

Date	Heure	UTC	Lat	Long	Prof	Mag	Nb	Gap	Dmin	RMS	EH	EZ
aammjj	hhmm	ss.ss	dd-mm.mm	dd-mm.mm	km			°	km	s	km	km
890117	2018	14.62	43-23.79	5-26.84	8.03	2.81	69	124	2.3	.88	2.0	1.3 c1
890120	1414	1.69	44-22.44	7-18.84	8.33	2.68	75	67	14.3	.65	1.0	1.5 c1
890122	1158	33.77	44-32.91	6-50.62	6.47	2.66	83	78	7.9	.45	.7	.9 b1
890122	1721	49.15	44-32.78	6-50.39	6.41	2.06	71	79	7.6	.34	.5	.9 b1
890123	554	57.44	44-32.77	6-50.12	7.40	2.22	75	79	5.9	.40	.6	.8 b1
890123	14 8	32.44	44-32.66	6-50.17	9.24	2.13	54	85	7.3	.32	.6	.9 b1
890125	316	57.68	44-33.06	6-50.36	7.04	2.53106	66	5.3		.50	.6	.9 c1
890125	1217	37.41	44-32.71	6-50.09	8.56	2.22	70	79	6.0	.48	.8	1.0 b1
890125	2128	49.75	43-25.10	5-26.48	7.72	2.55	59	93	4.1	.61	1.5	1.1 c1
890204	2137	59.14	44-23.69	7-17.47	5.33	2.46	82	81	16.8	.69	1.1	1.4 d1
890217	1356	10.29	43-24.60	5-26.62	7.40	2.66	66	90	3.3	.63	1.4	1.1 c1
890227	2027	9.14	43-25.67	5-27.10	6.84	2.49	30	107	5.4	.45	1.4	1.9 c1
890303	1844	40.33	43-24.34	5-26.49	8.70	2.48	35	114	2.8	.38	1.2	1.0 c1
890306	1648	40.60	43-25.04	5-26.44	9.53	2.64	35	93	4.0	.52	1.6	1.4 c1
890308	9 1	36.24	43-25.08	5-26.64	9.27	2.48	37	94	4.1	.43	1.3	1.1 c1
890311	1842	47.47	45-40.55	6-48.17	5.72	3.01114	86	18.6		.95	1.2	1.5 d1
890321	1247	13.38	43-24.75	5-26.74	8.78	2.43	39	100	3.6	.43	1.3	1.1 c1
890407	433	1.40	43-25.19	5-26.88	9.27	2.71	67	97	4.5	.66	1.5	1.0 c1
890417	547	26.28	45-13.57	7-30.46	3.48	3.01114	89	20.9		.78	1.1	1.6 d1
890426	1633	9.29	44-33.99	7- .52	3.77	2.46	88	58	10.8	.48	.6	1.2 c1
890505	944	21.16	44-28.97	7-17.41	10.46	2.28	68	88	14.1	.42	.6	1.2 c1
890522	2016	18.66	44- 1.75	7-38.78	8.71	2.32	52	74	8.7	.40	.7	1.1 b1
890528	1156	29.19	44-38.08	7-17.30	10.27	3.02	90	92	19.7	.40	.6	.7 c1
890603	020	18.40	44-16.31	6-45.18	9.97	2.30	72	30	23.7	.37	.5	1.0 c1
890629	418	47.33	43-40.61	7-32.62	4.10	2.29	46	107	16.1	.82	2.3	4.3 d1
890807	425	39.46	45-11.13	7-29.33	2.19	2.52	95	89	18.0	.94	1.2	1.9 d1
890808	318	36.97	44-40.90	6-31.91	2.56	2.19	71	89	27.3	.60	.9	2.3 d1
890924	1650	10.18	44-33.80	6-49.76	7.62	2.12	73	97	23.6	.39	.6	1.4 c1
890924	1652	25.02	44-34.16	6-50.36	8.15	2.48	89	87	10.1	.44	.6	.9 b1
890925	1114	7.64	44-34.29	6-50.72	1.79	2.13	52	96	22.7	.36	.7	1.9 c1
890929	839	46.52	44-28.43	7-17.27	8.08	2.18	59	92	14.1	.32	.5	1.6 c1
891002	312	5.01	44-33.97	6-50.07	14.24	2.09	44	104	9.6	.31	.7	1.1 c1
891012	16 6	40.48	43-25.12	5-28.07	17.19	2.39	33	99	5.2	.54	1.9	1.3 c1
891030	1124	5.70	44-37.22	7-14.86	8.40	3.22126	54	16.4		.45	.5	.7 c1
891201	1931	31.00	44-30.53	6-32.71	10.87	2.43	99	43	20.6	.73	.8	1.4 c1
891202	856	30.69	44-43.07	7-14.07	16.08	2.06	34	71	25.3	.32	.7	2.3 c1
891213	8 8	13.85	44-48.09	6-44.22	2.54	2.59116	35	13.4		.61	.6	.9 d1
891226	1959	58.21	43-30.68	7-31.60	17.57	3.67135	110	28.9		.63	1.2	.7 c1
900117	243	51.29	44-24.64	7-26.27	5.43	2.37	74	63	20.2	.67	.9	2.1 d1
900118	327	7.33	46- 6.48	6-27.03	9.32	2.02	62	106	18.5	.62	1.1	1.4 c1
900120	1925	19.73	45- 8.20	7- 8.64	2.69	2.70127	38	9.6		.80	.9	1.6 c1
900130	812	13.01	43-24.05	5-27.27	5.69	2.40	28	115	3.1	.60	2.8	5.2 c1
900304	022	34.66	44-52.46	6-38.85	11.59	2.35	37	98	12.4	.38	.8	.9 c1
900310	19 6	54.40	45- 1.23	6-44.44	11.14	2.08	69	39	11.8	.54	.7	1.1 c1
900311	9 5	21.54	44-59.26	7-21.77	9.38	2.52	48	84	19.4	.68	1.2	3.1 c1
900326	151	28.54	44-44.68	6-41.07	2.25	2.14	82	53	6.2	.57	.7	1.2 c1
900531	615	28.27	44-29.56	7- 4.10	8.08	2.29	53	60	4.1	.36	.6	1.3 b1
900604	830	33.87	44-36.89	7-14.38	12.34	2.49	46	67	15.5	.39	.7	1.4 c1
900727	1416	7.04	43-52.13	7-50.31	6.49	2.55	96	92	6.4	.87	1.4	1.3 c1
900731	1635	3.42	44-34.37	7-18.84	10.20	2.47	40	67	17.4	.85	1.7	3.7 c1
900809	1916	57.23	44- 1.33	7-25.05	4.95	2.71120	37	3.1		.59	.7	1.0 c1
900816	343	1.85	44-36.51	7-15.14	3.47	2.12	33	67	15.6	.51	1.1	2.9 d1
900824	512	58.24	43-55.92	7-15.96	10.15	2.03	84	85	7.0	.57	.8	1.0 c1
900826	4 1	10.91	44-31.75	7-17.75	2.89	2.23	41	85	14.5	.73	1.3	4.6 d1
901022	211	17.57	44- 4.35	7-13.57	1.07	2.28	77	58	6.8	.40	.5	.7 c1
901029	213	.68	44-34.99	6-53.41	6.46	2.02	70	61	3.2	.34	.5	1.0 b1
901122	2210	53.96	44-29.39	7-17.33	3.14	2.12	84	88	13.9	.47	.6	1.4 c1
901211	1645	13.23	45- 2.03	7-23.26	15.39	2.27	87	86	15.9	.76	1.1	1.2 c1
901220	018	59.99	46- 6.24	6-49.53	3.64	2.00	65	113	8.4	.63	1.1	1.5 c1
910108	2057	52.16	43-24.39	5-26.93	7.36	2.29	42	115	3.2	.34	1.0	.9 c1
910110	2111	33.90	43-26.19	5-26.79	10.44	2.25	38	134	6.1	.43	1.3	1.1 c1
910114	1139	31.79	43-27.73	5-27.83	-1.34	2.01	10	128	9.3	.29	1.6	3.0 b1
910118	1812	10.37	43-23.79	5-26.04	9.07	2.23	45	126	1.6	.37	1.2	.8 c1
910121	2118	22.52	43-25.76	5-25.78	11.72	2.30	32	148	5.1	.42	1.5	1.1 c1
910123	634	21.50	43-24.00	5-25.79	8.63	2.19	32	142	1.9	.47	1.6	1.3 c1
910201	1520	21.07	44-43.86	6-42.75	-.07	2.17	92	40	7.6	.47	.5	.9 c1
910204	1618	12.42	43-25.83	5-25.89	14.08	2.27	45	147	5.2	.38	1.1	.8 c1
910207	046	54.48	44-25.63	6-53.87	11.25	2.37136	30	9.0		.40	.4	.6 b1
910207	621	31.85	43-24.47	5-26.23	10.37	2.27	53	133	2.9	.45	1.2	.9 c1
910211	1543	43.19	44-52.58	6-46.19	5.98	3.93153	44	5.2		.59	.6	.8 c1

910212	642	12.77	43-27.84	5-28.81	-.13	2.27	23	120	10.0	.34	1.2	1.8	c1
910213	1254	42.40	44-52.63	6-46.09	5.01	2.90	141	44	5.2	.64	.6	1.0	c1
910213	1549	39.14	44-51.98	6-46.01	5.66	3.06	171	44	6.3	.61	.5	.9	c1
910215	9	7	24.64	43-23.64	5-26.69	11.94	2.22	39	121	2.0	.37	1.3	.9 c1
910219	1517	17.37	44-26.69	7-19.44	.36	2.17	116	62	17.9	.54	.7	1.1	d1
910219	1533	3.51	44- 3.01	7-39.92	9.22	2.24	73	68	8.2	.70	1.1	1.5	c1
910219	21	0	46.88	43-23.81	5-26.52	11.03	2.32	46	110	2.0	.32	1.0	.7 c1
910221	936	28.33	43-25.01	5-26.41	16.02	2.23	50	134	3.9	.50	1.5	1.0	c1
910221	2053	26.00	43-27.43	5-27.99	18.13	2.18	45	126	8.9	.54	1.6	1.1	c1
910222	1335	32.49	43-24.67	5-29.15	19.58	2.31	43	115	5.8	.54	1.6	1.1	c1
910225	1130	11.18	44- 3.04	7-40.39	1.44	2.76	120	69	8.5	.67	.9	1.0	c1
910227	12	2	34.18	43-24.21	5-29.24	22.84	2.20	40	125	5.6	.60	2.1	1.3 c1
910306	2037	40.49	43-25.59	5-26.27	9.65	2.39	49	140	4.9	.38	1.0	.8	c1
910307	2021	56.18	43-23.24	5-26.21	10.29	2.23	38	136	1.1	.42	1.6	1.0	c1
910315	14	8	57.02	43-25.98	5-27.25	8.45	2.13	46	127	6.0	.41	1.1	1.1 c1
910328	822	37.71	43-26.32	5-28.31	-1.96	2.26	14	117	7.2	.26	1.2	2.2	b1
910419	1429	42.69	44-47.69	6-45.93	7.66	2.13	92	33	14.1	.49	.6	1.1	c1
910426	355	9.60	45- .70	7-32.18	18.70	2.23	40	156	26.2	.48	1.2	3.2	c1
910426	1416	34.96	45-16.29	6-33.88	7.56	2.24	76	39	13.8	.37	.5	.9	c1
910511	1821	1.81	44-22.06	7-18.25	7.12	2.17	91	81	13.7	.40	.5	.9	c1
910613	1549	25.13	44-31.93	7- 3.83	8.79	2.00	50	60	5.0	.44	.7	1.6	b1
910614	2	3	42.98	45-22.17	6-28.09	7.41	2.02	94	33	19.8	.52	.6	1.0 c1
910618	2349	52.90	44-19.00	7-14.76	2.88	2.25	84	75	10.2	.46	.6	1.1	c1
910628	2348	47.58	43-39.91	7-32.54	21.34	2.57	72	110	16.7	.50	1.1	.8	c1
910713	1217	52.44	44-47.12	7-37.14	16.86	2.36	59	93	28.7	.63	1.2	1.6	c1
910714	2047	50.84	44- 4.86	7-13.73	.48	2.15	63	82	7.7	.31	.5	.6	c1
910716	2327	33.55	44-48.31	6-46.35	2.68	2.39	108	39	12.9	.42	.5	.9	c1
910812	2256	9.33	44-48.18	6-45.89	3.36	2.28	102	39	13.2	.52	.6	1.3	d1
910925	0	4	53.76	43-26.06	5-26.82	8.67	2.12	49	133	5.9	.46	1.2	1.1 c1
911002	2217	13.56	43-25.95	5-27.70	-1.19	2.25	13	121	6.2	.31	1.5	2.5	c1
911004	1315	6.79	43-26.21	5-27.15	4.31	2.17	16	130	6.3	.35	2.3	7.8	c1
911009	014	37.73	44-20.31	7-31.43	5.69	2.01	43	60	14.8	.41	.7	3.2	c1
911009	2311	12.61	44- 7.85	6-59.16	9.75	2.00	38	94	30.0	.24	.5	2.9	c1
911029	1250	8.06	43-26.04	5-24.10	10.09	2.33	39	174	5.9	.39	1.3	1.1	c1
911115	1357	37.09	43-27.71	5-27.30	-2.42	2.33	14	133	9.0	.22	.9	1.6	b1
911116	1959	25.91	43-27.66	5-28.02	-2.24	2.39	26	126	9.2	.30	.8	1.6	b1
911119	1840	.15	43-26.67	5-26.21	1.77	2.07	12	143	6.8	.22	1.7	2.4	c1
911125	1957	37.69	43-27.38	5-27.78	-2.50	2.02	15	127	8.7	.20	.7	1.4	b1
911129	1013	2.03	43-26.51	5-28.69	-2.13	2.32	33	114	7.8	.46	1.4	2.4	c1
911129	14	4	18.36	43-25.76	5-27.39	2.26	2.06	20	124	5.7	.57	3.1	4.1 c1
911209	10	3	50.39	43-25.36	5-25.84	7.88	2.12	42	147	4.4	.52	1.6	1.4 d1
911211	13	6	5.40	43-26.51	5-28.66	-2.16	2.56	64	115	7.8	.39	.8	1.3 c1
911219	911	30.44	43-24.29	5-25.59	9.21	2.68	58	151	2.4	.55	1.5	1.1	d1
911222	032	25.76	43-44.01	7-45.03	22.02	2.75	52	107	22.8	.41	1.2	.9	c1
920102	212	26.06	44-24.79	6-27.18	8.83	2.34	101	72	5.0	.42	.5	.8	b1
920110	152	43.71	43-55.39	7-43.93	13.21	2.34	71	77	13.0	.50	.9	1.0	c1
920309	154	34.13	45-10.69	5-51.79	7.95	2.33	129	40	11.7	.74	.8	.9	c1
920317	1131	44.99	44-30.47	7-16.11	11.43	2.04	64	88	12.1	.30	.5	1.3	b1
920318	1428	41.61	44-37.14	7-15.40	12.29	2.07	51	68	16.7	.43	.7	2.2	c1
920319	1547	44.48	44-35.40	7-15.86	11.16	2.54	61	67	15.0	.42	.6	1.6	c1
920419	2224	53.04	44-16.21	6-12.98	10.31	2.39	134	19	15.9	.63	.6	.9	c1
920427	1322	36.80	44-27.66	7-17.47	11.96	2.28	108	85	14.8	.48	.6	.9	c1
920521	833	36.24	44-32.83	7-18.34	4.27	2.08	46	67	15.7	.31	.6	6.1	c1
920603	050	23.40	44-18.52	7-21.80	12.06	2.22	109	75	7.6	.64	.8	.9	c1
920617	047	9.70	45-12.33	7-29.74	4.72	2.63	125	124	19.2	.93	1.2	1.5	d1
920630	2020	45.54	44-51.72	6-43.04	1.95	2.03	25	68	8.7	.43	1.1	1.2	c1
920630	2020	55.14	44-52.36	6-44.19	2.80	2.03	93	51	6.9	.54	.6	1.0	c1
920731	2014	26.42	44-28.69	6-24.28	10.78	2.43	108	55	12.6	.49	.6	.8	b1
920804	1458	9.62	44-28.44	6-24.50	12.20	2.26	100	31	12.0	.59	.7	1.0	c1
920812	433	52.68	44-49.35	7-35.75	15.54	2.01	55	136	26.3	.57	1.1	1.8	d1
920816	1331	13.44	44-29.69	7-17.41	4.11	3.21	151	79	13.9	.71	.7	1.0	d1
920906	1419	42.74	45- 8.17	7-36.58	27.42	2.30	52	160	27.1	.63	1.8	2.1	d1
920914	1320	9.64	44-53.51	6-38.02	6.39	2.22	99	34	12.8	.47	.6	1.0	c1
921027	312	31.21	44-30.10	7-15.81	8.14	2.06	80	87	11.7	.34	.5	1.1	c1
921101	1145	15.44	44-38.73	6-47.14	5.98	2.66	146	34	7.7	.44	.4	.8	b1
921111	059	52.95	44-29.59	7-16.42	8.81	2.22	78	63	12.6	.62	.9	1.6	c1
921127	253	34.18	44-31.68	7-15.83	11.13	2.13	51	89	12.0	.29	.5	1.4	b1
921201	141	58.76	44- 3.29	7-40.99	4.32	2.47	101	66	6.4	.56	.7	1.0	c1
921201	326	16.69	44- 3.53	7-40.96	5.99	2.05	76	66	6.2	.44	.7	1.0	b1
921201	1941	35.58	44-32.08	6-51.63	1.90	2.11	71	57	14.7	.44	.6	1.0	c1
921203	2054	21.75	44-20.52	7-17.67	15.58	2.10	58	79	11.0	.38	.6	1.3	b1
921219	739	27.78	44- 6.68	6-55.27	9.75	2.11	74	47	11.5	.44	.6	1.1	b1

921228	314	43.01	45-47.87	5-28.47	12.29	2.68164	35	27.0	.70	.6	.8	c1		
930105	1131	18.68	43-24.36	5-24.69	10.46	2.12	36	179	2.7	.47	1.5	1.4	c1	
930107	1538	8.66	43-24.73	5-26.09	8.76	2.49	38	139	3.3	.43	1.3	1.1	c1	
930108	1115	7.09	43-25.59	5-27.74	1.24	2.21	26	118	5.7	.54	5.2	8.1	c1	
930108	1443	45.00	43-24.37	5-25.70	8.78	2.18	41	148	2.5	.53	1.5	1.4	d1	
930112	22	6	37.40	43-25.23	5-26.26	8.81	2.19	28	138	4.2	.36	1.3	1.2	c1
930119	14	7	45.32	43-24.96	5-27.39	9.16	2.27	48	116	4.4	.61	1.6	1.3	c1
930120	1839	11.87	43-24.05	5-26.02	8.71	2.22	38	133	2.1	.38	1.2	1.1	c1	
930121	20	0	37.39	43-25.62	5-28.24	8.27	2.13	43	112	6.1	.51	1.4	1.4	c1
930201	746	40.78	43-27.81	5-28.32	-2.60	2.11	23	124	9.7	.34	1.2	2.2	c1	
930201	16	4	59.58	43-25.00	5-27.26	7.41	2.26	33	118	4.4	.52	1.9	3.3	c1
930205	23	0	32.95	43-25.56	5-27.18	8.38	2.30	37	125	5.2	.42	1.3	1.3	c1
930212	2244	55.54	43-24.78	5-27.29	7.44	2.15	27	115	4.1	.60	2.2	2.3	c1	
930216	1657	12.85	43-24.79	5-27.29	7.88	2.03	34	115	4.1	.54	1.7	1.9	c1	
930217	1856	54.30	43-25.71	5-26.73	8.55	2.17	31	133	5.3	.47	1.6	1.6	c1	
930218	632	35.89	43-26.27	5-29.73	-.14	2.07	28	103	8.3	.66	2.2	3.3	c1	
930221	1213	.06	45-26.43	5- 6.89	13.66	2.41157	54	9.8	.77	.7	.9	c1		
930223	2024	16.03	43-24.76	5-27.10	9.27	2.32	32	118	3.9	.45	1.5	1.4	c1	
930224	645	57.21	43-25.72	5-27.79	7.42	2.30	47	118	5.9	.54	1.4	1.5	c1	
930226	8	8	59.57	43-26.18	5-28.07	1.92	2.09	23	118	6.8	.41	2.0	3.0	c1
930302	714	12.50	43-24.98	5-27.25	5.37	2.47	32	118	4.3	.44	1.3	1.5	c1	
930302	1452	57.08	43-26.83	5-27.63	-1.89	2.17	16	127	7.6	.45	1.8	3.3	c1	
930303	20	1	23.58	43-27.79	5-28.68	-2.07	2.01	21	121	9.8	.47	1.7	3.2	c1
930304	1358	56.53	43-25.20	5-26.85	7.68	2.32	45	127	4.5	.43	1.2	1.1	c1	
930307	1034	43.56	43-23.48	5-28.50	9.03	2.32	45	138	4.2	.68	1.9	1.7	d1	
930308	1659	6.27	43-22.81	5-26.82	7.32	2.31	31	171	1.9	.67	3.0	4.4	d1	
930309	1746	3.16	43-24.52	5-26.09	9.40	2.16	31	137	2.9	.67	3.1	5.0	d1	
930310	2111	31.24	43-24.98	5-26.11	9.03	2.06	46	140	3.7	.43	1.2	1.1	c1	
930312	1442	43.05	43-24.03	5-26.31	9.29	2.12	35	123	2.2	.38	1.3	1.2	c1	
930315	637	10.61	43-51.96	7-52.86	3.20	2.72135	80	5.0	.83	1.3	1.3	c1		
930315	946	36.60	43-25.26	5-26.13	9.68	2.35	52	141	4.2	.44	1.1	1.0	c1	
930315	2343	29.29	44-22.24	7-19.01	12.16	3.45165	59	13.9	.61	.6	.7	c1		
930319	537	19.77	43-24.03	5-26.09	10.19	2.22	55	130	2.1	.39	1.0	.8	c1	
930322	2117	11.35	43-25.25	5-26.68	8.35	2.33	40	131	4.4	.48	1.4	1.4	c1	
930324	717	34.71	43-24.53	5-25.46	6.03	2.10	26	155	2.8	.47	2.2	3.7	c1	
930325	958	38.83	43-24.99	5-27.15	7.78	2.49	46	120	4.3	.44	1.2	1.3	c1	
930325	1130	29.82	43-23.96	5-27.48	3.80	2.29	26	120	3.2	.63	3.1	6.4	c1	
930328	1845	4.52	43-24.22	5-25.46	5.40	2.28	18	156	2.2	.38	2.1	2.8	c1	
930329	556	58.23	43-25.14	5-28.22	1.41	2.09	18	107	5.4	.57	7.0	10.3	c1	
930329	1240	45.33	43-25.74	5-27.45	2.66	2.53	20	123	5.7	.42	2.4	3.0	c1	
930413	1749	8.20	43-24.77	5-26.71	2.06	2.03	18	126	3.7	.47	2.9	2.9	c1	
930414	1032	6.74	44-15.16	6-13.62	8.80	2.54151	18	17.9	.58	.6	.8	c1		
930414	1033	6.63	44-14.88	6-14.48	10.07	2.33	55	97	17.4	.43	.7	1.3	c1	
930419	1614	31.71	43-23.66	5-25.13	8.65	2.16	32	177	1.3	.45	1.7	1.4	c1	
930419	2159	31.08	44-26.27	7-17.28	16.79	2.01	62	85	15.7	.52	.8	1.7	c1	
930420	2054	16.44	43-25.80	5-26.45	8.77	2.61	41	138	5.3	.48	1.5	1.2	c1	
930625	1532	41.26	45-23.97	6-29.12	3.06	2.00100	46	17.2	.57	.7	1.4	d1		
930710	20	3	59.27	44-53.72	6-37.52	4.50	2.23107	31	13.4	.44	.5	1.1	c1	
930721	159	16.72	45-29.84	6-41.11	7.38	2.43134	39	4.3	.84	.9	1.0	c1		
930726	457	47.52	44-21.46	7-16.87	2.19	2.78135	79	13.0	.48	.5	1.1	c1		
930806	1817	53.19	44- 4.94	7-38.69	11.05	2.23	50	79	12.9	.48	.9	1.7	b1	
930928	933	39.38	44- 7.99	7-24.47	12.29	2.06	64	59	10.7	.30	.5	.9	b1	
931001	511	13.07	44-32.17	7-15.92	10.19	2.08	80	90	12.3	.36	.5	1.0	b1	
931018	2023	57.14	43-48.52	6-24.29	4.21	2.29	35	155	12.4	.63	1.6	6.1	d1	
931023	426	42.25	45- 1.79	7-19.36	10.37	2.24	91	127	13.9	.85	1.2	1.6	c1	
931105	350	55.03	46-22.90	6-19.85	9.40	2.37160	64	26.7	.76	.7	.9	d1		
931106	724	36.04	46- 1.02	6-36.96	7.36	2.16	93	54	10.4	.63	.9	1.3	c1	
931121	2027	58.40	44-38.58	6-45.65	5.15	2.14113	33	13.9	.36	.4	.9	c1		
931202	623	52.99	44- 9.35	7-54.26	10.97	2.13	47	105	15.6	.37	.8	1.8	c1	
931203	047	35.96	44-44.31	6-45.19	2.21	2.36144	31	20.5	.43	.4	.9	c1		
931211	1350	57.23	44- 3.48	7-41.16	2.64	2.90160	61	6.0	.76	.8	.9	c1		
940120	659	13.74	44-33.79	7-22.46	-2.14	3.61179	70	21.5	.68	.7	1.1	d1		
940120	7	5	42.60	44-34.04	7-22.11	-.72	3.40201	70	21.2	.63	.6	1.1	d1	
940120	1128	60.00	44-33.17	7-20.48	-2.40	2.44135	68	18.6	.52	.6	1.0	d1		
940120	1138	36.26	44-33.18	7-19.68	4.53	2.06	85	68	17.6	.34	.5	2.3	c1	
940121	2327	33.31	44-33.37	7-20.47	-.92	2.58138	68	18.7	.47	.5	1.1	c1		
940203	346	.57	45-38.42	5-40.44	10.00	2.76198	32	19.1	.62	.5	.7	c1		
940204	2219	46.51	45-23.76	6- 3.51	9.52	2.09106	25	21.7	.43	.5	.9	c1		
940205	052	11.55	45- 4.43	7-21.82	11.20	3.18160	84	11.3	.91	1.1	1.0	c1		
940206	2340	56.29	45-27.47	7-43.79	5.44	2.29112	102	27.6	.88	1.3	1.6	d1		
940315	19	7	50.10	43-22.98	5-27.09	8.70	2.21	35	160	2.2	.66	2.2	1.9	d1
940321	1610	4.45	43-24.50	5-25.52	10.26	2.22	30	154	2.7	.56	1.9	1.5	d1	

940323	1526	38.26	43-24.36	5-26.53	10.28	2.07	28	123	2.9	.73	3.1	2.5	c1
940327	2026	4.44	43-23.23	5-26.98	10.69	2.48	39	146	2.1	.67	2.1	1.7	d1
940329	1431	32.16	43-23.63	5-25.33	9.82	2.10	25	165	1.1	.59	2.8	3.3	d1
940331	2253	33.36	44-33.52	7-21.19	-.71	2.65	139	69	19.7	.44	.5	1.0	c1
940418	1136	14.10	44-40.32	7-13.28	8.17	2.05	93	69	18.4	.39	.5	1.1	c1
940521	435	21.82	43-23.80	5-25.23	10.27	2.42	37	169	1.5	.50	1.7	1.3	d1
940605	738	6.56	43-27.68	5-28.28	-2.50	2.11	21	134	9.4	.40	1.4	2.6	c1
940627	1748	48.38	44-25.82	6-26.50	8.55	2.72	171	19	6.7	.66	.6	.9	c1
940629	151	21.63	43-26.44	5-25.87	8.29	2.25	34	165	6.4	.47	1.5	1.6	c1
940708	015	29.34	44-27.29	7-17.63	13.82	2.44	76	86	15.3	.36	.5	1.6	b1
940731	2230	21.76	46- 2.65	6-38.74	2.70	2.03	38	133	21.7	.50	1.3	3.2	d1
940801	2139	26.46	45-11.66	6-19.55	-.07	2.11	71	38	16.5	.39	.5	1.3	c1
940901	6 2	28.54	45-23.05	5-44.12	-.21	2.14	37	80	15.8	.45	1.0	2.1	c1
940916	1758	10.93	44-38.56	6-52.51	3.77	2.08	58	66	5.3	.24	.4	1.2	b1
940924	418	17.95	44-32.03	6-52.79	1.08	2.45	84	66	7.3	.44	.5	.8	c1
941124	2117	34.00	43-47.20	6-26.05	5.95	2.95	86	172	10.4	.41	1.1	.9	c1
941203	2115	24.60	44-31.36	6-52.32	2.43	2.16	68	47	6.6	.28	.4	.7	b1
941214	855	59.38	45-57.44	6-24.59	7.01	4.03	71	49	5.3	.35	.7	.7	b1
950104	047	2.85	44-52.81	7-19.07	11.09	3.19	65	76	6.8	.49	.9	1.3	b1
950331	334	37.94	44- 4.29	7-11.16	4.51	2.39	65	164	22.1	.37	.7	1.4	c1
950421	1819	31.02	45-43.11	7- 3.50	13.40	2.20	59	175	30.0	.32	.7	1.0	c1
950425	13 2	58.17	45-50.71	5-57.98	3.43	2.14	61	86	7.1	.22	.4	1.0	b1
950828	1242	29.63	45-32.76	6- 7.14	5.96	2.35	44	58	5.5	.28	.6	1.5	b1
950904	17 2	54.29	45-41.97	6-11.91	11.25	2.84	54	59	12.7	.53	1.0	2.0	c1
950904	21 1	39.72	45-41.99	6-10.94	2.99	2.81	72	59	12.3	.50	.8	2.1	c1
950908	1646	57.21	45-12.29	5-54.22	6.50	2.47	61	42	13.8	.34	.5	1.3	c1
951005	052	9.94	44-32.45	6-52.09	9.82	2.11	26	84	8.0	.25	.9	1.6	b1
951007	1915	1.18	44-22.74	7-16.95	14.29	2.10	46	81	15.4	.29	.7	1.2	b1
951007	2212	26.99	44-23.01	7-17.13	12.89	2.09	45	82	15.8	.36	.8	1.2	c1
951008	6 7	47.07	44-30.69	6-53.84	1.65	2.25	69	67	7.5	.34	.5	.7	c1
951013	22 7	42.45	44-30.56	6-51.24	5.10	2.92	61	64	4.6	.29	.5	1.1	b1
951016	11 4	23.33	44-47.24	6-46.48	9.07	2.50	78	31	14.1	.34	.5	1.0	c1
951018	213	9.60	44-30.41	6-53.26	2.37	2.18	58	66	6.6	.27	.4	.5	b1
951110	1828	37.70	44- 1.67	7-28.61	14.54	2.20	41	163	15.0	.54	1.6	1.6	d1
951110	22 4	13.30	44-29.36	7-13.72	6.45	2.72	65	83	10.3	.33	.5	1.6	c1
951121	4 4	34.43	45- 1.58	7-34.10	17.76	3.61	83	87	28.2	.54	.9	1.1	c1
951122	1112	52.83	45- 2.60	6-32.79	7.19	2.14	73	32	16.7	.34	.5	2.3	c1
951127	2 1	20.04	44-35.72	7- 8.58	4.53	2.01	39	73	10.6	.20	.4	2.3	b1
960101	21 3	33.36	44-25.24	7-17.68	7.07	2.43	67	84	18.0	.42	.7	1.5	c1
960122	1641	45.51	44-27.52	6-46.50	3.85	2.00	46	55	3.8	.34	.6	1.3	b1
960126	19 1	15.44	45-57.80	6-26.98	2.64	2.00	52	64	5.6	.41	.8	.9	c1
960218	416	33.14	44-45.12	6-45.93	8.92	3.32	59	25	12.3	.30	.5	1.1	b1
960220	1337	50.60	44-25.33	7-29.47	1.14	2.44	75	65	22.4	.47	.7	1.3	c1
960305	935	33.90	44-28.32	7-17.98	13.40	2.04	62	88	16.2	.32	.5	1.5	c1
960310	735	40.24	45-11.22	7-26.13	5.98	2.11	74	88	14.6	.51	.8	2.2	c1
960405	2 4	5.90	45-15.27	5-57.47	6.95	2.01	78	51	16.8	.36	.5	1.2	c1
960418	531	40.89	44-15.27	6-53.96	10.22	2.82	104	60	18.8	.38	.5	.9	c1
960611	322	28.99	44-37.94	6-43.34	7.38	2.10	65	45	11.2	.43	.6	1.7	c1
960715	013	30.35	45-56.09	6- 5.99	3.37	4.50	44	98	26.1	.53	1.3	1.4	d1
960715	020	14.54	45-56.41	6- 4.95	-1.46	2.16	40	101	26.1	.55	1.2	2.7	d1
960715	546	12.79	45-56.49	6- 4.98	3.57	2.88	76	101	25.9	.44	.7	1.0	c1
960720	22 4	34.06	45-56.92	6- 4.86	.70	2.58	59	103	16.6	.40	.7	1.3	c1
960723	250	31.06	45-56.25	6- 5.33	2.94	2.28	52	135	16.7	.42	.8	2.0	c1
960723	4 8	40.89	45-57.01	6- 4.92	-2.55	3.32	48	104	25.1	.42	1.0	1.7	c1
960729	1534	30.39	45-57.04	6- 3.70	1.37	2.04	37	134	15.4	.26	.7	1.1	c1
960801	6 0	11.33	45-56.36	6- 5.19	3.39	2.06	75	101	16.6	.36	.5	1.3	c1
960824	1241	19.26	44-21.87	7-18.17	18.79	2.42	43	81	13.5	.42	.9	1.2	b1
960914	2254	53.52	46- 1.18	6-49.06	1.14	2.71	61	157	8.5	.43	1.0	1.3	c1
960920	1737	27.37	46- 2.83	6-50.74	3.31	2.16	67	174	9.2	.49	1.1	1.3	c1
960926	2021	11.09	44-17.47	7-27.22	.54	2.2	23	86	7.6	.18	.6	.8	b1
961007	213	24.95	44-13.49	6-48.87	-1.55	2.27	56	73	13.1	.31	.5	1.0	c1
961017	1521	38.57	44- 1.21	7-32.26	15.51	2.47	73	129	12.5	.62	1.2	1.3	c1
961023	1217	44.26	44-40.77	6-49.19	1.18	2.05	63	32	9.6	.55	.8	1.1	c1
961025	837	8.07	45-18.55	6-32.36	8.06	2.04	81	32	15.5	.37	.4	1.6	c1
961124	027	8.13	44- 3.53	7-40.00	5.34	2.88	77	99	7.3	.65	1.1	1.4	c1
961127	1512	28.26	44-10.97	6-50.71	-2.51	2.09	58	95	9.8	.37	.6	1.2	c1
961209	1425	1.56	45-21.78	5-17.94	4.35	2.19	63	81	10.5	.45	.8	1.2	c1
961226	1933	48.93	44-22.67	7-19.88	18.82	2.54	65	59	14.9	.63	1.2	1.5	c1
961229	1018	40.67	44- 2.21	7-35.55	15.09	2.94	69	133	9.1	.69	1.4	1.5	c1
970218	2139	25.95	44-25.46	7-18.13	9.37	2.19	56	85	18.3	.34	.6	2.0	c1
970302	1624	49.68	44-47.98	7-35.86	27.70	2.18	57	93	26.7	.62	1.3	2.3	c1
970313	7 8	51.44	45- 3.00	6-56.47	3.00	2.16	86	48	19.0	.43	.5	3.3	c1

970318	1330	33.21	44-40.13	7-13.65	10.47	2.12	71	69	18.5	.42	.6	1.8	c1
970626	6 8	34.97	43-59.40	7-19.16	6.21	2.86	92	125	21.6	.66	1.2	1.3	d1
970704	12 8	38.99	43-59.38	7-18.96	.76	2.36	59	165	27.6	.39	.8	1.9	c1
970725	17 0	20.84	44-57.65	7-20.87	6.18	2.83	82	82	22.4	.56	.8	1.9	d1
970816	1120	14.32	43-54.32	7-43.63	13.51	2.35	39	84	6.7	.74	1.9	1.5	c1
970830	656	36.45	44-43.73	6-40.34	10.82	2.20	62	32	20.3	.45	.7	1.4	c1
970905	857	17.50	43-50.79	7-45.98	12.84	2.73	57	112	5.0	.58	1.4	1.0	c1
970913	1759	38.90	44-45.36	6-46.99	11.91	2.50	64	35	18.2	.35	.5	1.3	c1
970923	1632	48.34	45- 2.17	5-43.10	6.97	2.15	63	114	14.9	.29	.5	1.0	b1
971022	442	32.53	44-24.61	6-31.95	10.04	2.28	89	33	2.7	.43	.6	1.0	b1
971022	451	8.83	44-24.42	6-31.66	7.38	2.15	80	33	2.2	.42	.6	1.2	b1
971031	423	42.86	44-16.07	6-33.26	6.17	4.04	65	85	14.4	.40	.7	1.1	c1
971031	715	19.47	44-15.99	6-32.70	10.37	2.82	76	84	14.4	.44	.7	1.1	c1
971106	1239	48.03	44-24.39	6-31.49	9.17	3.09	88	36	2.0	.42	.6	1.0	b1
971107	2216	13.04	44- 7.12	7-55.33	15.22	2.49	56	117	20.0	.54	1.0	1.7	c1
971108	156	6.80	44- 7.09	7-55.64	1.40	3.49	81	58	20.1	.73	1.1	1.7	d1
971125	2355	16.37	44-24.50	6-31.43	5.27	2.01	52	87	24.4	.34	.6	1.7	c1
980108	2249	29.12	44-30.07	7-18.99	14.23	2.10	62	65	16.0	.47	.7	1.7	b1
980110	2122	8.96	44-52.49	7-29.45	5.24	2.83	75	84	18.5	.50	.7	2.6	d1
980227	1034	1.17	43-52.63	7-45.90	5.22	2.00	48	166	5.9	.41	.9	1.4	c1
980303	1352	34.99	45-45.06	5-53.75	10.02	2.31	76	77	14.5	.45	.7	.8	c1
980307	926	42.74	45-10.65	6-31.63	10.57	2.09	89	25	7.9	.44	.5	.9	b1
980320	12 9	47.19	44-42.57	6-37.13	3.79	2.62	67	54	.7	.50	.7	1.5	b1
980321	2145	39.91	44-48.93	6-39.78	10.62	2.06	82	35	10.7	.49	.6	1.2	b1
980411	11 5	.78	44-40.35	7-14.26	15.53	3.34	71	69	18.2	.52	.7	1.6	c1
980416	1235	51.26	45-56.33	6- 4.11	-.12	2.24	65	66	.7	.39	.7	.3	b1
980506	12 2	25.23	44- 9.37	6- 6.03	-2.06	2.55	78	149	14.9	.49	1.0	1.4	c1
980511	9 1	10.09	44-46.76	6-39.96	3.99	2.08	70	29	8.0	.46	.6	1.8	c1
980513	21 4	37.90	44-25.20	6-20.54	10.73	2.17	53	106	13.6	.44	.8	1.3	c1
980513	2111	54.29	44-24.96	6-19.59	8.56	2.30	65	65	14.7	.48	.7	1.5	c1
980613	2220	49.02	44-16.08	6-33.27	1.19	2.35	58	50	14.4	.45	.7	1.1	c1
980730	1835	.47	45- 1.47	6-43.56	11.98	2.24	58	38	12.6	.42	.6	1.3	b1
980812	1653	46.10	44-25.10	6-39.76	10.90	2.05	46	56	12.6	.45	.8	1.1	b1
980828	2051	20.50	44-32.78	6-49.35	5.40	2.06	58	43	7.3	.32	.4	1.3	b1
980930	14 5	48.66	44- 8.59	7- 9.65	11.44	2.00	45	106	17.4	.48	.8	1.4	c1
981014	351	50.20	44-33.76	7-15.81	14.07	2.16	77	71	13.3	.37	.5	1.3	b1
981209	856	3.07	45-59.98	6-37.06	-.89	2.17	44	107	11.5	.38	.8	1.1	c1
990111	336	36.57	45- 2.17	5-46.31	.19	3.53	67	69	12.6	.28	.5	.8	c1
990203	1620	24.76	45- 2.02	5-45.87	-2.60	2.43	81	47	2.7	.41	.6	1.1	b1
990204	352	9.91	45-39.78	7- 5.68	9.49	2.00	76	116	20.3	.36	.6	1.0	c1
990225	1439	9.76	44-45.95	6-36.46	1.64	2.35	74	32	5.7	.46	.6	.9	c1
990413	748	35.72	45-11.35	5-20.66	-.18	2.10	59	72	29.9	.30	.5	1.8	c1
990418	15 4	22.99	44-55.02	7-16.97	11.10	2.47	94	71	9.2	.56	.7	1.4	c1
990505	137	57.44	45- 1.88	5-45.48	2.16	2.08	71	62	.4	.31	.5	.4	b1
990607	1821	10.01	44-39.86	7-13.28	11.72	2.12	76	66	19.3	.41	.5	1.2	c1
990828	15 3	13.42	45-14.22	6-32.13	12.64	2.92	87	34	24.7	.40	.5	.8	c1
990903	659	52.27	45- 3.41	7-34.14	19.59	2.05	57	100	26.0	.59	1.1	2.2	c1
990920	1143	52.87	44-14.96	7-53.19	14.24	2.13	49	58	5.2	.32	.6	.9	b1
990923	6 7	47.93	44- 8.05	7- 8.70	11.91	2.01	49	107	.9	.26	.5	.9	b1
991025	1541	57.05	45- 3.07	7-30.34	27.96	2.00	47	92	21.8	.77	2.1	2.4	c1
991101	1722	33.13	43-45.32	7-17.09	8.38	2.91	77	127	11.5	.81	1.5	1.5	c1
991116	5 4	8.46	45-39.12	5- 6.90	10.02	2.02	39	165	24.7	.31	.8	2.1	c1
991130	1925	2.15	44-30.57	7-17.71	11.47	2.39	71	70	14.3	.32	.5	1.5	c1
991212	9 8	56.22	44-20.48	7-23.74	17.67	2.13	58	59	12.0	.47	.8	1.4	b1
122	2334	43.17	44-21.07	7-20.24	6.65	2.01	41	81	11.8	.34	.8	2.3	c1
211	1418	14.32	44-25.47	7-16.52	13.60	2.10	58	83	15.6	.31	.5	1.3	b1
401	121	37.44	45- 5.14	7-22.64	3.20	2.60	71	89	11.2	.54	.8	2.4	c1
405	838	22.25	45-30.47	4-52.78	8.81	2.40	53	171	28.9	.41	1.0	.8	c1
531	746	6.13	44-48.83	7-13.11	12.87	2.94	78	50	4.3	.49	.7	1.4	b1
601	241	34.32	45-30.08	6-38.82	12.29	2.01	64	73	6.1	.37	.6	1.0	b1
606	038	16.90	45-11.83	7- 5.26	14.74	2.22	57	56	15.0	.39	.6	1.0	b1
610	244	30.10	44-31.33	7-19.82	3.19	2.86	87	72	17.1	.43	.5	1.2	c1
626	1929	16.57	44-29.80	6-53.81	4.40	3.02	71	49	6.9	.33	.4	1.3	b1
803	1655	6.04	45-20.49	6-40.64	3.07	2.00	34	157	13.4	.37	.9	390.3	c1
813	4 2	56.19	44-49.41	7-12.53	4.77	2.17	83	65	20.9	.40	.5	1.5	c1
817	1730	19.17	45- 1.94	5-46.00	-2.83	2.43	68	60	14.0	.55	.9	1.3	d1
819	837	24.72	46- 1.38	6-39.52	1.77	3.23	81	70	7.4	.40	.7	.8	c1
819	854	15.53	46- 1.89	6-40.66	.31	2.00	38	161	22.7	.26	.7	.9	c1
826	7 0	10.33	46- 1.46	6-41.08	1.22	2.08	54	163	22.7	.27	.6	.9	c1
904	1647	24.68	44-52.67	5-16.12	10.91	2.13	46	82	13.9	.45	.9	1.7	c1
1126	441	12.27	44- 1.84	7-37.40	9.70	2.45	61	132	9.5	.44	.9	1.0	c1
1202	5 8	16.32	43-50.05	7-33.87	3.75	2.54	50	113	27.7	.94	2.4	3.0	d1

1203	423	59.32	45-11.00	5-52.47	7.78	2.35	86	38	12.1	.39	.5	.9	c1
1219	052	24.95	43-46.74	7-22.16	7.70	2.26	56	132	7.0	.61	1.3	1.9	c1
1219	1420	49.29	43-44.56	7-23.59	8.83	3.30	98	141	2.8	.97	1.6	1.3	d1
1220	545	15.30	43-46.85	7-22.63	7.29	2.79	89	125	6.7	.69	1.1	1.3	c1
10125	217	14.91	46- 1.64	6-44.45	3.33	2.50	63	83	4.4	.42	.7	1.6	b1
10131	1531	47.70	43-23.00	5-25.57	8.16	2.27	36	177	.1	.52	2.0	1.5	d1
10205	1632	.25	43-23.95	5-27.50	2.09	2.25	35	121	3.2	.56	2.4	2.3	c1
10215	1610	24.59	43-24.55	5-27.49	5.75	2.26	34	108	3.9	.49	1.6	2.3	c1
10223	1913	24.44	44-38.26	7-15.89	11.33	2.15100	69	18.7	.47	.5	2.1	c1	
10223	2219	41.80	46- 6.57	7- 3.00	2.76	3.33	67	100	10.3	.44	.7	1.2	c1
10225	122	31.12	46- 6.08	7- 2.14	4.85	2.84	58	141	9.0	.42	.8	2.4	c1
10225	2 7	57.47	46- 6.50	7- 2.87	7.16	2.26	62	83	10.1	.40	.7	1.8	c1
10225	1834	42.66	43-31.47	7-29.46	19.75	4.68	42	144	23.5	.48	2.0	1.0	c1
10228	926	28.15	46- 6.22	7- 2.37	5.86	2.40	63	81	9.3	.47	.7	2.4	c1
10306	9 6	53.30	43-23.19	5-25.57	9.26	2.20	40	132	.3	.49	1.6	1.6	c1
10328	342	27.93	46-19.33	7-25.98	8.11	2.43	69	100	26.8	.38	.6	1.7	c1
10330	716	41.85	43-24.76	5-26.61	4.77	2.38	32	127	3.6	.57	1.9	2.6	c1
10405	1348	42.78	43-23.75	5-25.57	5.85	2.20	31	150	1.4	.44	1.7	2.0	c1
10407	811	44.81	46- 7.71	6-55.76	4.80	2.51	73	79	6.8	.53	.8	2.3	c1
10407	812	56.44	46- 5.50	6-53.41	5.53	2.05	25	122	12.7	1.25	4.3	12.3	c1
10409	911	59.07	45-23.30	6-29.43	9.47	2.28	97	35	11.7	.46	.5	.9	b1
10409	1458	.65	43-23.12	5-28.49	2.09	2.25	35	153	4.1	.67	2.9	2.9	d1
10413	235	31.49	45- 5.32	6-48.91	6.22	2.70110	35	16.0	.44	.5	2.0	c1	
10420	619	31.22	44-16.60	6- 7.26	-1.71	2.02	84	65	11.0	.69	.8	1.9	d1
10420	658	10.54	44-16.37	6- 6.93	-2.19	2.11	88	65	11.3	.58	.7	1.6	d1
10420	1029	52.13	45- 7.89	7- 4.01	9.96	2.07102	43	11.3	.52	.6	1.2	c1	
10427	7 6	28.09	43-23.64	5-25.57	7.67	2.19	45	149	1.2	.51	1.6	1.6	d1
10428	839	45.13	45-30.92	7-44.83	7.25	2.23	42	127	.3	.47	1.1	1.2	c1
10428	2149	21.92	43-23.12	5-26.20	10.99	2.48	40	148	1.0	.55	1.8	1.7	d1
10430	8 4	50.89	44-52.69	6-46.93	7.98	2.35122	45	4.8	.49	.5	1.0	b1	
10510	921	7.94	43-23.12	5-25.57	8.05	2.23	46	120	.2	.55	1.7	1.8	c1
10518	8 6	3.70	43-23.19	5-25.57	7.53	2.29	35	133	.4	.58	2.2	2.1	c1
10530	2243	50.78	45-48.81	6-29.26	6.09	2.77	73	58	11.8	.45	.6	2.0	c1
10606	612	52.67	43-22.80	5-26.33	11.64	2.27	46	179	1.2	.57	1.7	1.7	d1
10613	1026	44.49	43-23.80	5-25.57	8.55	2.12	38	150	1.5	.53	1.8	1.8	d1
10701	1937	19.56	44-33.52	6-59.40	4.29	3.21119	56	11.5	.46	.5	1.9	c1	
10702	212	21.50	44-44.03	6-38.51	6.75	2.04111	30	10.3	.50	.5	1.5	c1	
10709	2250	2.57	46- 6.57	7-37.98	11.08	2.81	69	71	17.6	.46	.8	1.3	c1
10719	2155	42.87	43-50.23	6-54.10	.05	2.06	91	81	9.5	.44	.5	1.1	c1
10731	1939	9.90	45-20.50	6-30.26	6.04	2.64	16	108	26.0	.34	1.4	10.5	c1
10802	436	43.90	44-40.18	7-13.00	6.69	2.01	99	74	18.8	.41	.4	2.5	c1
10811	1046	9.62	44-49.45	6-43.40	5.32	2.05	90	38	11.4	.50	.6	2.0	c1
10811	2158	41.95	44-49.82	6-43.21	4.71	2.00115	39	11.5	.56	.5	2.3	c1	
10819	2216	16.25	45- 6.16	6-50.21	2.33	2.01	90	35	15.4	.50	.6	1.3	c1
10927	524	1.42	45-57.48	6-24.88	6.67	2.09	61	48	26.5	.43	.6	3.4	c1
10928	659	5.87	43-23.12	5-28.03	2.09	2.16	44	153	3.5	.68	2.5	2.4	d1
11003	6 6	53.69	44-18.20	7-21.37	15.02	2.01	81	79	6.9	.39	.5	.9	b1
11008	613	58.78	43-24.45	5-27.49	7.10	2.38	44	107	3.8	.54	1.6	2.1	c1
11016	418	29.10	45- 5.90	6-29.74	6.20	2.67130	20	11.8	.60	.5	1.9	c1	
11102	9 4	7.59	45-37.69	6-52.20	9.41	2.01	89	91	10.5	.45	.5	1.0	c1
11107	359	40.19	45- 6.91	6-31.73	7.86	2.19131	25	11.7	.45	.4	1.4	c1	
11110	158	7.47	44-21.62	7-18.56	11.88	2.36106	81	12.8	.38	.4	.9	b1	
20126	735	46.85	44-23.11	7-18.80	10.96	2.90187	59	15.6	.72	.6	.8	c1	
20127	1339	12.96	44-23.05	7-19.07	15.04	2.19102	59	15.4	.49	.6	.8	b1	
20130	22 0	4.90	43-48.45	7-45.20	14.48	2.40158	94	6.0	.73	.9	.7	c1	
20201	310	8.91	45-55.09	6-56.83	7.99	2.01134	82	23.5	.54	.6	.8	d1	
20202	1426	18.42	43-46.74	7-46.34	12.22	2.80156	86	9.4	.73	.9	.8	c1	
20202	1745	2.11	45- 7.04	6-31.19	8.45	3.10204	21	11.0	.60	.5	.7	c1	
20225	14 9	52.13	44-36.68	6-48.19	8.19	2.08132	38	4.4	.71	.6	1.1	c1	
20302	956	35.51	44-25.74	7-22.38	4.91	2.07142	63	20.7	.60	.6	1.1	d1	
20308	1327	30.05	43-22.20	5-27.90	7.59	2.72	56	175	3.6	.59	1.6	1.2	d1
20410	558	45.61	44-26.06	7- 2.33	14.47	2.36156	47	10.1	.57	.5	.7	c1	
20421	1757	14.42	45-40.13	7-49.96	4.88	2.93193	95	12.3	1.05	1.1	1.2	c1	
20428	9 6	45.48	46-17.25	6-37.47	7.02	2.40167	81	6.5	1.09	1.1	1.3	c1	
20506	642	52.75	44-30.12	7-18.13	10.02	2.90184	64	14.8	.70	.6	.8	c1	
20607	1138	45.30	44-21.15	7-17.51	13.37	2.15119	57	12.2	.49	.5	.7	b1	
20617	2226	13.84	44-19.95	7-27.13	8.71	2.92131	136	27.5	.78	1.1	1.0	d1	
20721	2146	29.07	45-22.69	6-30.50	13.41	2.09151	31	11.5	.72	.7	.8	c1	
20727	1523	33.29	43-50.64	7-27.94	11.15	2.33136	77	3.3	.60	.7	.6	c1	
21022	2159	8.44	45-38.62	6-18.78	11.36	2.38135	44	24.8	.66	.7	.9	c1	
21030	247	2.33	45-48.60	6- 4.50	8.65	2.03173	30	15.0	.94	.8	1.1	c1	
21112	648	10.97	44-11.15	7-43.18	12.42	2.21116	44	11.2	.49	.5	.7	b1	

21124	1052	57.11	44-13.18	7-12.80	10.41	2.09116	55	9.5	.58	.6	.9	c1	
21127	746	29.12	44-35.20	6-53.22	7.01	2.05142	45	2.8	.46	.4	.7	b1	
21219	16	2	.50	45- 9.10	6-31.72	13.73	2.20144	23	9.1	.62	.6	c1	
30120	759	50.35	44-27.91	6-47.08	6.53	2.19139	28	2.8	.59	.5	.9	c1	
30120	1122	39.07	44-28.14	6-46.97	9.06	2.29158	26	2.7	.66	.5	.9	c1	
30131	2054	50.16	44- 6.46	6-48.55	11.56	2.30147	46	2.5	.59	.5	.6	c1	
30206	923	39.04	44-27.60	6-46.59	7.41	2.03126	28	3.7	.57	.5	.9	c1	
30215	828	13.59	45-42.66	6-33.44	11.60	2.14175	70	5.9	.69	.6	.8	c1	
30311	953	52.10	44-28.59	6-45.72	7.47	2.07 79	54	4.1	.67	.9	1.4	c1	
30314	823	37.76	44-28.33	6-45.99	6.57	2.31114	49	3.8	.53	.6	.8	c1	
30322	7	2	8.98	43-49.07	6-56.10	11.65	2.63182	70	19.5	.71	.7	.7	c1
30402	4	5	37.72	44-21.56	7-18.95	13.75	2.06107	36	16.6	.46	.5	.7	b1
30402	9	9	33.76	44-21.76	7-19.09	14.03	2.24 96	58	16.8	.44	.5	1.1	b1
30406	1223	27.18	44-28.14	6-45.62	8.73	2.02150	27	4.4	.64	.6	.8	c1	
30416	254	48.65	44-28.30	6-46.30	7.43	2.28174	28	3.4	.59	.5	.7	c1	
30426	354	10.00	45-14.05	5-53.47	5.92	2.26207	19	11.5	.83	.6	.9	c1	
30503	1244	56.81	44-25.66	7-19.64	5.04	2.67170	39	19.0	.71	.6	.9	d1	
30511	23	8	30.98	44-26.22	7-28.27	5.89	2.15136	40	23.4	.64	.6	.9	d1
30525	23	3	31.89	45- 8.33	6-30.48	6.07	3.42217	24	20.1	1.01	.8	1.2	d1
30622	2153	29.15	43-24.02	5-25.57	12.88	2.60 75	135	1.8	.78	2.0	1.0	d1	
30623	2340	45.29	44-26.90	6-48.16	7.20	2.14159	30	3.7	.63	.5	.8	c1	
30624	240	48.59	44-27.70	6-48.87	11.02	2.12164	30	2.1	.64	.5	.8	c1	
30629	1739	45.89	44-27.58	6-46.80	6.60	2.31152	23	3.5	.55	.5	.7	c1	
30717	1829	48.96	44-27.32	6-47.13	9.83	2.17132	29	3.6	.59	.6	.9	c1	
30720	1440	38.13	44-34.79	7-25.39	6.73	2.34168	69	25.7	.61	.6	.8	d1	
30723	1156	59.14	44-40.29	7-13.69	4.08	2.68170	69	18.4	.59	.5	.9	d1	
30727	2244	56.18	44-27.55	6-46.85	8.10	2.41160	26	3.5	.55	.5	.7	c1	
30801	1948	21.74	43-19.98	5-24.56	3.83	2.42 85	150	5.8	.88	2.3	1.4	d1	
30807	2054	15.75	44-28.70	6-46.79	9.67	2.09150	28	2.6	.64	.6	.8	c1	
30809	218	57.34	44- 6.22	7-10.59	14.40	2.10164	32	7.3	.78	.7	.7	c1	
30810	1342	32.15	44-11.34	6-49.71	8.62	2.44188	27	9.7	.60	.5	.7	c1	
30817	1912	.60	44-30.34	7-17.25	11.56	2.01109	66	13.6	.51	.5	.9	c1	
30817	2231	51.61	44-38.70	6-51.36	8.09	2.83213	22	11.3	.76	.6	.8	c1	
30818	1228	37.12	44-42.26	7-14.30	8.08	2.03112	50	14.7	.69	.7	1.5	c1	
30823	5	4	26.68	43-24.28	5-27.11	10.97	2.76106	103	3.2	.76	1.2	.9	c1
30830	217	39.87	44-28.33	6-46.73	7.27	2.08117	27	2.9	.59	.6	1.1	c1	
30831	23	8	30.64	44-27.28	6-48.92	12.12	2.31166	30	2.9	.66	.5	.8	c1
30901	1928	11.39	44-16.53	7-27.18	3.46	3.13207	42	10.7	.68	.6	.8	c1	
30904	1617	4.53	44-26.59	6-47.38	7.06	2.02 97	34	3.5	.44	.5	1.0	b1	
30912	1014	20.36	44-28.09	6-46.30	8.98	2.20140	23	3.6	.62	.6	1.0	c1	
30914	2234	44.86	44-16.24	7-25.96	4.92	2.31114	55	9.0	.61	.7	.9	c1	
31003	142	28.02	44-26.84	6-47.24	7.01	2.04118	36	3.6	.39	.4	.7	b1	
31006	1240	18.56	44-27.84	6-46.90	6.70	2.59158	22	3.1	.50	.4	.7	b1	
31016	1437	17.21	44-36.28	7- 1.32	11.20	2.28131	39	13.2	.45	.4	.7	b1	
31016	1612	41.25	44-27.69	6-47.04	6.23	2.68164	24	3.1	.59	.5	.8	c1	
31016	1623	25.94	44-36.28	7- 1.79	11.27	2.79164	40	12.8	.53	.5	.6	c1	
31018	538	13.14	44-27.78	6-47.35	6.87	2.35162	28	2.7	.51	.4	.6	c1	
31019	2113	51.68	44-36.64	7- 1.44	10.49	2.30157	39	13.5	.61	.5	.8	c1	
31020	022	46.03	43-20.42	5-25.57	6.72	2.83 99	137	4.8	1.05	2.2	1.5	d1	
31023	1223	33.41	44-26.07	6-47.80	8.79	2.02110	37	3.8	.47	.5	1.0	b1	
31027	2057	11.11	44-26.19	6-47.81	7.02	2.62212	30	3.8	.64	.5	.7	c1	
31030	112	10.13	44-58.82	6-39.38	14.03	2.26171	34	7.7	.66	.6	.7	c1	
31031	7	8	21.28	44-25.85	6-46.69	6.52	2.02102	33	2.3	.49	.5	1.0	b1
31031	1454	41.55	44-26.31	6-46.97	10.01	2.10112	33	2.8	.60	.6	.9	c1	
31102	837	57.03	44-26.19	7-18.59	16.13	2.21117	64	17.3	.46	.5	.7	b1	
31111	14	1	29.80	44-25.57	7-18.95	9.81	2.14135	85	18.3	.49	.5	.8	c1
31112	23	3	22.61	44-36.51	7- .91	9.18	2.13126	38	12.8	.53	.5	.9	c1
31114	047	39.60	44-36.19	7- .99	8.30	2.25157	38	12.8	.57	.5	.8	c1	
31204	310	21.63	44-21.84	7-17.95	14.79	2.16100	59	13.3	.43	.5	.6	b1	
31209	1431	8.52	44-38.25	7-15.82	8.98	2.31150	75	18.7	.60	.6	.9	c1	
31209	18	3	6.78	45-21.73	6- 1.51	11.86	2.40192	20	19.0	.70	.6	.7	c1
31214	1013	58.94	44-39.65	7- 3.24	12.98	2.09116	38	17.3	.41	.4	.8	c1	
31219	037	36.86	44-28.95	6-58.60	3.82	2.91160	117	13.0	.94	1.0	1.4	c1	
31221	135	57.20	44-27.49	6-58.34	.56	2.86188	123	12.9	.80	.8	1.2	d1	
31224	924	37.85	44-28.14	6-58.71	.86	2.40179	40	11.7	.54	.4	.8	d1	
40121	142	33.14	44-26.04	6-48.71	10.48	2.33156	31	5.0	.54	.5	.8	c1	
40128	20	9	22.64	45-27.42	5-25.02	11.55	2.93258	21	13.9	1.01	.7	.9	c1
40128	2220	27.17	45-27.61	5-25.03	12.60	2.14185	25	13.9	.80	.6	.8	c1	
40223	14	8	40.16	43-57.32	7-15.00	9.53	2.34107	63	6.5	.49	.6	.8	b1
40227	2241	34.24	44-27.75	6-46.36	7.41	2.52196	19	3.8	.59	.5	.6	c1	
40228	2259	30.97	45-28.83	5-25.03	10.64	2.88271	21	14.3	.76	.5	.6	c1	
40303	1048	53.81	43-59.88	6-16.22	16.04	2.20136	37	10.5	.66	.6	.9	c1	

40426	226	56.97	44-27.32	6-46.77	8.05	2.30190	28	3.7	.60	.5	.7	c1
40426	1812	.26	45- 5.11	7-23.83	6.64	2.38194	105	12.5	.83	.8	1.1	c1
40508	1238	43.37	44-38.25	7-14.27	8.07	2.31161	70	17.4	.55	.5	.9	c1
40514	030	34.21	45- 5.08	7-25.57	2.84	3.38250	90	14.5	.77	.6	1.2	d1
40517	6 9	16.63	45- 5.25	7-25.26	3.16	2.58171	123	14.0	.72	.8	1.0	d1
40517	835	6.07	45-42.17	6-56.24	14.86	2.21145	117	24.3	.63	.7	.7	c1
40612	1 4	43.82	44-10.60	6-30.66	12.97	2.24174	30	21.8	.61	.5	.7	c1
40612	444	33.42	45-42.53	6-57.03	9.90	3.01236	68	19.4	.72	.6	.7	c1
40623	2310	52.34	44-24.41	7-18.19	11.99	2.20139	38	18.0	.57	.5	.7	c1
40630	1854	1.29	44-45.22	6-46.57	7.48	2.29181	33	3.0	.48	.4	.6	b1
40717	1232	29.94	46- .28	6-38.57	9.29	2.16161	67	9.7	.69	.7	.9	c1
40719	626	31.04	44-57.41	5-40.16	12.65	2.02142	30	9.5	.62	.6	.8	c1
40720	412	20.37	44-25.66	6-47.66	7.47	2.29137	102	3.5	.57	.6	.7	c1
40721	1220	18.71	44-24.41	6-37.25	13.97	2.08 92	43	10.6	.48	.6	.7	b1
40724	21 3	2.14	44-25.85	6-48.62	7.96	2.52 69	105	4.8	.61	.9	1.3	c1
40724	21 3	40.13	44-25.34	6-48.00	6.09	2.61141	109	4.0	.66	.7	.8	c1
40825	2045	15.99	46-21.21	6-37.19	9.99	2.18150	98	5.5	.81	.9	.9	c1
40826	938	6.70	44-23.23	6-46.24	6.73	2.01 10	161	4.9	.27	1.6	1.8	c1
40901	17 4	38.06	44-27.12	6-46.92	9.86	2.27155	31	3.6	.49	.4	.7	b1
40929	845	8.39	45- 2.29	6-34.08	9.75	2.03145	34	15.5	.64	.6	1.0	c1
40930	10 6	14.52	44-24.00	7- 3.80	11.16	2.12141	40	12.6	.48	.4	.9	b1
41030	2127	58.85	44-25.32	6-45.10	10.45	2.05 13	117	.8	.28	1.1	1.2	b1
41130	1314	10.76	45- 4.93	6-29.07	9.18	2.11155	19	13.1	.74	.6	1.0	c1
41203	2228	59.35	44-21.64	7-19.66	10.76	2.57191	36	12.8	.78	.7	.7	c1
50123	1119	12.13	44-28.09	6-45.93	8.33	2.01113	31	4.0	.44	.4	.7	b1
50313	13 1	6.24	44-28.95	6-59.11	11.77	2.21125	126	13.7	.67	.8	.9	c1
50325	2319	28.27	44-29.38	7-17.80	10.91	3.60220	41	14.5	.62	.5	.6	c1
50402	433	51.84	44-45.38	6-46.38	8.22	2.91235	17	3.3	.53	.4	.5	c1
50402	8 3	33.25	44-26.92	7-17.19	11.63	2.11125	40	15.0	.49	.5	.8	c1
50408	2 5	52.00	44-23.75	7-18.40	16.86	2.19135	38	16.8	.58	.6	.6	c1
50410	8 4	38.09	45-21.62	6-33.59	8.82	3.07240	32	11.0	.72	.5	.7	c1
50410	12 1	15.53	45-21.76	6-34.00	13.87	2.05123	37	10.5	.58	.6	.7	c1
50410	1346	34.39	45-21.60	6-34.20	12.59	2.41172	34	10.7	.60	.5	.6	c1
50423	1953	11.46	44-29.70	6-25.91	11.59	2.25182	19	12.9	.69	.6	.8	c1
50504	1557	33.90	44-13.87	7-26.43	10.09	2.34147	45	1.8	.69	.7	.7	c1
50509	953	33.37	45-16.44	7- 6.91	8.68	2.15140	55	18.3	.72	.7	1.2	c1
50517	459	27.54	44-28.27	7-17.81	12.45	2.22161	46	14.9	.50	.5	.6	c1
50520	16 8	56.75	44-22.42	7-14.85	8.31	2.48172	36	15.6	.59	.5	.7	c1
50525	1635	46.90	44-53.20	6-43.15	9.03	2.37186	32	6.2	.51	.4	.6	c1
50612	2116	15.02	45- 6.08	7-23.69	6.88	2.87192	72	11.4	.75	.7	.8	c1
50613	1 3	29.18	45- 6.21	7-23.05	5.02	2.29172	72	10.6	.89	.9	1.2	c1
50705	1233	50.61	45-20.59	7-40.43	8.01	2.86170	105	19.7	.80	.8	1.0	c1
50706	1740	10.45	44-18.18	6-43.38	12.78	2.37163	44	14.2	.46	.4	.5	b1
50728	1839	55.14	45-43.61	7- 4.00	12.22	2.29166	82	24.5	.84	.8	1.0	c1
50901	528	20.50	46-23.72	6-13.35	17.87	2.18174	62	26.1	1.09	1.0	1.0	c1
50908	1127	17.52	46- 2.37	6-53.03	6.65	4.61280	86	12.2	1.03	.8	.9	c1
50908	1153	10.25	46- 2.64	6-55.70	5.03	2.75197	97	15.5	.77	.7	.9	c1
50908	1410	1.79	46- 2.68	6-56.52	6.66	2.73190	98	16.5	.87	.9	1.0	c1
50908	1650	6.88	46- 2.02	6-55.57	9.65	2.05118	103	15.6	.69	.8	1.0	c1
50909	1245	17.72	45- .44	6-38.37	8.48	2.68206	20	10.7	.66	.5	.8	c1
50910	1233	20.35	44-35.93	6-54.07	5.47	2.36153	45	3.7	.55	.5	.7	c1
50910	1325	28.99	44-35.93	6-53.99	4.52	3.04222	45	3.6	.70	.5	.7	c1
50918	2154	24.80	46- 2.03	6-54.55	9.56	2.08124	102	14.3	.59	.6	.9	c1
50926	420	38.89	45- 6.00	7-24.32	9.59	2.33162	87	12.2	1.01	1.0	1.3	c1
51001	2319	32.98	45- 3.30	5-42.67	10.65	2.81257	22	20.2	1.07	.7	1.0	c1
51004	6 8	16.76	44- 8.27	7-15.20	10.15	2.10130	22	13.3	.47	.4	.6	c1
51004	1337	14.94	44-25.61	7-18.45	12.38	2.55170	39	17.6	.62	.5	.7	c1
51009	0 5	40.57	44-35.57	6-54.19	9.08	2.05162	29	14.4	.59	.5	.8	c1
51009	126	6.05	44-35.59	6-54.06	6.96	2.15182	29	3.7	.60	.5	.8	c1
51009	923	37.37	44-35.51	6-54.66	6.06	2.50209	30	4.5	.61	.5	.7	c1
51015	710	51.01	44-37.15	6-41.70	10.91	2.41175	31	9.6	.53	.4	.6	c1
51016	649	1.59	44-36.83	6-41.94	11.24	2.28187	19	9.4	.55	.4	.5	c1
51019	115	2.89	46- 1.37	6-55.16	12.82	2.01144	86	1.8	.55	.6	.6	c1
51025	2117	52.00	44-28.13	7-18.06	13.00	2.22164	41	15.3	.54	.5	.6	c1
51026	217	26.46	44-36.96	6-42.25	10.52	2.20190	20	9.8	.57	.4	.6	c1
51028	14 5	47.61	46-11.38	6-57.12	6.99	2.01102	111	21.9	.95	1.2	1.6	d1
51031	339	58.47	45-42.07	6-20.41	5.44	3.21246	43	19.7	.90	.7	.9	d1
51105	1517	52.78	45-41.76	6-21.46	13.30	2.53235	43	20.4	.64	.5	.5	c1
51120	259	37.77	45-39.65	7-50.42	4.13	2.57177	114	11.5	.98	1.1	1.3	c1
51125	2234	51.10	43-58.38	6-46.84	14.09	2.18134	59	15.2	.60	.6	.7	c1
51220	2357	34.33	44- 6.41	6-58.33	8.27	3.29184	85	9.4	.70	.7	.7	c1
60111	1032	7.88	45-54.83	5-24.43	8.09	3.53272	32	14.6	.79	.6	.6	c1



60111	1511	59.27	45-	9.81	7-	7.20	10.57	2.50189	46	11.5	.73	.6	.8	c1
60125	140	19.35	44-	25.20	6-	49.61	13.12	2.23165	32	6.2	.79	.6	.9	c1
60215	1143	23.06	43-	25.65	5-	36.09	12.10	2.04 55	101	14.1	.50	.9	.9	c1
60216	1738	57.79	44-	.33	7-	40.26	13.71	2.56156	32	9.7	.76	.8	.6	c1
60228	256	33.33	44-	27.87	7-	15.45	11.32	2.20140	40	4.4	.52	.5	.6	c1
60307	056	54.21	44-	13.79	6-	42.22	13.74	2.07163	27	14.6	.53	.5	.5	c1
60416	132	59.13	46-	19.90	6-	49.84	9.58	2.12118	83	11.4	.95	1.2	1.2	c1
60427	1951	44.52	44-	32.21	6-	49.04	2.09	2.33170	43	6.2	.61	.5	.8	c1
60508	16 7	34.03	45-	8.20	5-	50.30	13.33	2.04160	22	13.9	.66	.6	.7	c1
60518	2039	11.72	45-	.90	6-	57.14	9.38	2.26137	70	16.5	.78	.7	1.3	c1
60519	18 7	19.33	45-	.73	6-	56.55	5.46	2.20134	43	9.7	.64	.6	1.3	c1
60630	034	44.86	45-	41.98	6-	20.17	8.27	2.17230	21	19.3	.96	.7	.9	c1
60711	1317	54.51	44-	24.37	7-	17.05	11.67	2.35122	47	17.4	.52	.5	.8	c1
60807	039	32.24	44-	34.74	7-	12.73	3.18	2.44142	64	8.8	.55	.5	1.0	c1
60808	1312	23.12	44-	56.88	6-	37.55	12.09	2.31155	38	4.5	.70	.6	.9	c1
60816	15 5	19.82	46-	4.29	7-	5.24	9.13	2.48156	106	27.6	.64	.7	.8	d1
60902	121	30.06	43-	54.65	7-	41.38	12.24	4.08251	56	7.1	.98	.9	.7	c1
60913	1347	25.89	44-	42.23	6-	51.79	8.43	2.19165	23	7.7	.65	.5	.8	c1
60923	141	33.23	44-	32.96	6-	49.89	7.48	2.28177	25	5.6	.56	.4	.7	c1
61024	1731	47.78	43-	54.13	7-	41.07	12.53	3.53280	70	6.3	1.02	.9	.6	c1
61031	1651	54.35	44-	21.65	7-	18.15	18.10	2.04104	59	16.5	.40	.4	.6	b1
61031	2011	8.27	44-	41.30	7-	14.51	14.84	2.36153	27	16.4	1.03	.9	1.3	c1
61122	1554	31.57	45-	50.87	6-	44.01	14.43	2.58229	53	19.6	.66	.5	.5	c1
61204	2241	51.16	43-	55.96	7-	39.50	15.65	2.12114	69	10.1	.73	.9	.8	c1
61217	8 6	1.07	44-	20.72	7-	31.31	13.08	2.10126	28	15.3	.50	.5	.6	c1
61219	914	21.68	44-	11.19	6-	57.88	13.43	2.22133	45	14.4	.41	.4	.5	b1
61230	1911	35.02	45-	17.37	5-	20.23	14.25	2.05173	28	1.6	.79	.7	.8	c1
70103	1314	18.24	45-	25.65	6-	37.90	11.48	2.94235	26	3.3	.74	.5	.6	c1
70103	1420	23.29	46-	11.53	7-	44.94	15.88	2.23130	101	22.9	.55	.6	.6	c1
70302	2141	41.03	45-	18.60	7-	24.36	14.72	2.35179	37	21.1	.85	.7	.9	c1
70306	934	47.18	44-	32.55	7-	2.89	10.05	2.10118	59	6.7	.38	.4	.9	b1
70326	344	3.63	44-	51.13	7-	18.50	7.67	2.00166	46	4.0	.58	.5	.7	c1
70329	1318	42.40	45-	49.76	7-	11.31	13.22	2.05159	36	11.9	.61	.6	.6	c1
70331	1012	14.19	45-	39.75	7-	26.37	16.48	2.39179	34	29.2	.90	.8	.9	c1
70331	1646	19.15	45-	7.29	5-	25.12	14.77	2.08143	31	21.3	.63	.6	.7	c1
70401	022	55.97	46-	6.78	7-	2.97	14.57	2.28203	75	12.8	.62	.5	.5	c1
70405	2013	46.52	45-	15.54	6-	40.51	7.22	2.29168	33	6.3	.67	.5	1.0	c1
70423	1652	49.69	44-	30.91	6-	52.94	10.86	2.52218	36	6.7	.46	.3	.5	b1
70429	650	5.09	46-	8.15	6-	42.22	8.89	2.04186	73	8.0	.67	.6	.7	c1
70605	1011	35.04	44-	25.30	7-	17.27	13.34	3.07196	26	9.7	.58	.5	.6	c1
70616	1817	14.96	45-	24.93	6-	34.45	11.45	2.44193	31	5.0	.51	.4	.5	c1
70721	19 4	56.40	43-	41.85	7-	43.42	20.84	2.26110	105	16.8	.47	.8	.5	c1
70725	1031	7.24	45-	7.94	7-	23.34	11.77	2.01125	43	9.9	.85	.9	1.3	c1
70801	917	27.96	43-	44.49	7-	42.61	23.41	2.34105	114	11.8	.37	.6	.4	c1
70807	5 5	9.71	46-	1.22	6-	53.26	11.01	2.11129	58	5.0	.52	.5	.6	c1
70811	1240	35.78	44-	32.66	7-	14.82	10.87	2.19158	40	4.5	.45	.4	.7	b1
70820	1354	38.92	44-	37.38	7-	2.63	14.07	2.10111	40	15.3	.38	.4	.8	b1
70820	1712	50.77	44-	37.67	7-	2.93	9.87	3.14214	22	15.7	.47	.3	.6	c1
70820	1724	42.08	44-	37.46	7-	2.31	14.05	2.12108	39	14.9	.43	.4	.9	b1
70825	621	12.93	43-	58.52	7-	33.02	11.94	2.22139	69	1.2	.56	.6	.7	c1
70828	1557	42.34	45-	9.52	6-	31.37	11.69	2.07161	23	18.1	.65	.5	.9	c1
70831	1621	15.29	44-	18.96	7-	1.12	7.05	2.36163	32	24.6	.40	.3	.7	c1
71004	1517	25.69	46-	15.75	7-	56.97	16.66	2.30153	149	23.6	.74	.9	.7	d1
71005	6 5	22.00	45-	1.15	6-	32.81	9.06	3.27207	22	14.4	.48	.4	.6	c1
71007	1439	14.54	44-	28.06	7-	17.04	14.47	2.19145	26	5.0	.44	.4	.6	b1
71024	2243	36.68	45-	.57	7-	20.50	19.83	3.21209	30	16.5	.88	.7	.7	c1
71025	715	19.49	44-	28.88	7-	16.86	13.47	2.65164	38	3.8	.49	.4	.7	b1
71103	2339	5.02	44-	22.01	7-	18.08	15.08	2.16126	58	13.6	.38	.4	.5	b1
71109	314	49.70	44-	23.84	7-	20.22	12.24	2.76199	34	13.9	.56	.5	.6	c1
71113	2013	26.85	44-	23.13	7-	16.13	14.05	2.38173	20	13.2	.51	.4	.5	c1
71201	2 7	28.74	44-	9.89	7-	52.92	16.79	2.11135	56	14.6	.49	.5	.6	b1
71212	2214	50.96	46-	9.04	6-	36.99	13.04	2.06152	46	12.8	.52	.5	.5	c1
80103	1421	5.70	46-	.78	7-	35.87	16.30	2.05 69	73	28.7	.78	1.0	1.4	c1
80105	3 8	20.70	45-	39.68	5-	6.29	16.62	2.22154	27	25.9	.77	.7	.9	c1
80111	010	24.36	44-	25.25	7-	19.60	14.70	2.27131	49	11.2	.55	.6	.8	c1
80117	1132	51.77	43-	50.55	7-	53.76	11.38	2.36 98	95	7.6	.70	1.2	.9	c1
80217	1241	31.15	45-	54.80	7-	8.46	11.14	3.44213	38	17.1	.81	.7	.8	c1
80220	4 5	5.21	43-	50.34	7-	53.45	6.61	2.84190	82	8.0	.82	1.0	.9	c1
80303	246	28.67	45-	39.72	6-	10.84	14.06	2.05171	21	8.3	.61	.5	.6	c1
80327	641	50.24	44-	7.88	7-	52.20	7.74	2.73132	66	15.9	.68	.7	1.1	c1
80418	738	11.40	44-	21.69	7-	17.39	13.19	2.43130	34	13.2	.45	.4	.7	b1
80506	145	33.66	44-	25.59	7-	18.35	14.35	2.18161	26	9.8	.51	.5	.6	c1

80519	153	39.58	44-19.79	7-22.41	12.18	2.77189	25	10.1	.65	.6	.6	c1
80603	1520	39.78	45-37.78	6-55.50	12.50	2.10131	42	18.8	.92	.9	1.2	c1
80617	1948	7.89	46-18.64	7-17.74	10.37	2.90198	58	27.0	1.21	1.2	1.1	d1
80709	1250	.29	44-35.43	7-14.82	12.52	2.25113	27	9.7	.46	.5	.8	b1
80724	413	44.08	46- 1.78	6-54.96	12.64	2.31122	66	14.9	.42	.5	.5	b1
80724	414	7.21	46- 2.45	6-54.41	13.10	2.58133	48	13.9	.71	.8	.9	c1
80809	2340	40.85	43-52.79	6-33.22	-1.36	2.15 11	94	7.7	.23	1.1	1.3	b1
80809	2340	57.64	43-52.59	6-33.66	1.78	2.10 10	94	7.3	.17	.8	.6	b1
80814	332	52.91	44-27.16	7-15.15	9.60	2.80189	19	12.4	.64	.5	.7	c1
80817	715	14.72	44-30.99	7-16.22	8.72	2.01105	37	2.5	.54	.6	1.0	c1
80820	1642	13.37	44-49.35	7-16.76	8.14	2.46163	29	1.9	.58	.6	.7	c1
80821	14 2	1.50	44-53.47	6-39.50	9.19	2.22151	19	2.4	.55	.5	.8	c1
81008	23 8	31.48	44-47.79	6-46.19	9.39	2.41176	26	7.7	.50	.4	.6	b1
81010	1355	39.07	44-34.56	6-50.01	10.97	2.15128	42	2.9	.51	.5	.8	c1
81024	3 6	39.44	44-22.16	7-19.69	14.82	4.10231	19	13.8	.78	.6	.6	c1
81024	347	29.84	44-22.54	7-18.37	11.31	2.77174	26	14.6	.57	.5	.7	c1
81024	422	34.62	44-21.90	7-18.14	15.09	2.42118	26	13.4	.46	.5	.6	b1
81031	1749	43.75	46-16.67	6-22.16	12.30	2.04125	42	17.9	.73	.7	.8	c1
81117	1125	8.83	46- 5.17	7-19.80	12.50	2.16150	55	6.1	.75	.8	.7	c1
81120	1320	18.48	46- 2.20	6-54.82	12.72	2.77196	48	3.3	.59	.5	.5	c1
81126	946	14.79	44-32.47	7-16.25	10.65	2.07 94	90	4.7	.43	.5	1.0	c1
81129	1843	58.08	44-34.20	6-50.16	7.88	2.49185	26	3.4	.48	.4	.5	b1
81207	1141	.12	44-33.40	6-54.18	10.35	2.28171	22	5.9	.57	.5	.6	c1
81207	2236	38.03	44-33.36	6-54.56	10.66	2.39175	20	6.3	.56	.5	.6	c1
81208	549	50.12	44-32.99	6-53.70	10.59	2.33175	22	6.1	.47	.4	.6	b1
81211	022	36.43	44-32.87	6-53.33	10.60	2.30158	28	6.1	.45	.4	.5	b1
81213	546	38.45	44-33.00	6-53.57	10.85	2.15161	22	6.0	.44	.4	.5	b1
81214	223	24.07	44-33.36	6-53.77	11.43	2.38170	33	5.6	.47	.4	.5	b1
81230	1251	5.00	45-35.30	6-38.84	10.92	2.13130	97	10.4	.51	.6	.6	c1
90209	1418	14.38	44-21.54	6-20.91	9.94	2.82166	43	13.3	.68	.6	.8	c1
90331	2220	54.11	45-12.83	7-29.29	20.80	2.18130	85	19.0	.93	1.1	1.3	c1
90402	1157	21.04	44-18.30	7-17.06	18.08	2.08 99	45	7.4	.43	.5	.6	b1
90421	1937	3.20	43-35.79	7-37.37	20.49	2.31111	116	26.4	.63	1.1	.8	c1
90426	1827	19.07	45-58.70	6-56.95	16.19	2.16117	51	19.6	.48	.5	.6	c1
90509	2054	57.41	46-11.59	7-17.93	11.66	2.19125	79	15.1	.92	1.0	1.3	c1
90619	4 1	12.75	45- 9.30	7-22.31	10.54	2.21153	65	8.4	.91	.9	1.2	c1
90628	414	46.11	44-20.02	7-13.11	18.05	2.15142	40	19.0	.61	.6	.7	c1
90706	12 7	22.17	44-18.69	7-23.77	24.15	2.06 85	48	24.5	.55	.7	1.0	c1
90709	1848	49.38	44-49.10	6-37.64	5.85	3.15193	31	10.5	.56	.4	.8	c1
90715	1720	24.33	44-37.41	6-54.29	8.42	2.39160	19	4.9	.48	.4	.7	b1
90731	415	51.02	44-43.72	6-49.40	7.82	2.05166	31	4.1	.45	.4	.6	b1
90813	1735	25.85	44-27.74	7-17.54	15.11	2.02 94	38	5.9	.37	.4	.7	b1
90816	2252	7.39	44-51.46	6-42.76	5.34	2.41156	22	15.2	.75	.6	1.7	c1
90819	2358	17.73	44-20.73	7-17.90	19.74	2.58116	56	11.3	.48	.5	.6	b1
90822	1722	4.66	44-44.44	6-40.39	7.75	2.60167	22	5.2	.52	.4	.7	c1
90823	1434	28.01	44-38.79	6-50.34	6.71	3.02165	27	5.6	.48	.4	.6	b1
90827	038	36.36	44-25.40	6-52.77	10.23	2.51171	33	8.3	.55	.5	.7	c1
90831	934	17.16	44-20.24	7-26.62	11.11	2.72177	40	12.1	.72	.7	.8	c1
90902	1526	7.61	44-45.31	6-46.11	5.36	2.79191	22	3.1	.51	.4	.7	c1
90917	1717	21.15	44-22.10	7-16.81	11.33	2.96167	42	14.1	.58	.5	.7	c1
90929	2320	.31	44-46.07	7-37.78	22.09	2.38165	75	29.9	.83	.9	.8	c1
91001	2052	25.24	45-26.80	6- 2.87	15.48	2.21201	20	18.1	.66	.5	.6	c1
91008	1745	33.93	46-17.48	7-16.26	12.21	2.31150	57	25.7	.82	.8	1.0	c1
91012	1755	24.35	44-20.93	7-30.91	11.31	2.10103	67	15.3	.66	.8	1.6	c1
91021	1610	58.30	46- 8.56	6-45.00	10.37	2.83201	70	8.6	.71	.6	.6	c1
91125	20 2	25.76	44-34.65	7-13.87	8.62	2.31140	50	8.3	.42	.4	.7	b1
91204	222	24.49	45- 5.22	7-22.15	12.35	2.16132	77	10.6	.73	.8	1.0	c1
91217	1139	28.64	44-21.51	7-17.24	12.49	2.33132	33	12.9	.48	.5	.7	b1
91217	2318	38.42	44-21.51	7-17.79	10.49	3.10185	25	12.8	.53	.5	.6	c1
91218	135	5.87	44-21.07	7-17.11	13.15	2.00 95	59	12.2	.41	.5	.8	b1
91225	624	15.90	44-34.66	6-50.74	10.03	2.16151	19	2.3	.48	.4	.6	b1
91231	1049	36.34	46-13.08	7-38.33	11.47	2.65186	47	23.5	1.08	1.0	1.1	c1
100205	236	10.00	44-22.26	7-16.23	9.72	2.88175	42	14.6	.56	.5	.7	c1
100220	21 8	32.94	43-54.56	7-45.35	21.07	2.23104	91	18.4	.63	1.0	.9	c1
100224	2349	15.69	45- 6.99	7-23.27	15.78	2.24153	79	10.3	.67	.7	.9	c1
100312	1338	42.90	44-26.34	7-19.91	13.74	2.38120	64	9.9	.40	.4	.7	b1
100322	2226	4.03	44-19.05	6-27.43	12.59	2.01117	34	9.4	.52	.5	.8	c1
100404	2116	28.87	45-50.89	7-29.14	6.17	3.08194	64	28.1	.75	.6	1.0	d1
100515	5 9	43.56	46- 8.27	7-42.78	10.11	3.12198	50	21.7	.82	.7	.8	c1
100521	17 9	17.22	44-35.66	7-14.58	10.95	2.37144	146	10.1	.44	.5	.7	c1
100526	2014	42.07	45- 5.63	7-24.61	11.50	2.37169	126	12.9	.76	.8	1.0	c1
100601	330	6.09	45-51.26	7-28.93	10.54	2.39195	63	28.8	.96	.8	1.0	d1

100613	1720	58.46	44-13.16	6-44.72	9.51	2.27143	63	12.5	.62	.6	.9	c1
100614	1232	45.96	44-59.75	6-52.07	9.86	2.29137	57	10.3	.53	.5	.9	c1
100616	952	21.81	44-29.90	7-16.62	16.61	2.04101	125	2.6	.40	.5	.6	c1
100624	1757	22.17	44-59.57	5-37.01	14.51	2.12166	27	15.2	.53	.4	.6	c1
100630	1153	43.83	45-23.75	6-28.52	8.37	3.74220	24	12.3	.67	.5	.7	c1
100708	2020	50.78	43-48.07	5-46.70	16.42	2.53142	128	25.4	.85	1.1	.9	c1
100710	241	37.68	46-.27	7-39.70	9.83	2.46171	58	21.5	.81	.8	1.0	c1
100729	827	2.05	44-59.78	6-32.38	5.70	2.2116	129	21.5	.58	2.3	11.4	d1
100729	848	36.16	44-58.80	6-34.67	10.18	2.02140	35	9.5	.53	.5	.8	c1
100811	128	54.86	45-30.86	7-50.40	1.54	3.07153	142	7.3	1.09	1.3	1.3	d1
100824	115	49.18	44-28.57	7-11.95	16.75	2.28152	70	4.8	.52	.6	.6	c1
100831	745	15.14	45- 7.30	7-22.55	14.19	2.28121	136	9.2	.64	.8	1.1	d1
100902	1717	48.96	44- 3.61	7-15.91	5.77	2.09140	44	14.7	.45	.4	.9	c1
100922	410	11.42	44-47.29	6-46.21	6.51	2.3686	49	14.4	.47	.5	1.4	c1
100929	146	42.86	44-31.45	7-17.28	9.63	2.85152	49	4.1	.59	.6	.8	c1
101004	15	.84	46-12.99	7- 1.40	.78	2.0213	138	14.9	.34	1.3	1.6	c1
101005	1458	36.01	46-15.32	6-57.50	-1.61	2.6410	121	9.6	.11	.5	.9	b1
101010	1123	12.35	44-28.23	7-12.06	15.75	2.15128	76	5.1	.44	.5	.6	b1
101019	337	42.96	45- 1.71	7-34.96	12.81	2.27157	95	28.3	.81	.9	1.0	c1
101020	2336	20.83	44-35.97	7-14.88	13.25	2.1157	147	10.7	.33	.6	.9	c1
101021	13	.48	44-36.30	7-15.16	14.09	2.0380	139	11.3	.48	.7	1.2	c1
101021	1513	49.10	44-37.59	7-15.31	14.66	2.2398	136	13.7	.49	.7	.8	c1
101022	2033	.79	45-30.23	7- 5.64	7.12	2.02122	58	5.9	.62	.7	.9	c1
101023	2040	30.53	44-36.59	7-15.67	13.98	2.30110	136	11.9	.43	.6	.6	c1
101023	2045	52.42	44-36.74	7-15.58	12.15	2.5367	140	12.2	.46	.8	1.2	c1
101023	2113	51.86	44-36.90	7-16.10	13.46	2.23100	137	12.5	.43	.6	.7	c1
101023	22	5	54.82	44-36.55	7-15.83	2.96123	136	11.8	.57	.7	.7	d1
101024	1129	40.48	44-36.65	7-15.91	11.10	3.22168	136	12.0	.53	.6	.6	d1
101026	749	49.19	44-36.25	7-15.80	11.67	2.2458	94	11.3	.41	.6	1.3	c1
101026	9	3	32.47	44-36.48	7-15.78	2.58137	49	11.7	.39	.4	.5	b1
101026	9	4	6.52	44-36.51	7-14.25	2.4676	143	11.7	.41	.6	.9	c1
101031	2152	31.04	45- 7.41	6-32.22	11.33	2.02122	31	11.5	.42	.4	.8	b1
101031	2214	15.98	45- 7.62	6-31.92	11.46	2.16128	31	10.9	.61	.6	1.0	c1
101101	8	0	58.98	45- 7.67	6-32.33	2.27127	31	11.3	.49	.5	.9	b1
101101	924	48.68	45- 7.71	6-31.28	10.73	2.5136	83	19.8	.41	.8	3.4	c1
101101	925	6.14	45- 7.71	6-32.79	14.54	2.50147	32	18.1	.47	.4	.8	c1
101101	1117	1.71	45- 7.56	6-31.72	12.57	2.18145	31	10.8	.48	.4	.8	b1
101101	1844	35.39	45- 7.37	6-31.97	10.26	2.12108	31	11.3	.45	.5	1.3	b1
101101	1845	3.89	45- 7.27	6-31.68	9.92	2.1499	48	19.8	.42	.5	2.2	c1
101103	1219	10.29	45-27.78	7-36.75	16.01	2.02104	99	11.9	.62	.8	.9	c1
101111	1337	46.87	44-36.94	7-15.35	15.04	2.14110	147	12.5	.40	.5	.6	c1
101111	1824	18.43	44-37.04	7-15.49	14.61	2.28125	136	12.7	.45	.6	.6	c1
101111	22	0	51.98	44-37.04	7-15.47	2.64139	136	12.7	.45	.5	.6	c1
101111	2236	27.29	44-37.07	7-15.21	12.11	2.62115	151	12.7	.43	.6	.7	c1
101111	2244	39.97	44-36.66	7-15.28	13.83	2.1891	151	12.0	.37	.6	.8	c1
101112	446	3.32	44-37.47	7-16.15	12.84	2.75148	137	13.6	.50	.6	.7	c1
101114	045	1.22	44-37.57	7-15.64	12.50	2.04115	136	13.7	.43	.6	.7	c1
101114	2031	58.43	44-23.03	7-17.93	14.21	2.38135	114	14.0	.43	.5	.6	c1
101201	1637	24.20	43-42.73	7-43.55	18.96	2.1676	106	15.2	.49	1.0	1.0	c1
101206	641	23.97	46-.98	6-53.10	10.55	2.77222	48	5.5	.63	.5	.6	c1
101208	154	50.33	45- 7.77	6-32.13	10.81	2.02140	31	11.0	.58	.5	1.0	c1
101213	1211	38.21	44-41.98	6-45.25	9.80	2.01109	51	3.3	.42	.5	.6	b1
101218	2136	25.50	44-36.19	7-12.33	17.84	2.25133	138	11.5	.46	.5	.6	c1
101219	11	1	47.45	44-50.96	7-14.57	2.3198	112	1.8	.52	.7	1.0	c1
101219	11	2	20.20	44-51.41	7-14.60	2.76161	127	2.3	.61	.7	.7	c1
110108	2028	44.53	46-16.63	7-30.91	14.51	2.02107	114	23.4	.40	.5	.7	c1
110108	2048	17.08	46-17.44	7-31.84	9.22	3.03190	103	25.2	.70	.7	1.0	d1
110108	2220	26.08	46-17.81	7-31.59	7.45	2.92176	104	25.7	.70	.7	1.1	d1
110108	2332	29.28	46-16.81	7-31.63	13.44	2.47139	84	24.0	.50	.5	.9	c1
110203	316	6.61	43-49.02	7-33.06	12.95	2.72133	91	10.7	.76	1.0	.9	c1
110222	1047	16.71	44- 9.30	7-13.35	5.08	2.71135	37	12.9	.55	.5	.9	c1
110228	11	0	57.16	45-18.73	6-26.78	2.02145	25	13.3	.55	.5	.9	c1
110411	932	9.07	45- 7.22	7-24.20	13.69	2.14114	124	11.3	.61	.8	1.1	c1
110416	2349	28.71	44-15.63	6-12.37	9.19	2.30196	32	16.1	.66	.6	.8	c1
110419	20	4	41.91	44-18.28	7-24.51	2.68197	26	8.4	.75	.6	.6	c1
110426	2311	49.37	43-55.67	7-44.92	11.01	2.35127	56	9.6	.66	.8	.9	c1
110429	1933	3.33	44-23.53	7-20.34	16.17	2.22141	117	14.4	.53	.6	.6	c1
110527	1421	53.73	44-29.12	7-17.24	14.43	2.0175	88	3.9	.48	.6	1.2	b1
110601	1255	42.17	45-12.80	6-21.36	10.30	2.23159	22	6.2	.44	.4	.8	b1
110615	1721	18.25	44-28.60	6-53.26	4.34	2.15112	58	6.0	.45	.5	1.1	b1
110723	1656	53.64	44-58.89	7-10.75	11.32	2.03111	64	16.9	.62	.7	1.3	c1
110725	1231	20.13	44-59.73	7-23.99	11.90	4.37211	27	20.0	.98	.8	.9	c1

110821	1939	44.56	46-	1.79	6-53.50	8.47	2.66179	50	3.9	.49	.4	.6	b1	
110918	1355	26.01	44-	59.99	7-20.00	14.64	2.02109	50	17.3	.83	.9	1.3	c1	
111004	14	8	21.21	44-	25.72	6-51.96	9.46	2.21136	31	7.2	.44	.4	.7	b1
111109	1221	1.42	45-	23.00	6-30.33	12.64	2.13141	32	11.2	.44	.4	.7	b1	
111110	1719	36.26	43-	51.33	7-24.14	7.91	2.23114	101	2.8	.46	.5	.6	c1	
111112	142	9.47	46-	6.68	7-25.28	9.07	2.14106	102	3.6	.46	.5	.7	c1	
111214	943	21.67	44-	25.64	7-22.04	7.45	2.32109	39	12.9	.48	.6	1.3	c1	
120101	0935	13.08	46-	11.80	6-24.59	9.94	2.34	69	88	15.3	.37	.6	1.0	c1
120114	1829	33.10	44-	25.77	7-17.38	10.31	2.14	87	58	8.9	.43	.5	1.0	b1
120205	1742	50.25	44-	29.31	7-17.86	7.55	2.03	63	77	4.5	.41	.6	1.2	b1
120207	2050	41.66	44-	21.17	7-18.05	6.70	2.50	90	63	12.1	.65	.8	1.4	c1
120226	2237	55.52	44-	30.47	6-42.16	10.12	4.29110	45	9.3	.45	.5	.8	b1	
120226	2339	34.87	44-	29.89	6-41.72	6.83	3.42110	46	8.1	.36	.4	.7	b1	
120227	0711	26.54	44-	30.04	6-42.44	7.13	2.72110	45	8.6	.43	.4	.9	b1	
120227	1631	21.50	44-	29.66	6-41.77	7.13	3.42	97	50	8.4	.42	.5	.9	b1
120227	2305	27.55	44-	30.26	6-42.46	5.15	2.33	97	45	8.4	.48	.5	1.1	c1
120228	0901	1.95	44-	29.67	6-42.64	7.31	2.32	81	56	7.9	.38	.5	.9	b1
120229	0544	9.84	44-	57.55	7-10.67	15.48	2.74101	42	14.7	.67	.8	1.7	c1	
120302	0715	50.94	44-	29.48	6-42.09	6.36	3.64101	50	3.0	.44	.5	.9	b1	
120303	1945	40.13	44-	7.56	6-52.59	.28	2.29	96	95	8.1	.47	.6	.8	c1
120305	1456	49.63	44-	30.30	6-40.93	3.63	2.80	82	46	4.8	.44	.5	1.2	b1
120305	1634	50.47	44-	30.40	6-40.99	7.85	2.29	66	46	4.8	.40	.5	1.1	b1
120306	0927	1.68	44-	30.29	6-41.02	6.48	2.10	69	46	4.7	.46	.6	.9	b1
120307	2330	18.95	44-	30.25	6-41.24	4.53	3.15	89	46	4.4	.40	.5	.8	b1
120308	1826	22.21	44-	29.34	6-41.91	5.12	2.98	97	47	3.2	.42	.5	.8	b1
120309	0659	33.63	44-	30.31	6-41.39	7.85	2.21	75	46	4.3	.43	.6	1.0	b1
120312	0956	49.29	44-	27.79	7- 7.83	7.81	2.73114	33	5.0	.49	.5	1.1	b1	
120312	1623	46.23	45-	18.33	7-18.50	9.34	2.11100	62	17.8	.56	.7	2.1	c1	
120314	0703	37.65	44-	30.08	6-41.43	6.49	2.82113	46	4.1	.42	.5	.7	b1	
120314	0801	40.70	44-	30.04	6-41.43	7.03	2.04	91	46	4.0	.42	.5	.8	b1
120317	2244	20.54	46-	2.68	7-17.55	6.86	2.15	68	104	9.8	.47	.7	2.0	c1
120321	1101	58.07	46-	17.62	7-21.76	2.57	2.04	41	180	23.9	.48	1.2	2.9	d1
120325	0805	30.76	44-	29.09	6-42.29	5.24	3.42113	47	2.3	.43	.5	.6	b1	
120325	2109	21.75	44-	30.79	6-42.27	5.83	2.19105	44	3.8	.48	.5	.9	b1	
120326	0628	26.72	44-	16.83	7-17.22	13.43	2.30	99	93	5.0	.50	.6	1.0	c1
120326	2011	31.60	44-	30.07	6-41.25	5.26	2.67	94	49	4.3	.47	.6	.8	b1
120403	0245	3.71	46-	11.64	7-39.64	4.18	2.07	69	89	5.3	.42	.6	1.4	b1
120403	0339	57.68	44-	30.51	6-42.47	7.66	2.37100	45	3.2	.45	.5	.7	b1	
120414	2117	29.72	44-	37.56	7-15.68	15.32	2.03	79	34	13.7	.51	.7	1.5	c1
120420	0457	33.91	44-	29.26	6-42.65	8.08	2.50100	46	2.3	.39	.5	.7	b1	
120502	0726	14.12	44-	29.03	6-42.30	7.74	2.11	78	47	2.2	.35	.5	.6	b1
120504	2113	17.23	44-	29.10	6-42.91	6.35	2.22	89	50	1.9	.49	.6	.8	b1
120510	1855	41.77	44-	28.88	6-42.62	7.72	2.02	82	47	1.8	.36	.5	.6	b1
120520	2245	51.35	45-	40.67	7-50.69	5.40	2.56	63	121	22.0	.52	.9	3.0	d1
120525	1250	59.72	45-	15.88	6-32.62	5.24	2.67	86	38	12.0	.34	.4	1.9	c1
120526	1718	32.10	44-	30.89	6-42.82	7.63	2.54	78	47	3.4	.43	.6	.9	b1
120530	0557	21.00	44-	29.20	6-42.60	8.88	2.23	69	65	2.3	.38	.5	.7	b1
120530	1649	9.78	44-	44.88	6-43.26	1.01	2.30	58	47	8.9	.44	.6	.8	c1
120530	1651	24.26	44-	44.69	6-43.53	.26	2.11	64	47	9.1	.45	.5	.8	c1
120617	1120	37.27	45-	55.75	6- 6.07	.87	2.46	68	83	17.2	.45	.7	1.1	c1
120707	0327	52.71	43-	59.33	7-26.79	5.78	2.19	77	78	8.5	.45	.6	1.4	b1
120713	0609	50.45	44-	29.48	6-43.81	7.59	2.34	89	57	.7	.40	.5	.7	b1
120716	0234	16.06	43-	55.52	7-45.02	1.57	2.36	83	105	9.4	.47	.8	1.0	c1
120724	1310	4.60	44-	27.94	6-58.83	5.30	2.77107	39	11.7	.46	.5	1.3	c1	
120803	2108	2.91	44-	2.57	7-40.06	1.73	2.23	56	53	9.0	.48	.7	.9	c1
120811	1715	11.40	44-	28.73	6-43.10	6.69	2.44	84	50	1.2	.38	.5	.6	b1
120919	1856	.02	43-	52.82	5-48.89	8.91	3.12	99	137	23.2	.54	.8	.8	d1
120919	2000	8.44	43-	52.79	5-51.00	6.06	2.25	63	130	23.7	.58	1.0	1.6	d1
120924	0701	42.27	44-	26.29	7-17.15	14.33	2.45	88	37	7.9	.39	.5	1.1	b1
120929	0446	20.06	43-	54.04	5-50.62	1.57	2.14	73	85	1.1	.63	1.0	.6	c1
121003	0920	44.18	44-	34.46	7-13.78	4.72	4.12102	32	8.0	.34	.4	1.1	c1	
121004	1727	47.62	44-	37.93	7-16.48	8.28	2.34	88	120	14.5	.48	.7	1.5	c1
121005	1245	44.05	45-	50.95	6-54.36	5.96	2.27	91	43	14.9	.42	.5	1.5	c1
121005	1446	5.19	44-	38.07	7-16.34	15.21	2.02	75	100	14.7	.52	.7	1.6	c1
121005	1509	1.47	44-	37.21	7-16.01	13.93	2.57	75	111	13.1	.44	.6	1.2	c1
121005	1910	41.52	44-	37.64	7-16.45	10.63	3.38108	62	14.0	.48	.5	1.2	c1	
121005	2003	29.22	44-	37.34	7-16.02	13.69	2.08	69	61	13.3	.45	.7	1.3	b1
121006	0530	7.65	44-	37.74	7-16.60	9.55	2.11	59	100	14.2	.50	.8	1.8	c1
121011	1418	41.26	45-	2.50	6-37.19	9.69	2.32	87	36	4.5	.38	.4	.8	b1
121012	2041	36.70	45-	50.44	7-21.33	4.92	2.24	64	76	15.5	.45	.6	3.8	c1
121017	1217	13.62	44-	29.36	6-42.05	8.28	2.00	75	50	2.9	.33	.4	.6	b1
121025	0110	57.33	46-	1.83	6-54.42	2.94	3.26100	51	14.2	.46	.5	1.4	c1	

121102	1822	39.78	44-28.62	6-43.71	7.07	2.61	78	40	.9	.36	.5	.6	b1
121105	0403	16.14	44-29.34	7-16.13	5.33	2.24	86	65	2.5	.36	.4	.8	b1
121111	2013	43.55	44-47.97	6-45.73	7.11	2.11	67	43	13.7	.37	.5	1.4	c1
121122	1108	5.02	44-28.65	6-42.17	8.91	2.06	74	51	1.9	.34	.5	.7	b1
121125	1456	46.22	44-28.88	6-42.45	8.23	2.02	82	51	1.9	.37	.5	.7	b1
121128	1332	50.17	45-54.90	7-45.63	9.16	2.77	75	64	9.5	.48	.6	1.2	b1
121210	2301	41.71	44-21.47	7-15.17	11.89	2.14	73	54	16.2	.45	.6	1.2	c1
121212	0755	46.92	45-14.71	5-57.66	10.33	2.64	85	54	12.7	.43	.5	1.2	b1
121215	2200	25.05	44-28.75	7-16.86	17.62	2.05	70	65	3.9	.40	.6	.9	b1
121222	2123	57.61	44- 2.13	7-45.34	5.68	2.30	84	70	14.2	.39	.5	1.4	c1
121224	1429	52.21	44-17.72	7-28.20	7.67	2.36	92	50	8.4	.42	.5	1.1	b1
121225	1431	33.33	44-28.79	6-42.43	8.57	2.11	83	51	1.8	.34	.4	.7	b1
121231	1248	6.49	44-30.31	7-17.26	15.76	2.58	98	36	3.4	.53	.7	.9	c1
130102	2356	16.37	44-43.03	6-38.55	.89	2.92	95	42	1.9	.46	.5	.5	b1
130105	0746	51.39	46- 8.91	7-40.40	.88	2.41	59	157	21.9	.45	1.1	1.2	c1
130107	0420	24.00	44-45.74	6-38.01	1.88	3.66	92	41	5.3	.38	.4	.5	c1
130107	0910	12.09	44-45.65	6-37.21	3.46	2.11	89	40	5.0	.45	.5	1.9	b1
130115	1420	59.28	44-37.84	6-54.40	7.30	2.03	93	67	18.2	.36	.4	1.4	c1
130123	1533	4.03	44-25.56	7-16.03	15.68	2.04	65	73	15.0	.46	.7	1.3	b1
130202	0616	58.47	45-55.29	7-44.87	6.84	2.35	55	61	10.7	.38	.7	1.9	c1
130202	1551	23.61	44- 5.79	7-36.81	3.11	2.09	28	102	2.2	.23	.5	.9	b1
130206	1623	19.00	44-24.52	6-56.70	5.09	2.14	80	40	13.2	.33	.4	1.3	c1
130208	0115	1.87	44-32.77	7-13.43	6.89	2.23	86	110	5.0	.44	.6	1.1	c1
130210	2314	19.73	44-30.77	6-41.37	9.38	2.19	92	48	4.7	.35	.4	.7	b1
130225	0101	41.68	45-19.64	7-30.14	2.84	3.49	107	70	27.3	.63	.8	2.3	d1
130313	2234	50.50	44- 1.21	7-35.90	.60	2.21	66	64	5.3	.42	.6	.7	c1
130330	2043	20.06	44-40.41	7-29.66	7.97	2.72	109	36	26.1	.58	.7	2.2	d1
130406	2049	5.71	45-55.50	6- 6.03	1.99	2.68	102	59	.6	.39	.5	.2	b1
130406	2202	56.24	46- 9.15	6-57.71	1.89	2.10	52	67	20.3	.38	.6	1.9	c1
130406	2315	29.11	46- 7.70	7-25.00	6.96	2.51	80	97	5.4	.41	.5	1.0	c1
130407	0313	12.49	44-16.16	7-23.44	7.10	3.54	107	71	4.9	.57	.7	.9	c1
130407	1928	22.01	45-17.01	7-31.27	6.21	2.64	106	91	25.1	.75	.9	5.2	d1
130413	1730	38.42	44-47.22	6-45.72	8.77	2.25	76	44	13.9	.41	.5	1.1	c1
130413	1915	38.23	44-45.70	6-44.71	8.39	2.08	78	46	11.3	.33	.4	1.0	b1
130414	2020	43.91	44-34.97	7-13.93	5.73	2.16	93	32	8.9	.34	.4	1.1	c1
130415	1512	26.29	46-17.49	7-22.70	6.29	2.00	46	138	19.1	.43	.8	2.8	c1
130417	1337	39.66	44-30.12	6-41.45	9.68	2.02	72	49	4.1	.33	.5	.6	b1
130505	0533	35.77	44-52.47	6-39.72	6.27	2.07	100	28	4.2	.43	.5	1.0	b1
130506	0954	55.77	44-52.50	6-39.52	5.59	2.20	59	37	4.1	.47	.6	1.4	b1
130601	0416	20.61	44-15.48	6-13.95	5.06	2.22	57	88	16.6	.35	.6	1.4	c1
130601	0417	10.07	44-16.07	6-13.18	4.96	2.28	24	136	16.3	.45	1.5	10.6	c1
130601	1631	57.45	44-15.73	6-14.03	4.25	3.33	76	88	17.1	.48	.8	1.4	c1
130601	1646	57.19	44-15.81	6-13.78	4.78	2.45	83	89	17.2	.41	.6	1.1	c1
130601	1912	32.05	44-15.65	6-13.52	-1.14	2.09	61	90	16.9	.48	.9	1.5	c1
130601	2221	48.84	44-15.58	6-14.13	1.68	2.56	80	87	16.8	.41	.7	1.0	c1
130613	2213	22.69	44-11.73	7-58.26	7.62	2.05	69	51	11.7	.40	.6	1.2	c1
130615	1918	15.15	44-29.10	6-42.02	6.96	2.04	78	50	7.4	.37	.4	.7	b1
130618	1732	56.73	46-15.63	7-14.02	-.37	2.28	54	135	23.4	.44	.7	1.0	c1
130708	0425	11.74	46-10.41	5-22.59	4.47	2.65	86	179	20.8	.42	.9	.8	c1
130724	1903	34.61	45-38.30	6-43.06	1.61	2.32	71	34	9.1	.36	.4	.7	c1
130730	0158	32.95	45-53.96	6-55.84	12.74	2.28	73	54	17.6	.42	.5	1.3	c1
130823	2004	28.95	44-33.44	7-35.17	8.52	2.12	93	37	27.8	.61	.7	1.7	d1
130827	0118	55.32	45-19.42	5-38.61	.54	2.23	89	89	12.0	.43	.6	.9	c1
130916	1330	15.85	44-30.72	6-40.56	10.18	2.20	63	49	5.9	.31	.5	.8	b1
130929	0403	57.61	46- 1.01	6-36.57	-.10	2.38	69	38	10.9	.43	.6	.9	c1
131015	0247	14.17	44-25.63	7-17.73	10.89	3.73	103	37	9.4	.67	.8	1.1	c1
131023	2042	10.82	46-10.67	7- 9.67	8.99	2.31	55	102	21.9	.29	.5	1.7	b1
131031	2209	35.64	43-59.59	7-31.74	6.17	3.22	87	63	2.1	.62	.8	1.1	c1
131109	1017	58.80	43-59.73	7-31.74	6.76	2.68	64	137	21.6	.43	.7	1.2	c1
131110	0454	10.78	44-27.55	7-17.57	11.83	2.12	71	33	6.2	.47	.6	1.1	b1
131111	2006	46.37	44-21.12	7-17.81	2.61	2.10	61	41	12.1	.43	.6	1.0	c1
131113	0252	55.79	44-33.70	7-18.30	5.60	2.26	80	50	8.0	.44	.6	1.5	b1
131115	1447	19.16	43- 3.50	6- 5.93	9.16	2.35	34	163	29.7	.64	2.7	2.0	d1
131203	1438	23.80	44-30.31	7-14.53	6.49	2.52	108	27	.3	.43	.5	.8	b1
131212	1034	21.55	46-11.45	7-35.91	2.81	2.28	71	66	2.2	.43	.7	.6	b1
131218	2249	50.17	46-17.70	7-45.34	10.04	2.02	53	102	10.5	.45	.9	1.5	c1
131219	0859	33.32	44-44.42	6-40.23	2.57	2.63	112	24	5.0	.41	.4	.6	b1
131221	1609	21.99	44-28.67	6-43.06	4.76	3.14	109	50	6.0	.34	.4	.8	b1
131221	1620	34.84	44-28.67	6-42.55	5.55	2.18	76	51	6.3	.29	.4	.8	b1
131225	2202	11.15	44-21.53	7-18.05	15.30	2.06	49	108	12.7	.40	.8	1.1	c1