.42	3.34	-0.11	6.65	313	77	40
2003	1196	53.7527	-2.2007	68	0	2	3.22	0.94	5.49	2.26	-0.97	5.5	314	77	40
2003	1197	53.811	-1.843	69	218.73	12	4.03	1.63	6.47	3.04	-0.43	6.51	314	77	40
2003	1198	53.8683	-1.4842	70.25	162.5	8	4.31	1.83	6.9	3.19	-0.52	6.92	315	78	40
2003	1199	53.9246	-1.1246	74.67	52.27	6	4.57	2.05	7.22	3.44	-0.36	7.27	315	78	40
2003	1200	53.9799	-0.764	79	NA	1	3.77	1.4	6.28	2.66	-0.79	6.19	316	78	41
2003	1201	54.0342	-0.4025	73	30	4	4.18	1.7	6.73	3.18	-0.24	6.62	316	78	41
2003	1202	54.0875	-0.04	60	NA	1	5.55	3.37	7.66	4.47	1.85	6.97	317	79	41
2003	1229	53.1717	-4.2182	56.5	165.67	4	5	2.63	7.44	4.43	1.26	7.86	311	76	39
2003	1230	53.2356	-3.8679	66.5	4.5	2	4.25	1.79	6.65	3.24	0.07	6.43	311	76	39
2003	1231	53.2986	-3.5166	61.5	0.5	2	4.86	2.31	7.37	3.96	0.76	7.2	312	76	39
2003	1232	53.3606	-3.1643	84	392	2	5.34	3.16	7.47	4.52	1.75	7.29	312	76	39
2003	1233	53.4216	-2.8109	70.33	140.25	9	4.75	2.14	7.4	4.14	0.7	7.51	313	77	40
2003	1234	53.4816	-2.4567	67.53	68.84	15	4.73	2.16	7.39	4.11	0.6	7.68	313	77	40
2003	1235	53.5407	-2.1014	73.89	116.61	9	3.96	1.59	6.44	3.16	-0.2	6.61	314	77	40
2003	1236	53.5987	-1.7452	74.2	45.31	15	4.41	1.92	6.9	3.42	-0.13	7	314	77	40
2003	1237	53.6558	-1.3881	79	128	6	4.61	2.14	7.1	3.52	-0.07	7.16	315	78	40
2003	1238	53.7118	-1.03	76.5	144.5	2	4.56	2.06	7.27	3.44	-0.51	7.41	315	78	40
2003	1239	53.7669	-0.671	70	2	2	4.87	2.48	7.27	3.92	0.4	7.46	316	78	41
2003	1240	53.8209	-0.3111	64.75	12.92	4	5.04	2.63	7.53	4.16	0.66	7.61	316	78	41
2003	1267	52.8967	-4.4588	42	18	2	5.53	3.24	7.71	5.01	2.03	8.14	330	85	39
2003	1268	52.9613	-4.1109	59.5	12.5	2	5.57	2.83	7.89	5	1.62	8.38	331	86	39
2003	1269	53.025	-3.7621	90	NA	1	2.82	0.77	4.69	1.87	-0.92	4.61	331	86	39
2003	1270	53.0876	-3.4122	70	NA	1	4.3	1.66	6.83	3.32	-0.02	6.64	332	86	39
2003	1271	53.1494	-3.0614	66.83	51.77	6	4.6	1.7	7.43	3.73	0.21	7.27	332	86	39
2003	1272	53.2101	-2.7096	63.33	214.5	9	4.57	1.65	7.55	3.95	0.31	7.62	333	87	40
2003	1273	53.2698	-2.3568	63.6	54.3	5	4.62	2	7.26	4.02	0.48	7.57	333	87	40
2003	1274	53.3286	-2.0031	66.5	79.5	14	4.11	1.67	6.55	3.33	-0.09	6.76	334	87	40
2003	1275	53.3864	-1.6484	74.82	302.76	11	4.5	2.27	6.76	3.41	0.02	6.78	334	87	40
2003	1276	53.4432	-1.2928	69.6	65.6	10	4.46	2	6.96	3.48	-0.25	7.15	335	88	40
2003	1277	53.499	-0.9363	69	57	3	4.71	2.08	7.35	3.86	0.05	7.67	335	88	40
2003	1278	53.5538	-0.5789	73.75	92.92	4	4.47	1.93	7.04	3.82	0.26	7.44	336	88	41
2003	1279	53.6075	-0.2206	65	31	3	4.86	2.3	7.45	4.21	0.88	7.43	336	88	41
2003	1307	52.7509	-4.0047	34.67	356.33	3	4.98	2.52	7.32	4.54	1.39	7.76	331	86	39
2003	1309	52.8766	-3.3089	61	NA	1	4.07	1.26	6.78	3.13	-0.37	6.56	332	86	39
2003	1310	52.938	-2.9595	65	13	3	4.7	1.87	7.49	3.85	0.3	7.43	332	86	39
2003	1311	52.9985	-2.6092	74	109.33	10	4.47	1.58	7.3	3.75	0.13	7.44	333	87	40
2003	1312	53.058	-2.2579	65.63	21.98	8	4.02	1.38	6.62	3.32	-0.09	6.72	333	87	40
2003	1313	53.1165	-1.9057	69.67	17.33	3	3.09	0.63	5.47	2.19	-1.08	5.45	334	87	40
2003	1314	53.174	-1.5526	68.75	63.58	4	3.9	1.6	6.23	2.92	-0.51	6.33	334	87	40
2003	1315	53.2305	-1.1985	70.63	117.41	8	4.23	1.76	6.73	3.37	-0.28	6.99	335	88	40
2003	1316	53.286	-0.8436	75.67	145.33	3	4.42	1.6	7.08	3.83	-0.1	7.63	335	88	40
2003	1317	53.3406	-0.4877	81.67	42.33	3	4.4	1.83	7.02	3.75	-0.04	7.56	336	88	41
2003	1318	53.3941	-0.131	67.5	12.5	2	4.57	2.12	7.21	4.02	0.84	7.09	336	88	41

2003	1345	52.4763	-4.2445	64	NA	1	5.13	2.44	7.78	4.91	1.54	8.27	350	85	39
2003	1346	52.5403	-3.8995	59	NA	1	3.21	1.21	5.15	2.69	0.15	5.27	351	86	39
2003	1348	52.6655	-3.2066	64.5	40.5	2	3.99	1.49	6.44	3.15	-0.11	6.43	352	86	39
2003	1349	52.7267	-2.8587	64.5	25.67	4	4.66	1.86	7.46	3.85	0.24	7.47	352	86	39
2003	1350	52.7868	-2.5098	72	NA	1	4.27	1.63	7.32	3.64	0.42	7.38	353	87	40
2003	1351	52.846	-2.16	85	711	3	3.98	1.29	6.68	3.29	-0.25	6.84	353	87	40
2003	1352	52.9043	-1.8093	75.5	312.5	2	3.78	1.26	6.41	3.13	-0.34	6.57	354	87	40
2003	1353	52.9615	-1.4577	72	132.29	8	4.38	1.71	7.06	3.65	-0.09	7.38	354	87	40
2003	1354	53.0178	-1.1052	69.13	53.84	15	4.61	2.05	7.21	3.89	0.23	7.52	355	88	40
2003	1355	53.073	-0.7518	70.8	94.2	5	4.37	1.76	6.97	3.71	-0.04	7.45	355	88	40
2003	1356	53.1273	-0.3975	71	225	3	4.31	1.81	6.84	3.67	0.04	7.28	356	88	41
2003	1357	53.1806	-0.0423	75.5	112.5	2	4.11	1.65	6.69	3.48	0.02	6.79	356	88	41
2003	1358	53.2328	0.3137	79	NA	1	4.65	2.2	7.17	4.05	1.02	6.99	357	89	41
2003	1381	52.0691	-5.1639	32	NA	1	4.83	2.34	7.13	4.54	1.87	7.05	349	85	38
2003	1382	52.1357	-4.8232	79	NA	1	5.25	2.9	7.41	4.97	2.38	7.36	349	85	38
2003	1383	52.2013	-4.4815	71	NA	1	4.7	2.21	7.19	4.7	1.8	7.47	350	85	39
2003	1384	52.266	-4.1389	51.33	120.33	3	4.1	1.33	6.92	4.26	1.03	7.43	350	85	39
2003	1385	52.3297	-3.7953	64	NA	1	3.91	1.33	6.5	3.66	0.53	6.81	351	86	39
2003	1386	52.3925	-3.4507	59.5	11	4	3.12	0.37	5.89	2.52	-0.82	6.01	351	86	39
2003	1387	52.4543	-3.1052	63.75	22.21	8	3.7	0.97	6.27	2.84	-0.53	6.28	352	86	39
2003	1388	52.5152	-2.7588	70.33	293	9	3.86	1.25	6.56	3.06	-0.38	6.55	352	86	39
2003	1389	52.5751	-2.4114	72.29	123.24	7	4.16	1.49	7.12	3.49	-0.17	7.25	353	87	40
2003	1390	52.634	-2.0631	66.5	57.17	10	4.23	1.61	6.83	3.52	-0.08	7.1	353	87	40
2003	1391	52.692	-1.7139	67.4	49.16	10	4.33	1.52	7.03	3.67	-0.09	7.42	354	87	40
2003	1392	52.7489	-1.3637	73.1	63.66	10	4.08	1.42	6.73	3.42	-0.31	7.15	354	87	40
2003	1393	52.8049	-1.0127	81.67	112.67	6	4.04	1.36	6.71	3.44	-0.37	7.22	355	88	40
2003	1394	52.86	-0.6609	74.6	93.8	5	4.26	1.62	6.87	3.68	-0.12	7.43	355	88	40
2003	1395	52.914	-0.3081	77	247	3	4.35	1.77	6.95	3.88	0.31	7.46	356	88	41
2003	1421	51.9258	-4.7158	49	208	3	4.17	1.56	6.8	4.11	1.16	6.97	369	95	45
2003	1422	51.9912	-4.3756	59.8	216.7	5	3.78	0.95	6.63	3.9	0.69	7.04	370	95	46
2003	1423	52.0555	-4.0343	56	28	3	3.67	1.06	6.3	3.67	0.62	6.63	370	95	46
2003	1424	52.119	-3.6921	45	567	3	3.16	0.48	5.9	3.04	-0.19	6.23	371	96	46
2003	1425	52.1815	-3.3489	59.17	60.57	6	3.45	0.85	6.09	2.95	-0.36	6.26	371	96	46
2003	1426	52.243	-3.0048	64	31.67	7	3.9	1.09	6.66	3.15	-0.35	6.7	372	96	46
2003	1427	52.3036	-2.6598	74	81	7	4.08	1.48	6.86	3.34	-0.16	6.93	372	96	46
2003	1428	52.3632	-2.3139	71.5	7.5	6	4.51	1.6	7.33	3.86	0.05	7.65	373	97	47
2003	1429	52.4219	-1.9671	68.5	84.26	20	4.36	1.77	6.9	3.68	0.13	7.15	373	97	47
2003	1430	52.4796	-1.6193	73.5	88.82	12	4.29	1.56	7.01	3.78	0.12	7.47	374	97	47
2003	1431	52.5363	-1.2707	72.29	64.22	14	3.96	1.1	6.77	3.56	-0.36	7.42	374	97	47
2003	1432	52.5921	-0.9212	79	182.4	6	3.56	0.58	6.46	3.18	-0.85	7.15	375	98	47
2003	1434	52.7006	-0.2196	76	18	2	4.35	1.63	7.11	4.01	0.19	7.86	376	98	48
2003	1435	52.7533	0.1324	80	NA	1	4.3	1.59	7.05	3.91	0.34	7.6	376	98	48
2003	1436	52.8051	0.4853	66.14	208.48	7	4.14	1.56	6.85	3.86	0.43	7.21	377	99	48
2003	1437	52.8559	0.839	79.5	180.5	2	4.75	2.31	7.06	4.07	1.04	7.12	377	99	48
2003	1438	52.9056	1.1934	82.63	128.27	8	4.81	2.48	7.18	4.23	1.36	7.09	378	99	48
2003	1460	51.7159	-4.6095	41.5	544.5	2	4.88	1.82	7.74	4.87	1.77	8.02	369	95	45
2003	1461	51.7809	-4.2706	56.5	4.5	2	4.67	1.68	7.58	4.83	1.52	7.9	370	95	46
2003	1462	51.845	-3.9307	47.33	322.33	3	3.91	1.21	6.53	3.84	0.72	6.85	370	95	46
2003	1464	51.9704	-3.2481	45.33	542.33	3	4.47	1.47	7.17	3.7	-0.13	7.36	371	96	46
2003	1465	52.0317	-2.9054	72.33	294.33	3	4.42	1.58	7.26	3.72	0.14	7.27	372	96	46
2003	1466	52.092	-2.5618	67	66	5	4.52	1.73	7.31	3.8	0.2	7.41	372	96	46
2003	1467	52.1513	-2.2173	64.83	30.97	6	4.82	1.97	7.67	4.16	0.37	7.97	373	97	47
2003	1468	52.2097	-1.872	72.5	57.5	6	4.3	1.32	7.18	3.67	-0.14	7.5	373	97	47
2003	1469	52.2672	-1.5257	62.7	48.23	10	4.28	1.31	7.18	3.8	-0.05	7.59	374	97	47
2003	1470	52.3236	-1.1786	72	170.4	6	3.98	1.18	6.76	3.5	-0.34	7.3	374	97	47
2003	1471	52.3791	-0.8306	71.17	166.97	6	4.06	1.21	6.91	3.68	-0.29	7.63	375	98	47
2003	1472	52.4336	-0.4817	72.8	52.2	5	4.23	1.42	7.04	3.94	-0.07	7.92	375	98	47
2003	1473	52.4871	-0.132	71	63	3	4.41	1.61	7.29	4.09	0.07	8.16	376	98	48
2003	1474	52.5396	0.2185	69	2	2	4.26	1.69	7.02	4.08	0.53	7.78	376	98	48
2003	1475	52.5912	0.5698	66.6	9.8	5	4.25	1.58	6.97	4.05	0.52	7.58	377	99	48
2003	1476	52.6417	0.9219	67	33.5	5	4.24	1.69	6.89	3.91	0.61	7.2	377	99	48
2003	1477	52.6912	1.2748	72.75	71.93	16	4.52	1.97	7.2	4.03	0.97	7.09	378	99	48
2003	1478	52.7397	1.6285	67.5	4.5	2	4.93	2.65	7.33	4.34	1.69	6.92	378	99	48
2003	1500	51.5706	-4.1665	34	162	2	5.15	2.62	7.68	4.97	2.17	7.75	390	95	46
2003	1501	51.6344	-3.828	60	NA	1	3.75	1.28	6.24	3.65	0.83	6.42	390	95	46

2003	1502	51.6973	-3.4886	57.5	0.5	2	2.5	0.31	4.83	2.17	-0.65	4.83	391	96	46
2003	1503	51.7592	-3.1482	46.67	209.33	3	3.88	1.23	6.64	3.43	0.14	6.76	391	96	46
2003	1504	51.8202	-2.8069	59	196	3	4.71	2	7.31	4.23	0.8	7.66	392	96	46
2003	1505	51.8803	-2.4648	61.11	24.86	9	4.75	1.96	7.59	4.27	0.71	7.88	392	96	46
2003	1506	51.9393	-2.1217	63.9	64.32	10	4.87	2.05	7.7	4.4	0.75	8.04	393	97	47
2003	1507	51.9975	-1.7778	59	192	3	4.72	1.74	7.65	4.24	0.26	8.14	393	97	47
2003	1508	52.0546	-1.433	71.38	89.98	8	3.99	1.17	6.74	3.6	-0.22	7.35	394	97	47
2003	1509	52.1108	-1.0873	70.6	90.8	5	3.89	1.02	6.76	3.46	-0.4	7.3	394	97	47
2003	1510	52.1661	-0.7408	75.67	68.27	6	4.33	1.45	7.19	4.04	0.06	8	395	98	47
2003	1511	52.2203	-0.3934	72.2	55.7	5	4.34	1.47	7.2	4.07	0.1	8.02	395	98	47
2003	1512	52.2736	-0.0453	68.75	39.64	8	4.46	1.67	7.25	4.25	0.46	8.01	396	98	48
2003	1513	52.3259	0.3037	72.67	116.33	3	4.4	1.61	7.21	4.16	0.45	7.89	396	98	48
2003	1515	52.4274	1.0041	81.25	30.25	4	4.14	1.44	6.79	3.66	0.17	6.94	397	99	48
2003	1516	52.4767	1.3555	82	NA	1	4.03	1.41	6.94	3.6	0.6	6.69	398	99	48
2003	1517	52.525	1.7076	89	2	2	4.78	2.44	7.19	4.24	2	6.47	398	99	48
2003	1540	51.4237	-3.7263	53	208	3	4.84	2.09	7.66	4.65	1.64	7.72	390	95	46
2003	1541	51.4863	-3.3882	40	204.55	12	4.63	1.81	7.5	4.46	1.21	7.78	391	96	46
2003	1542	51.548	-3.0492	57.5	117.17	10	4.85	1.92	7.84	4.63	1.2	8.11	391	96	46
2003	1543	51.6087	-2.7094	75	162	2	4.42	1.81	7.02	4.03	0.87	7.26	392	96	46
2003	1544	51.6685	-2.3686	64	93.33	7	4.56	1.84	7.37	4.25	0.68	7.9	392	96	46
2003	1545	51.7273	-2.027	61.8	156.7	5	4.23	1.38	7.1	3.92	0.3	7.59	393	97	47
2003	1546	51.7851	-1.6845	76	164	4	4.11	1.3	6.93	3.8	0.12	7.52	393	97	47
2003	1547	51.842	-1.3411	74.21	73.1	14	4.4	1.57	7.21	4.16	0.4	7.91	394	97	47
2003	1548	51.898	-0.9969	77	250	4	4.13	1.29	6.99	3.89	0.07	7.72	394	97	47
2003	1549	51.953	-0.6519	69	18.5	5	4.25	1.45	7.05	3.97	0.12	7.77	395	98	47
2003	1550	52.007	-0.306	73.6	102.3	5	4.23	1.37	7.1	3.96	0.12	7.75	395	98	47
2003	1551	52.06	0.0407	66.2	47.7	5	4.35	1.46	7.22	4.17	0.36	7.94	396	98	48
2003	1552	52.112	0.3882	72.83	50.97	6	3.93	1.13	6.78	3.57	-0.16	7.27	396	98	48
2003	1553	52.1631	0.7364	62	NA	1	3.92	1.21	6.67	3.59	0.23	6.96	397	99	48
2003	1554	52.2131	1.0855	74	NA	1	4.06	1.35	6.77	3.6	0.08	6.95	397	99	48
2003	1555	52.2622	1.4353	87.25	104.25	4	4.54	1.84	7.31	3.92	1.08	6.75	398	99	48
2003	1576	51.0204	-4.6302	2	NA	1	5.23	3.24	7.24	4.54	2.51	7.29	409	105	45
2003	1577	51.0855	-4.2962	25	NA	1	5.2	2.54	7.98	5.11	2.02	8.27	409	105	45
2003	1578	51.1497	-3.9613	17.4	108.3	5	3.75	1.13	6.55	3.8	0.76	6.69	410	105	46
2003	1579	51.2129	-3.6255	49	512	2	5.3	3.07	7.65	5.27	2.55	8.07	410	105	46
2003	1581	51.3366	-2.9512	54	195	9	5.15	2.28	8.19	5.08	1.7	8.52	411	106	46
2003	1582	51.3971	-2.6127	50.91	171.89	11	4.9	2.1	7.78	4.75	1.38	8.13	412	106	46
2003	1583	51.4566	-2.2733	61.75	43.58	4	4.57	1.67	7.46	4.44	0.9	7.99	412	106	46
2003	1584	51.5151	-1.9331	67.63	43.13	8	4.33	1.44	7.15	4.09	0.38	7.81	413	107	47
2003	1585	51.5727	-1.592	66.25	54.92	4	4.37	1.4	7.27	4.08	0.25	7.92	413	107	47
2003	1586	51.6294	-1.2501	73.79	67.1	14	4.48	1.49	7.47	4.31	0.4	8.23	414	107	47
2003	1587	51.6851	-0.9074	70.86	63.81	7	4.06	1.52	6.61	3.86	0.5	7.29	414	107	47
2003	1588	51.7398	-0.5638	71.21	73.73	19	4.01	1.27	6.76	3.83	0.27	7.34	415	108	47
2003	1589	51.7935	-0.2194	74.65	143.49	17	4.24	1.46	7.04	4.02	0.4	7.61	415	108	47
2003	1590	51.8463	0.1258	78.25	116.25	4	3.99	1.24	6.76	3.76	0.21	7.29	416	108	48
2003	1591	51.8981	0.4718	75	162	4	4.12	1.5	6.77	3.73	0.31	7.11	416	108	48
2003	1592	51.9489	0.8185	74	35.45	12	4.29	1.49	7.13	3.93	0.51	7.34	417	109	48
2003	1593	51.9988	1.1661	72.11	70.36	9	4.35	1.61	7.1	3.99	0.89	7.09	417	109	48
2003	1594	52.0476	1.5143	73.4	64.8	5	4.93	2.52	7.34	4.38	1.81	6.9	418	109	48
2003	1615	50.8104	-4.5264	27	NA	1	5.76	3.33	8.1	5.65	2.85	8.39	409	105	45
2003	1616	50.8752	-4.1937	32.43	226.62	7	4.97	2.2	7.77	4.93	1.84	8.13	409	105	45
2003	1617	50.9391	-3.8601	44.83	168.97	6	4.48	1.89	7.13	4.42	1.53	7.38	410	105	46
2003	1618	51.002	-3.5257	51.63	222.55	8	4.17	1.52	6.9	4.18	1.27	7.19	410	105	46
2003	1619	51.0641	-3.1903	60.08	174.63	12	5.23	2.26	8.29	5.14	2	8.38	411	106	46
2003	1620	51.1252	-2.854	55.29	237.24	7	5.18	2.21	8.3	5.21	1.94	8.57	411	106	46
2003	1621	51.1854	-2.5169	62.89	163.11	9	4.25	1.52	7.06	4.25	1.15	7.4	412	106	46
2003	1622	51.2446	-2.179	64.17	72.7	12	4.4	1.34	7.45	4.45	0.83	8.08	412	106	46
2003	1623	51.3029	-1.8401	66	832.67	4	3.83	0.85	6.81	3.73	0.1	7.39	413	107	47
2003	1624	51.3603	-1.5005	68	82	4	4.08	1.08	7.09	4.02	0.27	7.77	413	107	47
2003	1625	51.4167	-1.16	67.73	70.02	11	4.38	1.44	7.34	4.35	0.67	8.01	414	107	47
2003	1626	51.4721	-0.8186	68.75	81.66	12	4.53	1.62	7.45	4.47	0.84	8.17	414	107	47
2003	1627	51.5266	-0.4765	72	106.17	13	4.68	1.78	7.58	4.62	0.98	8.25	415	108	47
2003	1628	51.5801	-0.1336	68.94	91.82	18	5.12	2.42	7.83	4.93	1.48	8.38	415	108	47
2003	1629	51.6326	0.2101	66.17	23.77	6	4.38	1.63	7.18	3.95	0.44	7.48	416	108	48
2003	1630	51.6842	0.5546	73.33	132	9	4.55	1.84	7.34	4.1	0.66	7.53	416	108	48

2003	1631	51.7348	0.8999	75.6	52.8	5	4.66	2.08	7.29	4.22	1.09	7.35	417	109	48
2003	1632	51.7844	1.2459	77.67	184.33	3	4.33	1.91	6.87	4.12	1.34	6.88	417	109	48
2003	1652	50.4684	-5.0835	39	NA	1	6.76	4.38	9.07	6.64	4.01	9.38	428	104	52
2003	1653	50.5348	-4.754	20	128.67	4	5.03	2.74	7.19	5.25	2.56	7.75	428	104	52
2003	1654	50.6002	-4.4235	37.83	161.06	12	5.07	2.21	7.95	5.17	2.06	8.35	429	105	52
2003	1655	50.6648	-4.0921	35.5	180.5	2	4.43	1.82	7.06	4.61	1.79	7.42	429	105	52
2003	1656	50.7284	-3.7598	43.17	232.97	6	4.74	1.99	7.48	4.71	1.79	7.58	430	105	53
2003	1657	50.7911	-3.4267	43.5	127.61	10	4.84	1.93	7.83	4.87	1.87	7.93	430	105	53
2003	1658	50.8529	-3.0927	40.86	13.48	7	4.47	1.74	7.3	4.41	1.61	7.38	431	106	53
2003	1659	50.9137	-2.7578	56.7	624.9	10	4.86	1.81	7.96	4.93	1.73	8.27	431	106	53
2003	1660	50.9736	-2.422	59.75	61.58	4	4.42	1.4	7.43	4.49	1.25	7.88	432	106	53
2003	1661	51.0326	-2.0854	63.17	154.97	6	4.21	1.2	7.19	4.2	0.94	7.61	432	106	53
2003	1662	51.0906	-1.748	52	133	3	4.16	1.15	7.21	4.28	0.79	7.81	433	107	54
2003	1663	51.1477	-1.4097	62.17	34.17	6	4.41	1.25	7.55	4.49	0.89	8.12	433	107	54
2003	1664	51.2039	-1.0707	70.31	76.56	13	4.16	1.15	7.12	4.05	0.42	7.66	434	107	54
2003	1665	51.259	-0.7308	66.59	114.63	17	4.43	1.34	7.49	4.33	0.57	8.07	434	107	54
2003	1666	51.3133	-0.3901	68.16	148.03	19	4.84	1.97	7.7	4.73	1.18	8.26	435	108	54
2003	1667	51.3665	-0.0486	62.74	143.28	27	4.98	2.31	7.69	4.7	1.33	8.11	435	108	54
2003	1668	51.4188	0.2937	54.67	111.47	6	4.73	1.97	7.55	4.35	0.86	7.81	436	108	55
2003	1669	51.4702	0.6367	69.5	82.57	8	4.92	2.44	7.45	4.29	1.12	7.48	436	108	55
2003	1690	50.1918	-5.3064	31.5	110.33	4	6.29	3.85	8.71	6.36	3.79	8.98	427	104	52
2003	1691	50.2588	-4.979	45	72	2	5.68	3.22	8.14	5.82	3.16	8.4	428	104	52
2003	1692	50.3249	-4.6507	43.5	4.5	2	5.32	2.63	8.02	5.5	2.64	8.38	428	104	52
2003	1693	50.39	-4.3215	46.83	334.97	6	5.46	2.53	8.42	5.75	2.77	8.77	429	105	52
2003	1694	50.4543	-3.9914	43.25	290.21	8	4.72	1.98	7.57	4.86	2.13	7.69	429	105	52
2003	1695	50.5176	-3.6605	34.65	544.49	17	5.74	2.89	8.53	5.6	2.94	8.29	430	105	53
2003	1696	50.58	-3.3286	48	288	2	5.7	3.13	8.34	5.6	3	8.21	430	105	53
2003	1697	50.6415	-2.9959	49.67	82.33	3	4.68	1.87	7.81	4.62	1.85	7.59	431	106	53
2003	1698	50.7021	-2.6624	57.5	84.5	2	4.37	1.66	7.25	4.34	1.55	7.26	431	106	53
2003	1699	50.7618	-2.328	49	131.5	5	4.47	1.42	7.51	4.48	1.42	7.7	432	106	53
2003	1700	50.8205	-1.9928	44.15	162.47	13	4.83	1.73	7.96	4.9	1.65	8.23	432	106	53
2003	1701	50.8783	-1.6567	38.13	71.84	8	4.79	1.7	7.91	4.9	1.54	8.31	433	107	54
2003	1702	50.9351	-1.3198	49.38	127.92	13	4.9	1.81	8	4.95	1.59	8.33	433	107	54
2003	1703	50.991	-0.9822	49.5	186.82	12	4.47	1.24	7.73	4.4	0.77	8.04	434	107	54
2003	1704	51.0459	-0.6437	64	46	5	4.24	1.05	7.43	3.96	0.2	7.93	434	107	54
2003	1705	51.0999	-0.3044	71.27	149.82	11	4.27	1.05	7.45	4.12	0.38	7.88	435	108	54
2003	1706	51.1529	0.0356	61.25	34.92	4	4.15	1.07	7.24	3.78	0.09	7.35	435	108	54
2003	1707	51.205	0.3764	66.72	59.62	18	4.41	1.48	7.37	3.97	0.46	7.46	436	108	55
2003	1708	51.2561	0.718	63.75	36.5	8	4.8	2.19	7.45	4.24	0.95	7.54	436	108	55
2003	1709	51.3062	1.0603	63.7	88.9	10	4.87	2.25	7.5	4.33	1.23	7.43	437	109	55
2003	1734	50.3068	-3.5619	45.5	299.67	4	6.18	3.61	8.84	6.17	3.73	8.65	450	115	53
2003	1737	50.4905	-2.5679	37.5	0.5	2	5.61	2.94	8.38	5.56	2.83	8.39	451	116	53
2003	1739	50.6083	-1.9009	45	NA	1	5.64	3.14	8.15	5.46	3.12	7.87	452	116	53
2003	1740	50.6658	-1.5663	30	128	2	5.33	2.48	8.16	5.31	2.39	8.29	453	117	54
2003	1741	50.7224	-1.2308	50.14	305.81	7	5.33	2.61	8.08	5.23	2.39	8.09	453	117	54
2003	1742	50.7781	-0.8945	59.33	10.67	6	5.01	2.12	7.94	4.96	1.82	8.09	454	117	54
2003	1743	50.8328	-0.5574	58.8	159.7	5	4.49	1.58	7.42	4.24	1.03	7.42	454	117	54
2003	1744	50.8865	-0.2196	55.57	158.57	14	4.48	1.78	7.33	4.11	1.03	7.23	455	118	54
2003	1745	50.9393	0.119	58.5	226.06	10	4.46	1.33	7.57	4.16	0.62	7.73	455	118	54
2003	1746	50.9911	0.4584	65.83	387.77	6	4.45	1.43	7.53	4.06	0.58	7.55	456	118	55
2003	1747	51.042	0.7985	66.75	296.25	4	4.49	1.67	7.35	4.04	0.79	7.33	456	118	55
2003	1748	51.0919	1.1393	64.17	22.17	6	4.38	1.92	6.89	3.78	1.06	6.59	457	119	55
2003	1749	51.1408	1.4809	54	NA	1	5.53	3.21	7.86	4.85	2.2	7.52	457	119	55
2003	1784	50.7256	0.2017	56	132	6	5.05	2.25	7.77	4.33	1.25	7.39	455	118	54
2003	1785	50.7772	0.5396	58.6	39.3	5	4.65	2.28	7.06	4.06	1.43	6.71	456	118	55
2003	339	58.4573	-4.2807	80	NA	1	3.4	0.52	6.27	3.46	-0.16	6.99	94	27	12
2003	340	58.5213	-3.884	67	NA	1	4.02	1.02	7.07	4.03	0.54	7.39	95	28	12
2003	377	58.1824	-4.5498	60	NA	1	2.06	-1.09	5.2	2.2	-1.97	6.34	94	27	12
2003	416	57.9725	-4.4249	64	NA	1	2.57	-0.76	5.75	2.77	-1.84	7.29	114	27	12
2003	449	57.3556	-6.6121	61	NA	1	4.22	1.67	6.83	5.06	2.13	8.22	111	26	11
2003	451	57.4955	-5.8474	86	NA	1	4.49	2.38	6.67	5.58	2.55	8.61	112	26	11
2003	452	57.5638	-5.463	68	NA	1	2.93	0	5.87	3.69	-0.37	7.83	112	26	11
2003	489	57.2177	-6.0998	57	NA	1	4.13	1.12	6.86	4.93	1.6	8.05	131	36	18
2003	490	57.2867	-5.7184	63	NA	1	2	-0.3	4.36	2.72	-0.51	5.97	132	36	18
2003	491	57.3547	-5.3357	83	NA	1	2.71	0.01	5.43	3.5	-0.21	7.19	132	36	18

2003	492	57.4217	-4.9517	74	NA	1	1.12	-1.82	4.06	1.35	-2.86	5.6	133	37	19
2003	493	57.4876	-4.5663	64	NA	1	2.83	-0.8	6.49	3.36	-1.47	8.13	133	37	19
2003	494	57.5524	-4.1796	64.67	36.33	3	3.46	0.54	6.5	3.57	-0.66	7.6	134	37	19
2003	496	57.6789	-3.4024	81	NA	1	4.09	0.94	7.23	4.06	-0.02	8.14	135	38	19
2003	497	57.7406	-3.0119	65	NA	1	4.28	1.79	6.8	3.87	0.8	6.97	135	38	19
2003	531	57.2121	-4.8276	78	NA	1	2.23	-0.57	5.03	2.36	-1.52	6.29	133	37	19
2003	532	57.2777	-4.444	65.5	60.5	2	2.25	-1.24	5.58	2.36	-2.21	7.02	133	37	19
2003	534	57.4057	-3.6729	67	NA	1	3.07	-0.02	6.11	3.2	-0.96	7.33	134	37	19
2003	535	57.4681	-3.2855	88	NA	1	2.43	-0.34	5.37	2.24	-1.58	5.92	135	38	19
2003	537	57.5896	-2.5069	76	128	2	3.85	1.15	6.67	3.48	0.26	6.79	136	38	20
2003	573	57.195	-3.5556	85.67	352.33	3	1.46	-1.79	4.84	1.47	-2.63	5.86	154	37	19
2003	575	57.3181	-2.783	94	NA	1	2.79	-0.04	5.77	2.36	-1.03	5.95	155	38	19
2003	576	57.378	-2.395	90	200	2	3.53	0.78	6.36	3.09	-0.05	6.33	156	38	20
2003	577	57.4368	-2.0057	84.5	112.5	2	4.01	1.38	6.76	3.55	0.85	6.36	156	38	20
2003	614	57.1067	-2.6706	84	NA	1	3.48	0.5	6.48	2.93	-0.55	6.48	155	38	19
2003	615	57.1663	-2.2844	65.5	60.5	2	3.97	1.14	6.82	3.39	0.31	6.54	156	38	20
2003	644	56.3141	-5.9649	72	NA	1	3.33	0.77	6.36	3.69	0.66	6.86	171	46	18
2003	649	56.6474	-4.0853	66.5	12.5	2	2.67	-0.04	5.22	2.18	-1.11	5.33	173	47	19
2003	654	56.9544	-2.175	64	NA	1	4.21	1.86	6.71	3.73	1.28	6.33	176	48	20
2003	684	56.1738	-5.4679	57	98	2	4.12	1.24	7.08	4.44	1.21	7.66	171	46	18
2003	685	56.2411	-5.0949	78	NA	1	1.36	-1.08	3.98	1.52	-1.26	4.43	172	46	18
2003	686	56.3075	-4.7206	39	NA	1	3.89	1.11	6.66	3.79	0.52	6.82	172	46	18
2003	689	56.5002	-3.5904	74	NA	1	3.06	-0.19	6.28	2.43	-1.34	6.39	174	47	19
2003	690	56.5624	-3.2113	94	NA	1	3.34	0.21	6.42	2.85	-0.84	6.61	174	47	19
2003	722	55.8966	-5.7158	61	NA	1	4.35	1.55	7.19	4.57	1.24	7.79	191	46	25
2003	723	55.9647	-5.3457	72	74	4	3.21	0.6	5.91	3.4	0.56	6.26	191	46	25
2003	724	56.0317	-4.9743	79	NA	1	4.19	1.35	6.97	4.23	0.94	7.39	192	46	25
2003	725	56.0977	-4.6016	62	722	2	3.98	1.23	6.71	3.89	0.59	7.13	192	46	25
2003	726	56.1626	-4.2278	65.75	26.25	4	2.9	0	5.81	2.75	-0.77	6.3	193	47	26
2003	729	56.3513	-3.0991	80	140	4	3.5	0.62	6.37	2.9	-0.59	6.49	194	47	26
2003	730	56.4121	-2.7205	69.5	220.5	2	4.65	2.23	7.04	3.85	0.84	6.92	195	48	26
2003	763	55.8221	-4.8549	75	NA	1	4.76	2.16	7.39	4.77	1.82	7.75	192	46	25
2003	764	55.8877	-4.4839	62.67	95.07	6	3.72	0.81	6.66	3.69	0.16	7.24	192	46	25
2003	765	55.9524	-4.1117	77	108	3	3.13	0.27	6.09	3.01	-0.64	6.73	193	47	26
2003	766	56.016	-3.7384	68	NA	1	2.99	0.23	5.75	2.69	-0.96	6.29	193	47	26
2003	767	56.0786	-3.3638	73	NA	1	3.04	0.02	6.22	2.62	-1.18	6.58	194	47	26
2003	768	56.1401	-2.9881	66	NA	1	3.58	1.26	5.95	2.93	-0.05	5.96	194	47	26
2003	801	55.546	-5.1051	58	NA	1	3.09	0.76	5.56	2.96	0.42	5.56	211	56	25
2003	803	55.6777	-4.3675	80	722	2	2.8	-0.15	5.68	2.69	-0.91	6.33	212	56	25
2003	804	55.742	-3.997	74	NA	1	2.33	-0.27	5.07	2.22	-1.29	5.85	213	57	26
2003	805	55.8053	-3.6253	80	NA	1	3.24	0.23	6.23	2.87	-1.14	6.96	213	57	26
2003	806	55.8676	-3.2524	80.6	136.8	5	3.55	0.84	6.31	3.06	-0.6	6.85	214	57	26
2003	842	55.4676	-4.2523	98	NA	1	2.89	-0.2	6.01	2.93	-0.81	6.72	212	56	25
2003	843	55.5316	-3.8834	96	NA	1	2.93	0.15	5.71	2.69	-1.15	6.62	213	57	26
2003	844	55.5946	-3.5133	90	NA	1	0.55	-1.77	2.94	0.16	-3.05	3.41	213	57	26
2003	845	55.6565	-3.1422	80.4	37.3	5	2.55	-0.23	5.4	2.17	-1.69	6.07	214	57	26
2003	846	55.7175	-2.7698	68	NA	1	1.97	-0.7	4.75	1.41	-2.32	5.2	214	57	26
2003	847	55.7773	-2.3964	69	NA	1	3.69	1.61	5.84	2.77	-0.03	5.64	215	58	26
2003	882	55.321	-3.7711	64	NA	1	0.46	-1.71	2.72	0.1	-2.97	3.12	233	57	26
2003	885	55.506	-2.6624	70	NA	1	3.08	0.28	5.84	2.68	-1.34	6.65	234	57	26
2003	886	55.5656	-2.2907	70	NA	1	3.94	1.13	6.69	3.33	-0.55	7.16	235	58	26
2003	918	54.9172	-4.7536	44	NA	1	3.56	0.66	6.42	3.49	0.25	6.7	231	56	25
2003	921	55.1103	-3.6599	115	NA	1	3.98	1.29	6.64	3.72	0.08	7.44	233	57	26
2003	923	55.2341	-2.9252	114	NA	1	1.89	-0.64	4.44	1.53	-2.16	5.21	234	57	26
2003	925	55.3537	-2.1861	72	NA	1	1.89	-0.23	4.27	1.04	-2.12	4.46	235	58	26
2003	926	55.412	-1.815	68	18	2	4.24	1.62	6.81	3.27	-0.06	6.62	235	58	26
2003	957	54.7073	-4.6389	60	NA	1	4.15	1.34	6.93	4	0.77	7.17	251	66	32
2003	958	54.7724	-4.277	75	98	2	3.23	0.73	5.85	2.99	-0.31	6.23	252	66	32
2003	959	54.8365	-3.914	75	NA	1	3.06	0.62	5.57	2.82	-0.46	6.05	252	66	32
2003	961	54.9617	-3.1847	69	NA	1	3.61	0.79	6.64	3.65	-0.16	7.82	253	67	33
2003	962	55.0227	-2.8184	66.25	20.25	4	3.66	0.97	6.32	3.44	-0.44	7.3	254	67	33
2003	963	55.0828	-2.4511	73.5	4.5	2	2.92	0.3	5.51	2.4	-1.29	6.1	254	67	33
2003	964	55.1418	-2.0827	70	NA	1	2.94	0.43	5.58	2.28	-1.3	5.98	255	68	33
2003	965	55.1998	-1.7133	75.5	12.5	2	5.06	2.75	7.26	3.98	0.95	6.98	255	68	33
2003	999	54.6887	-3.4411	77.25	192.92	4	3.51	0.96	5.86	3.38	-0.17	6.89	253	67	33

2004	1000	54.7505	-3.0775	67	72	2	4.39	1.77	6.93	4.19	0.83	7.51	253	67	33
2004	1001	54.8113	-2.7128	89.5	51	4	4.4	1.82	6.92	4.27	0.98	7.51	254	67	33
2004	1003	54.9297	-1.9803	71.33	44.33	3	4.25	1.81	6.65	4.37	1.42	7.3	255	68	33
2004	1004	54.9874	-1.6126	68.91	196.09	11	5.04	2.55	7.38	5.44	2.73	8.04	255	68	33
2004	1038	54.4778	-3.3333	46	NA	1	5.07	2.51	7.65	4.86	1.52	8.16	273	67	33
2004	1039	54.5392	-2.9713	60	242	2	2.71	0.81	4.84	2.25	-0.29	4.89	273	67	33
2004	1040	54.5997	-2.6083	80.4	85.3	5	3.26	0.94	5.65	2.9	0.15	5.85	274	67	33
2004	1043	54.775	-1.5129	71.75	34.25	4	5.08	2.61	7.63	5.65	2.97	8.46	275	68	33
2004	1077	54.2667	-3.2267	61	450	2	4.63	2.09	7.16	4.51	1.17	7.87	273	67	33
2004	1078	54.3279	-2.8663	67.4	130.8	5	4.28	1.51	7.16	4.23	0.75	7.78	273	67	33
2004	1079	54.3881	-2.5048	77.67	169.33	3	3.14	0.89	5.51	2.85	0	5.84	274	67	33
2004	1080	54.4473	-2.1423	74	NA	1	2.62	0.51	4.71	2.26	-0.17	4.79	274	67	33
2004	1081	54.5054	-1.7788	69.67	492.33	3	4.35	1.42	7.2	4.66	1.54	7.61	275	68	33
2004	1082	54.5625	-1.4143	71	162.8	6	4.53	1.73	7.38	5.14	2.16	8.17	275	68	33
2004	1083	54.6187	-1.0488	77.67	4.33	3	4.94	2.3	7.59	5.73	3.09	8.26	276	68	34
2004	1117	54.1165	-2.7623	75.13	98.7	8	4.95	2.33	7.49	4.91	1.67	8.11	293	77	33
2004	1118	54.1764	-2.4024	97	NA	1	4.77	2.16	7.2	4.69	1.48	7.83	294	77	33
2004	1119	54.2352	-2.0415	76	NA	1	3.57	1.13	5.98	3.79	0.82	6.69	294	77	33
2004	1121	54.35	-1.3167	82.17	80.17	6	4.43	1.77	7.15	4.96	2.13	7.87	295	78	33
2004	1122	54.4058	-0.9529	77.75	108.92	4	3.31	0.82	5.85	3.99	1.52	6.43	296	78	34
2004	1155	53.8443	-3.0167	76.25	88.92	4	5.49	2.91	8.01	5.41	2.19	8.61	293	77	33
2004	1156	53.9049	-2.6594	62.5	297.67	4	4.81	2.25	7.43	4.84	1.61	8.09	293	77	33
2004	1157	53.9645	-2.3011	73	NA	1	4.58	2.12	7	4.53	1.54	7.58	294	77	33
2004	1158	54.0232	-1.9417	75.5	4.5	2	4.16	1.76	6.61	4.33	1.54	7.13	294	77	33
2004	1159	54.0808	-1.5814	62.71	44.9	7	4.29	1.6	6.99	4.67	1.79	7.62	295	78	33
2004	1161	54.1929	-0.858	76	19	3	3.72	0.88	6.66	4.77	1.98	7.56	296	78	34
2004	1162	54.2475	-0.4948	72	39	3	4.76	2.27	7.3	5.7	3.41	7.94	296	78	34
2004	1193	53.5717	-3.2681	75	NA	1	5.79	3.4	8.18	5.6	2.58	8.63	312	76	39
2004	1194	53.633	-2.9133	76.25	34.25	4	5.27	2.61	7.88	5.29	2.04	8.45	313	77	40
2004	1195	53.6933	-2.5575	73.22	143.44	9	4.48	2.04	6.92	4.53	1.51	7.44	313	77	40
2004	1196	53.7527	-2.2007	77	NA	1	3.8	1.39	6.16	3.69	0.89	6.5	314	77	40
2004	1197	53.811	-1.843	74.59	160.26	17	4.58	2.14	7.05	4.81	2.09	7.53	314	77	40
2004	1198	53.8683	-1.4842	74.21	116.18	14	4.77	2.2	7.48	5.22	2.48	8.02	315	78	40
2004	1199	53.9246	-1.1246	67.67	292.33	3	4.9	2.16	7.72	5.64	2.83	8.48	315	78	40
2004	1200	53.9799	-0.764	75.83	30.57	6	4.25	1.55	7.15	5.08	2.36	7.89	316	78	41
2004	1201	54.0342	-0.4025	75	NA	1	4.71	1.97	7.47	5.7	3.1	8.34	316	78	41
2004	1229	53.1717	-4.2182	47.67	164.67	6	6.07	3.76	8.5	5.65	2.97	8.35	311	76	39
2004	1230	53.2356	-3.8679	73	50	2	4.8	2.39	7.28	4.31	1.62	6.93	311	76	39
2004	1231	53.2986	-3.5166	66	NA	1	5.21	2.62	7.83	4.97	2.05	7.9	312	76	39
2004	1232	53.3606	-3.1643	63.33	201.33	3	6.08	3.77	8.41	5.98	3.28	8.63	312	76	39
2004	1233	53.4216	-2.8109	65.78	101.44	9	5.54	3.03	8.08	5.57	2.5	8.57	313	77	40
2004	1234	53.4816	-2.4567	74.8	137.46	15	5.31	2.67	8.02	5.5	2.43	8.65	313	77	40
2004	1235	53.5407	-2.1014	63.83	118.17	6	4.14	1.75	6.59	4.25	1.5	7.05	314	77	40
2004	1236	53.5987	-1.7452	73	20.5	5	4.81	2.1	7.55	5.21	2.33	8.15	314	77	40
2004	1237	53.6558	-1.3881	75.36	193.65	11	5.13	2.45	7.86	5.63	2.84	8.44	315	78	40
2004	1238	53.7118	-1.03	81	93	3	4.87	2.08	7.81	5.58	2.67	8.53	315	78	40
2004	1239	53.7669	-0.671	75	2	2	4.87	2.14	7.63	5.78	3.13	8.43	316	78	41
2004	1240	53.8209	-0.3111	71.29	122.9	7	5.01	2.36	7.74	6.1	3.54	8.61	316	78	41
2004	1266	52.8312	-4.8056	75	NA	1	6.77	4.83	8.7	6.07	3.8	8.32	330	85	39
2004	1267	52.8967	-4.4588	48.75	265.58	4	5.6	3.55	7.76	4.94	2.41	7.43	330	85	39
2004	1268	52.9613	-4.1109	28.5	112.5	2	5.72	3.57	7.94	5.35	2.57	8.17	331	86	39
2004	1271	53.1494	-3.0614	66.6	479.3	5	5.54	2.68	8.36	5.46	2.32	8.55	332	86	39
2004	1272	53.2101	-2.7096	63.5	471.9	6	5.28	2.4	8.23	5.5	2.27	8.7	333	87	40
2004	1273	53.2698	-2.3568	80.5	59.67	4	5.21	2.42	7.95	5.49	2.3	8.65	333	87	40
2004	1274	53.3286	-2.0031	71.46	160.44	13	4.56	1.93	7.12	4.74	1.81	7.66	334	87	40
2004	1275	53.3864	-1.6484	73.6	148.04	10	4.89	2.47	7.33	5.14	2.55	7.7	334	87	40
2004	1276	53.4432	-1.2928	77.78	136.94	9	5.03	2.28	7.82	5.5	2.57	8.37	335	88	40
2004	1277	53.499	-0.9363	73	98	2	5.11	2.19	8.07	5.76	2.81	8.74	335	88	40
2004	1278	53.5538	-0.5789	84.75	64.25	4	4.51	1.57	7.48	5.5	2.69	8.36	336	88	41
2004	1279	53.6075	-0.2206	74.33	1.33	3	4.64	1.87	7.53	5.89	3.31	8.37	336	88	41
2004	1307	52.7509	-4.0047	39.5	84.5	2	5.58	2.94	8.09	5.13	2.08	8.04	331	86	39
2004	1310	52.938	-2.9595	58	171	3	5.44	2.61	8.26	5.38	2.2	8.46	332	86	39
2004	1311	52.9985	-2.6092	78.8	230.7	5	5	2.23	7.78	5.23	2.09	8.39	333	87	40
2004	1312	53.058	-2.2579	71.91	78.29	11	4.68	1.96	7.36	4.98	2	7.92	333	87	40
2004	1313	53.1165	-1.9057	76	242	2	3.73	1.12	6.28	3.86	1.05	6.63	334	87	40

2004	1314	53.174	-1.5526	74.8	91.7	5	4.44	1.84	7.06	4.76	2	7.54	334	87	40
2004	1315	53.2305	-1.1985	72.13	183.27	8	4.77	2.05	7.52	5.24	2.52	7.93	335	88	40
2004	1316	53.286	-0.8436	75	44	4	4.76	1.61	7.78	5.6	2.59	8.52	335	88	40
2004	1317	53.3406	-0.4877	77.67	112.33	3	4.65	1.65	7.67	5.49	2.65	8.39	336	88	41
2004	1318	53.3941	-0.131	73.5	12.5	2	4.59	1.83	7.63	5.83	3.36	8.12	336	88	41
2004	1346	52.5403	-3.8995	30	98	2	4.9	2.32	7.49	4.31	1.36	7.31	351	86	39
2004	1347	52.6034	-3.5535	48.33	204.33	3	4.05	1.29	6.85	3.7	0.69	6.74	351	86	39
2004	1348	52.6655	-3.2066	79.5	220.5	2	5.44	2.56	8.32	5.3	2.06	8.44	352	86	39
2004	1349	52.7267	-2.8587	70.75	252.92	4	5.17	2.34	8.08	5.19	1.8	8.31	352	86	39
2004	1350	52.7868	-2.5098	68	NA	1	5.06	2.26	7.92	5.14	1.91	8.28	353	87	40
2004	1351	52.846	-2.16	78	189	3	4.65	1.86	7.49	4.93	1.99	7.9	353	87	40
2004	1352	52.9043	-1.8093	62.2	310.7	5	4.39	1.69	7.17	4.73	1.84	7.63	354	87	40
2004	1353	52.9615	-1.4577	74	124.4	6	5.16	2.27	8.07	5.61	2.64	8.56	354	87	40
2004	1354	53.0178	-1.1052	73.86	97.82	14	5.05	2.24	7.91	5.53	2.81	8.22	355	88	40
2004	1355	53.073	-0.7518	68.5	204.33	4	4.93	1.96	7.92	5.61	2.82	8.43	355	88	40
2004	1357	53.1806	-0.0423	78	NA	1	4.35	1.56	7.24	5.26	2.7	7.68	356	88	41
2004	1358	53.2328	0.3137	87	NA	1	4.55	1.66	7.52	5.57	3.04	8.06	357	89	41
2004	1381	52.0691	-5.1639	55	NA	1	5.82	3.17	8.29	5.24	2.44	7.83	349	85	38
2004	1382	52.1357	-4.8232	23	NA	1	6.19	3.71	8.49	5.61	3	8	349	85	38
2004	1384	52.266	-4.1389	40	NA	1	4.66	1.86	7.58	4.41	1.16	7.64	350	85	39
2004	1385	52.3297	-3.7953	71	32	2	4.75	1.96	7.57	4.24	0.94	7.51	351	86	39
2004	1387	52.4543	-3.1052	76.83	48.17	6	4.37	1.48	7.1	4.09	1.06	7.15	352	86	39
2004	1388	52.5152	-2.7588	63	8	2	4.85	2.02	7.73	4.77	1.58	7.82	352	86	39
2004	1389	52.5751	-2.4114	61.25	162.92	4	4.82	2.02	7.88	5.04	1.92	8.23	353	87	40
2004	1390	52.634	-2.0631	71.6	88.93	10	4.89	2.19	7.62	5.12	2.24	8	353	87	40
2004	1391	52.692	-1.7139	71.67	215.52	12	4.91	1.96	7.8	5.21	2.22	8.21	354	87	40
2004	1392	52.7489	-1.3637	79	255.5	9	4.93	2.03	7.85	5.32	2.45	8.21	354	87	40
2004	1393	52.8049	-1.0127	84	134	5	4.79	1.83	7.77	5.25	2.37	8.14	355	88	40
2004	1394	52.86	-0.6609	76.67	8.33	3	4.81	1.82	7.78	5.38	2.52	8.2	355	88	40
2004	1395	52.914	-0.3081	73	NA	1	4.73	1.68	7.83	5.6	2.89	8.34	356	88	41
2004	1396	52.967	0.0455	91	512	2	4.81	1.91	7.73	5.66	3.21	8.16	356	88	41
2004	1421	51.9258	-4.7158	35.25	10.92	4	5.37	2.6	8.09	4.95	1.98	7.79	369	95	45
2004	1422	51.9912	-4.3756	45	199	3	4.8	1.93	7.61	4.47	1.36	7.52	370	95	46
2004	1423	52.0555	-4.0343	42	18	2	3.79	1.15	6.58	3.44	0.43	6.42	370	95	46
2004	1424	52.119	-3.6921	50	578	2	3.88	1.21	6.62	3.55	0.51	6.58	371	96	46
2004	1425	52.1815	-3.3489	74	NA	1	4.2	1.49	6.96	3.94	0.7	7.23	371	96	46
2004	1427	52.3036	-2.6598	75.2	2.7	5	4.48	1.85	7.29	4.51	1.66	7.44	372	96	46
2004	1428	52.3632	-2.3139	81.57	127.95	7	5.18	2.15	8.17	5.44	2.25	8.61	373	97	47
2004	1429	52.4219	-1.9671	71.21	155.18	19	5.02	2.32	7.72	5.28	2.49	8.02	373	97	47
2004	1430	52.4796	-1.6193	79.13	58.7	8	5	2.13	7.89	5.34	2.5	8.2	374	97	47
2004	1431	52.5363	-1.2707	79.2	50.84	10	4.63	1.52	7.68	5.16	2.17	8.12	374	97	47
2004	1432	52.5921	-0.9212	74	148	7	4.18	0.99	7.32	4.77	1.81	7.74	375	98	47
2004	1433	52.6468	-0.5709	75	NA	1	4.88	1.83	7.89	5.5	2.73	8.3	375	98	47
2004	1434	52.7006	-0.2196	78	19	3	4.76	1.68	7.84	5.49	2.73	8.28	376	98	48
2004	1436	52.8051	0.4853	63	8	2	4.73	1.83	7.68	5.66	3.15	8.13	377	99	48
2004	1437	52.8559	0.839	80.67	12.33	3	4.7	2.07	7.33	5.56	3.34	7.79	377	99	48
2004	1438	52.9056	1.1934	78.8	53.2	5	4.93	2.43	7.3	5.74	3.85	7.69	378	99	48
2004	1460	51.7159	-4.6095	58.5	935	4	6.02	2.99	8.88	5.54	2.49	8.47	369	95	45
2004	1461	51.7809	-4.2706	60	NA	1	5.54	2.3	8.74	5.36	1.9	8.59	370	95	46
2004	1462	51.845	-3.9307	48.33	310.33	3	4.97	2.09	7.77	4.69	1.55	7.77	370	95	46
2004	1464	51.9704	-3.2481	48.33	290.33	3	5.45	2.39	8.31	5.1	1.72	8.41	371	96	46
2004	1466	52.092	-2.5618	58	949	3	5.22	2.47	8.01	5.3	2.43	8.18	372	96	46
2004	1467	52.1513	-2.2173	73.8	52.2	5	5.57	2.56	8.6	5.79	2.64	8.94	373	97	47
2004	1468	52.2097	-1.872	73.5	115	4	5.09	1.94	8.17	5.27	2.21	8.36	373	97	47
2004	1469	52.2672	-1.5257	77.11	26.36	9	5.06	1.81	8.21	5.33	2.27	8.34	374	97	47
2004	1470	52.3236	-1.1786	81.33	212.33	3	4.76	1.74	7.75	5.06	2.17	7.99	374	97	47
2004	1471	52.3791	-0.8306	79.8	32.7	5	4.68	1.55	7.85	5.13	2.22	8.12	375	98	47
2004	1472	52.4336	-0.4817	80	16	3	5.01	1.93	8.07	5.56	2.69	8.45	375	98	47
2004	1473	52.4871	-0.132	72	25	3	5.05	1.97	8.16	5.62	2.78	8.51	376	98	48
2004	1474	52.5396	0.2185	73.5	112.5	2	4.88	2	7.99	5.61	3.06	8.37	376	98	48
2004	1475	52.5912	0.5698	74.75	338.25	4	4.67	1.69	7.67	5.58	3.01	8.13	377	99	48
2004	1476	52.6417	0.9219	78.25	6.92	4	4.56	1.84	7.35	5.44	3.08	7.8	377	99	48
2004	1477	52.6912	1.2748	78.79	71.06	19	4.68	1.99	7.47	5.66	3.36	7.98	378	99	48
2004	1478	52.7397	1.6285	77	31	3	4.98	2.55	7.46	5.98	4.02	7.92	378	99	48
2004	1500	51.5706	-4.1665	36.8	48.7	5	6.24	3.69	8.82	5.85	2.98	8.67	390	95	46

2004	1502	51.6973	-3.4886	67	NA	1	4.93	2.12	7.77	4.75	1.7	7.72	391	96	46
2004	1503	51.7592	-3.1482	45	NA	1	4.19	1.73	6.84	3.92	1.22	6.67	391	96	46
2004	1504	51.8202	-2.8069	59.2	321.2	5	5.68	2.94	8.33	5.51	2.69	8.42	392	96	46
2004	1505	51.8803	-2.4648	62.8	153.2	5	5.52	2.74	8.35	5.46	2.59	8.39	392	96	46
2004	1506	51.9393	-2.1217	72.3	43.34	10	5.62	2.7	8.55	5.64	2.73	8.54	393	97	47
2004	1507	51.9975	-1.7778	77	NA	1	5.58	2.43	8.67	5.72	2.5	8.86	393	97	47
2004	1508	52.0546	-1.433	71.5	13.5	6	4.9	1.86	7.9	5.08	2.15	8.04	394	97	47
2004	1509	52.1108	-1.0873	74.5	12.5	2	4.7	1.56	7.85	4.89	1.95	7.85	394	97	47
2004	1510	52.1661	-0.7408	78	NA	1	4.78	1.8	7.76	5.29	2.5	8.13	395	98	47
2004	1511	52.2203	-0.3934	78.33	37.33	3	5.01	1.92	8.09	5.47	2.6	8.4	395	98	47
2004	1512	52.2736	-0.0453	77.33	24.67	6	5.27	2.34	8.18	5.77	3.14	8.39	396	98	48
2004	1513	52.3259	0.3037	78.67	90.33	3	5.01	2.09	7.93	5.64	3.09	8.19	396	98	48
2004	1514	52.3771	0.6535	81	NA	1	4.95	1.96	8.05	5.72	3.11	8.44	397	99	48
2004	1515	52.4274	1.0041	79.13	110.7	8	4.56	1.68	7.35	5.21	2.44	7.7	397	99	48
2004	1516	52.4767	1.3555	79.25	26.92	4	4.58	1.93	7.44	5.57	3.19	8	398	99	48
2004	1517	52.525	1.7076	80	18	2	4.96	2.47	7.46	5.92	3.98	7.88	398	99	48
2004	1541	51.4863	-3.3882	41	236.29	8	5.88	2.97	8.78	5.69	2.67	8.75	391	96	46
2004	1542	51.548	-3.0492	37.29	11.9	7	5.77	2.79	8.76	5.69	2.63	8.81	391	96	46
2004	1543	51.6087	-2.7094	66	NA	1	5.59	2.88	8.39	5.44	2.67	8.35	392	96	46
2004	1544	51.6685	-2.3686	53.43	181.62	7	5.55	2.75	8.41	5.59	2.68	8.53	392	96	46
2004	1545	51.7273	-2.027	63.8	456.2	5	5.2	2.16	8.17	5.24	2.32	8.21	393	97	47
2004	1546	51.7851	-1.6845	76.5	131.67	4	5.08	2.14	8.02	5.15	2.34	8.02	393	97	47
2004	1547	51.842	-1.3411	77.57	66.62	7	5.31	2.33	8.3	5.43	2.6	8.31	394	97	47
2004	1548	51.898	-0.9969	61	722	2	4.97	1.95	8	5.21	2.39	8.06	394	97	47
2004	1549	51.953	-0.6519	76.6	196.3	5	4.99	2.03	7.97	5.25	2.58	7.82	395	98	47
2004	1550	52.007	-0.306	81.2	31.7	5	5.04	2.05	8.04	5.37	2.72	7.96	395	98	47
2004	1551	52.06	0.0407	78.67	16.33	3	5.12	2.13	8.07	5.54	2.88	8.19	396	98	48
2004	1552	52.112	0.3882	77	74	4	4.74	1.75	7.75	5.17	2.44	7.86	396	98	48
2004	1553	52.1631	0.7364	82.5	37.67	4	4.7	1.81	7.6	5.37	2.85	7.87	397	99	48
2004	1554	52.2131	1.0855	73.5	72.33	4	4.68	1.79	7.6	5.41	2.76	8	397	99	48
2004	1555	52.2622	1.4353	85	NA	1	5.32	2.69	7.96	5.99	3.6	8.34	398	99	48
2004	1577	51.0855	-4.2962	33	19	3	6.56	3.84	9.19	6.04	3.23	8.88	409	105	45
2004	1578	51.1497	-3.9613	36	372.67	4	5.45	2.67	8.32	5.08	2.11	8.03	410	105	46
2004	1579	51.2129	-3.6255	54	1075	3	6.64	4.27	9.07	6.42	3.83	9.05	410	105	46
2004	1581	51.3366	-2.9512	49.5	244.58	14	6.18	3.3	9.24	6.07	3.12	9.08	411	106	46
2004	1582	51.3971	-2.6127	50.38	204.78	16	5.95	3.18	8.83	5.81	3.05	8.57	412	106	46
2004	1583	51.4566	-2.2733	54	256.5	5	5.37	2.48	8.26	5.29	2.4	8.17	412	106	46
2004	1584	51.5151	-1.9331	74.14	78.48	7	5.35	2.38	8.24	5.29	2.35	8.26	413	107	47
2004	1585	51.5727	-1.592	76.5	264.5	2	5.5	2.37	8.57	5.52	2.51	8.55	413	107	47
2004	1586	51.6294	-1.2501	77.7	72.23	10	5.44	2.27	8.62	5.47	2.36	8.61	414	107	47
2004	1587	51.6851	-0.9074	74.8	62.84	10	4.94	2.18	7.7	5.03	2.49	7.62	414	107	47
2004	1588	51.7398	-0.5638	71.88	96.12	16	4.85	1.94	7.76	5.11	2.52	7.64	415	108	47
2004	1589	51.7935	-0.2194	78.92	70.08	12	5.02	2.06	7.97	5.37	2.78	7.92	415	108	47
2004	1590	51.8463	0.1258	77.6	5.3	5	4.8	1.88	7.73	5.33	2.78	7.81	416	108	48
2004	1591	51.8981	0.4718	84	64.67	4	4.83	1.94	7.71	5.28	2.81	7.77	416	108	48
2004	1592	51.9489	0.8185	81.64	31.85	11	4.9	1.91	7.92	5.53	2.92	8.1	417	109	48
2004	1593	51.9988	1.1661	74.29	52.24	7	4.94	2.07	7.81	5.71	3.23	8.17	417	109	48
2004	1594	52.0476	1.5143	88	252	3	5.26	2.66	7.84	5.95	3.72	8.14	418	109	48
2004	1615	50.8104	-4.5264	37.67	704.33	3	6.33	3.74	8.97	5.31	2.48	8.29	409	105	45
2004	1616	50.8752	-4.1937	23.75	247.58	4	6.22	3.32	9.15	5.52	2.36	8.76	409	105	45
2004	1617	50.9391	-3.8601	43.2	426.7	5	5.58	2.91	8.28	4.96	2.11	7.89	410	105	46
2004	1618	51.002	-3.5257	54.2	302.7	5	5.33	2.59	8.14	4.92	2.1	7.82	410	105	46
2004	1619	51.0641	-3.1903	37.5	246	8	6.11	3.2	9.06	5.71	2.9	8.58	411	106	46
2004	1620	51.1252	-2.854	59.33	367.87	6	6.35	3.4	9.42	6.14	3.19	9.14	411	106	46
2004	1621	51.1854	-2.5169	61.8	255.2	5	5.57	2.66	8.5	5.42	2.52	8.32	412	106	46
2004	1622	51.2446	-2.179	65.5	243.71	8	5.44	2.37	8.49	5.44	2.35	8.47	412	106	46
2004	1623	51.3029	-1.8401	69	311.33	4	4.83	1.81	7.84	4.75	1.8	7.72	413	107	47
2004	1624	51.3603	-1.5005	73.33	32.33	3	5.01	1.98	8.03	5.04	2.08	7.98	413	107	47
2004	1625	51.4167	-1.16	71.5	230.3	6	5.41	2.32	8.5	5.51	2.57	8.45	414	107	47
2004	1626	51.4721	-0.8186	73.36	89.05	11	5.47	2.44	8.5	5.66	2.88	8.49	414	107	47
2004	1627	51.5266	-0.4765	71.63	111.7	8	5.58	2.55	8.56	5.92	3.23	8.6	415	108	47
2004	1628	51.5801	-0.1336	67.29	101.91	14	5.81	2.93	8.62	6.14	3.55	8.64	415	108	47
2004	1629	51.6326	0.2101	79.5	16.33	4	5.23	2.3	8.16	5.61	3.02	8.17	416	108	48
2004	1630	51.6842	0.5546	71.1	129.88	10	5.3	2.38	8.25	5.72	3.17	8.23	416	108	48
2004	1631	51.7348	0.8999	86.33	254.33	3	5.23	2.45	8.03	5.78	3.42	8.12	417	109	48

2004	1632	51.7844	1.2459	81.33	60.33	3	4.95	2.41	7.58	5.72	3.62	7.79	417	109	48
2004	1652	50.4684	-5.0835	31	NA	1	8.01	5.7	10.31	6.77	4.18	9.49	428	104	52
2004	1653	50.5348	-4.754	36.5	1860.5	2	7.23	4.77	9.78	6.43	3.44	9.46	428	104	52
2004	1654	50.6002	-4.4235	31.6	30.8	5	6.26	3.41	9.16	5.14	1.94	8.43	429	105	52
2004	1655	50.6648	-4.0921	25.67	74.33	3	5.76	3.16	8.33	4.99	2.13	7.86	429	105	52
2004	1656	50.7284	-3.7598	35.5	37.9	6	5.88	3.13	8.61	5.22	2.22	8.22	430	105	53
2004	1657	50.7911	-3.4267	40.8	238.62	10	6.04	3.12	9	5.49	2.46	8.57	430	105	53
2004	1658	50.8529	-3.0927	38.75	10.92	4	5.74	3.02	8.55	5.25	2.52	8.13	431	106	53
2004	1659	50.9137	-2.7578	49.88	210.98	8	5.93	2.78	9.08	5.57	2.41	8.77	431	106	53
2004	1660	50.9736	-2.422	63.67	177.33	3	5.57	2.43	8.7	5.33	2.22	8.49	432	106	53
2004	1661	51.0326	-2.0854	53	401.5	5	5.26	2.23	8.32	5.05	2.08	8.06	432	106	53
2004	1662	51.0906	-1.748	39	28.67	4	5.16	2.09	8.26	5.19	2.18	8.21	433	107	54
2004	1663	51.1477	-1.4097	45.33	110.33	3	5.5	2.32	8.66	5.64	2.61	8.68	433	107	54
2004	1664	51.2039	-1.0707	64.22	261.69	9	5.15	2.09	8.17	5.2	2.28	8.1	434	107	54
2004	1665	51.259	-0.7308	72.29	407.14	14	5.46	2.31	8.58	5.59	2.6	8.56	434	107	54
2004	1666	51.3133	-0.3901	71.07	63.92	15	5.75	2.77	8.68	5.9	3.12	8.66	435	108	54
2004	1667	51.3665	-0.0486	69.21	153.04	24	5.89	3.13	8.66	6.07	3.5	8.61	435	108	54
2004	1668	51.4188	0.2937	68.3	85.12	10	5.64	2.78	8.52	5.86	3.28	8.41	436	108	55
2004	1669	51.4702	0.6367	79.89	132.11	9	5.82	3.13	8.47	5.96	3.62	8.29	436	108	55
2004	1689	50.124	-5.6328	58	NA	1	8.12	5.97	10.22	6.77	4.41	9.01	427	104	52
2004	1690	50.1918	-5.3064	36.33	105.33	3	7.54	5.24	9.89	6.31	3.67	9.01	427	104	52
2004	1691	50.2588	-4.979	11	NA	1	7.19	4.35	10.19	6.15	2.88	9.55	428	104	52
2004	1692	50.3249	-4.6507	35	NA	1	6.7	4.11	9.32	5.66	2.72	8.62	428	104	52
2004	1693	50.39	-4.3215	51.33	2506.33	3	6.48	3.57	9.45	5.66	2.41	8.98	429	105	52
2004	1694	50.4543	-3.9914	34	77	7	5.72	3.05	8.44	4.88	1.95	7.92	429	105	52
2004	1695	50.5176	-3.6605	40.5	299.35	14	7.14	4.44	9.82	6.33	3.52	9.23	430	105	53
2004	1696	50.58	-3.3286	43	31	3	6.48	3.89	9.15	5.81	3.09	8.58	430	105	53
2004	1697	50.6415	-2.9959	60	392	2	5.67	2.9	8.74	5.07	2.35	7.93	431	106	53
2004	1698	50.7021	-2.6624	39.5	55.1	6	5.98	3.16	9.11	5.5	2.63	8.42	431	106	53
2004	1699	50.7618	-2.328	42.6	187.3	5	5.69	2.5	8.85	5.31	2.18	8.5	432	106	53
2004	1700	50.8205	-1.9928	48.38	357.32	16	5.97	2.84	9.11	5.74	2.63	8.86	432	106	53
2004	1701	50.8783	-1.6567	43.17	350.17	6	5.74	2.6	8.92	5.66	2.54	8.83	433	107	54
2004	1702	50.9351	-1.3198	55.06	264.31	17	5.99	2.91	9.09	6	2.97	9.02	433	107	54
2004	1703	50.991	-0.9822	48.75	276.25	4	5.29	2.11	8.51	5.35	2.19	8.47	434	107	54
2004	1704	51.0459	-0.6437	71.5	40.5	2	4.96	1.84	8.12	4.73	1.7	8.07	434	107	54
2004	1705	51.0999	-0.3044	69	186.29	8	5.35	2.19	8.51	5.42	2.39	8.46	435	108	54
2004	1706	51.1529	0.0356	65.83	232.57	6	5.06	1.92	8.22	5.17	2.21	7.99	435	108	54
2004	1707	51.205	0.3764	70.5	282.93	16	5.26	2.12	8.4	5.48	2.7	8.21	436	108	55
2004	1708	51.2561	0.718	77.5	44.7	6	5.55	2.79	8.3	5.66	3.21	8.09	436	108	55
2004	1709	51.3062	1.0603	64.5	260.5	10	5.64	2.96	8.3	5.78	3.51	8.07	437	109	55
2004	1710	51.3554	1.4033	76	NA	1	5.73	3.39	8.08	5.87	4.01	7.73	437	109	55
2004	1729	49.9824	-5.2015	11	NA	1	7.46	5.23	9.91	6.11	3.45	8.82	447	114	52
2004	1733	50.2437	-3.8916	36.5	264.5	2	6.54	3.8	9.37	5.73	2.72	8.91	449	115	52
2004	1734	50.3068	-3.5619	32	39.5	5	7.4	4.89	10	6.64	3.87	9.51	450	115	53
2004	1737	50.4905	-2.5679	36.5	4.5	2	7	4.47	9.58	6.36	3.66	9.08	451	116	53
2004	1739	50.6083	-1.9009	57	1058	2	6.61	4.03	9.23	6.04	3.57	8.51	452	116	53
2004	1741	50.7224	-1.2308	47.5	206.7	6	6.57	3.97	9.21	6.34	3.66	9.05	453	117	54
2004	1742	50.7781	-0.8945	56.5	187.67	4	6.37	3.72	9.04	6.18	3.45	8.93	454	117	54
2004	1743	50.8328	-0.5574	59	481	9	5.84	2.95	8.74	5.6	2.72	8.45	454	117	54
2004	1744	50.8865	-0.2196	54.46	273.6	13	5.52	2.78	8.39	5.28	2.54	8.06	455	118	54
2004	1745	50.9393	0.119	70.5	301.43	8	5.73	2.67	8.72	5.64	2.63	8.67	455	118	54
2004	1746	50.9911	0.4584	76	NA	1	5.15	2.16	8.14	5.25	2.37	8.03	456	118	55
2004	1747	51.042	0.7985	84.67	532.33	3	5.61	2.79	8.49	5.6	3.08	8.14	456	118	55
2004	1748	51.0919	1.1393	66.67	212.33	3	4.94	2.37	7.57	4.89	2.73	7.15	457	119	55
2004	1749	51.1408	1.4809	49	NA	1	6.06	3.61	8.53	6.07	3.81	8.32	457	119	55
2004	1784	50.7256	0.2017	46.33	2.33	3	6.29	3.58	8.99	5.99	3.17	8.78	455	118	54
2004	1785	50.7772	0.5396	62.29	167.24	7	5.78	3.44	8.21	5.42	3.08	7.73	456	118	55
2004	304	58.9182	-2.8039	75	NA	1	4.22	2.15	6.3	4.63	2.09	7.17	76	18	13
2004	340	58.5213	-3.884	71	NA	1	3.99	1.22	6.78	3.96	0.44	7.41	95	28	12
2004	342	58.6461	-3.0865	84	NA	1	3.35	0.87	6.01	3.57	0.17	6.99	96	28	13
2004	410	57.5635	-6.746	44	NA	1	6.08	4.01	8.02	5.34	2.76	8.11	111	26	11
2004	413	57.7728	-5.5917	82.5	24.5	2	4.87	2.81	7.04	4.37	1.68	7.09	112	26	11
2004	416	57.9725	-4.4249	67.5	40.5	2	2.82	-0.09	5.6	2.65	-1.37	6.57	114	27	12
2004	449	57.3556	-6.6121	52	162	2	4.58	2.22	6.99	3.97	0.97	7.31	111	26	11
2004	451	57.4955	-5.8474	87	NA	1	5.18	3.32	7.07	4.61	1.95	7.27	112	26	11

2004	452	57.5638	-5.463	85	NA	1	3.78	1.19	6.37	3.19	-0.47	6.93	112	26	11
2004	489	57.2177	-6.0998	55	NA	1	5.1	2.26	7.49	4.53	1.44	7.24	131	36	18
2004	490	57.2867	-5.7184	73	NA	1	2.8	0.84	4.81	1.98	-0.81	4.76	132	36	18
2004	492	57.4217	-4.9517	69.5	24.5	2	2.01	-0.52	4.51	1.43	-2.16	5.01	133	37	19
2004	493	57.4876	-4.5663	74	NA	1	3.56	0.4	6.73	3.68	-0.41	7.7	133	37	19
2004	494	57.5524	-4.1796	80	NA	1	4.48	1.83	7.09	4.12	0.5	7.55	134	37	19
2004	497	57.7406	-3.0119	76.33	112.33	3	4.12	1.75	6.5	4.14	1.17	7.12	135	38	19
2004	531	57.2121	-4.8276	78	NA	1	3.13	0.78	5.45	2.54	-0.84	5.91	133	37	19
2004	534	57.4057	-3.6729	82	NA	1	3.62	0.95	6.22	3.52	0.09	6.91	134	37	19
2004	535	57.4681	-3.2855	90	NA	1	2.18	-0.33	4.69	2.03	-1.43	5.45	135	38	19
2004	536	57.5294	-2.8968	72	NA	1	2.49	-0.09	5.19	2.57	-0.76	5.9	135	38	19
2004	537	57.5896	-2.5069	91.5	24.5	2	3.73	1.2	6.29	4.01	0.89	7.19	136	38	20
2004	538	57.6487	-2.1157	76	NA	1	3.07	0.86	5.42	3.29	0.47	6.13	136	38	20
2004	573	57.195	-3.5556	77	NA	1	1.73	-1.01	4.58	1.56	-2.18	5.31	154	37	19
2004	575	57.3181	-2.783	86	NA	1	2.47	-0.14	5.11	2.49	-0.75	5.9	155	38	19
2004	576	57.378	-2.395	78.5	619.67	4	3.31	0.7	5.96	3.73	0.51	7.04	156	38	20
2004	613	57.046	-3.0557	73	NA	1	2.92	-0.09	6	3.06	-0.78	6.92	155	38	19
2004	614	57.1067	-2.6706	78	NA	1	3.39	0.54	6.28	3.84	0.25	7.41	155	38	19
2004	615	57.1663	-2.2844	72	475	3	3.74	1.21	6.27	4.07	1.01	7.14	156	38	20
2004	644	56.3141	-5.9649	82	NA	1	4.12	1.55	7.04	3.66	0.17	7.28	171	46	18
2004	649	56.6474	-4.0853	60	NA	1	3.53	1.13	5.89	3.28	0.04	6.49	173	47	19
2004	654	56.9544	-2.175	66	NA	1	4.06	1.93	6.34	4.59	2	7.29	176	48	20
2004	684	56.1738	-5.4679	47	NA	1	4.96	2.35	7.65	4.57	1.06	8.13	171	46	18
2004	685	56.2411	-5.0949	81	NA	1	2.34	0.27	4.59	1.98	-1.08	5.16	172	46	18
2004	687	56.3728	-4.3451	74	NA	1	3.73	0.79	6.39	3.43	-0.22	6.91	173	47	19
2004	689	56.5002	-3.5904	86	NA	1	3.8	0.62	6.92	3.88	-0.08	7.94	174	47	19
2004	690	56.5624	-3.2113	88	NA	1	2.35	-0.4	5.19	2.55	-0.96	6.18	174	47	19
2004	692	56.6836	-2.4495	90	NA	1	4.22	1.78	6.62	4.69	1.72	7.69	175	48	19
2004	722	55.8966	-5.7158	45	NA	1	5.36	2.71	8.03	4.83	1.06	8.54	191	46	25
2004	723	55.9647	-5.3457	51.5	760.5	2	4.41	1.91	6.96	3.99	0.7	7.34	191	46	25
2004	724	56.0317	-4.9743	45	NA	1	5.2	2.61	7.74	5.04	1.54	8.43	192	46	25
2004	725	56.0977	-4.6016	46	NA	1	4.85	2.57	7.13	4.71	1.53	7.84	192	46	25
2004	726	56.1626	-4.2278	56	128	2	3.3	0.69	6.01	3.38	-0.19	7.07	193	47	26
2004	727	56.2266	-3.8527	81	NA	1	2.53	0	5.23	2.47	-0.89	5.9	193	47	26
2004	729	56.3513	-3.0991	77.8	188.7	5	4	1.27	6.72	4.44	0.88	8.03	194	47	26
2004	730	56.4121	-2.7205	79.5	29.67	4	4.61	2.08	6.98	5	1.71	8.22	195	48	26
2004	763	55.8221	-4.8549	53	NA	1	5.74	3.29	8.23	5.43	2.2	8.7	192	46	25
2004	764	55.8877	-4.4839	70.5	62.33	4	4.8	2.14	7.5	4.7	1.13	8.26	192	46	25
2004	765	55.9524	-4.1117	76	2	2	4.07	1.47	6.74	4.06	0.52	7.62	193	47	26
2004	766	56.016	-3.7384	83.67	85.33	3	4.4	1.87	6.93	4.27	0.87	7.61	193	47	26
2004	767	56.0786	-3.3638	68	98	2	3.9	1.32	6.61	3.93	0.56	7.43	194	47	26
2004	803	55.6777	-4.3675	82	128	2	4.6	1.85	7.36	4.42	0.79	7.96	212	56	25
2004	805	55.8053	-3.6253	80.5	0.5	2	3.49	0.95	6.03	3.24	-0.18	6.71	213	57	26
2004	806	55.8676	-3.2524	84.2	49.2	5	4.52	1.99	7.05	4.39	1.07	7.79	214	57	26
2004	845	55.6565	-3.1422	81.6	60.3	5	3.66	0.99	6.35	3.52	0.13	6.93	214	57	26
2004	847	55.7773	-2.3964	76	NA	1	4.03	1.9	6.21	4.04	1.73	6.4	215	58	26
2004	879	55.1269	-4.8695	44	NA	1	5.13	2.99	7.31	4.59	1.52	7.68	231	56	25
2004	883	55.3837	-3.4026	91	NA	1	3.31	0.8	5.96	3.19	-0.15	6.6	233	57	26
2004	885	55.506	-2.6624	68	NA	1	3.81	1.11	6.47	3.89	0.55	7.15	234	57	26
2004	886	55.5656	-2.2907	82.33	65.33	3	4.44	1.6	7.22	4.71	1.44	7.9	235	58	26
2004	924	55.2944	-2.5562	90	NA	1	3.15	0.37	5.89	3.02	-0.38	6.46	234	57	26
2004	926	55.412	-1.815	78	229	3	4.53	1.87	7.19	4.87	2.01	7.73	235	58	26
2004	957	54.7073	-4.6389	41	NA	1	5.12	2.44	7.76	4.68	1.13	8.21	251	66	32
2004	958	54.7724	-4.277	65	NA	1	4.67	2.18	7.26	4.22	0.77	7.58	252	66	32
2004	959	54.8365	-3.914	31	NA	1	4.54	2.02	7.09	4.23	0.87	7.5	252	66	32
2004	961	54.9617	-3.1847	78.33	97.33	3	4.61	1.85	7.42	4.54	1.07	8.12	253	67	33
2004	962	55.0227	-2.8184	76	103	3	4.32	1.64	6.97	4.28	0.91	7.63	254	67	33
2004	963	55.0828	-2.4511	76	NA	1	3.48	0.97	5.92	3.44	0.46	6.43	254	67	33
2004	964	55.1418	-2.0827	78	NA	1	4.13	1.31	7.12	4.38	1.03	7.79	255	68	33
2004	965	55.1998	-1.7133	68.67	6.33	3	4.96	2.65	7.23	5.27	2.69	7.81	255	68	33
2004	999	54.6887	-3.4411	48	NA	1	4.5	1.99	6.9	4.27	0.95	7.51	253	67	33
2005	1000	54.7505	-3.0775	70.5	79.3	26	5.55	2.71	8.25	4.22	1.43	6.91	253	67	33
2005	1001	54.8113	-2.7128	73.78	40.09	23	5.37	2.56	8.14	4.06	1.34	6.71	254	67	33
2005	1002	54.871	-2.3471	75.5	71.71	8	4.16	1.34	6.85	2.69	0.1	5.12	254	67	33
2005	1003	54.9297	-1.9803	72.95	69.33	62	5.21	2.38	8.03	3.7	0.99	6.39	255	68	33

2005	1004	54.9874	-1.6126	72.78	76.86	202	5.92	3.08	8.67	4.58	2.05	7.04	255	68	33
2005	1037	54.4153	-3.6943	51.8	129.7	5	5.85	3.5	8.26	4.84	2.4	7.3	272	66	32
2005	1038	54.4778	-3.3333	65.75	94.83	20	5.07	2.61	7.49	3.8	1.25	6.31	273	67	33
2005	1039	54.5392	-2.9713	69.39	159.79	23	3.59	1.62	5.74	1.95	0.09	3.84	273	67	33
2005	1040	54.5997	-2.6083	77.31	70.62	26	4.7	2.03	7.44	3.26	0.58	5.89	274	67	33
2005	1041	54.6592	-2.2442	82.5	544.5	2	3.01	0.67	5.33	1.27	-0.8	3.26	274	67	33
2005	1042	54.7176	-1.879	75.74	29.54	19	4.81	2.07	7.49	3.33	0.76	5.88	275	68	33
2005	1043	54.775	-1.5129	73.42	80.17	102	5.63	2.66	8.63	4.32	1.55	7.13	275	68	33
2005	1044	54.8314	-1.1458	76	NA	1	6.21	3.52	8.96	4.95	2.5	7.4	276	68	34
2005	1074	54.0772	-4.3018	53.27	227.77	33	7.77	5.87	9.61	6.18	4.3	8.04	271	66	32
2005	1077	54.2667	-3.2267	63.17	179.28	24	5.74	3.14	8.35	4.4	1.51	7.28	273	67	33
2005	1078	54.3279	-2.8663	69.08	234.91	49	5.17	2.52	7.91	3.77	1.03	6.52	273	67	33
2005	1079	54.3881	-2.5048	73.75	286.21	8	4.41	1.91	6.88	2.81	0.37	5.23	274	67	33
2005	1080	54.4473	-2.1423	78.6	9.3	5	4.76	1.96	7.4	3.09	0.58	5.59	274	67	33
2005	1081	54.5054	-1.7788	76.03	33.41	30	5.3	2.23	8.33	3.81	0.87	6.65	275	68	33
2005	1082	54.5625	-1.4143	74.26	39.49	135	5.65	2.61	8.77	4.38	1.5	7.32	275	68	33
2005	1083	54.6187	-1.0488	72.46	55.35	63	6.06	3.23	8.99	4.74	2.1	7.34	276	68	34
2005	1116	54.0556	-3.1212	64.69	252.23	13	5.92	3.61	8.22	4.56	1.85	7.25	293	77	33
2005	1117	54.1165	-2.7623	68.16	132.97	109	6.18	3.75	8.54	4.7	2.12	7.23	293	77	33
2005	1118	54.1764	-2.4024	74.6	114.27	10	4.29	1.98	6.56	2.65	0.4	4.88	294	77	33
2005	1119	54.2352	-2.0415	78.8	15.7	5	4.25	1.61	6.81	2.56	0.18	4.92	294	77	33
2005	1120	54.2931	-1.6796	74.33	92.78	30	5.44	2.49	8.41	3.98	1.1	6.85	295	78	33
2005	1121	54.35	-1.3167	76.55	35.92	31	5.5	2.67	8.39	4.06	1.33	6.87	295	78	33
2005	1122	54.4058	-0.9529	79.64	41.45	11	4.59	1.75	7.53	3.2	0.55	5.89	296	78	34
2005	1123	54.4607	-0.5881	69.25	38.92	4	5.68	2.83	8.58	4.32	1.77	6.91	296	78	34
2005	114	60.2697	-1.3313	63	32	2	4.54	2.56	6.59	3.8	2.03	5.54	39	10	7
2005	1155	53.8443	-3.0167	70.3	101.66	125	6.48	4.01	8.91	4.99	2.34	7.61	293	77	33
2005	1156	53.9049	-2.6594	68.19	99.93	54	5.74	3.24	8.28	4.2	1.62	6.8	293	77	33
2005	1157	53.9645	-2.3011	73.82	66.45	28	5.12	2.48	7.72	3.52	1.03	6.04	294	77	33
2005	1158	54.0232	-1.9417	72	87.52	34	4.74	2.13	7.35	3.11	0.71	5.52	294	77	33
2005	1159	54.0808	-1.5814	69.34	162.54	91	5.51	2.52	8.53	4	1.21	6.77	295	78	33
2005	1160	54.1373	-1.2202	72.44	23.91	18	5.44	2.41	8.57	4.04	1.23	7.07	295	78	33
2005	1161	54.1929	-0.858	78.39	28.42	36	4.97	1.92	8.15	3.79	0.97	6.73	296	78	34
2005	1162	54.2475	-0.4948	78.52	94.09	25	5.82	3.03	8.6	4.58	2.25	6.94	296	78	34
2005	1189	53.3167	-4.6773	16	200	2	7.57	5.55	9.57	5.5	3.06	7.9	310	75	39
2005	1190	53.3819	-4.3265	48.5	272.57	8	7.14	5.01	9.26	5.24	2.84	7.59	311	76	39
2005	1193	53.5717	-3.2681	72.33	40.67	15	6.73	4.41	9.07	4.97	2.44	7.56	312	76	39
2005	1194	53.633	-2.9133	70.06	81.29	169	6.39	3.86	8.88	4.79	2.14	7.43	313	77	40
2005	1195	53.6933	-2.5575	70.3	117.72	271	5.72	3.26	8.18	4.15	1.69	6.53	313	77	40
2005	1196	53.7527	-2.2007	73.35	82.06	130	5.02	2.54	7.44	3.28	1	5.58	314	77	40
2005	1197	53.811	-1.843	73.26	110.81	305	5.45	2.73	8.15	3.83	1.39	6.28	314	77	40
2005	1198	53.8683	-1.4842	72.23	107.78	226	5.57	2.72	8.54	4.06	1.49	6.72	315	78	40
2005	1199	53.9246	-1.1246	74.59	74.31	122	5.86	2.85	8.94	4.44	1.76	7.21	315	78	40
2005	1200	53.9799	-0.764	76	85.79	20	5.25	2.26	8.37	3.95	1.22	6.77	316	78	41
2005	1201	54.0342	-0.4025	74.93	39.07	27	5.28	2.18	8.47	4.25	1.45	7.09	316	78	41
2005	1202	54.0875	-0.04	78.91	76.49	11	6.09	3.48	8.69	5.04	2.89	7.14	317	79	41
2005	1229	53.1717	-4.2182	47.16	246.51	44	7.01	4.85	9.37	5.06	2.55	7.42	311	76	39
2005	1230	53.2356	-3.8679	62.19	138.66	21	6.89	4.63	9.16	4.76	2.26	7.16	311	76	39
2005	1231	53.2986	-3.5166	59.43	239.8	14	6.79	4.44	9.16	4.89	2.43	7.35	312	76	39
2005	1232	53.3606	-3.1643	65.94	155.37	202	6.91	4.6	9.22	5.07	2.72	7.39	312	76	39
2005	1233	53.4216	-2.8109	71.22	91.5	239	6.51	3.99	9.05	4.84	2.23	7.37	313	77	40
2005	1234	53.4816	-2.4567	70.87	95.49	347	6.26	3.6	9.01	4.73	2.14	7.37	313	77	40
2005	1235	53.5407	-2.1014	71.2	133.58	231	5.4	2.87	8.04	3.79	1.45	6.23	314	77	40
2005	1236	53.5987	-1.7452	74.64	78.04	175	5.67	2.91	8.43	4.06	1.54	6.61	314	77	40
2005	1237	53.6558	-1.3881	74.4	51.05	130	5.99	3.12	8.9	4.44	1.88	7.06	315	78	40
2005	1238	53.7118	-1.03	75.81	50.88	37	5.86	2.78	9.02	4.47	1.62	7.34	315	78	40
2005	1239	53.7669	-0.671	74.7	28.16	33	5.72	2.8	8.71	4.38	1.64	7.14	316	78	41
2005	1240	53.8209	-0.3111	74.55	114.56	131	5.96	2.99	9.02	4.79	1.87	7.65	316	78	41
2005	1241	53.8739	0.0497	77	0	2	5.85	3.01	8.82	4.87	2.21	7.4	317	79	41
2005	1266	52.8312	-4.8056	57.2	387.2	5	7.17	5.34	9.09	5.19	2.85	7.5	330	85	39
2005	1267	52.8967	-4.4588	37	215.11	19	7.15	5.13	9.29	5.17	2.69	7.59	330	85	39
2005	1268	52.9613	-4.1109	40.17	185.61	12	6.25	4.11	8.45	4.26	1.73	6.69	331	86	39
2005	1269	53.025	-3.7621	64	510	4	5.38	3.19	7.92	3.46	0.71	6.18	331	86	39
2005	1270	53.0876	-3.4122	67.18	170.92	22	5.69	3.17	8.2	3.59	1.02	6.15	332	86	39
2005	1271	53.1494	-3.0614	66.43	155.87	128	6.5	3.66	9.33	4.62	1.85	7.41	332	86	39

2005	1272	53.2101	-2.7096	69.92	85.74	144	6.37	3.52	9.27	4.7	1.91	7.5	333	87	40
2005	1273	53.2698	-2.3568	72.82	62.58	131	6.3	3.54	9.09	4.78	2.16	7.43	333	87	40
2005	1274	53.3286	-2.0031	73.19	67.37	252	5.59	2.89	8.28	3.98	1.5	6.49	334	87	40
2005	1275	53.3864	-1.6484	73.8	81.34	201	5.66	3.08	8.25	3.99	1.63	6.31	334	87	40
2005	1276	53.4432	-1.2928	72.83	100.46	190	5.78	2.89	8.7	4.24	1.55	6.89	335	88	40
2005	1277	53.499	-0.9363	72.69	122.15	65	5.99	2.87	9.15	4.59	1.77	7.44	335	88	40
2005	1278	53.5538	-0.5789	75.35	79.94	48	5.65	2.56	8.76	4.38	1.61	7.21	336	88	41
2005	1279	53.6075	-0.2206	72.77	95.55	62	5.84	2.76	8.98	4.78	2.03	7.37	336	88	41
2005	1280	53.6603	0.1386	63.67	152.33	3	5.69	2.75	8.81	4.58	1.97	7.13	337	89	41
2005	1307	52.7509	-4.0047	44.78	329.54	23	6.15	3.9	8.46	3.93	1.3	6.54	331	86	39
2005	1308	52.8142	-3.6573	61	578	2	4.44	2.33	6.65	2.04	-0.13	4.37	331	86	39
2005	1309	52.8766	-3.3089	63.15	216.81	13	5.04	2.62	7.46	2.86	0.39	5.29	332	86	39
2005	1310	52.938	-2.9595	68.65	155.61	43	6.4	3.6	9.19	4.42	1.61	7.22	332	86	39
2005	1311	52.9985	-2.6092	73.37	118.43	52	5.99	3.11	8.85	4.22	1.46	7.06	333	87	40
2005	1312	53.058	-2.2579	72.29	92.46	181	5.48	2.62	8.29	3.82	1.23	6.42	333	87	40
2005	1313	53.1165	-1.9057	73.97	86.16	33	4.26	1.66	6.81	2.46	0.23	4.72	334	87	40
2005	1314	53.174	-1.5526	74.21	64.13	154	5.22	2.32	8.1	3.69	1.07	6.3	334	87	40
2005	1315	53.2305	-1.1985	72.74	62.23	97	5.59	2.67	8.51	4.1	1.51	6.67	335	88	40
2005	1316	53.286	-0.8436	75.71	25.27	52	5.61	2.24	8.82	4.38	1.47	7.2	335	88	40
2005	1317	53.3406	-0.4877	74.71	43.33	58	5.4	2.15	8.65	4.09	1.3	6.98	336	88	41
2005	1318	53.3941	-0.131	74.84	77.56	32	5.57	2.54	8.7	4.46	1.84	6.98	336	88	41
2005	1319	53.4466	0.2266	78.63	54.27	8	5.96	3.06	8.91	4.68	2.2	7.12	337	89	41
2005	1345	52.4763	-4.2445	43.73	448.62	11	6.96	4.42	9.51	4.61	1.56	7.69	350	85	39
2005	1346	52.5403	-3.8995	46.38	377.98	16	5.97	3.47	8.5	3.69	0.89	6.51	351	86	39
2005	1347	52.6034	-3.5535	58.58	221.17	12	5.24	2.64	7.87	3.16	0.44	5.88	351	86	39
2005	1348	52.6655	-3.2066	73.27	147.64	22	6.15	3.45	8.85	4.15	1.38	6.92	352	86	39
2005	1349	52.7267	-2.8587	66.78	229.8	87	6.3	3.44	9.18	4.28	1.41	7.17	352	86	39
2005	1350	52.7868	-2.5098	74.03	76.74	66	5.75	2.84	8.78	4	1.29	6.87	353	87	40
2005	1351	52.846	-2.16	76.52	39.35	103	5.36	2.46	8.26	3.68	1.06	6.34	353	87	40
2005	1352	52.9043	-1.8093	75.64	44.03	59	5.28	2.42	8.19	3.68	1.08	6.28	354	87	40
2005	1353	52.9615	-1.4577	74.34	73.53	287	5.68	2.61	8.75	4.22	1.51	6.93	354	87	40
2005	1354	53.0178	-1.1052	74.66	60.93	362	5.81	2.85	8.81	4.34	1.78	6.88	355	88	40
2005	1355	53.073	-0.7518	74.67	89.27	43	5.67	2.47	8.87	4.29	1.53	7.05	355	88	40
2005	1356	53.1273	-0.3975	74.77	47.87	66	5.48	2.23	8.72	4.14	1.35	6.97	356	88	41
2005	1357	53.1806	-0.0423	75.95	31.05	19	5.31	2.19	8.49	3.99	1.17	6.74	356	88	41
2005	1358	53.2328	0.3137	73	168.2	11	5.75	2.8	8.74	4.44	1.87	6.96	357	89	41
2005	1382	52.1357	-4.8232	62	751	3	6.48	4.24	8.75	4.38	1.69	7.06	349	85	38
2005	1383	52.2013	-4.4815	45.62	374.76	13	6.31	3.91	8.81	4.27	1.46	7.11	350	85	39
2005	1384	52.266	-4.1389	51.76	294.09	21	6.16	3.69	8.71	4	1.19	6.8	350	85	39
2005	1385	52.3297	-3.7953	66.43	221.03	14	5.27	2.92	7.65	2.9	0.23	5.61	351	86	39
2005	1386	52.3925	-3.4507	63.35	319.2	26	5.22	2.23	8.21	3.21	0.21	6.26	351	86	39
2005	1387	52.4543	-3.1052	66.75	329.14	20	5.56	2.65	8.37	3.48	0.7	6.34	352	86	39
2005	1388	52.5152	-2.7588	63.58	140.01	26	5.62	2.83	8.48	3.65	0.89	6.45	352	86	39
2005	1389	52.5751	-2.4114	69.75	145.64	48	5.56	2.81	8.77	3.89	1.07	6.85	353	87	40
2005	1390	52.634	-2.0631	73.77	61.59	265	5.63	2.78	8.47	3.97	1.28	6.64	353	87	40
2005	1391	52.692	-1.7139	73.4	70.75	166	5.7	2.65	8.7	4.1	1.31	6.91	354	87	40
2005	1392	52.7489	-1.3637	75.01	41.65	154	5.66	2.64	8.69	4.1	1.39	6.82	354	87	40
2005	1393	52.8049	-1.0127	74.89	63.95	107	5.55	2.39	8.72	4.03	1.23	6.85	355	88	40
2005	1394	52.86	-0.6609	75.13	99.59	54	5.48	2.31	8.63	4.06	1.25	6.83	355	88	40
2005	1395	52.914	-0.3081	76.18	39.93	28	5.56	2.32	8.8	4.23	1.37	7.1	356	88	41
2005	1396	52.967	0.0455	78.35	29.24	23	5.57	2.41	8.7	4.19	1.4	7.02	356	88	41
2005	1397	53.019	0.3999	59.33	554.33	3	5.49	2.68	8.38	4.09	1.49	6.52	357	89	41
2005	1398	53.07	0.7552	75.5	0.5	2	6.18	3.58	8.78	4.6	2.32	6.8	357	89	41
2005	1419	51.7924	-5.3935	39	NA	1	7.82	5.84	9.75	5.3	2.72	7.86	368	94	45
2005	1420	51.8596	-5.0552	33.06	383.31	17	6.97	4.19	9.53	4.71	1.47	7.89	369	95	45
2005	1421	51.9258	-4.7158	37.15	212.14	26	6.12	3.69	8.57	4.01	1.07	6.94	369	95	45
2005	1422	51.9912	-4.3756	45.74	443.78	35	5.94	3.31	8.55	3.87	0.83	6.93	370	95	46
2005	1423	52.0555	-4.0343	60	374.62	14	5.39	2.99	7.81	3.28	0.53	5.96	370	95	46
2005	1424	52.119	-3.6921	48.78	309.44	9	5.16	2.36	8	3.25	0.32	6.22	371	96	46
2005	1425	52.1815	-3.3489	66.21	148.61	24	5.18	2.45	7.97	3.16	0.31	6.1	371	96	46
2005	1426	52.243	-3.0048	63.79	208.82	38	5.66	2.71	8.58	3.8	1.05	6.6	372	96	46
2005	1427	52.3036	-2.6598	70.17	148.8	59	5.72	2.88	8.69	3.96	1.21	6.79	372	96	46
2005	1428	52.3632	-2.3139	70.98	152.26	92	6.03	2.88	9.1	4.49	1.47	7.45	373	97	47
2005	1429	52.4219	-1.9671	74.37	49.76	407	5.72	2.86	8.56	4.1	1.4	6.73	373	97	47
2005	1430	52.4796	-1.6193	73.56	65.32	201	5.74	2.79	8.72	4.21	1.51	6.89	374	97	47

2005	1431	52.5363	-1.2707	75.86	54.39	215	5.4	2.2	8.55	4	1.16	6.8	374	97	47
2005	1432	52.5921	-0.9212	77.33	59.99	96	5.02	1.66	8.3	3.67	0.74	6.58	375	98	47
2005	1433	52.6468	-0.5709	75.82	45.94	39	5.43	2.29	8.56	3.93	1.14	6.73	375	98	47
2005	1434	52.7006	-0.2196	75.64	35.01	99	5.69	2.4	9	4.3	1.31	7.32	376	98	48
2005	1435	52.7533	0.1324	73.42	88.96	43	5.65	2.5	8.83	4.28	1.41	7.16	376	98	48
2005	1436	52.8051	0.4853	74.35	33.51	37	5.43	2.4	8.53	4.04	1.26	6.78	377	99	48
2005	1437	52.8559	0.839	76.8	1.96	10	5.71	2.9	8.47	4.06	1.51	6.64	377	99	48
2005	1438	52.9056	1.1934	76.89	36.59	46	5.98	3.29	8.73	4.34	2	6.65	378	99	48
2005	1439	52.9544	1.5487	78	1	3	6.48	3.99	9.03	4.75	2.71	6.75	378	99	48
2005	1459	51.6499	-4.9475	35.59	423.38	17	7.38	4.45	9.9	5.05	1.77	8.3	369	95	45
2005	1460	51.7159	-4.6095	42.75	563.93	16	6.82	4.13	9.41	4.76	1.67	7.91	369	95	45
2005	1461	51.7809	-4.2706	49.59	256.16	22	6.36	3.65	9.08	4.41	1.21	7.55	370	95	46
2005	1462	51.845	-3.9307	51.25	351.42	32	5.85	3.17	8.5	3.87	0.83	6.87	370	95	46
2005	1463	51.9082	-3.5899	58.71	387.24	7	5.63	2.76	8.32	3.56	0.51	6.55	371	96	46
2005	1464	51.9704	-3.2481	58.81	193.36	21	5.61	2.79	8.35	3.55	0.72	6.39	371	96	46
2005	1465	52.0317	-2.9054	60.63	233.48	43	6.19	3.14	9.23	4.37	1.44	7.27	372	96	46
2005	1466	52.092	-2.5618	65.41	205.15	78	6.23	3.21	9.25	4.5	1.61	7.38	372	96	46
2005	1467	52.1513	-2.2173	67.44	163.98	174	6.38	3.23	9.52	4.81	1.75	7.86	373	97	47
2005	1468	52.2097	-1.872	70.02	159.65	117	5.87	2.65	9.03	4.27	1.37	7.18	373	97	47
2005	1469	52.2672	-1.5257	72.98	83.6	135	5.75	2.49	8.95	4.2	1.34	7.03	374	97	47
2005	1470	52.3236	-1.1786	75.77	40.78	81	5.53	2.42	8.58	3.98	1.21	6.75	374	97	47
2005	1471	52.3791	-0.8306	74.17	62.28	131	5.43	2.26	8.63	3.93	1.08	6.83	375	98	47
2005	1472	52.4336	-0.4817	77.53	47.5	30	5.61	2.37	8.85	4.14	1.21	7.09	375	98	47
2005	1473	52.4871	-0.132	73.25	92.94	60	5.77	2.46	9.13	4.31	1.3	7.37	376	98	48
2005	1474	52.5396	0.2185	74.71	26.35	31	5.63	2.54	8.88	4.23	1.46	7.13	376	98	48
2005	1475	52.5912	0.5698	76.71	27.21	21	5.49	2.28	8.76	4.11	1.22	7.01	377	99	48
2005	1476	52.6417	0.9219	78.84	22.31	57	5.59	2.64	8.63	4.1	1.38	6.79	377	99	48
2005	1477	52.6912	1.2748	76.87	70.3	163	5.79	2.9	8.79	4.14	1.6	6.67	378	99	48
2005	1478	52.7397	1.6285	80	29.18	23	6.09	3.4	8.89	4.43	2.15	6.69	378	99	48
2005	1500	51.5706	-4.1665	35.65	199.01	55	7.07	4.65	9.52	5.17	2.3	8.04	390	95	46
2005	1501	51.6344	-3.828	44.64	344.53	55	6.42	3.82	9.06	4.48	1.59	7.39	390	95	46
2005	1502	51.6973	-3.4886	49.38	321.09	39	5.31	2.55	7.97	3.41	0.64	6.15	391	96	46
2005	1503	51.7592	-3.1482	51.25	247.17	52	5.48	2.62	8.31	3.55	0.77	6.41	391	96	46
2005	1504	51.8202	-2.8069	56.65	240.49	55	6.15	3.33	8.93	4.4	1.66	7.19	392	96	46
2005	1505	51.8803	-2.4648	57.7	258.36	84	6.36	3.41	9.36	4.67	1.83	7.56	392	96	46
2005	1506	51.9393	-2.1217	63.77	221.66	235	6.39	3.42	9.38	4.74	1.97	7.5	393	97	47
2005	1507	51.9975	-1.7778	70.38	132.89	29	5.96	2.85	9.05	4.34	1.44	7.21	393	97	47
2005	1508	52.0546	-1.433	73.52	69.25	61	5.52	2.44	8.56	3.86	1.09	6.63	394	97	47
2005	1509	52.1108	-1.0873	74.17	63.02	58	5.56	2.4	8.72	3.88	1.05	6.72	394	97	47
2005	1510	52.1661	-0.7408	76.56	65.74	122	5.76	2.63	8.89	4.16	1.31	6.99	395	98	47
2005	1511	52.2203	-0.3934	76.5	91.1	74	5.85	2.6	9.08	4.27	1.34	7.19	395	98	47
2005	1512	52.2736	-0.0453	75.07	79.07	151	6.06	2.87	9.23	4.47	1.66	7.27	396	98	48
2005	1513	52.3259	0.3037	73.73	97.76	55	5.93	2.74	9.14	4.33	1.49	7.19	396	98	48
2005	1514	52.3771	0.6535	77.79	20.62	19	5.7	2.57	8.97	4.05	1.21	6.95	397	99	48
2005	1515	52.4274	1.0041	77.06	137.25	33	5.59	2.51	8.62	3.8	0.91	6.5	397	99	48
2005	1516	52.4767	1.3555	79.87	36.59	39	5.61	2.7	8.77	3.92	1.23	6.66	398	99	48
2005	1517	52.525	1.7076	78.27	19.2	37	6.02	3.3	8.81	4.31	1.98	6.66	398	99	48
2005	153	60.0573	-1.2163	83	NA	1	5.41	3.4	7.39	4.75	3.22	6.34	39	10	7
2005	1540	51.4237	-3.7263	45.63	180.53	35	6.69	3.87	9.54	4.78	1.95	7.67	390	95	46
2005	1541	51.4863	-3.3882	44.65	255.43	185	6.49	3.55	9.37	4.77	1.82	7.69	391	96	46
2005	1542	51.548	-3.0492	49.11	254.15	150	6.56	3.49	9.57	4.87	1.84	7.9	391	96	46
2005	1543	51.6087	-2.7094	52.87	248.3	118	6.61	3.76	9.51	4.85	2.12	7.63	392	96	46
2005	1544	51.6685	-2.3686	59.81	245.01	159	6.14	3.3	9.08	4.57	1.75	7.38	392	96	46
2005	1545	51.7273	-2.027	63.66	259.04	80	5.65	2.7	8.66	4.06	1.31	6.86	393	97	47
2005	1546	51.7851	-1.6845	76.19	19.68	26	5.75	2.69	8.84	4.12	1.36	6.92	393	97	47
2005	1547	51.842	-1.3411	75.55	62.81	118	6.08	3.13	9.04	4.33	1.67	7.02	394	97	47
2005	1548	51.898	-0.9969	74.05	75.95	44	5.77	2.69	8.86	4.05	1.28	6.84	394	97	47
2005	1549	51.953	-0.6519	77.83	41.35	129	5.77	2.72	8.83	4	1.28	6.63	395	98	47
2005	1550	52.007	-0.306	75.87	42.32	185	5.87	2.78	8.98	4.08	1.4	6.71	395	98	47
2005	1551	52.06	0.0407	77.34	33.36	103	5.86	2.63	9.06	4.22	1.39	7.02	396	98	48
2005	1552	52.112	0.3882	77.7	26.68	61	5.52	2.37	8.7	3.75	0.9	6.57	396	98	48
2005	1553	52.1631	0.7364	77.75	74.84	53	5.55	2.49	8.64	3.8	1.1	6.5	397	99	48
2005	1554	52.2131	1.0855	78.74	38.93	23	5.59	2.57	8.65	3.76	1.04	6.44	397	99	48
2005	1555	52.2622	1.4353	79.66	53.07	32	5.81	2.83	8.9	3.97	1.32	6.63	398	99	48
2005	1556	52.3103	1.7859	71.6	108.8	5	6.17	3.49	8.91	4.35	2.03	6.66	398	99	48

2005	1576	51.0204	-4.6302	29.29	254.24	7	7.53	5.56	9.44	4.8	2.67	7.23	409	105	45
2005	1577	51.0855	-4.2962	34.92	383.53	64	7.67	5.31	10.15	5.2	2.37	8.05	409	105	45
2005	1578	51.1497	-3.9613	32.67	296.2	86	6.96	4.67	9.41	4.66	1.94	7.28	410	105	46
2005	1579	51.2129	-3.6255	43.68	282.89	22	7.36	5.03	9.76	5.53	2.89	8.18	410	105	46
2005	1580	51.2752	-3.2888	51.56	212.28	9	7.05	4.49	9.61	5.03	2.54	7.54	411	106	46
2005	1581	51.3366	-2.9512	51.76	194.08	162	6.77	3.9	9.8	5.13	2.3	8.01	411	106	46
2005	1582	51.3971	-2.6127	53.3	277.26	492	6.58	3.66	9.58	4.86	2.04	7.69	412	106	46
2005	1583	51.4566	-2.2733	58.3	242.69	159	6.12	3.12	9.15	4.41	1.54	7.3	412	106	46
2005	1584	51.5151	-1.9331	72.51	154.15	118	5.94	2.95	8.91	4.21	1.35	7.1	413	107	47
2005	1585	51.5727	-1.592	72.99	93.14	86	5.9	2.88	8.88	4.12	1.28	6.99	413	107	47
2005	1586	51.6294	-1.2501	74.54	111.12	137	6.13	3.03	9.24	4.31	1.46	7.19	414	107	47
2005	1587	51.6851	-0.9074	74.88	65.32	131	5.66	2.83	8.51	3.79	1.33	6.3	414	107	47
2005	1588	51.7398	-0.5638	75.18	57.61	266	5.62	2.61	8.62	3.83	1.23	6.38	415	108	47
2005	1589	51.7935	-0.2194	75.89	41.13	308	5.79	2.69	8.88	4.03	1.35	6.68	415	108	47
2005	1590	51.8463	0.1258	75.47	125.83	87	5.74	2.54	8.94	4.03	1.21	6.82	416	108	48
2005	1591	51.8981	0.4718	75.11	120.37	66	5.64	2.61	8.66	3.83	1.19	6.47	416	108	48
2005	1592	51.9489	0.8185	75.7	66.1	148	5.74	2.57	8.92	3.92	1.07	6.74	417	109	48
2005	1593	51.9988	1.1661	77.17	82.99	138	5.85	2.87	8.85	4	1.38	6.62	417	109	48
2005	1594	52.0476	1.5143	78.95	61.61	19	6.05	3.24	8.9	4.16	1.7	6.62	418	109	48
2005	1614	50.7446	-4.8581	14.63	61.7	8	7.32	5.31	9.27	4.78	2.38	7.09	408	104	45
2005	1615	50.8104	-4.5264	29.36	315.41	42	7.35	5.01	9.76	4.68	1.92	7.51	409	105	45
2005	1616	50.8752	-4.1937	26.7	241.57	63	6.92	4.33	9.58	4.51	1.59	7.51	409	105	45
2005	1617	50.9391	-3.8601	33.3	187.14	40	6.43	3.83	9.08	4.19	1.42	7.04	410	105	46
2005	1618	51.002	-3.5257	49.72	349.88	50	5.98	3.26	8.75	4.07	1.27	6.93	410	105	46
2005	1619	51.0641	-3.1903	48.95	276.55	132	6.72	3.63	9.9	4.78	1.89	7.82	411	106	46
2005	1620	51.1252	-2.854	52.64	203	113	6.73	3.68	9.95	5.05	2.09	8.09	411	106	46
2005	1621	51.1854	-2.5169	52.52	239.61	88	5.98	3.11	8.89	4.25	1.51	7.02	412	106	46
2005	1622	51.2446	-2.179	55.58	246.62	139	5.95	2.89	9.04	4.28	1.31	7.26	412	106	46
2005	1623	51.3029	-1.8401	66.3	222.79	53	5.55	2.55	8.56	3.79	0.94	6.66	413	107	47
2005	1624	51.3603	-1.5005	70.29	130.03	45	5.58	2.61	8.59	3.82	1	6.66	413	107	47
2005	1625	51.4167	-1.16	72.26	141.93	151	5.97	2.96	9.01	4.2	1.44	6.97	414	107	47
2005	1626	51.4721	-0.8186	73.01	75.16	284	6.17	3.13	9.23	4.42	1.72	7.15	414	107	47
2005	1627	51.5266	-0.4765	72.36	124.41	385	6.39	3.29	9.47	4.68	1.99	7.35	415	108	47
2005	1628	51.5801	-0.1336	72.48	136.85	353	6.55	3.55	9.56	4.76	2.12	7.39	415	108	47
2005	1629	51.6326	0.2101	72.42	130.51	200	6.08	2.99	9.23	4.27	1.47	7.09	416	108	48
2005	1630	51.6842	0.5546	73.8	84.94	199	5.93	2.91	9.02	4.06	1.28	6.83	416	108	48
2005	1631	51.7348	0.8999	77.12	21.93	57	6.01	3.1	8.97	4.12	1.48	6.76	417	109	48
2005	1632	51.7844	1.2459	75.48	56.51	25	5.84	3.13	8.61	4.04	1.68	6.39	417	109	48
2005	1652	50.4684	-5.0835	33.58	360.73	26	7.7	5.43	9.98	5.18	2.62	7.82	428	104	52
2005	1653	50.5348	-4.754	31.88	300.35	42	7.05	4.69	9.37	4.77	2.07	7.41	428	104	52
2005	1654	50.6002	-4.4235	33.68	273.24	74	6.78	4.1	9.53	4.46	1.49	7.46	429	105	52
2005	1655	50.6648	-4.0921	33.97	268.74	58	6.04	3.6	8.53	3.73	1.18	6.32	429	105	52
2005	1656	50.7284	-3.7598	34.76	225.18	63	6.45	3.76	9.2	4.33	1.55	7.13	430	105	53
2005	1657	50.7911	-3.4267	41.93	235.95	169	6.73	3.74	9.79	4.77	1.78	7.83	430	105	53
2005	1658	50.8529	-3.0927	50.66	258.83	94	6.19	3.44	9.04	4.27	1.66	7.03	431	106	53
2005	1659	50.9137	-2.7578	54.08	264.81	107	6.52	3.52	9.58	4.66	1.73	7.73	431	106	53
2005	1660	50.9736	-2.422	55	238	68	6.12	3.03	9.22	4.37	1.34	7.46	432	106	53
2005	1661	51.0326	-2.0854	54.71	240.1	38	5.79	2.74	8.86	4.03	1.19	7.03	432	106	53
2005	1662	51.0906	-1.748	50.33	270.84	128	5.8	2.77	8.87	4.12	1.22	7.06	433	107	54
2005	1663	51.1477	-1.4097	54.28	259.75	137	6	2.94	9.1	4.32	1.43	7.24	433	107	54
2005	1664	51.2039	-1.0707	64.3	210.45	152	5.81	2.82	8.77	3.99	1.19	6.78	434	107	54
2005	1665	51.259	-0.7308	71.86	140.87	303	6.09	2.99	9.18	4.28	1.41	7.13	434	107	54
2005	1666	51.3133	-0.3901	70.84	144.19	429	6.5	3.53	9.45	4.72	2.06	7.34	435	108	54
2005	1667	51.3665	-0.0486	71.65	142.72	671	6.53	3.65	9.42	4.7	2.05	7.31	435	108	54
2005	1668	51.4188	0.2937	71.9	121.82	255	6.43	3.48	9.45	4.55	1.82	7.29	436	108	55
2005	1669	51.4702	0.6367	72.57	105.14	216	6.4	3.64	9.2	4.37	1.73	7.05	436	108	55
2005	1670	51.5205	0.9804	77.78	6.19	9	6.46	3.79	9.21	4.28	1.72	6.93	437	109	55
2005	1687	49.9856	-6.283	37	631	3	9.39	7.67	10.84	7.13	5.14	8.66	426	103	51
2005	1689	50.124	-5.6328	30.94	338.91	36	8.08	6.04	10.1	5.49	3.15	7.78	427	104	52
2005	1690	50.1918	-5.3064	35.64	388.23	100	7.7	5.39	10	5.19	2.53	7.95	427	104	52
2005	1691	50.2588	-4.979	33.22	395.08	102	7.65	4.91	10.39	5.27	2.31	8.35	428	104	52
2005	1692	50.3249	-4.6507	40.43	356.36	74	7.15	4.68	9.67	4.8	2.15	7.49	428	104	52
2005	1693	50.39	-4.3215	37.04	351.04	141	6.96	4.28	9.7	4.86	2	7.79	429	105	52
2005	1694	50.4543	-3.9914	34.27	260.07	202	6.53	3.89	9.29	4.45	1.68	7.37	429	105	52
2005	1695	50.5176	-3.6605	37.38	298.08	211	7.27	4.6	10.08	5.2	2.56	7.91	430	105	53

2005	1696	50.58	-3.3286	40.15	219.27	112	7.08	4.42	9.87	5.08	2.42	7.77	430	105	53
2005	1697	50.6415	-2.9959	43.74	181.76	42	6.27	3.73	9.44	4.47	1.72	7.24	431	106	53
2005	1698	50.7021	-2.6624	49.71	313.21	45	6.49	3.74	9.44	4.52	1.62	7.55	431	106	53
2005	1699	50.7618	-2.328	44.58	243.09	65	6.38	3.38	9.4	4.49	1.45	7.61	432	106	53
2005	1700	50.8205	-1.9928	43.89	238.99	423	6.64	3.73	9.63	4.89	1.91	7.84	432	106	53
2005	1701	50.8783	-1.6567	44.47	233.12	118	6.46	3.51	9.5	4.72	1.75	7.7	433	107	54
2005	1702	50.9351	-1.3198	48.06	232.12	428	6.64	3.7	9.62	4.86	1.99	7.72	433	107	54
2005	1703	50.991	-0.9822	57.16	276.8	129	6.02	2.91	9.22	4.14	1.09	7.29	434	107	54
2005	1704	51.0459	-0.6437	66.34	232.26	64	5.82	2.75	8.93	3.78	0.82	6.97	434	107	54
2005	1705	51.0999	-0.3044	68.83	177.6	133	5.82	2.69	8.94	4.04	1.15	6.92	435	108	54
2005	1706	51.1529	0.0356	71.19	130.09	116	5.7	2.53	8.86	3.87	0.92	6.73	435	108	54
2005	1707	51.205	0.3764	69.9	144.43	197	5.79	2.67	8.95	3.95	1.06	6.79	436	108	55
2005	1708	51.2561	0.718	71.23	120.61	95	6.09	3.28	8.96	4.13	1.46	6.82	436	108	55
2005	1709	51.3062	1.0603	68.74	149.24	114	6.27	3.5	9.06	4.29	1.73	6.86	437	109	55
2005	1710	51.3554	1.4033	72.02	79.64	43	6.46	3.89	9.09	4.42	2.15	6.7	437	109	55
2005	1729	49.9824	-5.2015	44	1051	3	7.85	5.54	10.2	5.25	2.53	8.02	447	114	52
2005	1733	50.2437	-3.8916	31.87	190.17	38	7.3	4.48	10.22	5.18	2.24	8.29	449	115	52
2005	1734	50.3068	-3.5619	41.16	400.73	51	7.91	5.36	10.69	5.77	3.2	8.48	450	115	53
2005	1737	50.4905	-2.5679	52.06	184.93	17	7.32	4.85	9.89	5.21	2.39	8.06	451	116	53
2005	1738	50.5499	-2.2348	46	27	3	6.7	3.8	9.63	4.8	1.88	7.73	452	116	53
2005	1739	50.6083	-1.9009	42.99	229.54	72	7.04	4.45	9.67	5.1	2.38	7.77	452	116	53
2005	1740	50.6658	-1.5663	46.29	249.97	100	6.8	4.19	9.47	4.89	2.17	7.6	453	117	54
2005	1741	50.7224	-1.2308	49.64	257.18	128	7.18	4.81	9.59	5.13	2.71	7.55	453	117	54
2005	1742	50.7781	-0.8945	55.49	240.6	183	6.57	3.79	9.43	4.69	1.89	7.5	454	117	54
2005	1743	50.8328	-0.5574	54.93	254.74	187	6.44	3.68	9.23	4.46	1.72	7.16	454	117	54
2005	1744	50.8865	-0.2196	61.05	279.82	282	6.21	3.54	8.99	4.18	1.52	6.85	455	118	54
2005	1745	50.9393	0.119	65.47	209.69	118	5.97	2.99	8.96	4.1	1.18	7	455	118	54
2005	1746	50.9911	0.4584	64.14	286.13	35	5.72	2.74	8.76	3.9	0.93	6.86	456	118	55
2005	1747	51.042	0.7985	66.83	211.53	40	5.87	2.94	8.85	3.95	1.3	6.64	456	118	55
2005	1748	51.0919	1.1393	65.64	223.39	70	5.74	3.01	8.53	3.69	1.19	6.22	457	119	55
2005	1749	51.1408	1.4809	63.92	200.99	36	6.49	3.96	9.05	4.39	2.02	6.77	457	119	55
2005	1780	50.5097	-1.1425	49.5	313.67	4	7.32	5.23	9.42	5.22	2.91	7.52	453	117	54
2005	1783	50.673	-0.1355	53	245.6	6	6.74	4.36	9.08	4.38	1.97	6.76	455	118	54
2005	1784	50.7256	0.2017	62.33	277.31	84	6.68	4.03	9.31	4.55	1.77	7.28	455	118	54
2005	1785	50.7772	0.5396	59.7	291.4	87	6.18	3.84	8.61	4.24	1.9	6.58	456	118	55
2005	264	59.068	-3.3283	76.5	0.5	2	4.98	2.8	7.17	4.02	1.75	6.28	76	18	13
2005	294	58.2582	-6.7684	67	0	2	4.77	2.2	7.45	3.74	1.23	6.43	71	16	11
2005	295	58.329	-6.3784	76.5	612.5	2	5.18	2.76	7.62	3.92	1.57	6.32	72	16	11
2005	334	58.1208	-6.2433	66	NA	1	5.84	3.45	8.2	4.59	2.27	6.9	92	26	11
2005	340	58.5213	-3.884	77	NA	1	5.3	2.54	8.08	3.97	1.36	6.53	95	28	12
2005	341	58.5843	-3.4859	79.14	124.48	7	4.55	1.82	7.34	3.54	0.8	6.29	95	28	12
2005	342	58.6461	-3.0865	81.67	4.33	3	4.76	2.19	7.47	3.88	1.24	6.57	96	28	13
2005	375	58.0496	-5.3326	74.33	40.33	3	6.11	3.77	8.48	4.5	2.35	6.63	93	27	12
2005	377	58.1824	-4.5498	79	NA	1	3.88	1.06	6.73	2.14	-0.71	5	94	27	12
2005	38	60.806	-0.7127	88	NA	1	4.05	2.32	5.78	4.35	2.34	6.19	20	10	7
2005	410	57.5635	-6.746	41	NA	1	5.68	3.72	7.59	3.74	2.01	6.05	111	26	11
2005	411	57.6343	-6.3626	62	NA	1	6.42	4.35	8.34	4.51	2.63	6.59	111	26	11
2005	413	57.7728	-5.5917	61	19	3	5.78	3.55	8.01	3.89	1.89	5.85	112	26	11
2005	414	57.8404	-5.2041	75.67	72.33	3	5.35	2.95	7.64	3.63	1.45	5.66	113	27	12
2005	416	57.9725	-4.4249	73	8	2	4.54	1.43	7.48	2.99	-0.15	6.01	114	27	12
2005	417	58.037	-4.0333	75	3	3	4.79	1.98	7.63	3.41	0.81	5.98	114	27	12
2005	449	57.3556	-6.6121	68.5	253.67	4	5.33	3.07	7.6	3.51	1.4	6.24	111	26	11
2005	450	57.4261	-6.2305	69.5	420.5	2	5.92	3.7	8.17	4.08	1.83	6.67	111	26	11
2005	451	57.4955	-5.8474	73.5	40.5	2	6.04	3.87	8.27	4.14	2.07	6.28	112	26	11
2005	455	57.7626	-4.3016	82	163	3	4.75	1.74	7.84	3.34	0.56	6.09	114	27	12
2005	456	57.8267	-3.9118	77.33	42.33	3	5.09	2.22	8.02	3.58	1.07	6.58	114	27	12
2005	489	57.2177	-6.0998	53.5	612.5	2	6.25	3.66	8.68	4.26	1.65	6.88	131	36	18
2005	490	57.2867	-5.7184	71.25	36.92	4	4.64	2.39	7.04	2.5	0.16	4.93	132	36	18
2005	491	57.3547	-5.3357	68	50	2	5.53	2.52	8.51	3.75	0.73	6.77	132	36	18
2005	492	57.4217	-4.9517	75	NA	1	2.77	0.19	5.5	0.97	-1.64	3.48	133	37	19
2005	493	57.4876	-4.5663	72.5	115.19	14	4.58	1.49	7.68	3.28	0.48	6.08	133	37	19
2005	494	57.5524	-4.1796	71.12	37.11	17	5.44	2.7	8.24	3.98	1.47	6.34	134	37	19
2005	495	57.6162	-3.7917	71.33	342.42	12	5.33	2.6	8.08	3.8	1.28	6.3	134	37	19
2005	496	57.6789	-3.4024	71.5	59.67	4	5.64	2.69	8.61	4.23	1.67	6.88	135	38	19
2005	497	57.7406	-3.0119	74.67	26.33	3	5.86	3.24	8.42	4.52	2.34	6.69	135	38	19

2005	528	57.0092	-5.9706	57.25	192.25	4	5.52	3.04	7.79	3.49	1.26	5.53	131	36	18
2005	531	57.2121	-4.8276	75.17	14.97	6	3.99	1.44	6.52	2.4	-0.02	4.82	133	37	19
2005	532	57.2777	-4.444	71.14	342.48	7	4.39	1.32	7.35	2.92	0.12	5.69	133	37	19
2005	534	57.4057	-3.6729	74.67	26.33	3	3.79	0.89	6.7	2.34	-0.15	4.83	134	37	19
2005	535	57.4681	-3.2855	81.4	161.3	5	4.29	1.47	7.15	2.89	0.31	5.3	135	38	19
2005	536	57.5294	-2.8968	76.89	65.11	9	4.5	1.62	7.41	3.21	0.63	5.77	135	38	19
2005	537	57.5896	-2.5069	73.1	55.21	10	5	2.21	7.77	3.87	1.43	6.33	136	38	20
2005	538	57.6487	-2.1157	76	0	2	4.44	1.63	7.31	3.49	1.13	5.7	136	38	20
2005	567	56.8005	-5.8428	45.67	450.33	3	6.23	3.51	8.88	4.34	1.61	7.04	151	36	18
2005	569	56.9362	-5.0855	70	2	2	5.47	2.07	8.84	3.99	0.86	7.23	152	36	18
2005	570	57.0025	-4.705	75	NA	1	4.7	1.57	7.86	3.21	0.47	5.94	153	37	19
2005	572	57.1319	-3.9399	79	NA	1	3.92	0.81	6.83	2.44	-0.41	4.93	154	37	19
2005	573	57.195	-3.5556	77	1	3	3.25	0.14	6.4	1.84	-0.83	4.46	154	37	19
2005	574	57.2571	-3.1699	79	50	2	3.36	0.35	6.36	1.79	-0.63	4.18	155	38	19
2005	575	57.3181	-2.783	75.62	42.76	13	4.24	1.18	7.27	2.87	0.3	5.5	155	38	19
2005	576	57.378	-2.395	77.4	8.83	15	4.5	1.37	7.58	3.52	0.81	6.21	156	38	20
2005	577	57.4368	-2.0057	57	526	5	4.72	1.79	7.71	4.07	1.69	5.78	156	38	20
2005	605	56.5227	-6.0915	61.5	480.5	2	5.88	3.31	8.62	4.46	1.58	7.36	151	36	18
2005	607	56.6598	-5.3402	71.83	87.77	6	5.02	2.19	7.78	3.45	0.73	6.23	152	36	18
2005	608	56.7267	-4.9625	74.5	40.5	2	4.33	1.34	7.18	2.7	0.02	5.46	152	36	18
2005	612	56.9842	-3.4395	78	NA	1	3.56	0.29	6.78	1.99	-0.68	4.53	154	37	19
2005	613	57.046	-3.0557	79.8	32.7	5	4.17	1.02	7.34	2.6	-0.03	5.24	155	38	19
2005	614	57.1067	-2.6706	76.4	47.38	10	3.75	0.79	6.82	2.21	-0.29	4.72	155	38	19
2005	615	57.1663	-2.2844	77.55	138.26	22	5.11	2.1	8.1	3.99	1.43	6.53	156	38	20
2005	645	56.3828	-5.5915	59.5	214.7	6	6.08	3.33	8.79	4.69	1.99	7.38	171	46	18
2005	646	56.4505	-5.2168	58.25	330.5	8	5.04	2.11	8.04	3.82	1	6.75	172	46	18
2005	649	56.6474	-4.0853	74.5	144.5	2	4.03	0.99	7.08	2.48	-0.38	5.12	173	47	19
2005	650	56.7109	-3.7056	82.5	27	4	3.71	0.53	6.93	2.22	-0.66	5.06	174	47	19
2005	653	56.8952	-2.5594	84.67	312.33	3	4.5	1.44	7.64	3.33	0.69	5.99	175	48	19
2005	654	56.9544	-2.175	78	58.8	6	5.07	2.02	8.14	4.14	1.64	6.65	176	48	20
2005	684	56.1738	-5.4679	65.33	532.33	3	5.63	2.89	8.43	4.31	1.6	7.05	171	46	18
2005	685	56.2411	-5.0949	69.33	84.27	6	4.47	1.67	7.35	3.48	0.65	6.08	172	46	18
2005	686	56.3075	-4.7206	49	2	2	5.87	2.89	8.88	4.69	1.92	7.27	172	46	18
2005	687	56.3728	-4.3451	76	32	2	4.95	1.73	8.12	3.59	0.33	6.41	173	47	19
2005	688	56.437	-3.9684	81	338	2	4.7	1.28	8.23	3.54	0.4	6.78	173	47	19
2005	689	56.5002	-3.5904	70	636.67	4	4.91	1.31	8.42	3.47	0.29	6.74	174	47	19
2005	690	56.5624	-3.2113	83.89	92.11	9	4.56	1.17	7.95	3.4	0.39	6.41	174	47	19
2005	691	56.6235	-2.831	80	14	6	4.74	1.38	8.03	3.55	0.65	6.43	175	48	19
2005	692	56.6836	-2.4495	86.75	62.25	4	5.18	2.22	8.12	3.97	1.56	6.38	175	48	19
2005	720	55.7576	-6.4524	62	NA	1	6.81	4.22	9.42	5.36	2.94	7.83	190	45	25
2005	722	55.8966	-5.7158	45.25	104.25	4	4.83	2.3	7.4	3.39	0.9	5.85	191	46	25
2005	723	55.9647	-5.3457	55.4	354.8	5	5.86	2.86	8.88	4.7	1.86	7.61	191	46	25
2005	724	56.0317	-4.9743	56.7	270.22	27	5.4	2.57	8.28	4.2	1.64	6.72	192	46	25
2005	725	56.0977	-4.6016	67.09	209.29	11	4.62	1.87	7.45	3.39	0.88	5.89	192	46	25
2005	726	56.1626	-4.2278	70.22	115.19	9	4.7	1.62	7.78	3.55	0.71	6.46	193	47	26
2005	727	56.2266	-3.8527	73.93	30.07	15	4.7	1.49	8.03	3.5	0.59	6.49	193	47	26
2005	728	56.2894	-3.4765	77.44	15.53	9	4.96	1.57	8.32	3.64	0.54	6.74	194	47	26
2005	729	56.3513	-3.0991	74.38	184.07	24	5.3	1.99	8.59	4.15	1.2	7.12	194	47	26
2005	730	56.4121	-2.7205	72.42	57.17	12	5.73	2.54	8.72	4.62	1.74	7.34	195	48	26
2005	761	55.6877	-5.5933	51.5	612.5	2	5.18	2.67	7.7	3.81	1.52	6.04	191	46	25
2005	763	55.8221	-4.8549	68.9	124.54	10	5.63	2.57	8.71	4.51	1.78	7.22	192	46	25
2005	764	55.8877	-4.4839	72.23	85.14	47	5.6	2.51	8.74	4.52	1.7	7.35	192	46	25
2005	765	55.9524	-4.1117	77.4	130.92	25	4.79	1.82	7.87	3.65	0.89	6.41	193	47	26
2005	766	56.016	-3.7384	74	88.25	25	5.61	2.5	8.76	4.38	1.58	7.19	193	47	26
2005	767	56.0786	-3.3638	76.56	48.59	25	5.18	2.04	8.41	3.95	1.13	6.85	194	47	26
2005	768	56.1401	-2.9881	60.6	382.3	5	5.02	1.91	8.25	3.83	1.02	6.69	194	47	26
2005	769	56.2006	-2.6113	77	NA	1	5.69	2.79	8.61	4.45	1.92	6.97	195	48	26
2005	800	55.4787	-5.4721	56	199.33	4	6.36	3.42	9.41	5.23	2.48	8.04	211	56	25
2005	801	55.546	-5.1051	60.33	74.33	3	6.58	3.57	9.59	5.53	2.86	8.2	211	56	25
2005	802	55.6124	-4.7369	76	163.67	7	5.71	2.5	8.93	4.67	1.74	7.56	212	56	25
2005	803	55.6777	-4.3675	77.1	87.15	20	5.12	2.04	8.21	3.99	1.18	6.73	212	56	25
2005	804	55.742	-3.997	75.36	152.24	22	5.17	2.14	8.22	3.99	1.24	6.73	213	57	26
2005	805	55.8053	-3.6253	76.5	16.94	10	4.73	1.7	7.76	3.32	0.54	6.13	213	57	26
2005	806	55.8676	-3.2524	75.37	110.14	102	5.78	2.8	8.78	4.5	1.88	7.17	214	57	26
2005	807	55.9288	-2.8784	72.84	41.03	19	5.64	2.68	8.66	4.3	1.78	6.86	214	57	26

2005	808	55.989	-2.5033	70.8	461.2	5	5.96	3.11	8.79	4.68	2.28	7.11	215	58	26
2005	841	55.4025	-4.6201	67.57	154.29	7	5.48	2.42	8.52	4.4	1.52	7.25	212	56	25
2005	842	55.4676	-4.2523	79.5	40.5	2	4.58	1.43	7.77	3.46	0.57	6.4	212	56	25
2005	843	55.5316	-3.8834	76.33	22.33	3	4.54	1.63	7.5	3.31	0.58	6.04	213	57	26
2005	844	55.5946	-3.5133	77	7	3	4.21	1.28	7.02	2.85	0.19	5.45	213	57	26
2005	845	55.6565	-3.1422	78.56	4.03	9	4.51	1.4	7.64	3.2	0.47	5.94	214	57	26
2005	846	55.7175	-2.7698	80.5	61.39	10	4.61	1.62	7.61	3.26	0.73	5.82	214	57	26
2005	847	55.7773	-2.3964	79	171.2	6	5.2	2.19	8.23	3.96	1.35	6.6	215	58	26
2005	848	55.8362	-2.0219	64.5	264.5	2	5.33	2.36	8.36	4.14	1.67	6.67	215	58	26
2005	879	55.1269	-4.8695	63	NA	1	5.59	3.1	8.11	4.36	1.98	6.73	231	56	25
2005	882	55.321	-3.7711	75	32	2	4.23	1.3	7.07	3.02	0.29	5.64	233	57	26
2005	883	55.3837	-3.4026	76	NA	1	3.74	1.11	6.55	2.49	0.1	5	233	57	26
2005	885	55.506	-2.6624	77.13	24.7	8	4.84	1.66	8	3.59	0.76	6.41	234	57	26
2005	886	55.5656	-2.2907	75.33	10	9	5.41	2.27	8.46	4.17	1.43	6.95	235	58	26
2005	887	55.6241	-1.9179	74.4	13.3	5	5.42	2.22	8.57	4.19	1.28	7.11	235	58	26
2005	917	54.8508	-5.1159	54	175	3	5.88	3.41	8.48	4.71	2.22	7.17	231	56	25
2005	918	54.9172	-4.7536	61.14	393.14	7	5	2.08	7.89	3.94	1.08	6.8	231	56	25
2005	919	54.9826	-4.3902	56.5	259.5	6	5.25	2.36	8.16	4.23	1.42	7.06	232	56	25
2005	920	55.047	-4.0256	68.6	180.8	5	4.76	1.97	7.51	3.6	0.91	6.3	232	56	25
2005	921	55.1103	-3.6599	73.08	123.17	12	5.38	2.59	8.09	4.28	1.57	7.03	233	57	26
2005	922	55.1727	-3.2931	75.43	44.29	7	4.75	1.91	7.6	3.53	0.84	6.23	233	57	26
2005	923	55.2341	-2.9252	67.5	12.5	2	4.76	1.78	7.8	3.54	0.71	6.37	234	57	26
2005	924	55.2944	-2.5562	76	NA	1	4.03	1.01	7.04	2.71	-0.02	5.45	234	57	26
2005	926	55.412	-1.815	73.77	131.22	26	5.34	2.33	8.34	4.08	1.36	6.83	235	58	26
2005	957	54.7073	-4.6389	48	225	3	5.79	2.92	8.64	4.77	1.98	7.56	251	66	32
2005	958	54.7724	-4.277	59.5	313	4	4.75	2.13	7.44	3.57	0.94	6.21	252	66	32
2005	959	54.8365	-3.914	66.79	149.06	19	5.43	2.63	8.23	4.36	1.5	7.05	252	66	32
2005	960	54.8996	-3.5499	70.75	296.25	4	5.47	2.72	8.18	4.33	1.6	7.01	253	67	33
2005	961	54.9617	-3.1847	75.75	76.62	20	5.57	2.67	8.49	4.39	1.56	7.26	253	67	33
2005	962	55.0227	-2.8184	67	188.88	26	5.31	2.45	8.13	4.03	1.28	6.71	254	67	33
2005	963	55.0828	-2.4511	75.83	11.37	6	4.24	1.48	7	2.88	0.4	5.35	254	67	33
2005	964	55.1418	-2.0827	73	149.71	8	4.43	1.62	7.3	3.09	0.57	5.69	255	68	33
2005	965	55.1998	-1.7133	75.07	71.64	29	5.96	3.15	8.72	4.59	2.06	7.11	255	68	33
2005	998	54.6259	-3.8036	84	NA	1	5.43	3.03	7.7	4.37	1.93	6.75	252	66	32
2005	999	54.6887	-3.4411	69.86	133.19	29	5.55	2.89	8.05	4.4	1.69	6.95	253	67	33
2006	1000	54.7505	-3.0775	75.67	174.24	15	3.77	1.1	6.34	3.99	1.09	6.8	253	67	33
2006	1001	54.8113	-2.7128	83.67	170.81	15	3.66	1.05	6.26	3.91	1.07	6.69	254	67	33
2006	1002	54.871	-2.3471	79.75	125.58	4	2.43	-0.18	4.92	2.41	-0.29	4.99	254	67	33
2006	1003	54.9297	-1.9803	80.48	166.47	48	3.7	1.17	6.18	3.76	1.06	6.47	255	68	33
2006	1004	54.9874	-1.6126	77.95	199.76	181	4.39	1.86	6.9	4.63	2.09	7.17	255	68	33
2006	1037	54.4153	-3.6943	67.71	118.57	7	4.16	1.89	6.46	4.45	1.91	7	272	66	32
2006	1038	54.4778	-3.3333	57.25	276.33	16	3.09	0.75	5.4	3.22	0.66	5.75	273	67	33
2006	1039	54.5392	-2.9713	77.9	317.57	20	1.87	-0.07	4	1.76	-0.33	3.89	273	67	33
2006	1040	54.5997	-2.6083	80.14	147.33	21	2.87	0.28	5.58	2.96	0.07	5.85	274	67	33
2006	1041	54.6592	-2.2442	85.25	132.25	4	1.71	-0.47	3.9	1.39	-1.01	3.74	274	67	33
2006	1042	54.7176	-1.879	82.62	154.45	21	3.3	0.89	5.63	3.33	0.63	6.01	275	68	33
2006	1043	54.775	-1.5129	81.01	130.77	83	4.05	1.47	6.68	4.26	1.44	7.17	275	68	33
2006	1074	54.0772	-4.3018	59.09	268.67	32	6.72	5.1	8.27	6.39	4.52	8.24	271	66	32
2006	1077	54.2667	-3.2267	63.8	189.33	20	3.8	1.08	6.53	4.16	1.24	7.1	273	67	33
2006	1078	54.3279	-2.8663	76.28	236.9	47	3.3	0.55	6.15	3.65	0.83	6.52	273	67	33
2006	1079	54.3881	-2.5048	83.17	38.97	6	2.66	0.25	4.95	2.55	0.01	4.98	274	67	33
2006	1080	54.4473	-2.1423	87.5	12.5	2	2.24	-0.17	4.56	1.95	-0.57	4.3	274	67	33
2006	1081	54.5054	-1.7788	81.64	62.4	14	3.5	0.69	6.26	3.5	0.42	6.28	275	68	33
2006	1082	54.5625	-1.4143	81.47	198.47	103	4.04	1.38	6.75	4.21	1.26	7.17	275	68	33
2006	1083	54.6187	-1.0488	82.75	162.94	44	4.63	2.34	6.93	4.7	2.1	7.23	276	68	34
2006	1116	54.0556	-3.1212	64.71	307.21	21	4.05	1.62	6.47	4.41	1.68	7.12	293	77	33
2006	1117	54.1165	-2.7623	74.91	206.13	81	4.31	1.79	6.76	4.48	1.92	7	293	77	33
2006	1118	54.1764	-2.4024	79.25	168.33	16	2.74	0.47	4.96	2.63	0.15	5.07	294	77	33
2006	1119	54.2352	-2.0415	86.33	2.33	3	2.62	0.2	4.94	2.26	-0.23	4.7	294	77	33
2006	1120	54.2931	-1.6796	82.06	45.31	17	3.74	1.04	6.46	3.82	0.77	6.76	295	78	33
2006	1121	54.35	-1.3167	84.79	161.1	29	3.83	1.37	6.34	3.84	1.04	6.71	295	78	33
2006	1122	54.4058	-0.9529	80.64	99.45	11	3.57	1.29	5.87	3.49	0.83	6.11	296	78	34
2006	1123	54.4607	-0.5881	71	392	2	4.69	2.46	6.92	4.52	1.99	7.1	296	78	34
2006	114	60.2697	-1.3313	43	NA	1	5.58	3.88	7.43	4.13	2.27	5.96	39	10	7
2006	1155	53.8443	-3.0167	79.66	101.97	80	4.56	1.98	7.07	4.72	2.1	7.34	293	77	33

2006	1156	53.9049	-2.6594	80.82	157.6	34	3.98	1.52	6.47	3.94	1.33	6.61	293	77	33
2006	1157	53.9645	-2.3011	84.87	174.33	30	3.61	1.24	5.92	3.4	0.81	6.03	294	77	33
2006	1158	54.0232	-1.9417	81.24	161.47	37	3.09	0.94	5.27	2.84	0.34	5.33	294	77	33
2006	1159	54.0808	-1.5814	75.64	160.21	81	3.77	1.24	6.33	3.75	0.9	6.57	295	78	33
2006	1160	54.1373	-1.2202	83	53.41	18	3.65	0.99	6.38	3.75	0.86	6.9	295	78	33
2006	1161	54.1929	-0.858	85.52	43.97	29	3.56	1.23	6.01	3.58	0.73	6.55	296	78	34
2006	1162	54.2475	-0.4948	86.17	90.1	41	4.64	2.82	6.49	4.44	2.2	6.71	296	78	34
2006	1189	53.3167	-4.6773	37	392	2	5.44	2.93	7.85	5.52	3.43	7.59	310	75	39
2006	1190	53.3819	-4.3265	47.56	491.53	9	5.16	2.59	7.59	5.27	3.15	7.4	311	76	39
2006	1193	53.5717	-3.2681	85.29	56.57	7	4.54	2.06	7	4.67	2.21	7.27	312	76	39
2006	1194	53.633	-2.9133	75.42	125.33	128	4.43	1.81	6.98	4.53	1.88	7.18	313	77	40
2006	1195	53.6933	-2.5575	78.06	174.07	196	4.15	1.78	6.5	4.04	1.49	6.54	313	77	40
2006	1196	53.7527	-2.2007	79.57	156.4	104	3.36	1.16	5.48	3.05	0.69	5.43	314	77	40
2006	1197	53.811	-1.843	82.06	126.65	212	3.79	1.56	6.05	3.63	1.11	6.16	314	77	40
2006	1198	53.8683	-1.4842	77.74	186.6	136	3.87	1.58	6.31	3.79	1.17	6.48	315	78	40
2006	1199	53.9246	-1.1246	82.28	131.73	85	4.2	1.8	6.65	4.16	1.5	6.9	315	78	40
2006	1200	53.9799	-0.764	83.5	42.19	28	3.77	1.48	6.22	3.71	1	6.5	316	78	41
2006	1201	54.0342	-0.4025	81	130.8	26	4.04	1.78	6.39	3.99	1.26	6.74	316	78	41
2006	1202	54.0875	-0.04	82.88	208.13	8	4.99	3.38	6.61	4.61	2.56	6.59	317	79	41
2006	1229	53.1717	-4.2182	61.8	363.04	40	4.96	2.35	7.33	4.73	2.62	6.88	311	76	39
2006	1230	53.2356	-3.8679	63.67	200.62	27	5.43	2.79	7.88	5.28	3.18	7.37	311	76	39
2006	1231	53.2986	-3.5166	65.3	214.43	20	4.72	2.12	7.33	4.8	2.47	7.12	312	76	39
2006	1232	53.3606	-3.1643	77.19	176.7	144	4.77	2.44	7.08	4.85	2.53	7.15	312	76	39
2006	1233	53.4216	-2.8109	77.32	145.11	176	4.47	1.98	6.97	4.57	1.95	7.12	313	77	40
2006	1234	53.4816	-2.4567	77.74	157.16	265	4.57	2.17	7.04	4.5	1.87	7.21	313	77	40
2006	1235	53.5407	-2.1014	79.02	188.76	173	3.69	1.54	5.91	3.45	1.07	5.93	314	77	40
2006	1236	53.5987	-1.7452	81.63	193.12	148	4.03	1.75	6.35	3.86	1.27	6.5	314	77	40
2006	1237	53.6558	-1.3881	81.75	146.87	126	4.32	2.03	6.65	4.17	1.56	6.84	315	78	40
2006	1238	53.7118	-1.03	83.21	162.48	33	4.26	1.85	6.76	4.2	1.37	7.05	315	78	40
2006	1239	53.7669	-0.671	81.62	116.32	29	4.27	2.01	6.59	4.14	1.54	6.77	316	78	41
2006	1240	53.8209	-0.3111	83.49	94.31	132	4.55	2.21	6.96	4.52	1.77	7.2	316	78	41
2006	1241	53.8739	0.0497	69	NA	1	4.71	2.75	6.76	4.59	2.26	6.88	317	79	41
2006	1266	52.8312	-4.8056	74.4	147.3	5	5.31	3.3	7.41	4.86	2.79	6.93	330	85	39
2006	1267	52.8967	-4.4588	58.29	468.57	7	5.07	2.75	7.36	4.66	2.57	6.86	330	85	39
2006	1268	52.9613	-4.1109	50.46	412.77	13	4.22	1.59	6.55	3.83	1.58	6.08	331	86	39
2006	1269	53.025	-3.7621	57.67	156.33	3	3.75	0.59	6.56	3.56	0.79	6.37	331	86	39
2006	1270	53.0876	-3.4122	70.07	252.92	15	3.65	0.9	6.3	3.56	1.02	6.05	332	86	39
2006	1271	53.1494	-3.0614	74.64	168.76	89	4.38	1.57	7.15	4.52	1.7	7.3	332	86	39
2006	1272	53.2101	-2.7096	75.44	122.25	109	4.34	1.64	7.07	4.43	1.62	7.24	333	87	40
2006	1273	53.2698	-2.3568	78.26	148.34	108	4.64	2.28	7.01	4.55	1.89	7.24	333	87	40
2006	1274	53.3286	-2.0031	77.31	138.67	171	3.97	1.78	6.14	3.71	1.19	6.27	334	87	40
2006	1275	53.3864	-1.6484	82.1	126.97	160	4.2	2.24	6.17	3.72	1.3	6.11	334	87	40
2006	1276	53.4432	-1.2928	81.39	131.66	157	4.2	1.98	6.45	3.91	1.19	6.58	335	88	40
2006	1277	53.499	-0.9363	81.67	122.22	49	4.42	2.01	6.85	4.31	1.51	7.12	335	88	40
2006	1278	53.5538	-0.5789	82.54	180.06	65	4.2	1.82	6.59	4.14	1.45	6.89	336	88	41
2006	1279	53.6075	-0.2206	82	134.33	50	4.57	2.32	6.87	4.52	1.94	6.96	336	88	41
2006	1280	53.6603	0.1386	68	250.4	6	4.45	2.36	6.69	4.32	1.89	6.68	337	89	41
2006	1307	52.7509	-4.0047	49.62	160.26	13	4.05	1.43	6.65	3.71	1.34	6.11	331	86	39
2006	1308	52.8142	-3.6573	48	NA	1	2.41	0.41	4.54	1.71	-0.06	3.81	331	86	39
2006	1309	52.8766	-3.3089	74.56	73.53	9	3.35	0.68	5.92	3.08	0.51	5.6	332	86	39
2006	1310	52.938	-2.9595	73.53	204.04	38	4.21	1.44	6.93	4.04	1.28	6.79	332	86	39
2006	1311	52.9985	-2.6092	83.85	119.98	54	4.14	1.52	6.72	3.93	1.14	6.78	333	87	40
2006	1312	53.058	-2.2579	79.74	165.43	144	3.8	1.46	6.1	3.45	0.84	6.06	333	87	40
2006	1313	53.1165	-1.9057	79.12	84.11	26	2.76	0.83	4.64	2.12	-0.12	4.38	334	87	40
2006	1314	53.174	-1.5526	80.61	166.31	135	3.85	1.64	6.03	3.45	0.81	6.09	334	87	40
2006	1315	53.2305	-1.1985	80.15	192.64	103	4.12	1.97	6.29	3.8	1.22	6.35	335	88	40
2006	1316	53.286	-0.8436	80.43	82.7	37	4.16	1.63	6.59	4.14	1.3	6.93	335	88	40
2006	1317	53.3406	-0.4877	85.59	108.1	56	4.02	1.6	6.44	3.91	1.19	6.69	336	88	41
2006	1318	53.3941	-0.131	81.5	291.98	30	4.26	2.13	6.51	4.15	1.63	6.53	336	88	41
2006	1319	53.4466	0.2266	87.17	69.77	6	4.71	2.72	6.75	4.41	2.06	6.68	337	89	41
2006	1345	52.4763	-4.2445	46.5	59.1	6	5.07	2.42	7.73	4.46	1.67	7.29	350	85	39
2006	1346	52.5403	-3.8995	57.36	181.05	11	3.94	1.5	6.43	3.44	1.1	5.87	351	86	39
2006	1347	52.6034	-3.5535	67.4	259.3	5	3.46	0.84	6.07	3.08	0.46	5.72	351	86	39
2006	1348	52.6655	-3.2066	77.86	275.03	21	4.15	1.53	6.73	3.83	1.11	6.57	352	86	39
2006	1349	52.7267	-2.8587	70.96	230.99	79	4.18	1.55	6.81	3.79	1.01	6.59	352	86	39

2006	1350	52.7868	-2.5098	80.19	191.11	62	3.84	1.25	6.53	3.55	0.85	6.37	353	87	40
2006	1351	52.846	-2.16	84.02	170.31	62	3.73	1.34	6.12	3.33	0.68	6.02	353	87	40
2006	1352	52.9043	-1.8093	82.23	83.18	47	3.88	1.6	6.18	3.47	0.8	6.16	354	87	40
2006	1353	52.9615	-1.4577	81.9	142.1	250	4.26	1.94	6.57	3.85	1.15	6.53	354	87	40
2006	1354	53.0178	-1.1052	80.4	134.52	276	4.4	2.23	6.6	4.02	1.47	6.55	355	88	40
2006	1355	53.073	-0.7518	83.58	94.04	50	4.25	1.86	6.64	4.05	1.35	6.74	355	88	40
2006	1356	53.1273	-0.3975	81.26	105.93	53	4.1	1.73	6.48	3.95	1.26	6.67	356	88	41
2006	1357	53.1806	-0.0423	82.25	78.98	24	4.06	1.81	6.37	3.86	1.11	6.49	356	88	41
2006	1358	53.2328	0.3137	80.45	229.47	11	4.59	2.54	6.71	4.38	1.98	6.66	357	89	41
2006	1381	52.0691	-5.1639	91	0	2	5.4	2.7	7.89	4.75	2.23	7.16	349	85	38
2006	1382	52.1357	-4.8232	45	NA	1	5.19	2.76	7.44	4.52	2.22	6.68	349	85	38
2006	1383	52.2013	-4.4815	62.57	450.62	7	4	1.41	6.74	3.52	0.83	6.24	350	85	39
2006	1384	52.266	-4.1389	61.05	170.05	21	4.21	1.68	6.8	3.58	1	6.17	350	85	39
2006	1385	52.3297	-3.7953	68.5	158.06	10	3.78	1.37	6.19	3.01	0.52	5.54	351	86	39
2006	1386	52.3925	-3.4507	74.71	230.74	24	3.4	0.48	6.27	2.95	0.04	5.9	351	86	39
2006	1387	52.4543	-3.1052	70.53	275.93	19	3.5	0.93	5.95	2.87	0.18	5.64	352	86	39
2006	1388	52.5152	-2.7588	70.7	109.68	23	3.67	1.21	6.18	3.17	0.44	5.92	352	86	39
2006	1389	52.5751	-2.4114	80.35	286.28	40	3.73	1.38	6.55	3.43	0.64	6.36	353	87	40
2006	1390	52.634	-2.0631	80.68	162.14	244	3.95	1.67	6.23	3.49	0.85	6.11	353	87	40
2006	1391	52.692	-1.7139	80.63	125.06	123	4.13	1.72	6.49	3.67	0.88	6.46	354	87	40
2006	1392	52.7489	-1.3637	81.93	118.48	106	4.18	1.91	6.46	3.71	1.03	6.4	354	87	40
2006	1393	52.8049	-1.0127	83.81	80.97	94	4.11	1.73	6.49	3.71	0.95	6.5	355	88	40
2006	1394	52.86	-0.6609	83.36	90.76	58	4.05	1.7	6.37	3.8	1.07	6.51	355	88	40
2006	1395	52.914	-0.3081	76.27	465.37	30	4.19	1.81	6.58	4.06	1.32	6.8	356	88	41
2006	1396	52.967	0.0455	84.71	190.1	17	4.23	1.91	6.56	4.07	1.41	6.74	356	88	41
2006	1397	53.019	0.3999	81.67	108.33	3	4.36	2.2	6.57	4.2	1.9	6.36	357	89	41
2006	1398	53.07	0.7552	68	NA	1	4.88	2.99	6.78	4.6	2.63	6.47	357	89	41
2006	1419	51.7924	-5.3935	68.5	1012.5	2	5.86	3.51	8.15	5.11	2.84	7.35	368	94	45
2006	1420	51.8596	-5.0552	46.11	314.93	18	5.08	2.02	7.9	4.47	1.67	7.2	369	95	45
2006	1421	51.9258	-4.7158	45.8	243.75	25	4.34	1.59	7.05	3.79	1.12	6.46	369	95	45
2006	1422	51.9912	-4.3756	49	350.25	17	3.93	1.13	6.77	3.39	0.52	6.25	370	95	46
2006	1423	52.0555	-4.0343	61.6	400.04	10	3.72	1.38	6.07	2.97	0.46	5.4	370	95	46
2006	1424	52.119	-3.6921	71.8	241.89	15	3.33	0.83	5.84	2.55	-0.18	5.31	371	96	46
2006	1425	52.1815	-3.3489	74.84	266.25	37	3.45	1.01	5.91	2.69	-0.06	5.49	371	96	46
2006	1426	52.243	-3.0048	74.96	217.43	24	3.54	1.02	6.06	2.95	0.25	5.71	372	96	46
2006	1427	52.3036	-2.6598	79	61.13	31	3.7	1.29	6.19	3.14	0.5	5.89	372	96	46
2006	1428	52.3632	-2.3139	79.44	123.94	84	4.13	1.53	6.65	3.75	0.84	6.57	373	97	47
2006	1429	52.4219	-1.9671	79.91	112.52	338	4.03	1.77	6.26	3.53	0.92	6.05	373	97	47
2006	1430	52.4796	-1.6193	79.18	111.47	188	4.11	1.81	6.44	3.71	1.05	6.35	374	97	47
2006	1431	52.5363	-1.2707	81.55	88.79	191	3.91	1.46	6.31	3.62	0.79	6.4	374	97	47
2006	1432	52.5921	-0.9212	84.18	129.89	80	3.54	0.95	6.05	3.32	0.42	6.19	375	98	47
2006	1433	52.6468	-0.5709	82.92	183.48	38	4.05	1.72	6.37	3.75	0.99	6.51	375	98	47
2006	1434	52.7006	-0.2196	78.29	130.54	98	4.29	1.82	6.79	4.12	1.27	7.01	376	98	48
2006	1435	52.7533	0.1324	82.8	102.03	30	4.27	1.92	6.67	4.23	1.57	6.88	376	98	48
2006	1436	52.8051	0.4853	78.54	102.08	35	4.06	1.68	6.53	4.04	1.54	6.5	377	99	48
2006	1437	52.8559	0.839	85.43	143.49	14	4.12	1.91	6.37	3.97	1.62	6.33	377	99	48
2006	1438	52.9056	1.1934	83.54	93.9	52	4.44	2.45	6.44	4.2	2.07	6.33	378	99	48
2006	1439	52.9544	1.5487	89.5	115	4	4.95	3.24	6.71	4.66	2.79	6.47	378	99	48
2006	1459	51.6499	-4.9475	46.73	315.02	11	5.37	2.28	8.15	4.71	1.86	7.55	369	95	45
2006	1460	51.7159	-4.6095	60.47	466.84	15	4.88	1.98	7.67	4.27	1.48	7.13	369	95	45
2006	1461	51.7809	-4.2706	59.86	638.73	21	4.5	1.74	7.26	3.86	0.98	6.68	370	95	46
2006	1462	51.845	-3.9307	55.7	315.75	27	4.09	1.66	6.52	3.3	0.64	5.92	370	95	46
2006	1463	51.9082	-3.5899	68.17	759.77	6	3.6	1.16	5.92	2.52	-0.23	5.21	371	96	46
2006	1464	51.9704	-3.2481	67.74	310.09	19	3.62	1.24	5.95	2.6	-0.07	5.28	371	96	46
2006	1465	52.0317	-2.9054	76.94	162.64	32	4.16	1.54	6.8	3.56	0.73	6.37	372	96	46
2006	1466	52.092	-2.5618	74.39	178.6	46	4.17	1.57	6.79	3.62	0.83	6.42	372	96	46
2006	1467	52.1513	-2.2173	77.08	161.1	118	4.44	1.73	7.15	3.98	1.03	6.92	373	97	47
2006	1468	52.2097	-1.872	79.49	129.22	98	4.21	1.58	6.78	3.62	0.78	6.45	373	97	47
2006	1469	52.2672	-1.5257	78.06	147.73	109	4.17	1.58	6.68	3.66	0.81	6.46	374	97	47
2006	1470	52.3236	-1.1786	80.32	80.06	63	3.97	1.59	6.31	3.47	0.73	6.21	374	97	47
2006	1471	52.3791	-0.8306	82.74	113.72	106	3.9	1.46	6.35	3.52	0.75	6.33	375	98	47
2006	1472	52.4336	-0.4817	83.27	87.32	26	4.04	1.54	6.56	3.81	0.95	6.7	375	98	47
2006	1473	52.4871	-0.132	78	105.47	54	4.28	1.74	6.87	4.12	1.23	7.06	376	98	48
2006	1474	52.5396	0.2185	78.51	120.12	45	4.17	1.88	6.7	4.14	1.59	6.89	376	98	48
2006	1475	52.5912	0.5698	81.05	133.75	21	4.03	1.59	6.56	4.05	1.44	6.68	377	99	48

2006	1476	52.6417	0.9219	85.31	82.09	49	4.04	1.77	6.42	4.06	1.52	6.58	377	99	48
2006	1477	52.6912	1.2748	84.72	103.01	179	4.19	2.03	6.48	4.07	1.7	6.43	378	99	48
2006	1478	52.7397	1.6285	86.22	80.27	23	4.56	2.66	6.57	4.37	2.25	6.45	378	99	48
2006	1500	51.5706	-4.1665	52.94	403.88	36	5.29	2.95	7.67	4.56	2.07	7.06	390	95	46
2006	1501	51.6344	-3.828	50.43	339.17	53	4.69	2.22	7.22	3.91	1.31	6.54	390	95	46
2006	1502	51.6973	-3.4886	54.42	323.25	33	3.46	1.18	5.78	2.63	0.2	5.06	391	96	46
2006	1503	51.7592	-3.1482	67.21	382.36	53	3.51	1.27	5.88	2.63	0.21	5.16	391	96	46
2006	1504	51.8202	-2.8069	69.92	172.63	26	4.33	1.99	6.68	3.62	1.02	6.27	392	96	46
2006	1505	51.8803	-2.4648	70.96	186.59	80	4.44	1.94	7	3.78	1.05	6.55	392	96	46
2006	1506	51.9393	-2.1217	73.07	200.33	160	4.51	1.97	7.07	3.92	1.17	6.65	393	97	47
2006	1507	51.9975	-1.7778	77.76	56.19	25	4.26	1.66	6.83	3.66	0.76	6.51	393	97	47
2006	1508	52.0546	-1.433	77.57	176.25	44	3.91	1.44	6.34	3.28	0.47	6.05	394	97	47
2006	1509	52.1108	-1.0873	81.85	86.74	60	3.99	1.5	6.48	3.37	0.57	6.18	394	97	47
2006	1510	52.1661	-0.7408	82.28	148.07	109	4.15	1.71	6.58	3.69	0.92	6.45	395	98	47
2006	1511	52.2203	-0.3934	81.87	149.31	63	4.23	1.65	6.81	3.94	1.06	6.82	395	98	47
2006	1512	52.2736	-0.0453	79.77	156.08	119	4.41	1.85	6.94	4.26	1.49	7.03	396	98	48
2006	1513	52.3259	0.3037	78.85	105.76	61	4.25	1.74	6.8	4.15	1.4	6.92	396	98	48
2006	1514	52.3771	0.6535	82.55	150.67	11	4.1	1.7	6.65	3.97	1.29	6.71	397	99	48
2006	1515	52.4274	1.0041	88.16	28.47	25	4	1.64	6.32	3.75	0.97	6.31	397	99	48
2006	1516	52.4767	1.3555	84.03	61.86	37	4.08	1.92	6.48	3.89	1.34	6.48	398	99	48
2006	1517	52.525	1.7076	86.48	60.55	42	4.57	2.62	6.59	4.25	2.02	6.48	398	99	48
2006	153	60.0573	-1.2163	72.5	12.5	2	6.21	4.69	7.71	5.19	3.61	6.77	39	10	7
2006	1540	51.4237	-3.7263	49	241.69	14	4.78	2.18	7.44	3.99	1.43	6.65	390	95	46
2006	1541	51.4863	-3.3882	55.79	264.9	149	4.66	2.18	7.18	3.96	1.36	6.62	391	96	46
2006	1542	51.548	-3.0492	63.22	334.59	122	4.78	2.25	7.36	4.1	1.41	6.86	391	96	46
2006	1543	51.6087	-2.7094	66.14	225.86	86	4.79	2.4	7.27	3.99	1.36	6.67	392	96	46
2006	1544	51.6685	-2.3686	67.58	174.78	110	4.42	2	6.96	3.77	0.95	6.58	392	96	46
2006	1545	51.7273	-2.027	76.24	149.61	50	3.95	1.43	6.52	3.24	0.44	6.1	393	97	47
2006	1546	51.7851	-1.6845	83.41	108.35	22	4.06	1.51	6.63	3.35	0.51	6.23	393	97	47
2006	1547	51.842	-1.3411	81.47	104.52	90	4.31	1.82	6.79	3.54	0.75	6.35	394	97	47
2006	1548	51.898	-0.9969	81.16	173.33	43	4.08	1.58	6.58	3.44	0.62	6.26	394	97	47
2006	1549	51.953	-0.6519	80.86	148.34	133	4.06	1.66	6.49	3.49	0.81	6.07	395	98	47
2006	1550	52.007	-0.306	81.33	152.57	152	4.23	1.8	6.68	3.7	1.03	6.33	395	98	47
2006	1551	52.06	0.0407	84.11	92.22	83	4.22	1.63	6.8	4.03	1.22	6.81	396	98	48
2006	1552	52.112	0.3882	86	46.43	48	3.92	1.44	6.42	3.68	0.88	6.44	396	98	48
2006	1553	52.1631	0.7364	87.28	68.67	40	3.93	1.61	6.29	3.77	1.15	6.36	397	99	48
2006	1554	52.2131	1.0855	87.98	29.93	43	4.03	1.78	6.34	3.81	1.17	6.39	397	99	48
2006	1555	52.2622	1.4353	80.78	422.72	27	4.31	2.12	6.6	3.92	1.29	6.56	398	99	48
2006	1556	52.3103	1.7859	87.25	70.79	8	4.79	2.95	6.68	4.34	2.13	6.53	398	99	48
2006	1576	51.0204	-4.6302	39	811	3	5.21	3.13	7.21	3.98	2.39	6.17	409	105	45
2006	1577	51.0855	-4.2962	46.16	319.36	32	5.36	2.74	8.03	4.53	2.03	7.18	409	105	45
2006	1578	51.1497	-3.9613	42.42	361.97	52	4.82	2.4	7.33	3.99	1.62	6.38	410	105	46
2006	1579	51.2129	-3.6255	55.1	107.43	10	5.85	3.73	7.93	5.15	2.76	7.56	410	105	46
2006	1580	51.2752	-3.2888	51.25	138.25	4	5.08	2.82	7.32	4.08	1.87	6.35	411	106	46
2006	1581	51.3366	-2.9512	65.97	236.81	130	5.02	2.57	7.63	4.25	1.56	6.99	411	106	46
2006	1582	51.3971	-2.6127	64.7	234.75	341	4.78	2.24	7.42	4	1.22	6.79	412	106	46
2006	1583	51.4566	-2.2733	70.2	236.39	134	4.39	1.77	7.03	3.56	0.68	6.47	412	106	46
2006	1584	51.5151	-1.9331	79.86	111.31	88	4.24	1.66	6.8	3.42	0.48	6.37	413	107	47
2006	1585	51.5727	-1.592	79.71	90.91	58	4.2	1.59	6.78	3.37	0.42	6.33	413	107	47
2006	1586	51.6294	-1.2501	81.55	154.63	100	4.38	1.73	7.05	3.58	0.61	6.56	414	107	47
2006	1587	51.6851	-0.9074	80.6	112.9	104	4.04	1.73	6.34	3.24	0.62	5.89	414	107	47
2006	1588	51.7398	-0.5638	80.47	112.74	214	4.05	1.69	6.41	3.33	0.65	5.96	415	108	47
2006	1589	51.7935	-0.2194	81	119.65	269	4.23	1.83	6.63	3.64	0.94	6.33	415	108	47
2006	1590	51.8463	0.1258	84.66	110.29	97	4.08	1.61	6.56	3.77	1.01	6.5	416	108	48
2006	1591	51.8981	0.4718	83.02	99.87	57	4.04	1.77	6.31	3.8	1.24	6.34	416	108	48
2006	1592	51.9489	0.8185	82.48	120.54	124	4.11	1.71	6.52	3.96	1.28	6.6	417	109	48
2006	1593	51.9988	1.1661	85.52	81.02	120	4.3	2.13	6.51	4.1	1.58	6.61	417	109	48
2006	1594	52.0476	1.5143	85.95	72.37	20	4.58	2.62	6.57	4.26	1.92	6.58	418	109	48
2006	1614	50.7446	-4.8581	41.67	789.33	3	5.17	2.92	7.36	4.26	2.06	6.39	408	104	45
2006	1615	50.8104	-4.5264	37.81	489.96	32	4.89	2.31	7.56	3.99	1.49	6.63	409	105	45
2006	1616	50.8752	-4.1937	45	411.68	38	4.69	2.02	7.4	3.76	1.11	6.55	409	105	45
2006	1617	50.9391	-3.8601	52.28	282.02	32	4.34	1.9	6.81	3.33	0.8	5.99	410	105	46
2006	1618	51.002	-3.5257	54.85	193.82	26	3.99	1.58	6.41	3.09	0.55	5.71	410	105	46
2006	1619	51.0641	-3.1903	59.18	233.7	113	4.82	2.02	7.69	3.83	1.06	6.74	411	106	46
2006	1620	51.1252	-2.854	63.92	261.49	90	4.91	2.17	7.8	4.09	1.17	7.1	411	106	46

2006	1621	51.1854	-2.5169	69.36	306.09	72	4.2	1.73	6.75	3.31	0.61	6.05	412	106	46
2006	1622	51.2446	-2.179	69.43	197.62	123	4.23	1.5	6.96	3.42	0.41	6.44	412	106	46
2006	1623	51.3029	-1.8401	73.5	190.48	46	3.8	1.16	6.46	2.92	0	5.86	413	107	47
2006	1624	51.3603	-1.5005	80.46	148.2	35	3.86	1.26	6.5	3.03	0.14	5.94	413	107	47
2006	1625	51.4167	-1.16	77.3	157.83	101	4.26	1.64	6.9	3.48	0.61	6.36	414	107	47
2006	1626	51.4721	-0.8186	77.24	123.23	186	4.56	1.99	7.12	3.81	1.02	6.64	414	107	47
2006	1627	51.5266	-0.4765	79.45	180.83	272	4.86	2.41	7.3	4.15	1.4	6.91	415	108	47
2006	1628	51.5801	-0.1336	80.36	218.24	267	5.02	2.72	7.33	4.39	1.77	7.03	415	108	47
2006	1629	51.6326	0.2101	78.85	151.96	141	4.42	2.04	6.86	4.01	1.32	6.73	416	108	48
2006	1630	51.6842	0.5546	79.26	139.24	152	4.24	1.92	6.59	4.02	1.41	6.6	416	108	48
2006	1631	51.7348	0.8999	84.2	79.69	35	4.46	2.35	6.58	4.23	1.86	6.59	417	109	48
2006	1632	51.7844	1.2459	84.52	69.99	23	4.23	2.34	6.19	4.2	2.07	6.3	417	109	48
2006	1652	50.4684	-5.0835	43.33	590.5	9	5.92	3.49	8.36	5.03	2.68	7.43	428	104	52
2006	1653	50.5348	-4.754	45.45	465.59	31	4.86	2.37	7.34	4.06	1.58	6.51	428	104	52
2006	1654	50.6002	-4.4235	47.68	302	37	4.68	1.91	7.5	3.79	1.05	6.57	429	105	52
2006	1655	50.6648	-4.0921	47.16	408.62	38	4.15	1.89	6.42	3	0.6	5.47	429	105	52
2006	1656	50.7284	-3.7598	49.4	469.66	35	4.54	2.13	6.96	3.4	0.79	6.07	430	105	53
2006	1657	50.7911	-3.4267	56.26	263.44	123	4.84	2.17	7.54	3.78	0.92	6.7	430	105	53
2006	1658	50.8529	-3.0927	66.4	351.42	52	4.45	1.97	7.08	3.43	0.84	6.19	431	106	53
2006	1659	50.9137	-2.7578	68.05	220.84	86	4.67	1.9	7.48	3.71	0.85	6.7	431	106	53
2006	1660	50.9736	-2.422	66.71	346.9	56	4.39	1.56	7.23	3.44	0.43	6.52	432	106	53
2006	1661	51.0326	-2.0854	67.65	93.2	26	4.2	1.39	6.99	3.2	0.24	6.26	432	106	53
2006	1662	51.0906	-1.748	63.59	180.04	70	4.16	1.42	6.93	3.32	0.33	6.35	433	107	54
2006	1663	51.1477	-1.4097	67.1	188.97	67	4.37	1.62	7.13	3.6	0.65	6.57	433	107	54
2006	1664	51.2039	-1.0707	72.3	149.32	98	4.14	1.47	6.76	3.32	0.44	6.19	434	107	54
2006	1665	51.259	-0.7308	77.02	150.91	175	4.45	1.75	7.12	3.69	0.76	6.6	434	107	54
2006	1666	51.3133	-0.3901	75.58	215.43	261	4.96	2.56	7.33	4.22	1.53	6.89	435	108	54
2006	1667	51.3665	-0.0486	76.25	186.07	420	5	2.77	7.26	4.34	1.76	6.9	435	108	54
2006	1668	51.4188	0.2937	76.89	185.23	207	4.79	2.51	7.12	4.27	1.72	6.83	436	108	55
2006	1669	51.4702	0.6367	76.83	163.43	145	4.71	2.6	6.78	4.34	1.96	6.72	436	108	55
2006	1670	51.5205	0.9804	75.5	199	4	4.97	3.1	6.81	4.5	2.38	6.63	437	109	55
2006	1687	49.9856	-6.283	17	NA	1	8	6.22	9.49	7.12	5.26	8.52	426	103	51
2006	1689	50.124	-5.6328	43.63	845.09	27	6.17	3.88	8.45	5.42	3.34	7.42	427	104	52
2006	1690	50.1918	-5.3064	41.35	437.54	79	5.8	3.3	8.29	4.95	2.59	7.4	427	104	52
2006	1691	50.2588	-4.979	38.57	435.6	69	5.64	2.75	8.55	4.78	2.13	7.53	428	104	52
2006	1692	50.3249	-4.6507	57.07	335.12	41	5.31	2.75	7.94	4.29	1.85	6.79	428	104	52
2006	1693	50.39	-4.3215	46.56	466.36	88	5.14	2.59	7.74	4.09	1.5	6.73	429	105	52
2006	1694	50.4543	-3.9914	44.32	373.75	116	4.85	2.4	7.4	3.64	1.07	6.34	429	105	52
2006	1695	50.5176	-3.6605	53.98	389.79	127	5.72	3.3	8.16	4.36	1.79	6.93	430	105	53
2006	1696	50.58	-3.3286	58.27	240.1	59	5.51	3.14	7.94	4.25	1.63	6.88	430	105	53
2006	1697	50.6415	-2.9959	73	386.46	14	4.6	2.26	7.52	3.6	0.92	6.31	431	106	53
2006	1698	50.7021	-2.6624	64.92	318.33	25	4.79	2.2	7.66	3.78	1.06	6.61	431	106	53
2006	1699	50.7618	-2.328	65.98	238.63	50	4.57	1.65	7.49	3.6	0.62	6.65	432	106	53
2006	1700	50.8205	-1.9928	59.59	284.24	264	4.98	2.14	7.88	4.08	1.03	7.1	432	106	53
2006	1701	50.8783	-1.6567	57.48	228.91	77	4.85	2.04	7.73	4	0.98	7.02	433	107	54
2006	1702	50.9351	-1.3198	63.26	277.47	270	5.03	2.28	7.79	4.2	1.31	7.07	433	107	54
2006	1703	50.991	-0.9822	69.71	242.24	115	4.42	1.58	7.3	3.57	0.51	6.7	434	107	54
2006	1704	51.0459	-0.6437	78.67	200.37	42	4.19	1.44	6.97	3.25	0.28	6.46	434	107	54
2006	1705	51.0999	-0.3044	74.57	234.97	103	4.24	1.61	6.87	3.6	0.77	6.43	435	108	54
2006	1706	51.1529	0.0356	76.71	192.09	70	4.16	1.54	6.78	3.54	0.71	6.26	435	108	54
2006	1707	51.205	0.3764	76.63	171.66	148	4.24	1.73	6.76	3.8	1.14	6.39	436	108	55
2006	1708	51.2561	0.718	78.43	123.19	67	4.48	2.31	6.65	4.01	1.59	6.43	436	108	55
2006	1709	51.3062	1.0603	75.93	136.32	104	4.76	2.82	6.69	4.35	2.09	6.61	437	109	55
2006	1710	51.3554	1.4033	75.21	198.07	42	4.92	3.34	6.54	4.54	2.63	6.46	437	109	55
2006	1729	49.9824	-5.2015	24.5	24.5	2	5.85	3.32	8.44	4.93	2.58	7.32	447	114	52
2006	1733	50.2437	-3.8916	40.5	241.62	26	5.7	3.24	8.23	4.3	1.57	7.16	449	115	52
2006	1734	50.3068	-3.5619	49.34	476.33	41	6.41	4.12	8.74	4.9	2.42	7.41	450	115	53
2006	1737	50.4905	-2.5679	64.71	331.45	14	5.51	3.02	8.07	4.51	1.91	7.15	451	116	53
2006	1738	50.5499	-2.2348	56	48	3	5.16	2.53	7.83	4.03	1.35	6.68	452	116	53
2006	1739	50.6083	-1.9009	55.74	346.81	34	5.41	2.82	7.99	4.35	1.59	7.06	452	116	53
2006	1740	50.6658	-1.5663	61.36	228.87	45	5.06	2.42	7.76	4.13	1.32	6.92	453	117	54
2006	1741	50.7224	-1.2308	63.61	245.54	89	5.55	3.23	7.89	4.58	2.2	6.95	453	117	54
2006	1742	50.7781	-0.8945	68.34	212.44	122	4.95	2.35	7.59	4.14	1.38	6.9	454	117	54
2006	1743	50.8328	-0.5574	71.18	226.12	115	4.82	2.3	7.36	3.97	1.33	6.59	454	117	54
2006	1744	50.8865	-0.2196	69.58	241.23	214	4.65	2.33	7.06	3.83	1.3	6.38	455	118	54

2006	1745	50.9393	0.119	70.71	313.28	107	4.49	1.95	7.02	3.89	1.17	6.61	455	118	54
2006	1746	50.9911	0.4584	79	310.22	19	4.25	1.75	6.78	3.81	1.1	6.5	456	118	55
2006	1747	51.042	0.7985	76.59	159.05	41	4.28	2.08	6.51	3.94	1.58	6.32	456	118	55
2006	1748	51.0919	1.1393	78.17	129.55	48	4.06	2.16	6.02	3.69	1.44	5.94	457	119	55
2006	1749	51.1408	1.4809	71.29	159.68	31	4.81	3.16	6.48	4.44	2.35	6.53	457	119	55
2006	1780	50.5097	-1.1425	72.25	291.07	8	5.59	3.47	7.73	4.49	2.26	6.71	453	117	54
2006	1783	50.673	-0.1355	79.2	349.2	5	5.17	3.12	7.16	4.08	1.85	6.28	455	118	54
2006	1784	50.7256	0.2017	72.35	157.36	65	5.14	2.84	7.42	4.37	1.82	6.87	455	118	54
2006	1785	50.7772	0.5396	69.02	204.8	65	4.67	2.75	6.67	4.12	1.96	6.27	456	118	55
2006	264	59.068	-3.3283	77	NA	1	4.94	2.64	7.22	4.18	1.82	6.53	76	18	13
2006	294	58.2582	-6.7684	49	NA	1	5.24	2.78	7.79	4.98	2.52	7.52	71	16	11
2006	295	58.329	-6.3784	66.67	342.33	3	5.54	3.2	7.88	5.03	2.76	7.34	72	16	11
2006	304	58.9182	-2.8039	78	NA	1	5.39	3.21	7.51	4.88	2.74	7.02	76	18	13
2006	333	58.0504	-6.6316	70	NA	1	5.86	3.48	8.23	5.47	3.08	7.86	91	26	11
2006	339	58.4573	-4.2807	77	NA	1	4.22	1.27	7.35	3.49	0.2	6.7	94	27	12
2006	340	58.5213	-3.884	89	78.67	4	4.65	1.63	7.69	4.04	0.86	7.15	95	28	12
2006	341	58.5843	-3.4859	75.43	98.62	7	4.51	1.72	7.37	3.99	0.98	7.02	95	28	12
2006	342	58.6461	-3.0865	75	NA	1	4.38	1.69	7.2	4.11	1.22	6.94	96	28	13
2006	375	58.0496	-5.3326	86.67	226.67	6	5.68	3.04	8.34	4.99	2.24	7.72	93	27	12
2006	380	58.3735	-3.3653	78	2	2	3.58	0.89	6.25	3.01	0.42	5.76	95	28	12
2006	381	58.435	-2.9678	83	NA	1	4.58	1.71	7.45	4.2	1.27	7.09	96	28	13
2006	410	57.5635	-6.746	46.5	4.5	2	6.14	4.21	7.95	5.36	3.25	7.49	111	26	11
2006	413	57.7728	-5.5917	71	341.5	5	5.46	2.95	8.03	4.86	2.24	7.5	112	26	11
2006	414	57.8404	-5.2041	67	67.5	5	4.79	2.17	7.3	4.07	1.38	6.68	113	27	12
2006	416	57.9725	-4.4249	73.67	222.5	9	3.23	-0.17	6.52	2.72	-1.03	6.42	114	27	12
2006	417	58.037	-4.0333	91.5	0.5	2	3.06	-0.23	6.41	2.61	-1.01	6.22	114	27	12
2006	418	58.1004	-3.6404	74	NA	1	3.64	0.93	6.39	2.84	-0.07	5.88	115	28	12
2006	449	57.3556	-6.6121	59.33	121.87	6	5.24	3.04	7.41	4.55	2.06	7.14	111	26	11
2006	450	57.4261	-6.2305	69.67	316.33	3	5.91	3.63	8.18	5.27	2.59	8.03	111	26	11
2006	451	57.4955	-5.8474	78	NA	1	5.77	3.69	7.86	5.11	2.59	7.61	112	26	11
2006	452	57.5638	-5.463	86	NA	1	3.87	0.83	6.96	3.36	0.03	6.79	112	26	11
2006	456	57.8267	-3.9118	87	98	2	4.26	1.25	7.31	3.56	0.63	7.39	114	27	12
2006	489	57.2177	-6.0998	60	162	2	4.26	1.74	6.64	3.65	1.06	6.08	131	36	18
2006	490	57.2867	-5.7184	65	259	3	5.41	2.79	8.1	4.9	2	7.96	132	36	18
2006	491	57.3547	-5.3357	46	NA	1	4.86	1.68	8.13	4.5	0.98	8.13	132	36	18
2006	493	57.4876	-4.5663	84.33	119.53	18	3.24	-0.24	6.78	3.1	-0.59	6.78	133	37	19
2006	494	57.5524	-4.1796	75.35	157.99	17	4.27	1.22	7.4	3.85	0.47	7.16	134	37	19
2006	495	57.6162	-3.7917	79.71	232.9	7	4.31	1.24	7.4	3.84	0.54	7.16	134	37	19
2006	496	57.6789	-3.4024	91.88	73.84	8	4.51	1.5	7.58	3.96	0.74	7.27	135	38	19
2006	497	57.7406	-3.0119	66	8	2	4.72	2.17	7.27	4.09	1.45	6.76	135	38	19
2006	531	57.2121	-4.8276	85.5	87	4	2.76	-0.25	5.57	2.3	-1.04	5.61	133	37	19
2006	532	57.2777	-4.444	80.29	21.57	7	3.33	-0.16	6.68	2.88	-0.76	6.52	133	37	19
2006	533	57.3422	-4.0591	84.5	60.5	2	2.95	-0.28	6.13	2.58	-0.97	5.89	134	37	19
2006	534	57.4057	-3.6729	90.33	44.33	3	2.47	-0.65	5.7	1.96	-1.34	5.39	134	37	19
2006	535	57.4681	-3.2855	94.17	93.77	6	3.34	0.3	6.39	2.75	-0.59	6.05	135	38	19
2006	536	57.5294	-2.8968	80	37.5	5	3.14	0.1	6.27	2.68	-0.61	6.02	135	38	19
2006	537	57.5896	-2.5069	80.5	134	8	3.79	1.01	6.65	3.45	0.47	6.4	136	38	20
2006	538	57.6487	-2.1157	84.67	10.33	3	3.93	1.56	6.47	3.21	0.41	5.45	136	38	20
2006	567	56.8005	-5.8428	40.17	146.97	6	4.76	2.35	7.11	4.09	1.12	6.97	151	36	18
2006	569	56.9362	-5.0855	75.44	151.28	9	3.75	0.68	6.87	3.82	0.29	7.23	152	36	18
2006	570	57.0025	-4.705	86	NA	1	1.38	-0.95	4.06	0.94	-1.78	3.69	153	37	19
2006	572	57.1319	-3.9399	86	0	3	2.34	-0.89	5.73	1.91	-1.71	5.69	154	37	19
2006	573	57.195	-3.5556	81.5	12.5	2	2.03	-1	5.3	1.47	-1.85	5.12	154	37	19
2006	575	57.3181	-2.783	89.42	145.17	12	3.23	0.16	6.3	2.7	-0.53	6.04	155	38	19
2006	576	57.378	-2.395	85.88	45.05	16	3.69	0.82	6.59	3.29	0.12	6.42	156	38	20
2006	577	57.4368	-2.0057	83	102	4	4.32	1.93	6.82	3.8	1	6.29	156	38	20
2006	605	56.5227	-6.0915	68.5	4.5	2	4.14	2.02	6.49	3.92	1.04	6.77	151	36	18
2006	607	56.6598	-5.3402	69.67	65.33	3	3.99	1.11	6.82	3.98	0.63	7.29	152	36	18
2006	608	56.7267	-4.9625	77	356.8	6	1.9	-0.57	4.39	1.76	-1.06	4.34	152	36	18
2006	612	56.9842	-3.4395	86	NA	1	2.31	-0.96	5.62	1.62	-1.9	5.13	154	37	19
2006	613	57.046	-3.0557	87.67	8.33	3	2.74	-0.37	6.02	2.12	-1.03	5.38	155	38	19
2006	614	57.1067	-2.6706	95.6	104.27	10	3.24	0.22	6.3	2.65	-0.55	5.89	155	38	19
2006	615	57.1663	-2.2844	83.51	195.08	35	4.27	1.54	6.98	3.7	0.78	6.61	156	38	20
2006	645	56.3828	-5.5915	56.17	326.97	6	4.82	2.36	7.27	4.77	1.79	7.74	171	46	18
2006	646	56.4505	-5.2168	68.83	478.97	6	4.36	1.96	6.75	4.21	1.34	7.1	172	46	18

2006	649	56.6474	-4.0853	80	68.67	4	1.81	-0.99	4.66	1.82	-1.39	4.84	173	47	19
2006	650	56.7109	-3.7056	86	NA	1	3.13	-0.01	6.4	3.4	-0.1	6.88	174	47	19
2006	653	56.8952	-2.5594	91.33	86.33	3	3.63	1	6.37	3.23	0.3	6.12	175	48	19
2006	654	56.9544	-2.175	83.57	44.62	7	4.15	1.58	6.82	3.91	1.21	6.65	176	48	20
2006	684	56.1738	-5.4679	55.89	257.11	9	4.44	1.88	7.03	4.48	1.43	7.54	171	46	18
2006	685	56.2411	-5.0949	71.71	634.57	7	3.71	1.09	6.31	4.04	0.76	7.04	172	46	18
2006	686	56.3075	-4.7206	33	NA	1	4.53	1.93	7.12	4.45	1.38	7.32	172	46	18
2006	688	56.437	-3.9684	87.67	292.33	3	2.74	-0.3	5.93	2.83	-0.4	6.14	173	47	19
2006	689	56.5002	-3.5904	86.5	257.9	6	3.05	-0.03	6.17	3.01	-0.2	6.28	174	47	19
2006	690	56.5624	-3.2113	89.17	22.97	6	2.62	-0.2	5.63	2.64	-0.42	5.78	174	47	19
2006	691	56.6235	-2.831	89.11	427.11	9	3.63	0.75	6.43	3.4	0.39	6.42	175	48	19
2006	692	56.6836	-2.4495	94	523.33	7	4.32	1.67	6.88	3.9	1.21	6.64	175	48	19
2006	720	55.7576	-6.4524	76	NA	1	5.72	3.05	8.4	5.19	1.97	8.45	190	45	25
2006	722	55.8966	-5.7158	45	NA	1	5.42	2.57	8.18	5.31	2.13	8.48	191	46	25
2006	723	55.9647	-5.3457	49.7	277.12	10	4.64	2.06	7.14	4.57	1.66	7.49	191	46	25
2006	724	56.0317	-4.9743	56.31	301.1	26	4.22	1.73	6.72	4.23	1.39	7.09	192	46	25
2006	725	56.0977	-4.6016	73.85	340.14	13	3.74	1.15	6.29	3.82	0.82	6.81	192	46	25
2006	726	56.1626	-4.2278	78.86	219.05	14	3.24	0.51	6.02	3.45	0.33	6.58	193	47	26
2006	727	56.2266	-3.8527	86.41	188.44	22	3.2	0.36	6.17	3.34	0.35	6.41	193	47	26
2006	728	56.2894	-3.4765	92.13	187.85	16	3.27	0.28	6.27	3.3	0.18	6.46	194	47	26
2006	729	56.3513	-3.0991	86.13	100.11	24	3.96	1.19	6.76	3.95	1.05	6.87	194	47	26
2006	730	56.4121	-2.7205	85	159.33	25	4.38	1.77	6.88	4.32	1.52	7.01	195	48	26
2006	75	60.482	-1.4478	93	NA	1	5.97	4	8.05	4.56	2.5	6.56	19	10	7
2006	761	55.6877	-5.5933	40.5	684.5	2	5.81	3.37	8.22	5.48	2.63	8.33	191	46	25
2006	762	55.7554	-5.2247	35	NA	1	5.84	3.4	8.24	5.54	2.73	8.41	191	46	25
2006	763	55.8221	-4.8549	74.73	255.64	15	4.7	2.18	7.23	4.62	1.79	7.45	192	46	25
2006	764	55.8877	-4.4839	76.63	132.74	49	4.2	1.54	6.86	4.37	1.32	7.45	192	46	25
2006	765	55.9524	-4.1117	81.56	295.33	27	3.58	0.96	6.28	3.83	0.79	6.89	193	47	26
2006	766	56.016	-3.7384	79.1	172.37	30	4.25	1.56	7	4.45	1.6	7.35	193	47	26
2006	767	56.0786	-3.3638	80.71	58.82	24	3.83	1.19	6.57	3.99	1.24	6.79	194	47	26
2006	768	56.1401	-2.9881	86.69	168.9	13	3.86	1.34	6.55	3.88	1.17	6.61	194	47	26
2006	769	56.2006	-2.6113	83.5	40.5	2	4.33	2.15	6.55	4.03	1.74	6.3	195	48	26
2006	799	55.4103	-5.8378	81	NA	1	4.91	2.8	7.31	4.45	1.81	7.11	210	55	25
2006	800	55.4787	-5.4721	59.5	148.7	6	5.85	3.49	8.37	5.52	2.59	8.52	211	56	25
2006	801	55.546	-5.1051	64.4	338.8	5	5.77	3.29	8.25	5.55	2.55	8.56	211	56	25
2006	802	55.6124	-4.7369	69.57	562.95	7	4.42	1.66	7.19	4.45	1.32	7.6	212	56	25
2006	803	55.6777	-4.3675	84.76	151.11	25	4.03	1.26	6.76	4.24	1.15	7.26	212	56	25
2006	804	55.742	-3.997	80.18	293.68	22	3.67	0.99	6.33	3.89	0.9	6.87	213	57	26
2006	805	55.8053	-3.6253	83.6	218.54	15	3.36	0.69	6.05	3.43	0.55	6.32	213	57	26
2006	806	55.8676	-3.2524	82.68	168.58	95	4.3	1.72	6.9	4.4	1.81	7.06	214	57	26
2006	807	55.9288	-2.8784	84.8	204.46	15	4.35	1.8	6.97	4.27	1.79	6.79	214	57	26
2006	808	55.989	-2.5033	75.33	187.07	6	4.74	2.35	7.17	4.58	2.28	6.92	215	58	26
2006	841	55.4025	-4.6201	76.21	144.95	14	4.49	1.72	7.24	4.52	1.38	7.63	212	56	25
2006	842	55.4676	-4.2523	86.71	245.57	7	3.37	0.53	6.2	3.55	0.45	6.66	212	56	25
2006	843	55.5316	-3.8834	82.43	132.95	7	2.52	-0.1	5.12	2.58	-0.21	5.37	213	57	26
2006	844	55.5946	-3.5133	76.5	112.5	2	2.83	0.21	5.29	2.83	0.03	5.59	213	57	26
2006	845	55.6565	-3.1422	88	90.93	16	2.79	0	5.61	2.82	-0.02	5.68	214	57	26
2006	846	55.7175	-2.7698	85.78	75.19	9	2.94	0.22	5.68	2.93	0.21	5.68	214	57	26
2006	847	55.7773	-2.3964	94.67	126.33	3	3.57	0.9	6.26	3.7	1.11	6.37	215	58	26
2006	848	55.8362	-2.0219	91	94.5	5	3.92	1.33	6.57	4.05	1.63	6.51	215	58	26
2006	880	55.1926	-4.5045	75	292	3	3.35	0.58	6.07	3.5	0.38	6.62	232	56	25
2006	882	55.321	-3.7711	88.43	11.62	7	2.88	0.04	5.61	3.02	0	5.94	233	57	26
2006	883	55.3837	-3.4026	90	18	2	2.5	-0.01	5.14	2.67	-0.03	5.46	233	57	26
2006	885	55.506	-2.6624	88.35	99.12	17	3.12	0.24	6	3.31	0.43	6.21	234	57	26
2006	886	55.5656	-2.2907	81.6	81.3	5	3.68	0.84	6.46	3.89	1.1	6.7	235	58	26
2006	887	55.6241	-1.9179	80.4	79.3	5	3.79	0.89	6.69	3.98	0.86	7.01	235	58	26
2006	917	54.8508	-5.1159	71.29	574.57	7	5	2.28	7.79	5.08	1.99	8.14	231	56	25
2006	918	54.9172	-4.7536	65	361	3	3.58	0.82	6.36	3.63	0.56	6.72	231	56	25
2006	919	54.9826	-4.3902	65.14	664.14	7	4.25	1.55	6.96	4.51	1.43	7.54	232	56	25
2006	920	55.047	-4.0256	82	125.33	4	3.39	0.5	6.3	3.69	0.44	6.95	232	56	25
2006	921	55.1103	-3.6599	75.5	193.21	22	3.89	1.23	6.45	4.23	1.34	7.14	233	57	26
2006	922	55.1727	-3.2931	74	206.5	9	3.41	0.75	6.09	3.69	0.83	6.61	233	57	26
2006	923	55.2341	-2.9252	73	8	2	2.99	0.16	5.84	3.32	0.4	6.26	234	57	26
2006	924	55.2944	-2.5562	84	NA	1	1.58	-1.03	4.26	1.88	-0.59	4.43	234	57	26
2006	925	55.3537	-2.1861	71	450	2	2.4	-0.31	5.12	2.7	0.1	5.28	235	58	26

2006	926	55.412	-1.815	86.42	339.9	12	3.58	0.73	6.43	3.84	0.92	6.72	235	58	26
2006	957	54.7073	-4.6389	50.5	60.5	2	4.65	2.07	7.21	4.84	1.96	7.7	251	66	32
2006	958	54.7724	-4.277	65.6	395.3	5	4.06	1.64	6.53	4.18	1.36	6.97	252	66	32
2006	959	54.8365	-3.914	79	218.4	11	3.81	1.25	6.4	4.08	1.09	6.89	252	66	32
2006	960	54.8996	-3.5499	58.5	180.5	2	3.74	1.18	6.28	4.03	1.18	6.81	253	67	33
2006	961	54.9617	-3.1847	86.75	124.5	8	3.68	0.99	6.44	4.03	1.18	6.99	253	67	33
2006	962	55.0227	-2.8184	75.41	388.39	29	3.78	1.16	6.34	4.02	1.24	6.76	254	67	33
2006	963	55.0828	-2.4511	87.75	81.07	8	2.81	0.16	5.41	3.01	0.39	5.61	254	67	33
2006	964	55.1418	-2.0827	84.6	276.8	5	2.84	0.07	5.73	3.21	0.48	5.97	255	68	33
2006	965	55.1998	-1.7133	80.17	141.45	24	4.41	1.92	6.89	4.66	2.22	7.09	255	68	33
2006	998	54.6259	-3.8036	78	1352	2	3.85	1.57	6.04	4.13	1.57	6.64	252	66	32
2006	999	54.6887	-3.4411	75.44	429.67	25	3.95	1.34	6.45	4.3	1.35	7.07	253	67	33