

Table S1. The Complete Dataset of the Moon sight visibility

C	H. Y.	M.	Sight Date	Best Time	Lat	Lon	Age	W	ARCL	ARCV	DAZ	SO	A
O	1423	10	2002-12-04	14:50:48	30.9	35.8	7.26	0.03	3.31	1.6	2.9	I	I
O	1419	11	1999-02-16	15:03:05	33.3	44.4	8.39	0.03	3.42	2.94	1.75	I	I
O	1422	9	2001-11-15	13:51:06	24.3	54.3	7.17	0.03	3.43	3.42	0.34	I	I
O	1422	9	2001-11-15	14:53:13	31.9	35.8	8.2	0.04	3.92	3.68	1.36	I	I
O	1425	4	2004-05-19	15:51:47	29.4	48	10.98	0.05	4.26	4.26	0.13	I	I
O	1422	7	2001-09-17	13:17:52	4.1	73.3	2.83	0.05	4.3	2.62	3.4	I	I
O	1423	10	2002-12-04	17:11:31	10.3	9.8	9.6	0.05	4.33	3.71	2.23	I	I
O	1422	7	2001-09-17	14:56:28	26.6	50	4.47	0.06	4.38	4.25	1.09	I	I
O	1423	10	2002-12-04	17:43:19	6.5	3.4	10.13	0.06	4.59	4.14	1.99	I	I
S	1404	4	1984-01-03	15:32:55	15.6	35.6	10.27	0.05	4.64	3.23	3.33	I	I
O	1421	12	2001-02-23	17:45:36	-33.9	18.4	9.39	0.06	4.89	4.73	1.24	I	I
O	1422	9	2001-11-15	17:08:33	10.3	9.8	10.46	0.06	4.9	4.9	0.02	I	I
O	1425	3	2004-04-20	02:12:27	32.4	-111	12.84	0.06	4.96	4.63	1.77	I	I
S	1340	9	1922-04-27	16:25:49	-33.9	18.5	11.37	0.07	5.09	4.44	2.49	I	I
O	1425	12	2005-01-10	17:36:39	11.2	7.6	5.55	0.08	5.24	2.06	4.82	I	I
O	1425	9	2004-10-14	14:26:59	26.6	50	11.63	0.08	5.34	3.33	4.18	I	I
O	1425	8	2004-09-15	01:44:55	32.4	-110.8	11.25	0.07	5.34	4.45	2.94	I	I
O	1422	12	2002-02-12	17:58:12	-33.9	18.4	10.27	0.07	5.39	5.24	1.26	I	I
O	1422	9	2001-11-15	17:44:33	-33.9	18.4	11.06	0.08	5.52	3.36	4.38	I	I
O	1422	12	2002-02-12	16:30:00	43.9	18.4	8.8	0.08	5.58	0.85	5.51	I	I
O	1425	4	2004-05-19	18:56:10	32.5	3.7	14.05	0.08	5.62	5.59	0.62	I	I
S	1409	11	1989-06-04	05:13:06	19.8	-155.5	9.32	0.09	5.88	5.1	2.93	I	I
O	1425	9	2004-10-14	15:22:41	30.4	35.5	12.56	0.09	5.9	3.32	4.88	I	I
O	1420	8	1999-11-08	14:57:11	32	35.9	11.05	0.09	5.9	5.87	0.63	I	I
O	1420	8	1999-11-08	15:02:16	31.8	34.7	11.14	0.09	5.93	5.89	0.63	I	I
S	1276	7	23-01-1860	15:55:03	38	23.7	15.63	0.09	6.07	5.25	3.04	I	I
O	1423	1	2002-03-14	13:31:21	4.1	73.3	11.46	0.09	6.12	5.43	2.83	I	I
S	1288	4	18-06-1871	18:09:03	38	23.7	15.66	0.09	6.21	4.32	4.46	I	I
O	1424	8	2003-09-26	14:46:49	26.6	50	11.61	0.11	6.25	5.63	2.72	I	I
O	1421	9	2000-11-26	13:44:21	32.6	51.7	14.53	0.1	6.43	5.88	2.59	I	I
S	1408	9	1988-04-17	00:29:04	37.2	-84.1	12.47	0.11	6.48	6.38	1.11	I	I
O	1425	9	2004-10-14	17:14:52	-33.9	18.4	14.43	0.11	6.56	6.28	1.92	I(B)	I
O	1420	4	1999-07-13	16:10:57	-33.9	18.4	13.77	0.12	6.7	6.34	2.19	I	I
O	1424	9	2003-10-26	01:30:19	44.6	-123.1	12.65	0.12	6.71	2.95	6.03	I	I
O	1424	8	2003-09-26	15:45:00	30.4	35.5	12.58	0.12	6.77	5.74	3.6	I	I
O	1423	1	2002-03-14	15:00:13	26.2	50.5	12.94	0.11	6.79	4.57	5.03	I	I
O	1423	1	2002-03-14	15:02:11	26.6	50	12.98	0.11	6.81	4.55	5.07	I	I
O	1420	10	2000-01-07	11:41:45	23.7	90.4	17.45	0.11	6.86	6.7	1.45	I	I
O	1425	7	2004-08-16	15:07:12	30.2	57.1	13.71	0.12	6.87	6.49	2.28	I	I
O	1421	9	2000-11-26	14:48:43	32	35.9	15.6	0.12	6.89	6.26	2.88	I	I
O	1425	9	2004-10-14	17:44:38	6.5	3.4	14.92	0.13	6.91	6	3.42	I	I
O	1420	4	1999-07-13	16:01:24	24.6	46.5	13.61	0.13	6.92	4.22	5.49	I	I
O	1425	7	2004-08-16	15:30:22	26.6	50	14.09	0.12	7.01	6.74	1.93	I	I
O	1416	8	1995-12-22	13:44:18	36.1	50.7	11.35	0.14	7.02	7.01	0.31	I	I
O	1421	2	2000-05-04	16:18:24	-33.9	18.4	12.09	0.13	7.05	6.64	2.38	I	I
O	1420	9	1999-12-08	15:13:01	26.2	32.7	16.67	0.12	7.11	7.01	1.18	I(T)	I
O	1425	7	2004-08-16	15:39:23	35.7	51.3	14.24	0.13	7.12	6.35	3.23	I	I

S	1405	1	1984-09-25	15:44:29	15.6	35.6	12.55	0.14	7.14	6.94	1.65	I	I
O	1423	1	2002-03-14	16:00:02	30.4	35.5	13.94	0.12	7.16	4.63	5.47	I	I
O	1421	9	2000-11-26	15:32:02	-4	39.7	16.33	0.13	7.16	6.84	2.15	I	I
O	1423	7	2002-09-07	14:45:23	31.1	56.5	11.57	0.14	7.21	6.73	2.58	I	I
O	1422	6	2001-08-19	15:04:32	29.5	56.8	12.14	0.14	7.24	6.68	2.8	I	I
S	1410	8	1990-02-25	23:41:13	35.6	-83.5	14.77	0.14	7.26	7.25	0.53	I(V)	I
O	1420	9	1999-12-08	15:37:06	-4	39.7	17.07	0.13	7.34	6.58	3.25	I	I
O	1423	7	2002-09-07	15:07:16	32.5	51.3	11.93	0.15	7.4	6.79	2.94	V	I
S	1416	9	1996-01-21	01:01:51	32.4	-111	12.17	0.15	7.41	7.17	1.86	I(V)	I
O	1425	12	2005-01-10	23:03:19	26	-80.3	10.99	0.15	7.44	3.62	6.5	I	I
O	1424	8	2003-09-26	17:00:29	-33.9	18.4	13.84	0.15	7.46	5.91	4.55	I	I
O	1425	7	2004-08-16	16:33:33	30.2	35.5	15.14	0.14	7.46	6.9	2.83	I	I
O	1425	7	2004-08-16	16:34:44	32	35.9	15.16	0.14	7.48	6.81	3.09	I(T)	I
O	1422	9	2001-11-15	21:55:12	41.1	-74	15.23	0.15	7.49	5.25	5.35	I	I
O	1425	2	2004-03-21	15:05:59	26.6	50	16.39	0.14	7.49	6.82	3.11	I(B)	I
O	1422	6	2001-08-19	15:30:53	32.5	51.3	12.58	0.15	7.5	6.68	3.41	V	I
O	1424	1	2003-03-03	17:36:15	-33.9	18.4	15	0.14	7.5	6.75	3.27	I	I
O	1422	10	2001-12-15	13:45:44	32.6	51.7	16.95	0.14	7.54	5.43	5.24	V	I
O	1425	2	2004-03-21	15:14:36	29.4	48	16.54	0.14	7.58	6.73	3.49	I(T)	I
O	1421	8	2000-10-27	22:30:39	38.8	-77.2	14.53	0.15	7.6	6.63	3.74	I	I
O	1420	9	1999-12-08	16:19:39	36.8	10.4	17.78	0.14	7.61	6.95	3.1	I(B)	I
S	1405	8	1985-04-21	00:32:32	37.2	-84.1	19.16	0.14	7.63	6.82	3.43	I	I
S	1404	5	1984-02-02	15:49:11	15.6	35.6	16.03	0.14	7.64	6.32	4.31	I	I
O	1418	12	1998-03-28	17:02:24	-33.9	18.4	13.8	0.16	7.68	5.83	5.01	I(B)	I
O	1423	4	2002-06-11	16:59:33	31.9	35.8	17.2	0.15	7.68	6.71	3.75	I	I
O	1425	7	2004-08-16	16:33:24	-33.9	18.4	15.14	0.15	7.7	4.87	5.97	I	I
O	1422	6	2001-08-19	15:53:23	38.6	48.2	12.95	0.16	7.76	6.37	4.44	I(B)	I
O	1421	9	2000-11-26	16:56:32	32.5	3.7	17.73	0.15	7.84	6.92	3.69	I	I
O	1424	10	2003-11-24	13:14:26	32.9	59.2	14.24	0.17	7.85	3.57	7	I	I
O	1423	1	2002-03-14	18:07:14	32.5	3.7	16.06	0.15	7.91	5.36	5.82	I	I
S	1404	4	1984-01-03	22:48:55	37.2	-84.1	17.54	0.16	8.02	4.22	6.83	I	I
S	1280	12	06-05-1864	17:31:58	39.6	26.2	17.3	0.16	8.02	6.64	4.51	I	I
O	1423	8	2002-10-07	01:17:20	32.4	-111	13.98	0.18	8.03	6.67	4.48	I	I
O	1422	10	2001-12-15	14:53:32	31.8	35.2	18.08	0.16	8.09	5.94	5.51	I	I
O	1424	10	2003-11-24	13:45:01	32.6	51.7	14.75	0.18	8.14	3.8	7.2	I	I
S	1405	3	1984-11-23	15:17:56	15.6	35.6	16.34	0.17	8.14	6.41	5.02	I	I
O	1423	1	2002-03-14	19:07:25	27.7	-11.3	17.06	0.16	8.21	6.27	5.31	I	I
S	1407	11	1987-06-26	22:09:22	-30.1	-71	16.53	0.17	8.41	3.24	7.77	I	I
O	1422	12	2002-02-13	01:22:49	32.4	-111	17.68	0.17	8.44	5.78	6.16	I	I
O	1425	2	2004-03-21	17:11:09	-33.9	18.4	18.48	0.18	8.62	6.13	6.08	I	I
O	1420	9	1999-12-08	18:05:42	-33.9	18.4	19.55	0.18	8.65	4.56	7.36	I	I
O	1423	9	2002-11-05	13:40:48	29.9	56.2	17.09	0.22	9.06	6.63	6.2	I(B)	I
O	1423	11	2003-01-03	13:56:44	32	51.9	17.55	0.21	9.11	5.49	7.28	I	I
O	1420	12	2000-03-06	23:32:52	43.3	-79.9	18.25	0.21	9.18	6.13	6.85	I	I
O	1423	11	2003-01-03	14:16:11	26.6	49.8	17.87	0.21	9.2	6.36	6.66	I	I
O	1425	5	2004-06-18	16:01:34	-33.9	18.4	19.56	0.2	9.21	3.68	8.44	I	I
S	1408	2	1987-09-23	23:48:20	37.2	-84.1	20.65	0.22	9.39	3.29	8.8	I	I
O	1425	11	2004-12-12	16:57:10	32.5	3.7	15.45	0.24	9.44	3.49	8.77	I	I
O	1420	10	2000-01-07	18:04:47	-32.3	20.8	23.83	0.24	10.03	6.33	7.8	I(B)	I
O	1425	9	2004-10-14	23:07:54	25.8	-80.2	20.31	0.26	10.05	6.27	7.88	I(T)	I

O	1420	10	2000-01-07	18:18:49	-33.9	18.4	24.07	0.24	10.16	6.16	8.09	I(B)	I
O	1415	7	1994-12-03	18:01:39	-33.9	18.4	18.11	0.28	10.22	6.33	8.04	I	I
S	1290	11	20-12-1873	15:27:06	38	23.7	20.63	0.3	10.98	4.53	10.02	I	I
O	1425	9	2004-10-15	01:07:31	32.2	-111.1	22.3	0.32	11.23	5.91	9.57	I	I
O	1425	9	2004-10-15	01:34:00	33.9	-118	22.75	0.34	11.5	5.74	9.97	I(T)	I
O	1425	9	2004-10-15	01:34:41	34.1	-118.2	22.76	0.34	11.51	5.71	10	I(T)	I
S	1407	5	1986-12-31	22:13:49	39	-77	19.05	0.36	11.66	5.07	10.52	I	I
O	1426	10	2005-11-03	00:48:44	32.2	-111.1	23.39	0.34	11.77	4.11	11.04	I(T)	I
O	1425	9	2004-10-15	01:46:45	44.6	-123.1	22.96	0.35	11.78	3.82	11.15	I	I
O	1420	4	1999-07-14	01:19:56	43.3	-79.9	22.92	0.39	12.27	4.97	11.24	I	I
O	1425	10	2004-11-13	13:49:04	36.1	50.3	23.35	0.43	12.91	4.98	11.93	V	I
O	1424	10	2003-11-25	00:26:29	47.6	-117.5	25.44	0.56	14.66	4.22	14.05	I(B)	I
O	1415	10	1995-03-02	17:37:37	-33.9	18.4	29.81	0.54	14.93	4.57	14.23	I	I
O	1421	12	2001-02-24	17:23:11	51.7	7.2	33.02	0.53	15.07	9.77	11.53	I	I
S	1278	2	07-08-1861	17:45:30	38	23.7	28.85	0.61	15.55	3.99	15.05	I	I
S	1340	5	1921-12-30	18:17:42	-33.9	18.5	36.64	0.69	17.25	8.29	15.18	I	I
S	1282	2	24-06-1865	18:10:25	38	23.7	34.22	0.77	17.88	7.87	16.11	I	I
S	1340	6	1922-01-29	18:10:38	-33.9	18.5	42.37	0.81	18.9	8.06	17.16	I	I
S	1278	4	05-10-1861	16:18:30	38	23.7	33.35	1	19.7	4.8	19.13	I	I
S	1281	3	04-08-1864	17:48:35	38	23.7	51.24	1.22	23.26	7.68	22.03	I	I
O	1419	9	1998-12-19	14:52:22	31.9	35.8	16.15	0.13	7.38	7.29	1.1	I	P
S	1416	9	1996-01-21	01:09:55	32.8	-113.2	12.31	0.15	7.47	7.26	1.77	I(V)	P
S	1416	9	1996-01-21	01:27:52	34.1	-118.3	12.61	0.16	7.61	7.46	1.5	I(V)	P
S	1410	11	1990-05-25	00:56:22	35.6	-83.5	13.14	0.16	7.63	7.63	0.13	I(V)	P
S	1278	11	29-04-1862	17:30:48	38	23.7	18.06	0.14	7.7	7.7	0.15	I	P
S	1415	8	1995-01-02	00:25:01	33	-106	13.47	0.16	7.76	7.75	0.23	I(V)	P
S	1409	10	1989-05-06	01:03:08	42.7	-84.8	13.26	0.17	7.9	7.89	0.46	I(V)	P
O	1420	10	2000-01-07	13:56:31	32.7	52.3	19.7	0.15	7.92	7.22	3.26	I(T)	P
S	1409	10	1989-05-06	01:07:34	43	-85.7	13.34	0.17	7.94	7.93	0.39	I(V)	P
O	1425	2	2004-03-21	16:04:51	30.4	35.5	17.37	0.16	7.96	7.08	3.64	I(B)	P
O	1422	1	2001-03-25	17:06:05	-33.9	18.4	15.73	0.16	7.97	7.16	3.5	V	P
O	1422	6	2001-08-19	16:30:39	30.2	35.5	13.57	0.18	8.02	7.21	3.53	I	P
S	1339	6	1921-02-08	18:14:16	36.5	-6.2	17.62	0.16	8.1	7.94	1.61	I	P
S	1404	2	1983-11-05	15:20:31	15.6	35.6	16.98	0.17	8.11	7.56	2.95	I	P
S	1409	10	1989-05-06	01:24:12	30.3	-97	13.61	0.18	8.12	7.73	2.48	I(V)	P
O	1420	9	1999-12-08	17:44:43	6.5	3.4	19.2	0.16	8.13	7.99	1.49	I	P
O	1421	9	2000-11-26	17:35:31	34	-6.8	18.38	0.16	8.14	7.01	4.14	I(T)	P
S	1408	11	1988-06-15	01:16:44	37.2	-84.1	16.03	0.16	8.14	8	1.49	I	P
S	1339	6	1921-02-08	18:22:34	38.8	-9.1	17.76	0.16	8.15	8.06	1.21	I	P
O	1422	10	2001-12-15	15:40:50	-4	39.7	18.87	0.17	8.26	8.26	0	I	P
O	1424	4	2003-06-01	00:24:00	26	-80.3	20.05	0.16	8.27	8.1	1.69	I(B)	P
O	1421	5	2000-07-31	18:18:12	6.5	3.4	15.87	0.18	8.28	8.1	1.68	V	P
O	1421	10	2000-12-26	13:54:28	29.6	52.5	20.53	0.16	8.32	7.17	4.22	I(T)	P
S	1392	2	1972-03-16	02:13:49	35.5	-117.6	14.64	0.19	8.36	7.99	2.48	V(F)	P
O	1421	4	2000-07-02	11:35:47	2.3	102.4	16.25	0.19	8.38	8.18	1.8	I(B)	P
O	1425	2	2004-03-21	16:54:16	38	23.7	18.2	0.17	8.39	6.93	4.74	I(T)	P
O	1421	10	2000-12-26	14:10:38	26.6	50	20.8	0.17	8.41	7.5	3.82	I(B)	P
S	1410	11	1990-05-25	02:34:02	31.6	-110.5	14.77	0.19	8.47	8.47	0.11	I(V)	P
O	1410	11	1990-05-25	02:38:01	32.4	-111	14.83	0.2	8.5	8.5	0.06	V	P
S	1409	10	1989-05-06	02:18:11	39.7	-105.5	14.51	0.19	8.53	8.5	0.67	I(V)	P

O	1415	9	1995-01-31	14:17:18	35.6	51.3	15.48	0.19	8.57	8.4	1.68	V	P
O	1424	2	2003-04-02	15:09:01	32.6	51.6	19.82	0.17	8.58	7.23	4.64	V	P
O	1422	8	2001-10-17	11:10:26	2.3	102.4	15.77	0.2	8.63	8.62	0.33	V	P
O	1425	5	2004-06-18	15:51:29	26.6	50	19.39	0.18	8.64	8.61	0.72	I	P
O	1425	5	2004-06-18	16:00:42	24.6	46.5	19.55	0.18	8.7	8.69	0.37	I(T)	P
O	1425	5	2004-06-18	16:04:00	28.4	48	19.6	0.18	8.73	8.66	1.11	I(T)	P
O	1420	10	2000-01-07	15:51:16	-4	39.7	21.61	0.18	8.76	8.3	2.79	I(B)	P
S	1340	3	1921-10-31	17:28:54	-33.9	18.5	17.83	0.2	8.77	7.11	5.14	I	P
O	1425	5	2004-06-18	16:09:25	33.3	50	19.69	0.18	8.78	8.54	2.07	V	P
O	1420	6	1999-09-10	16:05:20	30.4	35.5	18.03	0.19	8.79	7.18	5.09	I(T)	P
O	1421	10	2000-12-26	14:54:22	32.6	35.9	21.53	0.18	8.8	7.28	4.95	V	P
S	1410	11	1990-05-25	03:11:04	34.2	-118.1	15.38	0.21	8.8	8.78	0.56	I(V)	P
O	1423	2	2002-04-13	15:10:14	29.6	52.5	19.8	0.19	8.83	7.32	4.96	I(B)	P
O	1421	10	2000-12-26	15:01:13	30.2	35.5	21.64	0.18	8.83	7.54	4.6	I(B)	P
O	1420	6	1999-09-10	16:09:28	31.8	34.7	18.1	0.19	8.84	7.07	5.31	I	P
O	1425	3	2004-04-20	10:39:48	5	114.9	21.29	0.19	8.88	8.55	2.39	I	P
O	1423	2	2002-04-13	15:16:44	32.6	51.7	19.91	0.19	8.9	7.09	5.4	V	P
O	1411	8	1991-02-15	13:07:13	33.4	73.1	19.57	0.2	8.94	8.9	0.88	V	P
S	1332	1	1913-11-28	17:56:30	-33.9	18.5	16.26	0.21	8.96	8.96	0.11	V	P
O	1424	2	2003-04-02	16:11:49	30.2	35.5	20.87	0.19	8.99	7.89	4.33	I(T)	P
O	1424	3	2003-05-02	10:39:34	5	114.9	22.4	0.19	9	8.91	1.31	I(B)	P
S	1290	3	27-04-1873	17:29:11	38	23.7	18.78	0.21	9.05	8.02	4.19	I	P
O	1425	4	2004-05-20	02:34:57	32.4	-111	21.7	0.19	9.06	8.89	1.73	I(B)	P
O	1421	10	2000-12-26	15:46:25	-4	39.7	22.39	0.19	9.06	8.94	1.45	V	P
S	1399	3	1979-01-28	23:14:20	29.9	-81.3	16.9	0.22	9.08	9.07	0.13	V	P
O	1418	10	1998-01-29	00:11:12	29.8	-95.4	18.15	0.22	9.12	9.09	0.71	V	P
S	1399	3	1979-01-28	23:19:03	29.7	-82.4	16.98	0.22	9.12	9.12	0.11	V(F)	P
S	1404	8	1984-05-02	00:43:06	37.2	-84.1	20.95	0.2	9.15	7.7	4.94	I	P
O	1425	5	2004-06-18	17:02:05	32	35.9	20.57	0.2	9.15	8.92	2.04	V	P
S	1407	11	1987-06-27	01:19:20	37.2	-84.1	19.69	0.2	9.18	8.71	2.89	I(V)	P
O	1423	6	2002-08-09	11:35:10	2.3	102.4	16.32	0.22	9.19	9.12	1.09	I(T)	P
O	1411	9	1991-03-17	01:47:29	32.4	-111	17.6	0.21	9.2	8.64	3.16	I	P
O	1423	9	2002-11-05	13:56:00	29.6	52.5	17.34	0.23	9.21	6.75	6.27	I(B)	P
O	1423	9	2002-11-05	13:56:56	30.1	52.1	17.36	0.23	9.22	6.7	6.35	I(B)	P
O	1425	11	2004-12-12	17:14:40	10.3	9.8	15.74	0.23	9.24	6.83	6.24	I(B)	P
S	1399	3	1979-01-28	23:35:22	38.7	-90.3	17.25	0.23	9.29	9.11	1.86	V(F)	P
S	1399	3	1979-01-28	23:34:29	42	-91.7	17.24	0.23	9.3	8.97	2.47	V(F)	P
O	1425	11	2004-12-12	17:21:55	11.2	7.6	15.86	0.23	9.32	6.8	6.39	I(B)	P
S	1407	11	1987-06-27	01:41:17	42.7	-84.5	20.06	0.21	9.36	8.41	4.12	V(F)	P
O	1421	1	2000-04-05	11:29:30	5.3	102.9	17.27	0.23	9.36	9.14	2.05	I(B)	P
S	1399	3	1979-01-28	23:42:05	42	-93.6	17.36	0.24	9.37	9.03	2.51	V	P
O	1424	3	2003-05-02	11:30:21	3.2	101.7	23.24	0.21	9.39	9.22	1.75	V	P
S	1407	11	1987-06-27	02:01:35	30	-100	20.4	0.21	9.43	9.29	1.64	I	P
O	1406	4	1985-12-12	17:55:12	-32.4	20.8	17	0.24	9.46	9.23	2.05	V	P
S	1393	6	1973-07-01	05:30:11	-44	170.5	17.85	0.24	9.51	7.3	6.11	I(V)	P
S	1397	3	1977-02-18	23:27:50	42.7	-83.6	19.84	0.22	9.51	9.5	0.4	V(F)	P
O	1422	5	2001-07-21	13:36:26	4.1	73.3	17.85	0.25	9.58	9.57	0.43	V	P
O	1424	7	2003-08-28	11:29:42	5.3	102.9	18.04	0.24	9.61	9.6	0.31	I(B)	P
O	1418	6	1997-10-02	15:39:58	31.8	34.7	22.79	0.23	9.79	7.11	6.75	I	P
O	1423	9	2002-11-05	14:59:42	31.9	35.8	18.4	0.26	9.85	6.85	7.09	I(B)	P

O	1424	12	2004-01-22	14:16:42	30	51.7	17.18	0.26	9.93	6.56	7.47	I(B)	P
O	1419	6	1998-09-21	15:52:36	31.8	35.2	22.84	0.24	10.02	7.55	6.62	I	P
O	1418	1	1997-05-07	15:32:52	32.7	52.3	18.76	0.26	10.1	6.95	7.35	I(T)	P
S	1288	2	20-04-1871	17:21:54	38	23.7	22.3	0.24	10.17	7.35	7.05	I	P
O	1418	1	1997-05-07	15:45:53	36	50.8	18.97	0.27	10.25	6.58	7.88	I	P
O	1421	10	2000-12-26	18:02:58	-32.4	20.8	24.67	0.25	10.3	7.59	6.99	V	P
O	1421	10	2000-12-26	18:02:41	-32.3	20.8	24.66	0.25	10.3	7.6	6.97	V	P
O	1421	10	2000-12-26	18:16:56	-33.9	18.4	24.9	0.26	10.42	7.46	7.3	I(B)	P
O	1418	1	1997-05-07	16:40:42	31.8	34.9	19.89	0.29	10.64	7.63	7.45	I(B)	P
O	1423	11	2003-01-03	17:08:33	32.5	3.7	20.74	0.29	10.7	6.85	8.25	I	P
S	1408	6	1988-01-20	01:01:16	32.2	-111	19.58	0.33	11.07	8.37	7.27	I(V)	P
O	1422	11	2002-01-14	14:08:00	29.6	52.5	24.64	0.29	11.1	8.69	6.93	I(B)	P
O	1421	4	2000-07-02	16:01:58	32.6	51.7	20.68	0.34	11.27	7.77	8.2	I(T)	P
O	1421	1	2000-04-05	15:11:17	32.6	51.7	20.97	0.33	11.34	9.01	6.91	I(B)	P
O	1421	7	2000-09-28	17:02:25	-33.9	18.4	21.14	0.33	11.4	9.07	6.93	V	P
O	1424	12	2004-01-22	17:24:24	32.5	3.7	20.31	0.34	11.5	7.83	8.44	V	P
O	1425	8	2004-09-15	14:27:11	36.6	59	23.95	0.33	11.57	7.08	9.17	I(B)	P
O	1420	3	1999-06-14	15:47:37	29.6	52.5	20.73	0.36	11.66	7.54	8.91	I(T)	P
O	1424	7	2003-08-28	15:19:05	32.6	51.7	21.86	0.35	11.67	9.39	6.95	I(B)	P
O	1425	8	2004-09-15	14:56:17	26.2	50.5	24.44	0.34	11.69	8.75	7.79	I(B)	P
O	1425	8	2004-09-15	14:58:26	26.6	50	24.47	0.34	11.71	8.7	7.87	I(B)	P
O	1422	5	2001-07-21	16:57:31	31.9	35.8	21.2	0.36	11.72	9.39	7.05	I(B)	P
O	1422	5	2001-07-21	16:58:49	32.6	35.9	21.22	0.36	11.74	9.3	7.2	V	P
O	1421	7	2000-09-28	17:48:37	32.5	3.7	21.91	0.35	11.75	9.66	6.73	V	P
O	1417	6	1996-10-13	15:26:15	31.8	34.7	25.18	0.34	11.78	8.16	8.52	I(T)	P
O	1422	2	2001-04-24	15:25:07	32.6	51.7	23.97	0.34	11.8	9.61	6.88	V	P
O	1425	8	2004-09-15	14:57:04	35.7	51.4	24.45	0.35	11.81	7.34	9.27	I(B)	P
O	1425	8	2004-09-15	14:58:32	34.7	50.9	24.47	0.35	11.81	7.51	9.14	I	P
O	1420	3	1999-06-14	16:05:06	29.4	48	21.02	0.37	11.81	7.73	8.96	I(B)	P
O	1425	8	2004-09-15	15:01:01	33.3	50.1	24.52	0.35	11.81	7.74	8.95	I(B)	P
O	1425	8	2004-09-15	15:07:10	28.4	48	24.62	0.34	11.81	8.49	8.23	I(T)	P
O	1421	4	2000-07-02	17:00:46	30.4	35.5	21.66	0.37	11.82	8.6	8.14	V	P
S	1289	8	03-10-1872	16:21:01	38	23.7	24.84	0.34	11.83	7.89	8.84	I	P
O	1421	1	2000-04-05	16:14:00	32	35.9	22.02	0.36	11.85	9.64	6.92	I(T)	P
O	1424	3	2003-05-02	16:20:55	-33.9	18.4	28.09	0.33	11.88	7.19	9.48	I(T)	P
O	1423	6	2002-08-09	16:28:13	-34	18.4	21.2	0.37	12	9.02	7.94	V	P
O	1421	11	2001-01-25	17:27:47	32.5	3.7	28.33	0.34	12.06	10.05	6.7	I(B)	P
O	1424	8	2003-09-27	01:30:37	32.4	-111	22.34	0.38	12.07	8.48	8.62	I(B)	P
S	1340	8	1922-03-29	17:01:27	-33.9	18.5	27.97	0.35	12.12	6.99	9.93	I	P
O	1421	1	2000-04-05	16:51:06	-33.9	18.4	22.63	0.38	12.16	9.83	7.19	I(B)	P
O	1424	7	2003-08-28	16:20:47	32.4	36.2	22.89	0.38	12.19	9.73	7.39	I(B)	P
O	1424	8	2003-09-27	01:34:52	41.8	-111.8	22.41	0.39	12.23	6.98	10.07	V	P
O	1422	2	2001-04-24	16:27:40	31.9	35.8	25.02	0.37	12.28	10.22	6.86	I(B)	P
O	1422	2	2001-04-24	16:28:21	32.6	35.9	25.03	0.37	12.29	10.13	7	I(B)	P
S	1303	3	07-12-1885	15:57:15	50.6	5.7	26.68	0.37	12.5	9.49	8.18	V	P
O	1419	10	1999-01-18	18:16:34	-33.9	18.4	26.49	0.39	12.52	6.77	10.56	V	P
O	1419	7	1998-10-21	15:17:56	31.8	34.7	29.13	0.39	13.03	10.78	7.36	I(B)	P
S	1404	6	1984-03-03	23:48:45	37.2	-84.1	29.28	0.4	13.13	10.57	7.83	I(V)	P
S	1288	3	20-05-1871	17:50:24	38	23.7	31.08	0.4	13.19	10.25	8.35	I	P
O	1418	9	1997-12-30	18:18:00	-33.9	18.4	25.34	0.45	13.32	6.12	11.86	V	P

O	1425	10	2004-11-13	14:53:33	32	35.9	24.42	0.47	13.45	6.24	11.94	I(B)	P
O	1424	10	2003-11-25	00:20:42	41.5	-112	25.34	0.55	14.49	5.78	13.32	I	P
S	1404	3	1983-12-05	22:36:38	37.2	-84.1	34.17	0.61	16.07	9.8	12.8	I(V)	P
O	1424	11	2003-12-24	15:52:25	49.6	8.7	30.14	0.78	17.45	6.27	16.32	V	P
O	1411	3	1990-09-20	15:56:00	31.8	34.7	39.15	0.85	19.1	6.08	18.14	I(B)	P
S	1398	4	1978-03-09	22:32:30	45.1	-64.2	19.92	0.23	9.51	8.9	3.35	V	V
O	1420	10	2000-01-07	17:59:10	6.5	3.4	23.74	0.22	9.68	9.65	0.87	V	V
O	1415	8	1995-01-02	04:09:13	19.8	-155.5	17.21	0.25	9.7	9.5	1.97	V	V
O	1420	10	2000-01-07	17:50:14	34	-6.8	23.59	0.22	9.71	8.64	4.44	V	V
S	1283	10	05-02-1867	16:09:25	38	23.7	21.89	0.23	9.73	9.6	1.58	I	V
S	1282	9	17-01-1866	15:49:22	38	23.7	19.21	0.24	9.74	9.73	0.51	I	V
O	1424	5	2003-06-30	15:38:29	33.7	58.4	20.98	0.23	9.75	8.94	3.9	I(B)	V
S	1416	2	1995-06-28	22:10:03	-30.1	-71	21.32	0.22	9.75	9.75	0.32	V	V
S	1339	6	1921-02-08	22:25:23	42.3	-71.1	21.81	0.23	9.78	9.78	0.17	V	V
S	1404	6	1984-03-03	15:58:49	15.6	35.6	21.45	0.22	9.79	9.13	3.53	I	V
S	1398	4	1978-03-09	23:08:09	41.3	-72.9	20.52	0.24	9.8	9.39	2.81	V	V
S	1407	11	1987-06-27	02:52:00	39.8	-105	21.24	0.23	9.82	9	3.94	I	V
S	1398	4	1978-03-09	23:11:27	42.7	-73.8	20.57	0.25	9.84	9.35	3.08	V	V
S	1407	11	1987-06-27	02:59:47	33.5	-112.1	21.37	0.23	9.84	9.48	2.65	V	V
O	1418	10	1998-01-29	01:34:59	34.2	-118.1	19.55	0.26	9.9	9.72	1.85	V	V
S	1333	5	1915-03-16	17:49:35	49.4	8.7	22.12	0.24	9.93	9.8	1.61	V	V
O	1418	3	1997-07-05	16:06:39	-33.9	18.5	21.43	0.24	10.03	9.95	1.28	V	V
S	1407	11	1987-06-27	03:22:57	40.7	-111.9	21.75	0.24	10.04	9.08	4.31	V(F)	V
O	1425	5	2004-06-18	19:12:20	32.5	3.7	22.74	0.24	10.08	9.72	2.69	I(T)	V
O	1424	10	2003-11-24	17:40:25	6.5	3.4	18.67	0.27	10.09	8.75	5.04	I(B)	V
S	1407	11	1987-06-27	03:50:16	37	-122	22.21	0.24	10.2	9.53	3.67	V	V
O	1418	1	1997-05-07	16:16:02	-33.9	18.4	19.48	0.27	10.3	8.93	5.16	V	V
O	1422	8	2001-10-17	14:12:22	29.6	52.5	18.8	0.28	10.31	8.73	5.51	I(B)	V
S	1289	5	06-07-1872	18:09:25	38	23.7	23.74	0.25	10.33	8.52	5.87	I	V
O	1422	8	2001-10-17	14:13:27	32.6	51.7	18.82	0.28	10.35	8.43	6.02	I(B)	V
S	1398	4	1978-03-10	00:12:46	40.5	-89	21.6	0.27	10.37	9.96	2.89	V	V
O	1423	3	2002-05-13	10:40:18	5	114.9	23.9	0.26	10.37	10.36	0.36	I(B)	V
S	1399	3	1979-01-29	01:24:21	47.6	-122.3	19.07	0.29	10.38	9.51	4.18	V(F)	V
O	1422	8	2001-10-17	14:24:24	26.6	50	19	0.28	10.39	9.07	5.08	V	V
S	1407	9	1987-04-29	00:12:43	26.7	-81.8	22.63	0.26	10.39	10.32	1.22	V(F)	V
S	1407	9	1987-04-29	00:15:01	38.9	-77.1	22.66	0.26	10.41	10.32	1.34	V(F)	V
O	1419	10	1999-01-18	14:51:12	26.1	44	23.07	0.27	10.42	10.26	1.81	V	V
O	1419	10	1999-01-18	14:52:24	26.1	43.7	23.09	0.27	10.43	10.27	1.81	I(B)	V
S	1407	9	1987-04-29	00:17:27	28	-82.5	22.7	0.26	10.43	10.38	0.95	I	V
O	1425	10	2004-11-13	10:15:35	4.9	114.8	19.79	0.29	10.47	8.58	6.04	I(B)	V
O	1422	8	2001-10-17	14:39:43	24.6	46.5	19.26	0.29	10.5	9.34	4.83	I(B)	V
S	1298	5	30-03-1881	19:01:11	51.5	-2.6	20.48	0.28	10.51	10.41	1.44	V	V
S	1407	9	1987-04-29	00:28:05	36.2	-81.7	22.88	0.27	10.51	10.48	0.8	V(F)	V
S	1398	4	1978-03-10	00:30:57	41.6	-93.6	21.9	0.28	10.53	10.05	3.16	V	V
S	1399	3	1979-01-29	01:45:32	37.8	-122.4	19.42	0.3	10.53	10.28	2.29	V(F)	V
S	1398	2	1978-01-09	22:21:38	38.9	-76.9	18.35	0.3	10.54	10.39	1.78	V(F)	V
S	1407	9	1987-04-29	00:34:20	33.7	-84.4	22.99	0.27	10.56	10.55	0.28	I	V
O	1423	2	2002-04-13	19:20:07	30.5	-9.7	23.96	0.26	10.57	9.14	5.33	I(T)	V
O	1421	11	2001-01-25	14:17:18	29.6	52.5	25.16	0.26	10.63	9.05	5.6	V	V
O	1421	11	2001-01-25	14:15:30	32.6	51.7	25.13	0.26	10.64	8.71	6.13	V	V

S	1407	9	1987-04-29	00:45:07	33	-87.4	23.17	0.27	10.64	10.64	0.15	I	V
S	1390	2	1970-04-07	00:43:21	44.5	-88	20.55	0.29	10.65	10.61	0.9	V(F)	V
O	1425	3	2004-04-20	14:32:28	27.3	62.4	25.17	0.27	10.67	10.55	1.58	I(B)	V
S	1338	8	1920-04-19	18:37:46	43.5	7	20.91	0.3	10.68	9.67	4.55	V	V
S	1407	9	1987-04-29	00:50:58	30	-90.1	23.26	0.28	10.69	10.68	0.49	V	V
S	1398	2	1978-01-09	22:40:01	36	-79.8	18.66	0.3	10.7	10.63	1.23	V	V
S	1407	9	1987-04-29	00:53:03	42.7	-84.5	23.3	0.28	10.73	10.49	2.26	V	V
O	1421	7	2000-09-28	15:52:56	26.2	32.7	19.98	0.29	10.74	9.63	4.77	V	V
S	1398	2	1978-01-09	22:49:37	34	-81.1	18.82	0.31	10.78	10.75	0.83	V(F)	V
S	1407	9	1987-04-29	01:01:30	40.8	-87.7	23.44	0.28	10.79	10.62	1.88	I	V
O	1422	8	2001-10-17	15:25:26	-4	39.7	20.02	0.3	10.8	10.78	0.62	V	V
O	1421	11	2001-01-25	14:49:07	24.6	46.5	25.69	0.27	10.82	9.75	4.72	I(B)	V
O	1419	12	1999-03-18	14:55:32	29.6	52.2	20.11	0.31	10.84	9.67	4.9	V	V
S	1398	2	1978-01-09	22:58:52	29.9	-81.3	18.97	0.31	10.86	10.86	0.05	V	V
S	1398	2	1978-01-09	22:56:50	41.9	-87.6	18.94	0.31	10.87	10.55	2.65	V	V
O	1422	8	2001-10-17	15:17:30	31.9	35.8	19.89	0.31	10.9	8.84	6.4	I(T)	V
S	1398	2	1978-01-09	23:02:38	33.9	-84.3	19.04	0.32	10.9	10.87	0.87	V(F)	V
S	1404	9	1984-05-31	16:19:18	15.6	35.6	23.51	0.3	10.91	10.88	0.71	I	V
S	1398	2	1978-01-09	23:02:40	43	-89.8	19.04	0.32	10.93	10.54	2.93	V(F)	V
S	1407	9	1987-04-29	01:21:51	30.3	-97.7	23.78	0.29	10.94	10.93	0.38	V	V
O	1419	12	1999-03-18	15:01:54	36	50.8	20.21	0.31	10.95	9.13	6.07	V	V
S	1398	2	1978-01-09	23:08:44	27.7	-82.7	19.14	0.32	10.95	10.94	0.51	V(F)	V
S	1339	6	1921-02-09	01:15:29	32.2	-110	24.64	0.28	10.98	10.89	1.43	V	V
S	1339	6	1921-02-09	01:18:21	35.2	-111.7	24.69	0.28	10.99	10.97	0.78	V	V
S	1407	9	1987-04-29	01:27:19	41.6	-93.7	23.87	0.29	11	10.79	2.13	I	V
O	1419	12	1999-03-18	15:17:57	24.6	46.5	20.48	0.32	11.01	10.27	3.98	V	V
O	1424	3	2003-05-02	15:11:39	27.7	54.4	26.93	0.29	11.06	10.65	3.01	I(T)	V
O	1421	4	2000-07-02	15:59:34	-32.4	20.8	20.64	0.33	11.09	9.55	5.66	V	V
O	1423	11	2003-01-03	18:18:39	-33.9	18.4	21.91	0.31	11.09	9.7	5.4	V	V
O	1425	3	2004-04-20	15:25:25	32.8	51	26.05	0.29	11.09	10.74	2.78	V	V
S	1398	2	1978-01-09	23:21:39	41.6	-93.6	19.35	0.33	11.09	10.76	2.72	V	V
S	1340	10	1922-05-27	16:03:30	-33.9	18.5	21.99	0.31	11.1	10.17	4.48	V	V
O	1423	7	2002-09-07	22:24:44	10.7	-61.5	19.23	0.33	11.1	10.88	2.22	V	V
O	1422	5	2001-07-21	15:55:38	32.6	51.7	20.17	0.33	11.12	8.85	6.77	V	V
O	1423	9	2002-11-05	17:34:22	-33.9	18.4	20.98	0.33	11.14	9.92	5.09	V	V
S	1407	9	1987-04-29	01:47:33	30.6	-104	24.21	0.3	11.14	11.14	0.28	V(F)	V
O	1420	7	1999-10-10	11:09:13	5.3	102.9	23.56	0.3	11.15	11.13	0.79	V	V
S	1398	2	1978-01-09	23:32:29	30.9	-90.2	19.53	0.33	11.16	11.16	0.31	V(F)	V
S	1390	4	1970-06-05	01:37:24	28	-97	23.26	0.3	11.17	11.15	0.63	V	V
S	1339	6	1921-02-09	01:44:54	34.2	-118	25.13	0.29	11.18	11.14	0.93	V(F)	V
S	1390	4	1970-06-05	01:38:10	26.3	-98.2	23.27	0.3	11.18	11.17	0.23	V	V
S	1398	2	1978-01-09	23:34:17	30	-90.2	19.56	0.33	11.18	11.18	0.11	V	V
O	1420	11	2000-02-06	14:20:34	36.2	51.7	25.27	0.3	11.19	9.52	5.91	V	V
O	1418	9	1997-12-30	15:02:25	31.3	35.2	22.08	0.32	11.2	11.02	2.05	V	V
O	1418	9	1997-12-30	15:04:50	31.3	34.6	22.12	0.32	11.22	11.03	2.06	I(B)	V
O	1424	3	2003-05-02	15:30:54	32.6	51.7	27.25	0.29	11.23	10.47	4.08	V	V
O	1422	11	2002-01-14	14:41:03	24.6	46.5	25.19	0.3	11.3	9.54	6.09	I(B)	V
S	1361	12	1942-12-08	21:47:31	40.7	-74	19.8	0.34	11.32	9.78	5.74	V(F)	V
S	1410	10	1990-04-26	00:04:08	41.6	-73.7	19.6	0.35	11.42	11.41	0.38	I(V)	V
O	1424	5	2003-06-30	19:13:50	32.5	3.7	24.57	0.31	11.43	10.42	4.73	I(T)	V

[illegible]