nightplan.out

Plan for night starting near 2025 09 20 at 0h

Minimum motion between pairs: 3.0 arcsec

Predictions for observatory: G37

Sun set at: 02:50 UT = 19:21 ST
Sun rise at: 11:45 UT = 04:17 ST
Length of night: 8.91h

Last Obs with * are those for which the last observation is a single night 688

ID	SE	RA	(2000.0) Dec	Err Now	Err +1y	R	"/hr	arc	Last Obs	MPC	N	Group #	Rise UT	Set UT	Avail(h)	Need(h)
23JF4	82	17:18:30.521	-09:58:29.23	0.05	0.12	21.05	7.79	7.4y	2024/08/03	F52	48	6	02:50	03:36	0.77	0.39
531942	84	17:25:17.969	-08:28:18.83	0.33	0.40	23.30	5.09	8.2y	2019/04/07	F51	76	6	02:50	03:50	1.00	0.59
579062	84	17:25:20.156	+05:01:48.80	0.07	0.08	22.17	2.40	13.2y	2023/08/06	F51	109	6	02:50	04:40	1.84	1.25
07LF38	87	17:39:42.415	+12:19:34.73	0.15	0.17	23.11	1.64	11.9y	2019/05/07	705	56	6	02:50	05:15	2.43	1.83
576257	88	17:43:23.612	+05:28:45.85	0.10	0.12	22.49	2.81	9.1y	2021/06/08	F51	98	6	02:50	05:00	2.16	1.07
523713	90	17:52:05.710	+04:25:07.07	0.02	0.02	21.60	1.93	14.3y	2024/08/10	F52	196	6	02:50	05:05	2.25	1.55
578847	92	17:56:30.492	-03:20:03.07	0.13	0.16	22.35	1.74	7.9y	2021/07/09	F51	82	6	02:50	04:43	1.88	1.72
578997	92	17:58:09.584	-01:23:03.00	0.09	0.11	23.01	1.98	11.3y	2021/06/28	F51	109	6	02:50	04:52	2.03	1.52
533396	93	18:00:25.981	-09:20:41.66	0.08	0.11	22.64	2.40	10.4y	2021/07/14	F51	78	6	02:50	04:21	1.52	1.25
07LE38	94	18:08:14.138	+12:15:45.65	0.19	0.23	23.16	1.98	15.1y	2022/07/04	G37	28	6	02:50	05:44	2.90	1.52
523719	92	18:12:10.118	+63:17:22.19	0.24	0.27	22.92	5.50	6.0y	2019/05/28	F51	105	6	02:50	11:45	8.91	0.55
24JY40	96	18:13:50.258	-03:31:30.20	0.97	12096.18	21.10	15.19	2.2y	2025/06/20	G37	18	5	02:50	04:59	2.16	0.20
552678	96	18:14:45.877	-07:15:42.88	0.06	0.09	20.95	3.40	12.3y	2022/08/30	F52	131	6	02:50	04:45	1.91	0.88
07LJ38	98	18:22:58.193	-01:39:52.16	0.10	0.11	22.96	1.68	17.1y	2022/07/04	G37	31	6	02:50	05:15	2.42	1.79
800768	99	18:26:47.277	-01:41:56.23	0.09	0.11	22.66	2.15	12.3y	2022/07/04	G37	114	6	02:50	05:19	2.49	1.40
07LH38	101	18:32:08.364	-08:09:59.93	0.24	0.27	23.32	1.41	11.9y	2019/05/07	705	44	6	02:50	04:58	2.14	2.13
470309	101	18:35:16.595	+14:31:30.66	0.03	0.03	21.36	2.75	13.4y	2020/09/15	F52	279	6	02:50	06:17	3.45	1.09
07LG38	102	18:37:16.636	-01:30:30.10	0.13	0.15	23.75	1.74	14.1y	2019/06/06	G37	46	6	02:50	05:30	2.67	1.72
523686	103	18:41:14.295	-02:00:04.16	0.10	0.12	22.07	2.39	8.2y	2018/06/18	F51	121	6	02:50	05:32	2.71	1.26
576162	107	18:58:04.989	-05:45:34.70	0.08	0.11	21.90	3.30	11.5y	2022/08/21	F51	127	6	02:50	05:34	2.74	0.91
307261	109	19:07:17.223	-05:21:00.76	0.05	0.06	20.03	1.06	69.2y	2023/07/03	275	152	6	02:50	05:45	2.92	2.83
679964	110	19:09:24.187	+01:51:01.51	0.10	0.18	19.57	6.08	12.3y	2022/08/26	F52	258	6	02:50	06:14	3.40	0.49
10JJ124	111	19:12:35.345	-05:48:32.10	0.08	0.09	20.90	1.14	14.1y	2024/07/03	G37	24	5	02:50	05:49	2.98	2.63
612802	111	19:13:38.781	-00:24:55.03	1.30	1.50	23.20	2.51	10.0y	2014/08/22	568	56	6	02:50	06:10	3.34	1.20
503858	113	19:23:30.946	-11:05:09.84	0.10	0.11	23.87	1.15	25.3y	2023/08/14	G37	30	6	02:50	05:35	2.76	2.61
389820	115	19:37:40.118	-23:22:04.49	0.18	0.21	23.75	2.37	8.6y	2019/05/27	F51	136	6	02:50	04:09	1.32	1.27
20KE54	116	19:37:58.665	-15:23:46.54	1.34	2.40	23.09	1.17	3.2y	2023/08/14	G37	24	5	02:50	05:25	2.58	2.56
342842	114	19:42:41.784	+29:47:35.46	0.07	0.08	21.33	9.99	12.9y	2021/11/11	F51	536	6	02:50	08:00	5.16	0.30
582301	117	19:43:08.240	-17:31:08.75	0.06	0.07	23.20	6.45	14.5y	2024/06/13	F52	241	6	02:50	05:15	2.42	0.47
15HX10	119	19:51:34.679	+12:34:56.84	1.07	1.36	23.43	5.72	4.2y	2019/06/08	W84	30	5	02:50	07:28	4.63	0.52
10370	120	19:54:39.155	-17:08:10.54	1.49	1.63	22.17	1.79	15.3y	2010/06/14	688	85	6	02:50	05:30	2.66	1.68
463663	121	20:02:39.597	-23:57:42.68	0.28	0.31	23.13	2.98	6.4y	2019/05/31	F51	159	6	02:50	04:23	1.55	1.01
15810	122	20:02:58.245	-18:48:08.71	0.09	0.11	23.03	1.43	29.4y	2023/10/07	269	110	6	02:50	05:25	2.59	2.10
14JE80	122	20:06:35.665	-23:04:30.48	0.06	0.07	22.44	2.10	13.2y	2024/07/06	F52	67	6	02:50	04:42	1.87	1.43
594872	125	20:08:21.045	+00:25:36.38	0.12	0.14	23.44	13.24	6.7y	2022/09/28	F51	164	6	02:50	07:08	4.30	0.23
23PK5	124	20:09:24.925	-16:35:14.13	0.11	0.16	22.96	1.49	9.3y	2023/10/07	269	13	6	02:50	05:48	2.97	2.01
23PC5	124	20:13:30.913	-19:40:38.60	12.95*	39.38	22.73	1.70	1.1y	2024/10/04	G37	8	4	02:50	05:28	2.63	1.76
23PM5	125	20:13:49.789	-15:15:59.47	0.04	0.05	22.98	1.75	17.3y	2023/10/07	269	14	6	02:50	06:02	3.19	1.71
23PJ5	124	20:14:01.398	-19:10:26.19	0.04	0.06	22.83	1.65	15.3y	2023/10/07	269	15	6	02:50	05:33	2.72	1.82
523700	125	20:16:44.186	+14:43:42.02	0.04	0.05	21.54	4.01	21.2y	2024/06/02	275	106	6	02:50	07:58	5.14	0.75
583751	125	20:17:03.393	-16:45:08.88	0.04	0.05	22.08	1.71	9.0y	2024/06/15	F51	62	6	02:50	05:55	3.08	1.75
23PL5	126	20:19:23.846	-14:33:49.09	0.05	0.08	22.91	1.57	9.2y	2023/10/07	269	16	6	02:50	06:11	3.36	1.91
523783	127	20:22:57.428	-17:25:30.88	0.07	0.08	22.93	3.66	14.4y	2024/07/03	G37	121	6	02:50	05:56	3.10	0.82
17OK69	128	20:24:05.169	-07:29:40.66	0.88	1.40	23.29	1.39	4.9y	2022/07/04	G37	15	5	02:50	06:53	4.05	2.16
14NB96	130	20:38:16.321	-18:02:21.00	0.05	0.06	21.82	1.73	9.2y	2023/09/03	F52	27	6	02:50	06:06	3.27	1.73
23PB5	131	20:39:01.260	-13:33:04.07	6.16*	18.07	22.73	2.02	1.1y	2024/10/04	G37	8	4	02:50	06:37	3.79	1.49
23PA5	132	20:41:29.792	-12:01:13.37	0.25	0.80	22.57	2.26	2.0y	2025/07/29	F52	12	6	02:50	06:48	3.97	1.33
23PZ4	132	20:42:38.525	-10:57:52.50	13.62*	39.01	22.92	1.92	1.1y	2024/10/04	G37	8	4	02:50	06:55	4.08	1.56
523649	128	20:43:32.335	+25:17:27.06	0.06	0.08	22.51	10.74	13.8y	2024/07/03	G37	69	6	02:50	08:50	6.01	0.28
24PP38	133	20:44:04.138	-06:18:03.78	0.22	2.28	20.78	13.62	1.1y	2025/08/29	F52	25	6	02:50	07:18	4.47	0.22
04MT8	133	20:50:39.974	-19:18:26.20	0.11	0.10	22.81	1.76	20.0y	2024/07/03	G37	26	6	02:50	06:08	3.31	1.70
04MU8	134	20:57:10.742	-18:41:31.75	0.03	0.04	22.33	1.75	19.1y	2023/08/14	G37	53	6	02:50	06:20	3.50	1.71
22OH10	138	21:05:09.306	+05:46:30.69	0.03	0.05	21.90	5.69	15.3y	2024/09/10	F52	65	6	02:50	08:22	5.53	0.53
21QG98	137	21:15:17.639	-22:51:04.30	0.13	0.18	23.22	1.51	9.2y	2022/09/03	304	13	6	03:33	05:54	2.35	1.99
523711	142	21:17:53.794	+04:33:41.11	0.04	0.05	21.94	3.10	13.1y	2024/09/07	F51	139	6	02:50	08:31	5.68	0.97
88269=	139	21:18:40.654	-19:39:05.23	9.26*	10.10	22.37	3.81	4.9y	2006/05/02	250	19	6	03:01	06:33	3.54	0.79
21QF98	139	21:22:49.779	-21:13:43.01	0.16	0.21	22.28	2.89	8.1y	2022/09/03	304	13	6	03:21	06:22	3.02	1.04
837366	144	21:24:54.782	-03:46:33.91	0.06	0.06	23.42	6.43	20.5y	2024/07/03	G37	106	6	02:50	08:09	5.32	0.47
05NU125	143	21:25:13.309	+06:50:26.18	0.04	0.05	22.40	2.50	19.2y	2024/09/01	F51	89	6	02:50	08:45	5.92	1.20
20QH83	143	21:31:09.493	-14:36:37.04	2.86	4.66	22.54	2.86	2.1y	2022/09/30	G37	32	6	02:50	07:23	4.55	1.05
04OQ15	142	21:34:35.572	-19:38:55.95	0.10	0.11	22.60	2.43	19.9y	2024/07/03	G37	41	6	03:17	06:49	3.54	1.23
21QH98	144	21:38:03.990	-15:40:33.10	1.22	2.08	22.52	2.34	4.2y	2023/09/06	G37	12	6	02:50	07:23	4.55	1.28
21RV209	146	21:41:14.309	-11:17:25.39	0.25	0.32	23.89	1.59	22.1y	2022/09/03	304	14	6	02:50	07:52	5.03	1.89
14ME70	145	21:44:34.426	-18:49:11.05	0.07	0.09	22.15	2.59	10.2y	2022/09/02	F51	66	6	03:19	07:06	3.78	1.16
06QS180	149	21:49:00.977	+03:17:09.81	0.07	0.08	22.74	2.85	19.0y	2024/07/03	G37	22	6	02:50	08:58	6.13	1.05
14NY65	149	21:51:21.196	+06:31:58.71	0.06	0.08	22.21	2.85	10.3y	2023/08/14	G37	69	6	02:50	09:10	6.34	1.05
04PX107=	147	21:52:43.287	-16:07:45.31	0.08	0.09	23.21	2.46	21.1y	2024/07/03	G37	25	6	03:07	07:34	4.45	1.22
385528	151	21:56:06.393	-07:19:25.93	0.11	0.12	23.17	2.72	17.9y	2022/07/04	G37	25	6	02:50	08:25	5.59	1.10
708855	150	22:01:36.734	+11:14:22.27	0.04	0.06	21.46	6.83	12.1y	2024/07/01	F51	110	6	02:50	09:34	6.73	0.44
22QE261	152	22:03:10.102	-08:34:45.35	0.14	0.21	22.79	2.24	6.0y	2023/09/06	G37	11	6	02:50	08:27	5.61	1.34
19RO4	150	22:03:57.438	-16:10:19.07	0.41	0.49	22.94	2.58	4.8y	2024/07/03	G37	17	5	03:19	07:45	4.44	1.16
118698	154	22:04:15.719	-02:41:26.55	0.10	0.12	23.32	3.17	23.0y	2023/08/14	G37	55	6	02:50	08:52	6.04	0.95
05PK21	153	22:05:32.297	-08:00:15.42	0.18	0.21	22.69	2.80	15.4y	2020/11/26	W84	26	6	02:50	08:32	5.70	1.07
22OU15	154	22:09:01.458	-08:01:18.46	0.07	0.10	22.42	6.21	9.2y	2023/08/19	F51	83	6	02:50	08:35	5.75	0.48
14OW393	154	22:09:15.312	+06:30:24.10	0.16	0.19	23.74	4.25	7.1y	2020/08/12	G37	18	5	02:50	09:28	6.63	0.71
591370	150	22:11:02.337	+17:13:12.55	0.05	0.06	22.65	5.12	11.0y	2024/07/03	G37	164	6	02:50	09:59	7.15	0.59
86047	155	22:11:49.599	+04:49:39.38	0.08	0.09	22.78	2.80	24.1y	2023/09/06	G37	115	6	02:50	09:25	6.59	1.07
22QF261	156	22:13:32.196	-05:43:25.23	0.06	0.08	22.63	2.01	11.8y	2023/06/24	304	12	6	02:50	08:49	5.99	1.49
04OS15	153	22:13:35.279	-13:09:05.57	0.10	0.12	22.72	2.81	19.1y	2023/09/06	G37	23	6	03:10	08:14	5.06	1.07
99OD4	156	22:13:54.600	-02:05:54.53	0.15	0.17	23.16	2.76	22.2y	2021/09/12	G37	44	6	02:50	09:04	6.24	1.09
04PZ107=	156	22:14:06.582	-03:38:58.88	0.13	0.15	23.11	3.03	19.0y	2023/08/14	G37	25	6	02:50	08:58	6.14	0.99
13RD124	156	22:16:26.551	+04:27:56.71	0.07	0.08	22.44	2.94	10.0y	2023/09/06	G37	27	6	02:50	09:29	6.65	1.02
13RD156	155	22:17:18.020	+08:25:50.41	0.13	0.16	22.96	2.70	9.0y	2022/08/27	G37	16	6	02:50	09:42	6.86	1.11
22QD261	156	22:18:20.845	-07:11:08.49	0.12	0.18	22.89	2.23	6.0y	2023/09/06	G37	12	6	02:50	08:48	5.97	1.35
681521	157	22:19:51.342	-01:57:39.62	0.03	0.04	22.05	3.03	17.2y	2022/09/01	F51	143	6	02:50	09:10	6.34	0.99
523725	153	22:20:02.675	-17:14:54.60	0.03	0.04	21.79	2.78	14.1y	2024/09/10	F51	133	6	03:43	07:54	4.19	1.08
04PW117	156	22:22:29.329	-12:05:11.98	0.10	0.12	22.55	2.51	16.9y	2021/07/09	G37	24	6	03:13	08:28	5.26	1.20
98KY61	157	22:24:16.952	-11:08:40.56	0.10	0.11	23.57	2.54	25.3y	2023/09/06	G37	60	6	03:10	08:35	5.43	1.18
13NM24	157	22:24:28.096	-10:22:59.85	0.12	0.14	22.22	2.78	10.1y	2021/09/12	G37	80	6	03:06	08:39	5.55	1.08
13RQ157	157	22:24:36.527	+06:48:58.04	0.15	0.18	22.96	3.39	8.8y	2022/07/04	G37	12	5	02:50	09:44	6.90	0.88
14OV393	155	22:24:56.291	-13:48:15.08	0.06	0.08	22.22	2.68	12.2y	2023/09/06	G37	110	6	03:25	08:21	4.94	1.12
24LC5	143	22:26:21.969	+30:24:06.30	0.18	6.83	19.94	14.19	2.3y	2025/08/27	F51	58	6	02:50	10:44	7.91	0.21
04PU117	157	22:28:01.100	-11:08:37.66	0.15	0.18	22.93	2.75	17.1y	2021/09/12	G37	20	6	03:13	08:39	5.43	1.09
385194	158	22:28:24.422	-09:35:29.58	0.15	0.17	22.70	2.66	23.3y	2021/09/12	G37	74	6	03:06	08:47	5.68	1.13
612167=	156	22:28:39.500	-14:17:02.44	0.08	0.09	22.61	2.78	20.9y	2021/07/09	G37	80	6	03:32	08:22	4.84	1.08
01QW322	157	22:30:14.532	-12:05:15.59	0.58	0.68	23.99	2.62	22.1y	2023/09/06	G37	58	6	03:21	08:36	5.26	1.15
01OK108	158	22:32:09.804	-10:39:49.93	0.13	0.14	23.53	2.74	22.1y	2021/09/12	G37	22	6	03:15	08:46	5.51	1.09
45802	159	22:33:04.196	-08:45:38.55	0.22	0.24	23.91	2.73	23.0y	2022/07/04	G37	20	6	03:07	08:56	5.81	1.10
584778	108	22:33:07.329	+69:27:01.49	0.13	0.15	23.64	8.44	4.0y	2021/07/18	F51	226	6	02:50	11:45	8.91	0.36
13RM109	159	22:33:24.487	+06:31:19.09	0.06	0.08	22.46	2.91	10.0y	2023/09/06	G37	31	6	02:50	09:52	7.04	1.03
04PX117	159	22:34:45.546	-11:23:53.87	0.05	0.06	22.89	2.52	19.1y	2023/09/06	G37	20	6	03:21	08:44	5.38	1.19
00PU29	160	22:35:43.445	-08:07:51.09	0.32	0.41	23.91	2.86	22.2y	2021/09/12	G37	19	6	03:07	09:01	5.91	1.05
17MP42	160	22:36:53.031	+08:10:57.72	43.30*	54.81	23.22	2.75	1.1y	2017/08/22	W84	20	4	02:50	10:00	7.17	1.09
13RY156	162	22:38:21.651	+00:23:42.13	0.04	0.05	23.04	2.74	10.0y	2023/09/06	G37	15	6	02:50	09:37	6.79	1.09
624884	162	22:39:10.197	-01:14:11.23	0.13	0.17	22.01	4.74	16.2y	2020/09/13	F51	131	6	02:50	09:32	6.71	0.63
385527=	161	22:39:37.769	-09:06:35.08	0.11	0.13	22.37	3.44	19.1y	2023/09/06	G37	34	6	03:15	09:01	5.76	0.87
83982	157	22:42:17.435	-17:23:00.72	0.04	0.05	21.90	5.29	21.5y	2022/09/15	F51	320	6	04:06	08:15	4.15	0.57
16QX134	162	22:42:19.568	+03:44:00.57	0.09	0.13	22.55	2.95	7.0y	2023/09/06	G37	16	6	02:50	09:52	7.04	1.02
749801	163	22:43:03.567	+00:52:33.12	0.07	0.08	23.44	4.26	11.2y	2024/08/30	G37	184	6	02:50	09:44	6.90	0.70
98KS65	162	22:43:49.633	-09:08:40.83	0.07	0.09	23.60	2.83	23.3y	2021/09/12	G37	57	6	03:19	09:05	5.75	1.06
24RA22	164	22:44:31.584	+00:58:47.51	0.18	0.41	21.61	5.43	2.9y	2025/08/23	F52	33	6	02:50	09:45	6.93	0.55
03QG91=	162	22:44:54.818	-09:51:15.66	0.33	0.40	23.24	2.87	18.1y	2021/09/12	G37	18	6	03:24	09:02	5.64	1.05
13RL158	162	22:47:00.792	+08:08:12.83	0.07	0.10	22.79	3.27	10.0y	2023/09/06	G37	14	5	02:50	10:10	7.34	0.92
01QZ297=	163	22:49:51.302	-08:37:18.45	0.12	0.14	22.72	2.84	23.1y	2023/09/06	G37	33	6	03:23	09:13	5.83	1.06
16PN219	164	22:49:52.088	+04:31:52.98	0.07	0.08	22.41	2.88	10.0y	2023/09/06	G37	19	6	02:50	10:02	7.21	1.04
17SE279	164	22:50:36.837	+03:33:20.82	0.32	0.44	23.06	3.12	5.9y	2022/08/27	G37	14	5	02:50	10:00	7.17	0.96
13RH109	165	22:51:58.789	+03:10:02.99	0.05	0.06	22.97	3.28	10.0y	2023/09/06	G37	29	6	02:50	10:00	7.17	0.91
13RP98	165	22:53:12.537	+04:15:05.08	0.05	0.06	22.59	3.22	10.0y	2023/09/06	G37	46	6	02:50	10:05	7.25	0.93

nightplan.out

03QX90=	163	22:54:02.492	-10:30:12.60	0.12	0.14	22.86	2.75	20.0y	2023/09/06	G37	20	6	03:36	09:08	5.53	1.09
13RJ158	166	22:54:05.950	+01:44:25.68	0.05	0.06	22.83	2.90	10.0y	2023/09/06	G37	27	6	02:50	09:58	7.13	1.03
00PL30	166	22:55:13.536	-04:56:48.06	0.28	0.35	23.53	2.77	23.1y	2023/09/06	G37	21	6	03:12	09:34	6.36	1.08
612584	165	22:55:31.420	-07:26:36.37	0.08	0.09	22.51	2.12	18.2y	2021/09/12	G37	99	6	03:23	09:24	6.01	1.42
04QE29	164	22:58:38.677	+08:05:01.09	0.08	0.09	22.85	3.34	18.0y	2022/08/27	G37	34	6	02:50	10:22	7.53	0.90
13RS157	166	22:59:36.383	+05:11:38.65	0.06	0.07	22.78	3.02	11.0y	2024/08/30	G37	21	6	02:50	10:14	7.40	0.99
16QY134	166	22:59:51.448	+04:20:23.22	0.15	0.20	22.82	3.15	6.0y	2022/08/27	G37	14	6	02:50	10:12	7.36	0.95
05PL21	164	23:00:04.820	-10:44:57.51	0.10	0.11	22.97	2.72	18.1y	2023/09/06	G37	13	5	03:43	09:13	5.49	1.10
13RE158	168	23:00:43.395	-01:37:31.80	12.13*	14.64	23.40	3.25	4.1y	2017/10/21	W84	7	5	03:05	09:52	6.79	0.92
03QJ91=	166	23:01:16.728	-08:58:46.35	0.17	0.19	22.88	2.82	18.1y	2021/09/12	G37	20	6	03:36	09:23	5.78	1.06
14SD350	161	23:04:19.943	-16:50:35.13	0.18	0.24	23.19	2.81	8.1y	2022/08/27	G37	18	6	04:24	08:41	4.28	1.07
13RU128	169	23:05:06.497	-01:10:56.83	0.04	0.05	23.31	3.06	10.0y	2023/09/06	G37	38	5	03:08	09:58	6.84	0.98
14SR349	156	23:05:10.926	-22:30:50.56	0.11	0.17	23.53	2.24	9.0y	2023/09/06	G37	22	6	05:18	07:48	2.50	1.34
592064	169	23:06:45.751	-03:22:56.47	0.04	0.05	22.04	3.04	14.2y	2024/09/11	F52	140	6	03:18	09:52	6.57	0.99
16QF86	165	23:07:16.990	+09:22:56.54	0.05	0.07	22.07	4.92	10.2y	2024/09/10	F51	60	6	02:50	10:34	7.74	0.61
552033	163	23:07:34.270	+12:48:59.96	0.03	0.04	21.62	3.30	11.0y	2024/09/01	F51	143	6	02:50	10:44	7.90	0.91
99OH4	155	23:08:11.742	-24:26:09.77	2.18	2.37	23.87	3.07	7.0y	2006/08/03	250	22	6	05:55	07:17	1.37	0.98
00PY29	169	23:09:53.877	-06:08:57.99	1.62	1.81	23.47	2.72	12.2y	2012/10/11	G37	22	6	03:32	09:44	6.20	1.10
66452	169	23:10:58.626	-06:49:05.59	0.07	0.08	23.10	2.74	20.3y	2019/11/26	F51	128	6	03:36	09:42	6.10	1.09
385533	161	23:11:11.444	-17:48:04.02	0.68	0.76	22.90	2.91	9.1y	2013/10/06	695	26	6	04:38	08:41	4.05	1.03
385447=	167	23:11:12.809	-09:06:22.66	0.97	1.09	22.46	2.93	10.1y	2013/10/06	695	21	6	03:46	09:32	5.76	1.02
592147	169	23:12:06.043	-05:52:53.88	0.10	0.12	22.34	3.18	11.0y	2021/08/31	F51	92	6	03:33	09:47	6.24	0.94
469333	161	23:12:06.237	-17:13:20.91	0.03	0.03	22.07	2.87	24.1y	2024/09/08	F52	218	6	04:34	08:46	4.19	1.05
16NB208	169	23:12:13.973	+05:14:08.60	8.34*	10.58	23.40	3.27	3.2y	2018/09/09	W84	29	6	02:54	10:27	7.55	0.92
690822	169	23:15:35.618	-08:10:54.25	0.05	0.06	22.09	2.83	13.0y	2023/09/18	F51	110	6	03:47	09:41	5.90	1.06
455171	170	23:15:41.542	-06:37:39.65	0.26	0.28	23.23	2.75	15.9y	2015/05/28	W84	40	6	03:40	09:48	6.13	1.09
00PC30	170	23:16:31.970	-06:03:20.38	0.26	0.30	23.54	2.89	20.1y	2019/09/04	G37	24	6	03:38	09:51	6.21	1.04
13RM158	172	23:17:50.282	-00:31:06.28	0.04	0.05	22.41	3.19	11.0y	2024/08/30	G37	21	6	03:18	10:14	6.92	0.94
99RU214	170	23:18:06.021	-06:52:06.95	0.08	0.08	23.83	2.44	21.9y	2021/08/08	G37	23	6	03:43	09:49	6.10	1.23
612575=	172	23:19:05.672	-00:05:24.28	0.14	0.16	22.69	3.18	21.0y	2024/08/30	G37	56	6	03:18	10:16	6.97	0.94
13RQ124	173	23:22:29.358	-00:18:26.29	0.06	0.07	23.42	2.74	11.0y	2024/08/30	G37	37	6	03:22	10:19	6.95	1.09
99OZ3	172	23:24:10.830	-05:22:17.99	0.27	0.31	22.97	3.01	23.1y	2022/08/27	G37	32	6	03:43	10:01	6.31	1.00
385199	172	23:24:27.391	-05:20:22.69	0.12	0.14	22.34	2.94	22.2y	2021/10/03	G37	50	6	03:43	10:02	6.31	1.02
13RT109	164	23:24:41.053	+13:38:47.46	0.06	0.06	22.91	3.46	16.2y	2023/09/06	G37	34	6	02:50	11:03	8.22	0.87
666491	174	23:25:45.209	+01:12:02.49	0.06	0.07	22.04	5.58	14.0y	2023/07/26	F52	159	6	03:20	10:27	7.12	0.54
13SL106	170	23:27:11.027	+07:13:50.95	0.05	0.06	22.86	3.01	11.0y	2024/08/30	G37	29	6	03:03	10:48	7.75	1.00
13RT157	174	23:27:23.337	+01:35:59.84	0.10	0.12	23.33	2.93	9.0y	2022/08/27	G37	23	6	03:20	10:30	7.16	1.02
88611=	175	23:28:04.817	-01:19:39.69	0.07	0.08	22.13	2.86	20.1y	2020/09/21	G37	199	6	03:31	10:21	6.83	1.05
13RR157	175	23:28:08.819	-01:40:19.82	0.06	0.07	22.71	3.58	11.0y	2024/08/30	G37	34	6	03:33	10:20	6.78	0.84
23PY4	174	23:28:11.936	+00:23:29.16	21.46*	67.14	21.86	5.05	1.1y	2024/10/04	G37	8	4	03:25	10:27	7.03	0.59
03QY90=	172	23:28:24.581	-07:14:12.99	0.17	0.19	22.61	2.88	21.1y	2021/10/03	G37	48	6	03:55	09:58	6.04	1.04
523708	167	23:30:13.418	-12:44:36.46	0.04	0.06	22.21	7.69	13.4y	2024/09/10	F52	97	6	04:24	09:32	5.14	0.39
00OH67=	171	23:31:40.942	-09:19:27.74	0.19	0.20	22.64	2.92	21.0y	2021/08/08	G37	29	6	04:08	09:51	5.73	1.03
439858	174	23:32:35.521	-05:11:12.05	0.14	0.16	23.19	3.10	22.1y	2021/08/08	G37	46	6	03:51	10:11	6.33	0.97
591376	175	23:33:33.028	-03:43:12.59	0.08	0.10	22.42	4.28	11.0y	2021/08/31	F51	96	6	03:46	10:17	6.53	0.70
04QH29	174	23:34:39.403	+03:51:18.72	0.15	0.17	22.76	3.21	19.0y	2023/09/06	G37	27	6	03:20	10:45	7.41	0.93
134860=	175	23:34:56.973	-03:54:49.17	0.10	0.12	22.25	2.99	21.0y	2021/08/08	G37	204	6	03:48	10:18	6.50	1.00
469514=	174	23:34:57.700	-05:11:40.80	0.04	0.04	21.87	2.94	20.1y	2023/09/18	F51	215	6	03:53	10:13	6.33	1.02
690821	176	23:35:04.470	-01:41:00.52	0.04	0.05	22.26	3.98	13.1y	2023/10/11	F51	141	6	03:40	10:27	6.78	0.75
13SO112	177	23:38:49.338	-01:04:08.49	0.08	0.10	23.68	2.57	8.9y	2022/08/27	G37	12	5	03:41	10:32	6.86	1.17
182397=	169	23:39:07.637	-11:49:34.71	0.11	0.12	23.02	2.55	22.0y	2022/08/27	G37	29	6	04:28	09:46	5.31	1.18
02PU170	177	23:39:28.287	-01:17:28.72	0.15	0.17	22.92	3.02	21.1y	2023/09/06	G37	28	6	03:43	10:32	6.83	0.99
523591=	173	23:40:12.902	-07:37:38.80	0.08	0.09	22.07	3.04	23.0y	2023/09/14	F51	104	6	04:09	10:08	5.99	0.99
612238=	176	23:41:22.973	-04:31:54.60	0.13	0.15	22.68	2.98	20.0y	2021/08/08	G37	90	6	03:57	10:22	6.42	1.01
602714	177	23:42:26.922	+00:36:37.82	0.09	0.11	22.70	3.50	11.1y	2022/08/27	G37	76	6	03:39	10:42	7.05	0.86
16PO296	174	23:42:28.320	+04:33:33.71	0.20	0.24	23.59	2.06	14.3y	2019/09/27	T09	27	6	03:26	10:55	7.48	1.46
533704	172	23:42:51.646	-08:43:22.13	0.06	0.07	22.11	2.99	11.1y	2021/09/30	F51	115	6	04:16	10:05	5.82	1.00
49673	164	23:43:01.077	-17:29:37.70	0.14	0.16	23.27	3.18	23.1y	2022/08/27	G37	43	6	05:07	09:15	4.13	0.94
19QF112	178	23:44:09.538	-01:51:49.95	5.00*	7.34	23.28	2.83	2.1y	2021/10/05	W84	12	6	03:49	10:35	6.76	1.06
16PN220	174	23:44:29.667	+04:33:43.93	0.14	0.20	22.88	3.07	6.1y	2022/08/27	G37	17	6	03:28	10:57	7.48	0.98
408832=	178	23:44:50.572	-02:10:47.08	0.17	0.19	22.15	2.92	21.2y	2021/10/03	G37	30	6	03:51	10:34	6.72	1.03
16PT220	174	23:45:11.037	+05:08:07.73	0.13	0.18	22.58	3.28	6.0y	2022/08/27	G37	18	6	03:27	10:59	7.54	0.91
99RT214	177	23:45:11.387	-03:20:50.79	0.26	0.30	23.44	3.16	21.9y	2021/08/08	G37	47	6	03:56	10:30	6.57	0.95
03QE112=	175	23:45:19.413	-06:13:40.01	0.19	0.22	22.53	2.92	18.1y	2021/10/03	G37	16	6	04:08	10:19	6.19	1.03
13RF158	168	23:46:48.398	+10:36:39.36	0.09	0.12	23.67	3.25	9.0y	2022/08/27	G37	29	6	03:13	11:17	8.07	0.92
612095	176	23:47:03.068	-04:43:00.56	0.17	0.19	22.38	3.40	23.1y	2022/08/27	G37	66	6	04:03	10:27	6.39	0.88
13RV128	171	23:48:54.618	+07:50:50.82	0.09	0.10	23.36	2.98	22.0y	2022/08/27	G37	34	6	03:22	11:11	7.81	1.01
14NB66	175	23:48:59.698	+03:29:33.40	0.08	0.10	22.02	2.73	11.2y	2021/08/08	F51	140	6	03:36	10:58	7.37	1.10
19SN235	177	23:49:06.678	-03:53:27.63	5.73*	8.44	23.99	2.78	2.1y	2021/10/02	W84	10	6	04:02	10:32	6.50	1.08
19QC111	178	23:50:14.168	-02:39:23.03	14.54*	21.29	23.43	2.91	2.1y	2021/10/02	W84	8	4	03:58	10:38	6.66	1.03
02PX170	179	23:51:37.887	-02:23:34.57	0.22	0.26	23.25	2.97	17.1y	2019/09/27	W84	31	6	03:59	10:40	6.69	1.01
13SN106	177	23:51:54.125	+02:03:07.97	0.06	0.07	22.95	2.91	21.9y	2022/08/27	G37	26	6	03:43	10:56	7.21	1.03
01QX297=	179	23:52:01.164	+00:07:49.56	1.25	1.38	22.17	3.00	9.2y	2009/11/20	250	31	6	03:50	10:50	7.00	1.00
612388	179	23:52:35.484	-02:13:22.77	0.02	0.03	22.10	3.07	21.1y	2023/09/18	F51	257	6	03:59	10:42	6.72	0.98
13PX74	174	23:52:52.266	-07:14:23.12	0.07	0.09	21.96	2.89	10.0y	2021/08/16	F51	67	6	04:20	10:22	6.04	1.04
07RX326	152	23:53:00.402	+26:30:39.62	1.21	1.41	23.37	3.05	10.3y	2017/12/20	G37	24	6	02:50	11:45	8.91	0.98
01QA298=	159	23:53:19.745	-22:12:32.96	0.44	0.51	22.71	3.32	14.1y	2014/09/19	W84	25	6	06:02	08:40	2.64	0.90
21RW236	179	23:53:33.778	-01:08:46.47	9.17*	13.42	23.57	2.82	2.0y	2021/10/03	W84	8	5	03:56	10:47	6.85	1.06
02PZ170	179	23:53:37.005	-02:02:00.55	0.09	0.12	23.54	2.98	19.2y	2021/10/07	W84	32	6	03:59	10:44	6.74	1.01
02PC171	178	23:53:40.300	+00:48:59.90	0.91	1.03	23.63	2.96	13.3y	2015/11/08	G37	22	6	03:49	10:54	7.08	1.01
99RX215	179	23:53:54.627	-01:38:06.63	0.10	0.11	23.44	2.93	23.0y	2022/08/27	G37	22	6	03:58	10:45	6.79	1.02
00OP67=	179	23:54:08.007	-00:34:31.63	0.14	0.16	23.41	3.00	22.1y	2022/08/27	G37	42	6	03:55	10:50	6.91	1.00
135742	177	23:54:16.769	+01:42:51.58	0.21	0.25	22.87	3.00	17.1y	2019/09/04	G37	40	6	03:47	10:58	7.18	1.00
02PS170	178	23:54:25.656	-02:51:20.89	0.11	0.14	23.72	3.02	19.2y	2021/10/02	W84	30	6	04:03	10:41	6.64	0.99
21TH192	178	23:55:02.871	-02:38:47.27	20.93*	31.10	23.54	3.11	2.1y	2021/10/02	W84	10	5	04:03	10:43	6.66	0.96
13PW74	176	23:55:10.547	+02:57:37.81	0.05	0.07	22.28	3.58	11.9y	2022/08/27	G37	147	6	03:44	11:03	7.31	0.84
02PY170	177	23:55:15.099	-03:36:14.42	1.06	1.19	23.93	2.97	12.0y	2014/07/29	G37	15	6	04:07	10:39	6.54	1.01
000B51	176	23:55:22.528	-04:20:58.93	0.12	0.19	23.24	3.49	23.1y	2022/08/27	G37	24	6	04:10	10:37	6.44	0.86
13TC172	171	23:55:31.805	+07:20:29.28	0.05	0.06	22.68	2.96	21.9y	2022/08/27	G37	33	6	03:31	11:16	7.76	1.01
13RG156	176	23:55:38.977	+02:08:15.54	0.31	0.38	23.86	2.86	6.1y	2019/11/02	T09	34	6	03:47	11:00	7.22	1.05
19VD51	176	23:56:14.231	+02:43:18.04	2.35	3.03	23.81	2.81	4.4y	2019/12/28	T09	69	6	03:46	11:03	7.29	1.07
19QF111	178	23:56:19.320	-02:35:47.90	5.87*	8.51	23.47	2.80	2.1y	2021/10/07	W84	8	5	04:04	10:44	6.67	1.07
19QC110	178	23:56:54.129	-00:58:34.94	11.17*	16.37	23.95	2.85	2.1y	2021/10/04	W84	8	4	03:59	10:51	6.87	1.05
542889	165	23:57:11.515	-16:06:09.20	0.07	0.09	22.32	4.58	11.0y	2021/08/05	F51	97	6	05:11	09:39	4.46	0.66
21RS237	178	23:57:43.785	-00:31:35.79	22.74*	33.63	23.85	3.03	2.1y	2021/10/03	W84	10	5	03:58	10:53	6.92	0.99
04PS107=	165	23:57:57.593	-15:52:51.21	1.15	1.32	23.35	3.16	10.0y	2014/07/29	G37	12	5	05:11	09:41	4.51	0.95
19QX110	178	23:58:32.817	-01:46:13.22	5.96*	8.74	23.56	2.91	2.0y	2021/09/09	W84	10	6	04:03	10:50	6.77	1.03
385266=	176	23:58:38.557	+01:43:30.73	0.10	0.12	22.48	3.16	20.1y	2021/10/03	G37	35	6	03:51	11:02	7.18	0.95
19QO110	178	23:58:39.467	-01:18:34.76	5.46*	8.00	23.49	2.91	2.1y	2021/10/04	W84	10	6	04:02	10:51	6.83	1.03
427581=	177	23:58:44.314	-03:27:34.60	0.12	0.14	22.80	3.40	19.0y	2022/08/27	G37	27	6	04:10	10:43	6.56	0.88
19SB235	175	23:59:12.138	+03:25:15.16	5.51*	8.03	23.63	3.32	2.1y	2021/10/01	W84	9	5	03:46	11:08	7.36	0.90
19QE112	178	23:59:32.188	-01:27:05.12	1.58	2.39	23.35	2.89	3.0y	2022/08/24	W84	22	6	04:03	10:52	6.81	1.04
19QD112	177	00:00:19.191	-00:33:30.25	10.41*	15.28	23.32	3.05	2.1y	2021/10/04	W84	13	4	04:01	10:56	6.92	0.98
19QV109	177	00:00:25.486	-01:07:46.65	6.60*	9.90	23.60	3.15	2.1y	2021/10/07	W84	10	6	04:03	10:54	6.85	0.95
03QL91=	177	00:00:39.878	-00:22:56.83	0.09	0.12	22.88	3.03	18.1y	2021/10/04	W84	59	6	04:00	10:57	6.94	0.99
21RX237	177	00:01:00.310	-01:05:27.72	8.74*	12.77	23.98	3.13	2.0y	2021/10/04	W84	8	5	04:03	10:55	6.85	0.96
529823	176	00:01:22.408	-04:06:37.78	0.03	0.04	22.20	3.42	12.1y	2022/09/02	F51	340	6	04:15	10:44	6.48	0.88
21TK192	177	00:01:35.314	-01:39:28.72	1.52	2.32	23.59	3.06	3.0y	2022/08/24	W84	55	6	04:06	10:53	6.79	0.98
612239=	158	00:01:39.017	+20:32:56.22	0.05	0.06	22.49	3.12	24.1y	2024/09/05	F52	87	6	03:02	11:45	8.71	0.96
14SF350	173	00:01:49.140	-06:55:37.34	0.12	0.15	23.15	2.72	10.1y	2021/09/28	F51	43	6	04:27	10:32	6.09	1.10
07RZ326	136	00:02:03.497	+42:22:07.28	0.12	0.14	23.49	3.37	16.0y	2023/09/06	G37	35	6	02:50	11:45	8.91	0.89
19QO111	177	00:02:05.463	-00:04:14.80	13.87*	20.34	23.28	2.99	2.1y	2021/10/06	W84	8	4	04:01	10:59	6.97	1.00
14SC350	171	00:02:31.351	-09:12:53.42	0.15	0.18	22.93	2.90	9.1y	2022/08/27	G37	25	6	04:38	10:23	5.74	1.03
05PS21	176	00:03:45.791	+00:47:14.92	0.08	0.09	22.72	2.97	17.2y	2022/10/29	G37	20	6	03:59	11:04	7.07	1.01
19VP53	175	00:03:47.446	+03:03:54.01	0.09	0.11	23.59	3.15	14.2y	2019/12/28	T09	28	6	03:52	11:11	7.33	0.95
602572	170	00:04:03.957	-10:27:38.41	0.06	0.08	22.33	3.40	13.2y	2023/09/14	F51	55	6	04:46	10:18	5.54	0.88
137294	176	00:04:10.396	-00:20:02.69	0.10	0.11	22.61	2.88	23.0y	2022/08/27	G37	49	6	04:04	11:00	6.94	1.04
612580=	176	00:04:21.339	-03:08:17.37	0.04	0.04	21.97	3.48	20.0y	2023/08/21	F51	160	6	04:14	10:50	6.60	0.86
21TJ192	176	00:04:54.756	+00:30:47.06	4.26	6.22	23.02	3.21	2.1y	2021/10/04	W84	29	6	04:02	11:04	7.04	0.93
613766	173	00:05:25.382	+05:02:45.38	0.09	0.10	22.98	4.10	10.3y	2017/11/13	F51	165	6	03:47	11:19	7.53	0.73
13RR109	174	00:05:44.298	+03:50:57.31	0.09	0.11	23.06	2.83	9.1y	2022/10/29	G37	68	6	03:51	11:16	7.41	1.06
66652	176	00:06:54.472	+00:07:26.17	0.03	0.03	21.75	3.02	24.1y	2023/10/11	F51	274	6	04:05	11:05	7.00	0.99
13SG102	174	00:07:06.165	+03:29:34.70	0.08	0.09	22.87	3.01	9.0y	2022/08/27	G37	79	6	03:54	11:16	7.37	1.00
07RY326	158	00:07:54.856	+20:48:14.92	0.09	0.11	22.99	3.39	16.0y	2023/09/06	G37	41	6	03:08	11:45	8.62	0.88
21RM238	175	00:08:11.387	-03:34:39.46	2.27	3.44	23.73	3.00	2.9y	2022/08/24	W84	12	6	04:20	10:52	6.54	1.00
13SF112	172	00:09:35.490	+05:02:38.67	0.09	0.11	23.40	2.91	8.9y	2022/08/27	G37	37	6	03:51	11:23	7.53	1.03
16PO220	169	00:09:35.911	+09:14:11.65	0.10	0.14	22.83	3.17	6.0y	2022/08/27	G37	22	6	03:39	11:36	7.95	0.95
686081	161	00:10:06.369	-19:00:43.63	0.05	0.06	22.17	2.77	13.2y	2023/09/15	F51	109	6	05:46	09:30	3.73	1.08
597614	167	00:10:35.138	+10:33:52.17	0.12	0.13	23.05	2.59	16.9y	2022/08/27	G37	53	6	03:36	11:41	8.07	1.16
303712	174	00:11:41.354	+01:52:41.20	0.06	0.07	22.21	3.02	16.0y	2021/08/17	F51	227	6	04:04	11:15	7.20	0.99
471954	168	00:12:03.432	+09:26:07.26	0.04	0.05	21.96	2.88	15.0y	2024/09/13	F52	223	6	03:41	11:39	7.96	1.04
591392	171	00:12:15.953	-08:35:22.02	0.10	0.12	22.33	3.11	11.2y	2021/08/16	F51	80	6	04:45	10:35	5.84	0.96

nightplan.out

02PO149=	174	00:13:12.836	+00:44:09.30	0.09	0.10	22.95	2.79	20.0y	2022/08/27	G37	19	6	04:09	11:13	7.07	1.08
661333	162	00:13:32.065	-17:53:34.01	0.03	0.04	22.16	3.70	20.1y	2024/09/11	F51	116	6	05:41	09:42	4.03	0.81
16SD106	172	00:13:44.231	+04:32:34.01	0.31	0.38	22.73	2.76	6.1y	2019/10/27	T09	26	6	03:57	11:26	7.48	1.09
13RJ109	174	00:14:01.528	+01:05:56.32	0.13	0.15	22.68	3.16	7.0y	2020/09/21	G37	80	6	04:09	11:15	7.11	0.95
524612=	172	00:15:32.055	+02:54:53.78	0.11	0.12	22.61	2.76	17.1y	2020/09/13	F51	83	6	04:04	11:23	7.31	1.09
04PD112=	173	00:16:39.314	+00:29:13.34	0.16	0.18	23.06	2.50	19.1y	2023/09/06	G37	20	6	04:13	11:16	7.04	1.20
03QS91=	172	00:16:43.299	+02:38:10.71	1.22	1.40	22.99	3.18	10.9y	2014/07/29	G37	13	6	04:06	11:23	7.28	0.94
10RM45	160	00:16:59.284	-19:31:35.67	0.07	0.09	21.60	3.18	14.0y	2024/09/04	F52	42	6	05:58	09:32	3.58	0.94
07RL314	166	00:17:00.467	+11:25:16.17	0.09	0.12	22.69	3.10	15.9y	2022/08/27	G37	32	6	03:40	11:45	8.07	0.97
14PS70	169	00:17:19.358	+07:43:03.36	0.09	0.12	22.40	3.19	9.1y	2022/10/02	F51	37	6	03:51	11:39	7.80	0.94
666449	170	00:17:40.018	+05:54:11.75	0.06	0.08	22.58	3.16	12.3y	2022/08/27	G37	158	6	03:57	11:34	7.62	0.95
118702=	157	00:18:41.879	+21:05:15.42	1.13	1.22	23.09	2.59	24.3y	2024/11/01	G37	24	6	03:18	11:45	8.45	1.16
86177	157	00:19:16.899	+20:19:27.13	0.04	0.05	22.03	3.53	22.1y	2021/10/06	F51	142	6	03:20	11:45	8.41	0.85
385446=	173	00:19:34.067	-00:33:54.58	0.27	0.31	22.47	3.01	18.1y	2021/09/12	G37	60	6	04:20	11:15	6.92	1.00
03QE91=	172	00:21:40.726	+01:46:43.85	0.19	0.21	23.15	3.04	18.0y	2021/08/08	G37	19	6	04:14	11:25	7.18	0.99
06SE415	167	00:21:50.486	+09:46:34.88	1.38	1.58	23.55	2.99	9.1y	2015/11/08	G37	19	6	03:50	11:45	7.91	1.00
13RO158	171	00:21:53.926	+03:25:04.07	0.09	0.11	22.90	3.38	10.0y	2023/09/06	G37	28	6	04:09	11:31	7.36	0.89
05PT21	171	00:22:38.731	+01:10:08.27	0.08	0.09	23.81	2.55	16.1y	2021/09/12	G37	20	6	04:17	11:24	7.12	1.18
02PD155=	168	00:23:20.440	+07:08:26.50	0.56	0.67	23.64	2.96	19.2y	2020/10/20	G37	22	6	03:59	11:43	7.74	1.01
13SY112	167	00:24:31.708	+09:09:12.04	36.98*	43.72	23.81	3.02	2.1y	2015/11/07	W84	8	5	03:54	11:45	7.84	0.99
13RW128	167	00:25:21.875	+08:51:57.60	0.08	0.10	22.53	3.07	12.9y	2021/10/03	G37	27	6	03:56	11:45	7.81	0.98
11OB60	166	00:26:23.591	-11:06:39.32	0.06	0.07	22.10	3.32	13.0y	2023/09/15	F51	83	6	05:11	10:37	5.43	0.90
06SF415	157	00:26:33.882	+19:53:32.67	0.12	0.15	23.50	3.05	17.0y	2023/09/06	G37	21	6	03:28	11:45	8.27	0.98
160091=	169	00:27:05.452	+04:29:22.02	0.11	0.13	23.08	2.85	20.1y	2020/09/21	G37	58	6	04:11	11:39	7.48	1.05
16PV298	170	00:28:40.117	+02:01:17.95	3.49	4.37	23.27	3.38	5.0y	2018/09/17	W84	43	6	04:20	11:33	7.21	0.89
612175	170	00:29:05.163	+01:54:15.68	0.09	0.11	22.56	2.86	21.0y	2021/09/12	G37	74	6	04:21	11:33	7.20	1.05
13RN124	169	00:29:54.826	+02:16:34.18	0.12	0.14	22.91	2.80	7.0y	2020/09/21	G37	27	6	04:21	11:35	7.24	1.07
16PM220	163	00:31:00.763	+12:37:37.62	0.13	0.19	22.87	3.52	6.2y	2022/10/29	G37	17	6	03:51	11:45	7.89	0.85
14PZ102	170	00:31:25.530	-00:04:27.62	0.08	0.11	22.32	3.15	9.1y	2023/09/06	G37	21	6	04:30	11:28	6.97	0.95
14SP434	168	00:31:27.478	+03:52:08.10	0.22	0.26	23.66	4.98	12.1y	2015/08/20	T09	45	6	04:17	11:42	7.41	0.60
134210=	165	00:31:47.398	+09:18:39.49	0.07	0.08	22.95	3.08	21.2y	2022/10/29	G37	137	6	04:01	11:45	7.73	0.97
16PP220	167	00:34:52.767	+06:05:32.48	0.20	0.28	22.38	3.14	6.2y	2022/10/29	G37	26	6	04:14	11:45	7.52	0.96
14OC394	169	00:34:58.928	+01:02:40.37	0.10	0.12	22.38	3.04	12.0y	2021/11/01	F51	79	6	04:30	11:36	7.10	0.99
13SQ112	169	00:35:11.028	+00:31:47.27	0.08	0.10	23.84	3.27	9.9y	2023/09/06	G37	23	6	04:32	11:34	7.04	0.92
05RH52	151	00:35:17.289	+25:33:49.61	0.13	0.14	23.40	2.67	15.9y	2021/08/08	G37	32	6	03:24	11:45	8.34	1.12
13RP156	161	00:35:54.759	+14:30:17.50	0.23	0.29	23.22	3.02	8.2y	2021/11/05	G37	14	6	03:51	11:45	7.89	0.99
06SH415	147	00:36:01.269	+30:25:54.49	0.16	0.20	23.33	3.14	16.1y	2022/10/29	G37	32	6	03:14	11:45	8.51	0.96
13SP112	168	00:36:02.442	-02:14:39.61	0.14	0.18	23.86	2.96	8.1y	2021/11/05	G37	16	6	04:42	11:25	6.71	1.01
523714	168	00:36:31.661	-05:07:50.24	0.04	0.06	22.16	8.85	12.5y	2023/10/19	F51	112	6	04:54	11:15	6.34	0.34
99RG215	167	00:36:40.885	+04:12:53.98	0.13	0.15	23.27	2.87	21.9y	2021/08/08	G37	39	6	04:21	11:45	7.39	1.05
16RR82	168	00:37:00.285	+02:42:23.65	0.28	0.37	23.25	2.79	5.1y	2021/11/05	G37	12	5	04:26	11:43	7.29	1.08
602715	167	00:37:53.639	+03:13:02.67	0.15	0.19	22.48	3.48	8.1y	2021/09/12	G37	86	6	04:25	11:45	7.32	0.86
13RR156	162	00:38:54.747	+12:26:00.03	0.16	0.19	22.92	2.47	8.2y	2021/11/05	G37	20	6	04:00	11:45	7.75	1.21
16QZ134	166	00:39:03.595	+05:51:52.84	0.50	0.67	23.14	3.11	5.2y	2021/11/05	G37	12	6	04:18	11:45	7.44	0.96
16RS82	167	00:39:52.708	+01:50:27.07	0.32	0.44	22.81	2.87	5.1y	2021/11/05	G37	11	6	04:32	11:43	7.19	1.05
592148	166	00:42:04.955	+03:06:46.33	0.10	0.12	22.47	2.70	11.0y	2021/09/12	G37	116	6	04:30	11:45	7.25	1.11
13RT156	167	00:42:20.275	-04:09:35.26	0.58	0.71	23.11	2.46	5.2y	2018/11/26	W84	21	6	04:56	11:24	6.47	1.22
14SF378	163	00:42:48.433	-11:32:14.37	0.08	0.10	22.26	3.25	7.2y	2021/10/30	F52	108	6	05:30	10:51	5.36	0.92
13SU112	165	00:42:48.494	+06:25:40.16	0.25	0.31	23.71	2.88	8.1y	2021/11/05	G37	14	6	04:20	11:45	7.40	1.04
03QN91=	166	00:43:42.424	+04:03:39.06	0.18	0.20	22.97	3.15	20.0y	2023/09/06	G37	17	6	04:29	11:45	7.27	0.95
16RQ82	166	00:43:52.799	+00:26:24.34	0.30	0.39	23.11	2.81	5.2y	2021/11/05	G37	16	6	04:41	11:43	7.03	1.07
601690	133	00:44:17.480	+44:01:24.40	0.07	0.09	21.84	5.15	13.1y	2023/08/24	F51	117	6	02:53	11:45	8.85	0.58
13RE124	166	00:44:23.010	-03:51:00.73	0.09	0.11	22.84	2.93	8.0y	2021/09/12	G37	23	6	04:57	11:27	6.51	1.02
13UL49	165	00:44:23.795	+04:55:06.30	2.61	3.21	22.82	2.83	5.0y	2018/10/28	W84	17	6	04:27	11:45	7.30	1.06
13RY155	166	00:44:29.035	+02:56:59.55	0.55	0.66	23.58	2.62	5.0y	2018/09/14	W84	16	6	04:33	11:45	7.20	1.15
03QT90=	166	00:44:42.601	+02:44:44.38	0.85	0.98	22.92	2.79	13.2y	2016/11/05	W84	12	6	04:34	11:45	7.18	1.08
13SA113	162	00:45:22.463	+11:01:49.20	0.14	0.17	23.62	3.00	8.1y	2021/11/05	G37	12	5	04:10	11:45	7.58	1.00
612174	166	00:45:54.892	+01:58:33.45	0.20	0.23	22.82	2.91	18.1y	2018/10/18	W84	40	6	04:38	11:45	7.12	1.03
13RO156	164	00:46:19.240	+06:23:18.16	1.12	1.37	23.39	2.98	5.2y	2018/11/07	W84	18	6	04:24	11:45	7.34	1.01
612583=	163	00:47:49.432	+07:18:31.14	0.07	0.08	22.92	3.01	18.0y	2021/09/12	G37	82	6	04:23	11:45	7.36	1.00
16QP134	165	00:47:56.236	-03:36:59.25	4.97*	6.37	22.60	2.75	4.3y	2018/11/26	W84	18	6	05:00	11:32	6.54	1.09
14LR14	165	00:48:09.725	+04:09:33.46	0.28	0.34	23.35	7.54	8.3y	2020/08/13	F51	99	6	04:33	11:45	7.20	0.40
14PM82	159	00:48:30.845	+13:35:40.03	0.06	0.08	22.75	2.89	10.1y	2023/10/16	G37	156	6	04:06	11:45	7.64	1.04
13RT158	164	00:49:01.803	+04:13:55.03	0.14	0.15	23.19	2.64	18.2y	2018/11/08	W84	23	6	04:33	11:45	7.19	1.14
16SZ105	165	00:49:24.412	+02:35:10.71	0.18	0.24	22.88	2.95	5.1y	2021/11/05	G37	12	5	04:39	11:45	7.10	1.02
13TK228	163	00:49:38.972	+06:00:25.70	5.12*	6.18	23.66	2.65	4.0y	2017/10/22	W84	13	6	04:28	11:45	7.27	1.13
04PB108=	163	00:49:39.598	-09:28:14.73	0.35	0.41	22.37	3.06	17.1y	2021/09/12	G37	47	6	05:26	11:08	5.70	0.98
13SZ112	164	00:49:46.734	+05:47:41.81	3.19	3.93	23.15	2.92	4.9y	2018/09/10	W84	13	6	04:29	11:45	7.26	1.03
13RV155	159	00:49:46.800	+14:08:26.36	4.05	5.01	22.59	3.20	4.2y	2017/10/28	W84	22	6	04:06	11:45	7.65	0.94
13ST112	162	00:49:55.829	+09:16:17.70	1.24	1.51	22.92	2.92	5.1y	2018/11/08	W84	15	6	04:19	11:45	7.42	1.03
03QF91=	164	00:50:30.394	+03:37:48.09	0.12	0.14	23.30	2.92	18.1y	2021/10/03	G37	19	6	04:37	11:45	7.13	1.03
14UP250	164	00:50:42.967	+04:49:56.70	0.19	0.24	23.00	2.42	5.8y	2020/08/12	G37	27	5	04:33	11:45	7.19	1.24
13SD106	161	00:50:46.502	+09:59:12.90	0.07	0.08	22.83	2.52	17.1y	2021/09/12	G37	30	6	04:18	11:45	7.44	1.19
13TL228	162	00:51:25.215	+08:22:26.25	0.58	0.69	23.49	2.65	5.1y	2018/11/07	W84	18	6	04:23	11:45	7.36	1.13
13RS109	162	00:51:47.908	+07:28:17.83	0.06	0.07	22.88	2.87	16.8y	2021/09/12	G37	28	6	04:26	11:45	7.31	1.05
13VZ31	164	00:52:22.066	+02:59:44.49	0.09	0.11	22.98	2.62	7.9y	2021/09/12	G37	32	6	04:41	11:45	7.07	1.15
16SB106	164	00:52:43.920	+00:41:19.03	3.53	4.37	22.85	2.86	4.2y	2018/10/18	W84	14	6	04:49	11:45	6.93	1.05
13SE112	160	00:53:33.157	+10:55:15.17	0.19	0.23	23.43	3.07	8.1y	2021/11/05	G37	16	6	04:18	11:45	7.44	0.98
612576=	164	00:53:36.675	-00:23:51.48	0.28	0.33	22.85	3.03	18.2y	2021/11/05	G37	33	6	04:53	11:45	6.86	0.99
14UN277	163	00:54:37.118	+02:29:04.98	3.64	4.53	23.28	2.87	3.9y	2018/09/14	W84	11	6	04:45	11:45	7.00	1.05
16RH82	163	00:54:49.187	+03:14:10.20	4.21	5.24	23.28	2.85	3.9y	2018/09/14	W84	11	6	04:42	11:45	7.04	1.05
16RG82	163	00:55:31.645	+02:12:36.28	4.93*	6.16	23.05	2.95	4.0y	2018/09/14	W84	9	6	04:46	11:45	6.97	1.02
16RP82	162	00:55:34.167	+05:23:11.45	9.43*	12.08	22.57	3.37	2.2y	2018/11/26	W84	18	6	04:36	11:45	7.14	0.89
16RO82	153	00:56:03.576	-23:10:10.21	0.16	0.21	22.06	3.24	5.1y	2021/09/30	F52	18	6	07:18	09:29	2.19	0.93
13TM228	162	00:56:34.975	+05:32:41.09	2.62	3.24	23.31	3.02	4.9y	2018/09/17	W84	15	6	04:37	11:45	7.13	0.99
13TP228	163	00:56:36.800	+03:56:26.25	0.27	0.33	23.16	2.65	6.1y	2019/11/05	T09	27	6	04:42	11:45	7.05	1.13
16RU81	163	00:56:48.972	+02:18:28.35	0.58	0.71	23.31	2.96	5.0y	2018/09/14	W84	8	6	04:47	11:45	6.96	1.01
02PP149=	159	00:57:34.680	-13:45:36.04	0.70	0.83	22.67	3.24	17.1y	2017/09/23	G37	20	6	05:57	10:54	4.95	0.93
14QL562	163	00:58:28.176	-00:30:10.08	3.33	4.19	22.86	2.98	4.1y	2018/09/14	W84	13	6	04:59	11:45	6.77	1.01
613037	151	00:58:31.169	+22:12:09.93	0.03	0.04	22.25	2.59	19.0y	2024/09/05	F52	171	6	03:55	11:45	7.83	1.16
16QA135	162	00:58:49.789	-04:12:32.47	9.27*	11.68	22.70	3.04	2.2y	2018/11/07	W84	16	6	05:13	11:40	6.46	0.99
13RX157	162	00:58:56.871	+05:13:36.28	0.83	1.02	23.29	2.97	5.0y	2018/09/21	W84	17	6	04:40	11:45	7.08	1.01
13TY228	163	00:58:57.614	+01:18:01.66	5.01*	6.08	23.59	2.47	3.9y	2017/09/18	W84	9	6	04:53	11:45	6.87	1.21
13TX187	161	00:59:12.093	+06:03:15.21	0.25	0.31	22.95	2.88	6.9y	2020/08/12	G37	27	6	04:38	11:45	7.11	1.04
160256=	162	00:59:33.546	+00:55:22.28	0.27	0.31	22.76	2.79	18.2y	2018/11/08	W84	48	6	04:55	11:45	6.83	1.08
13SH112	162	00:59:52.533	+04:28:55.62	4.82*	5.88	23.44	2.71	4.1y	2017/10/22	W84	12	6	04:43	11:45	7.02	1.11
612045	162	00:59:59.375	+03:21:21.54	0.25	0.28	23.13	2.72	24.1y	2020/10/20	G37	59	6	04:47	11:45	6.96	1.10
00QL252=	162	01:00:02.428	-06:38:28.08	0.15	0.17	23.46	2.99	20.2y	2020/10/20	G37	9	6	05:24	11:32	6.13	1.00
13MB12	162	01:00:04.583	-02:28:08.45	0.17	0.21	23.26	5.52	7.3y	2020/10/22	W84	54	6	05:07	11:45	6.62	0.54
14VN43	162	01:00:35.834	+04:02:49.27	4.32	5.34	23.31	3.08	4.9y	2018/11/08	W84	12	6	04:45	11:45	6.99	0.97
13RH156	161	01:01:05.378	+04:50:34.77	0.45	0.55	23.48	3.14	5.0y	2018/09/10	W84	12	6	04:43	11:45	7.02	0.96
119956=	162	01:01:33.875	+02:05:09.18	0.06	0.07	22.66	2.71	20.0y	2020/09/13	F51	136	6	04:53	11:45	6.87	1.11
13SW112	160	01:01:38.848	+07:19:08.27	0.52	0.63	23.28	2.78	5.1y	2018/11/07	W84	16	5	04:37	11:45	7.14	1.08
13RB158	157	01:02:06.944	+13:18:21.83	5.47*	6.77	23.39	3.16	4.1y	2017/10/22	W84	13	6	04:20	11:45	7.40	0.95
16QB135	161	01:02:17.479	+05:30:40.93	5.11*	6.72	23.47	3.41	3.2y	2019/11/01	T09	14	6	04:43	11:45	7.03	0.88
03QX91=	150	01:02:21.606	+23:22:24.89	0.10	0.11	23.78	3.20	18.1y	2021/10/03	G37	16	6	03:56	11:45	7.81	0.94
13SJ106	161	01:02:23.610	+03:46:48.56	0.17	0.21	22.61	2.78	7.1y	2020/11/14	G37	32	6	04:48	11:45	6.94	1.08
612242=	161	01:02:56.599	+02:51:33.44	0.12	0.14	22.48	2.86	20.0y	2020/09/21	G37	104	6	04:52	11:45	6.88	1.05
13RQ158	162	01:03:39.247	+00:11:20.72	0.15	0.18	22.96	2.87	13.3y	2017/10/17	W84	20	6	05:01	11:45	6.72	1.05
13TL172	161	01:03:46.371	+04:50:55.68	2.08	2.56	23.07	2.66	5.0y	2018/10/10	W84	27	6	04:46	11:45	6.98	1.13
13TX228	161	01:04:17.229	+03:09:03.47	2.95	3.64	23.23	2.76	4.9y	2018/09/09	W84	10	6	04:52	11:45	6.88	1.09
13RO109	160	01:04:38.743	+05:54:13.45	0.36	0.43	22.71	2.83	5.2y	2018/11/26	W84	32	6	04:44	11:45	7.02	1.06
15VS207	159	01:04:44.571	+07:56:34.98	9.90*	12.42	23.24	3.12	3.1y	2017/11/17	W84	25	6	04:38	11:45	7.11	0.96
87555=	157	01:05:00.066	+12:37:02.92	0.12	0.13	23.71	3.46	19.0y	2019/08/31	F51	85	6	04:25	11:45	7.33	0.87
13RY157	160	01:05:04.375	+05:20:52.42	0.54	0.66	22.78	2.87	5.2y	2018/11/09	W84	26	6	04:46	11:45	6.98	1.05
15RN280	160	01:05:07.106	+06:13:07.25	7.78*	9.61	23.92	2.67	2.3y	2017/09/22	568	37	6	04:43	11:45	7.02	1.12
594994=	159	01:05:14.558	+08:05:02.64	0.09	0.10	23.68	2.63	21.1y	2021/10/03	G37	38	6	04:38	11:45	7.11	1.14
15RX245	159	01:05:30.319	+09:14:23.89	0.16	0.21	23.29	2.07	6.4y	2021/11/05	G37	38	6	04:35	11:45	7.16	1.45
13WA139	160	01:05:32.573	+04:55:23.28	0.30	0.36	22.80	2.76	5.0y	2018/11/26	W84	25	6	04:48	11:45	6.95	1.09
13SE106	159	01:05:47.976	+07:04:05.15	0.13	0.16	23.11	2.82	7.1y	2020/10/20	G37	30	6	04:41	11:45	7.05	1.06
15RG279	158	01:05:50.189	+09:25:58.33	5.83*	7.10	23.79	2.23	2.5y	2017/12/23	568	37	6	04:35	11:45	7.17	1.35
14QX510	160	01:07:40.249	+01:31:06.02	0.15	0.18	22.65	2.99	6.9y	2020/08/12	G37	31	6	05:01	11:45	6.73	1.00
13RF124	160	01:07:52.047	+05:07:41.36	0.09	0.12	22.65	2.70	8.0y	2021/09/12	G37	35	6	04:49	11:45	6.92	1.11
13VW71	159	01:07:52.970	+05:57:00.19	2.04	2.52	23.03	2.76	4.9y	2018/09/09	W84	26	6	04:47	11:45	6.96	1.09
13RW157	160	01:08:15.458	+03:30:56.51	1.04	1.25	23.54	2.97	5.0y	2018/09/17	W84	13	6	04:55	11:45	6.83	1.01
16RX81	160	01:08:33.308	+02:13:58.91	0.78	0.95	23.28	2.82	5.0y	2018/10/18	W84	11	6	04:59	11:45	6.76	1.06
15RP280	158	01:08:38.356	+09:25:03.44	0.16	0.20	23.56	2.61	5.2y	2020/09/21	G37	37	6	04:37	11:45	7.12	1.15
612579=	159	01:08:51.247	+07:08:40.66	0.07	0.09	23.20	2.83	18.1y	2021/09/12	G37	43	6	04:44	11:45	7.01	1.06
13TV228	159	01:08:52.340	+04:43:30.34	1.88	2.32	23.16	2.82	5.1y	2018/11/26	W84	9	4	04:52	11:45	6.89	1.06
15RX280	159	01:09:08.501	+05:51:31.19	12.24*	15.00	23.80	2.52	2.4y	2017/11/22	568	30	6	04:48	11:45	6.94	1.19
13SK102	160	01:09:26.386	+01:04:01.54	0.34	0.41	22.73	2.47	5.2y	2018/11/27	W84	33	6	05:04	11:45	6.68	1.21
10RF188	160	01:09:52.597	+02:31:11.89	0.04	0.05	22.11	2.34	20.9y	2022/10/02	F51	157	6	05:00	11:45	6.75	1.28

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13TU228	159	01:10:13.741	+05:18:13.13	2.78	3.41	23.37	2.51	4.9y	2018/09/09	W84	11	6	04:51	11:45	6.89	1.20
13SV112	160	01:10:41.392	-02:08:37.34	2.92	3.61	23.19	3.26	5.0y	2018/09/14	W84	19	5	05:17	11:45	6.47	0.92
13WG114	158	01:10:55.286	+06:14:36.41	0.31	0.38	22.38	2.84	5.2y	2018/11/09	W84	35	6	04:49	11:45	6.93	1.06
14QM562	158	01:11:04.604	+06:49:01.54	0.47	0.58	23.38	3.10	5.3y	2019/12/02	T09	15	6	04:47	11:45	6.95	0.97
15RT245	158	01:11:04.621	+08:19:52.21	0.10	0.12	22.54	2.78	7.0y	2020/09/21	G37	81	6	04:43	11:45	7.03	1.08
15RN279	156	01:11:13.821	+11:50:12.61	0.10	0.13	23.60	2.90	6.3y	2021/10/03	G37	57	6	04:33	11:45	7.19	1.03
15RA279	159	01:11:24.169	+02:48:22.48	8.83*	11.24	23.70	2.86	2.3y	2017/09/22	568	35	6	05:00	11:45	6.74	1.05
612236=	158	01:11:24.446	+06:32:26.50	0.09	0.10	22.56	2.79	20.1y	2020/09/13	F51	113	6	04:49	11:45	6.93	1.08
593616	158	01:11:33.898	+06:37:35.83	0.14	0.16	23.04	2.82	14.1y	2017/10/22	W84	62	6	04:48	11:45	6.94	1.06
13SG112	158	01:12:03.744	+05:44:06.68	3.43	4.21	23.71	3.02	4.9y	2018/09/09	W84	8	6	04:52	11:45	6.88	0.99
13TF172	159	01:12:03.989	+04:37:04.96	0.21	0.26	23.01	2.77	5.1y	2018/10/18	W84	31	6	04:55	11:45	6.83	1.08
13TO228	158	01:12:08.730	+07:34:46.80	0.35	0.43	23.45	2.60	6.1y	2019/11/01	T09	18	6	04:46	11:45	6.97	1.15
15RC278	158	01:12:30.573	+07:52:51.17	0.11	0.15	23.60	2.79	6.3y	2021/10/03	G37	37	6	04:46	11:45	6.98	1.08
13RO124	159	01:12:31.790	+00:16:51.51	0.19	0.23	22.87	3.17	6.9y	2020/08/12	G37	30	6	05:10	11:45	6.58	0.95
13TC228	159	01:12:37.534	-02:51:51.95	4.25	5.27	23.18	2.90	4.9y	2018/09/09	W84	11	6	05:21	11:45	6.39	1.03
686150	155	01:12:39.219	+12:28:47.83	0.07	0.08	22.39	2.55	15.0y	2024/09/01	F52	120	6	04:33	11:45	7.19	1.18
385458	156	01:12:42.201	+10:46:46.32	0.13	0.15	23.06	2.80	18.0y	2021/10/03	G37	79	6	04:38	11:45	7.12	1.07
13TJ187	159	01:12:45.004	+03:32:08.81	0.19	0.23	23.21	2.74	6.1y	2019/09/27	T09	28	6	04:59	11:45	6.76	1.09
13SX112	157	01:13:04.555	+07:43:23.17	0.57	0.69	23.76	2.77	5.1y	2018/11/08	W84	13	6	04:47	11:45	6.97	1.08
13TW228	159	01:13:05.736	+04:11:26.50	0.19	0.23	23.35	2.87	6.0y	2019/09/27	T09	18	6	04:57	11:45	6.79	1.05
13TD188	158	01:13:15.728	+06:20:38.16	0.23	0.29	23.27	2.55	6.8y	2020/08/12	G37	26	6	04:51	11:45	6.89	1.18
15RF278	156	01:14:07.584	+09:55:30.23	8.66*	10.77	23.99	2.80	2.3y	2017/09/22	568	35	6	04:42	11:45	7.05	1.07
13RF109	159	01:14:12.091	-00:35:34.12	0.04	0.05	22.17	2.99	11.0y	2024/09/10	F51	58	6	05:15	11:45	6.50	1.00
15RC281	155	01:14:23.494	+11:32:32.41	0.13	0.17	23.62	2.53	6.3y	2021/10/03	G37	35	6	04:37	11:45	7.12	1.19
134568	151	01:14:44.356	+18:42:50.14	0.39	0.47	23.63	2.88	21.1y	2020/10/20	G37	26	6	04:19	11:45	7.42	1.04
15RY280	153	01:14:45.240	+15:50:05.36	0.27	0.34	23.37	2.81	5.1y	2020/08/12	G37	35	6	04:26	11:45	7.30	1.07
13TT228	158	01:14:53.852	+06:20:11.86	4.40	5.45	23.63	2.85	5.0y	2018/10/10	W84	10	6	04:53	11:45	6.87	1.05
06SG415	159	01:15:13.087	+01:06:02.66	0.14	0.17	22.70	3.54	16.8y	2022/06/29	269	67	6	05:10	11:45	6.58	0.85
14WC556	149	01:15:33.609	-23:49:34.15	9.66*	11.91	23.25	3.04	3.0y	2017/11/24	W84	19	5	07:49	09:38	1.82	0.99
15RZ279	156	01:15:45.235	+09:48:28.48	6.75*	8.35	23.91	2.55	2.4y	2017/12/23	568	37	6	04:43	11:45	7.02	1.18
13SG106	158	01:16:12.298	+03:22:11.78	0.14	0.17	22.81	3.02	6.9y	2020/08/12	G37	24	6	05:03	11:45	6.69	0.99
13WB139	158	01:16:34.308	+04:52:19.64	0.26	0.32	23.53	2.80	5.8y	2019/09/27	T09	19	6	04:59	11:45	6.76	1.07
14WD602	150	01:16:39.020	-21:56:30.21	6.59*	8.10	23.13	3.34	3.0y	2017/11/24	W84	21	6	07:22	10:07	2.75	0.90
13SB113	157	01:16:44.586	+07:06:08.62	0.59	0.72	23.19	2.78	5.1y	2018/11/09	W84	10	6	04:52	11:45	6.87	1.08
612244=	156	01:16:53.269	+08:16:00.56	0.11	0.12	22.87	2.75	17.3y	2018/11/26	W84	60	6	04:49	11:45	6.93	1.09
13TO229	157	01:17:04.734	+07:01:11.79	0.15	0.17	23.25	2.61	16.0y	2019/11/01	T09	19	6	04:53	11:45	6.86	1.15
13SR100	156	01:17:29.416	+09:57:20.62	2.39	2.90	23.91	2.34	4.1y	2017/08/30	568	40	6	04:45	11:45	7.00	1.28
13RX155	158	01:17:44.707	-03:49:04.84	0.38	0.46	23.06	3.01	5.2y	2018/11/08	W84	18	6	05:30	11:45	6.24	1.00
16QC135	158	01:18:22.066	+01:03:42.46	0.18	0.25	23.51	2.49	6.2y	2022/10/29	G37	13	5	05:13	11:45	6.53	1.20
612793=	156	01:18:25.330	+08:08:50.73	0.11	0.12	22.47	3.01	20.1y	2023/10/19	F51	138	6	04:51	11:45	6.90	1.00
13WC139	157	01:19:08.232	+04:58:29.25	0.17	0.21	23.39	2.85	5.8y	2019/09/27	T09	18	6	05:01	11:45	6.73	1.05
13RS156	157	01:19:10.100	+02:39:09.24	0.46	0.55	23.27	2.79	5.2y	2018/11/26	W84	18	6	05:08	11:45	6.60	1.08
15RD280	156	01:19:12.854	+08:34:44.96	0.11	0.15	23.84	2.51	7.4y	2022/10/29	G37	31	6	04:50	11:45	6.90	1.20
13SA112	154	01:19:28.912	+11:23:10.56	0.33	0.40	23.04	2.87	5.2y	2018/11/26	W84	11	6	04:43	11:45	7.03	1.05
16QZ133	158	01:19:31.833	-03:10:07.40	0.51	0.61	22.81	2.52	5.1y	2018/11/15	W84	13	6	05:29	11:45	6.26	1.19
612573=	156	01:19:40.500	+06:03:23.43	0.27	0.31	23.18	2.74	16.2y	2019/11/01	T09	37	6	04:58	11:45	6.77	1.09
02PR149	156	01:19:55.630	+06:31:16.97	0.10	0.12	23.12	2.79	17.2y	2019/11/01	T09	23	6	04:57	11:45	6.79	1.08
15RP279	155	01:20:04.191	+08:47:22.83	8.22*	10.16	23.97	2.75	2.2y	2017/09/22	568	35	6	04:51	11:45	6.90	1.09
13TS229	156	01:20:06.528	+07:13:33.34	0.38	0.47	23.21	2.68	5.0y	2018/10/18	W84	11	6	04:55	11:45	6.82	1.12
13TQ228	155	01:20:11.871	+08:59:52.40	0.62	0.74	23.37	2.83	5.1y	2018/11/26	W84	10	6	04:50	11:45	6.91	1.06
13TZ228	156	01:20:26.149	+05:19:16.47	0.15	0.19	23.59	2.61	9.0y	2022/10/29	G37	11	6	05:01	11:45	6.72	1.15
13SD113	156	01:20:39.555	+06:30:30.93	0.25	0.31	23.18	2.94	6.0y	2019/09/27	T09	26	6	04:58	11:45	6.78	1.02
13SJ112	157	01:20:40.026	+04:23:37.64	0.13	0.17	23.19	2.70	9.1y	2022/10/29	G37	20	6	05:04	11:45	6.67	1.11
15RK278	153	01:20:46.287	+14:18:14.94	8.59*	10.59	23.85	2.78	2.3y	2017/09/22	568	28	6	04:36	11:45	7.14	1.08
03QP91=	156	01:20:48.518	+07:48:13.06	0.11	0.13	23.10	2.94	16.2y	2019/11/01	T09	32	6	04:54	11:45	6.84	1.02
501105	153	01:21:00.785	+12:58:18.75	1.62	1.95	22.69	3.05	3.8y	2017/07/25	G36	53	6	04:40	11:45	7.08	0.98
20SE35	154	01:21:19.259	+12:23:34.86	0.11	0.13	23.55	3.21	11.0y	2021/09/12	G37	28	6	04:42	11:45	7.05	0.93
612237=	156	01:21:25.868	+07:00:13.11	0.14	0.16	23.15	2.56	18.2y	2019/11/01	T09	62	6	04:57	11:45	6.79	1.17
13SS102	155	01:21:36.302	+08:31:39.72	0.09	0.11	22.33	3.03	7.9y	2021/08/08	F51	43	6	04:53	11:45	6.86	0.99
16TM176	156	01:21:45.170	+04:12:07.63	0.09	0.11	22.90	3.03	6.1y	2022/10/31	W84	24	6	05:06	11:45	6.64	0.99
15RR280	157	01:21:51.394	+02:44:02.54	0.12	0.15	23.73	3.05	6.3y	2021/10/03	G37	41	6	05:11	11:45	6.56	0.98
13SK112	156	01:21:59.532	+06:31:28.80	0.35	0.42	23.73	2.53	6.1y	2019/11/01	T09	17	6	04:59	11:45	6.76	1.19
13TZ227	157	01:22:09.254	-00:43:33.05	0.56	0.68	23.21	2.68	5.1y	2018/11/27	W84	13	6	05:23	11:45	6.36	1.12
13TE228	157	01:22:21.419	-02:02:03.04	0.89	1.08	22.93	2.69	5.1y	2018/11/26	W84	12	6	05:28	11:45	6.28	1.12
13SB112	152	01:22:23.567	+15:33:09.53	0.11	0.14	23.41	3.27	9.1y	2022/10/29	G37	17	6	04:35	11:45	7.16	0.92
13UK15	156	01:23:50.165	-03:45:03.69	0.43	0.53	22.84	2.31	6.9y	2020/09/21	G37	24	6	05:36	11:45	6.15	1.30
612798=	154	01:24:01.950	-13:17:39.47	0.15	0.18	22.56	3.61	17.1y	2021/10/03	G37	60	6	06:21	11:23	5.04	0.83
14XR54	152	01:24:09.585	-16:26:21.93	6.95*	8.83	23.00	3.30	3.8y	2018/09/21	W84	9	6	06:40	11:03	4.38	0.91
14VL43	155	01:24:27.250	+07:16:55.37	0.28	0.34	23.19	2.75	6.1y	2019/11/01	T09	20	6	04:59	11:45	6.75	1.09
13SM112	155	01:24:40.021	+06:00:00.81	4.02	4.93	23.24	2.51	5.0y	2018/09/14	W84	12	6	05:03	11:45	6.69	1.20
16RX82	156	01:24:44.604	+02:59:49.48	0.14	0.19	22.94	3.01	6.1y	2022/10/31	W84	17	6	05:13	11:45	6.53	1.00
13SH102	156	01:24:45.858	+01:34:05.47	0.18	0.22	22.97	3.08	6.0y	2019/09/27	T09	29	6	05:18	11:45	6.45	0.97
03QM91=	154	01:24:46.205	+09:44:56.42	0.03	0.03	22.11	2.76	21.0y	2024/09/10	F51	44	6	04:53	11:45	6.87	1.09
13RA158	156	01:24:48.430	+01:26:54.51	0.25	0.30	23.66	2.82	6.0y	2019/09/27	T09	18	6	05:18	11:45	6.44	1.06
385191	156	01:24:53.445	+00:40:15.21	0.12	0.14	22.98	2.82	25.1y	2022/10/31	W84	65	6	05:21	11:45	6.40	1.06
15RY277	153	01:25:12.630	+12:23:06.49	0.09	0.12	23.73	2.73	7.4y	2022/10/29	G37	39	6	04:46	11:45	6.98	1.10
14VP43	148	01:25:26.940	-23:01:12.07	4.38	5.52	22.94	2.93	4.0y	2018/11/30	W84	21	6	07:45	10:01	2.27	1.02
13VL46	156	01:26:01.202	+01:54:09.35	0.25	0.31	22.94	2.50	5.1y	2018/11/27	W84	24	6	05:18	11:45	6.45	1.20
13RD157	156	01:26:04.587	-00:59:30.59	0.40	0.48	22.79	3.27	5.2y	2018/11/27	W84	23	6	05:28	11:45	6.28	0.92
14UM277	155	01:26:05.384	+05:16:32.38	4.35	5.54	22.89	2.98	4.0y	2018/10/18	W84	18	6	05:07	11:45	6.63	1.01
13RM124	155	01:26:33.277	+05:18:04.93	0.13	0.16	22.92	3.07	7.1y	2020/10/20	G37	23	6	05:07	11:45	6.62	0.98
13RP109	155	01:26:55.873	+06:32:51.97	0.29	0.35	22.35	2.84	5.1y	2018/10/18	W84	40	6	05:04	11:45	6.68	1.06
15RW278	153	01:27:15.945	+09:53:12.10	26.04*	32.33	23.97	3.08	1.6y	2017/01/29	568	29	4	04:55	11:45	6.83	0.97
16RD82	152	01:27:19.207	-16:22:53.70	5.38*	6.78	23.31	3.13	4.3y	2018/11/29	W84	10	6	06:43	11:07	4.39	0.96
13UB17	150	01:27:35.406	+16:28:54.37	2.76	3.34	23.67	2.30	4.1y	2017/08/30	568	32	6	04:38	11:45	7.12	1.30
13UK17	153	01:27:43.713	+10:21:02.12	0.45	0.55	23.38	2.28	5.1y	2018/09/12	568	41	6	04:54	11:45	6.85	1.32
773892	155	01:27:45.519	-06:59:44.32	0.05	0.07	22.29	8.59	18.6y	2023/10/09	F51	50	6	05:53	11:45	5.86	0.35
14OD394	155	01:28:08.124	-02:17:42.28	0.08	0.09	22.10	2.50	12.1y	2023/12/05	F52	124	6	05:35	11:45	6.17	1.20
13SY99	154	01:28:16.249	+08:44:30.70	5.56*	6.82	23.79	1.98	4.3y	2017/12/25	568	34	6	04:59	11:45	6.76	1.52
14NV65	155	01:28:16.426	-03:02:57.97	8.61*	11.34	22.79	4.21	3.2y	2017/09/21	F51	52	6	05:38	11:45	6.12	0.71
15RB280	153	01:28:39.323	+09:13:14.47	0.14	0.18	23.44	2.67	6.8y	2020/09/21	G37	38	6	04:58	11:45	6.78	1.12
593617	153	01:28:53.579	+08:34:37.75	0.11	0.13	23.72	3.16	12.4y	2017/12/23	568	59	6	05:00	11:45	6.74	0.95
13SK106	153	01:30:04.438	+08:52:27.74	0.12	0.13	22.81	2.60	16.2y	2016/11/26	W84	23	6	05:00	11:45	6.74	1.15
13SE113	151	01:30:52.540	+14:20:16.77	0.25	0.31	23.40	3.31	6.1y	2019/11/01	T09	28	6	04:46	11:45	6.97	0.91
505447	153	01:31:07.320	+07:42:30.64	0.06	0.07	22.97	2.42	12.0y	2020/09/21	G37	90	6	05:05	11:45	6.66	1.24
06QB181	153	01:31:26.567	+07:58:39.03	0.25	0.29	23.33	2.51	11.2y	2017/10/22	W84	23	6	05:04	11:45	6.67	1.20
495297	154	01:31:43.658	+06:20:49.44	0.08	0.09	22.35	2.86	20.1y	2020/10/15	F51	64	6	05:09	11:45	6.59	1.05
14WY601	152	01:32:00.636	-13:16:44.97	3.49	4.30	23.26	3.07	4.0y	2018/11/29	W84	16	6	06:28	11:31	5.04	0.98
19SO204	154	01:32:29.909	-04:42:15.04	3.13	4.72	23.82	2.30	3.2y	2022/11/20	304	9	5	05:48	11:45	5.94	1.30
15RC277	153	01:32:49.026	+05:43:11.40	0.30	0.38	23.85	2.77	5.4y	2020/11/14	G37	38	6	05:12	11:45	6.54	1.08
14SW403	153	01:32:49.227	-09:23:15.64	4.89*	6.14	23.18	3.45	4.2y	2018/11/29	W84	12	6	06:09	11:45	5.59	0.87
00QL226	153	01:33:12.415	+08:06:20.94	0.13	0.16	23.47	3.07	19.2y	2019/11/01	T09	23	6	05:06	11:45	6.65	0.98
13SC112	152	01:33:16.282	+09:55:09.57	0.39	0.47	22.79	2.74	5.2y	2018/11/26	W84	21	6	05:01	11:45	6.73	1.09
01QQ297=	153	01:33:16.849	+05:39:07.70	0.61	0.68	22.93	2.59	12.1y	2013/10/05	695	18	6	05:13	11:45	6.53	1.16
13TW187	152	01:33:18.411	+09:33:08.14	0.16	0.20	23.10	2.69	7.0y	2020/09/21	G37	17	6	05:02	11:45	6.72	1.12
13TC187	152	01:33:33.664	+08:55:26.64	0.20	0.24	22.81	2.72	5.0y	2018/10/18	W84	18	6	05:04	11:45	6.68	1.10
13TN228	154	01:33:34.986	+00:07:56.13	0.06	0.08	22.65	3.25	9.0y	2022/10/31	W84	25	6	05:31	11:45	6.22	0.92
13RT128	153	01:33:35.862	+04:58:10.38	3.76	4.60	23.31	2.72	4.0y	2017/09/18	W84	35	6	05:15	11:45	6.49	1.10
14VK43	154	01:33:43.443	-00:47:51.39	0.84	1.02	23.17	2.68	5.0y	2018/10/18	W84	14	6	05:35	11:45	6.17	1.12
13TM172	151	01:33:51.059	+12:23:44.68	0.19	0.23	23.06	2.85	7.0y	2020/10/20	G37	31	6	04:54	11:45	6.84	1.05
13TQ229	152	01:34:24.121	+09:11:13.92	0.12	0.14	23.51	2.86	18.3y	2018/11/26	W84	15	6	05:04	11:45	6.68	1.05
308933	153	01:34:28.477	+07:21:42.51	0.06	0.07	22.87	3.23	16.1y	2021/10/26	F52	225	6	05:09	11:45	6.59	0.93
13SH113	152	01:34:38.840	+08:34:27.90	0.65	0.78	23.14	2.66	5.2y	2018/11/26	W84	21	6	05:06	11:45	6.65	1.13
13SK100	149	01:34:52.360	+15:07:20.84	2.91	3.57	23.80	2.45	4.1y	2017/08/30	568	38	6	04:48	11:45	6.94	1.22
148112	152	01:35:03.730	+09:43:02.13	0.42	0.47	23.22	2.53	15.1y	2014/10/27	W84	36	6	05:03	11:45	6.69	1.19
13RB109	154	01:35:17.296	-01:21:48.06	0.46	0.56	22.66	3.25	5.2y	2018/11/27	W84	32	6	05:38	11:45	6.11	0.92
14UD241	153	01:35:19.717	+05:51:37.74	0.15	0.19	22.91	2.70	7.0y	2020/09/21	G37	38	6	05:14	11:45	6.50	1.11
13VX71	152	01:35:25.320	+09:38:29.66	0.61	0.74	23.02	2.71	5.0y	2018/11/26	W84	17	6	05:04	11:45	6.69	1.11
14TT115	153	01:35:27.288	+01:27:09.13	3.00	3.64	23.06	2.19	3.9y	2017/09/24	W84	21	6	05:29	11:45	6.27	1.37
13RN109	150	01:35:33.969	+13:42:06.26	0.26	0.32	22.79	3.12	6.2y	2019/11/28	T09	35	6	04:53	11:45	6.87	0.96
16QG135	153	01:35:52.456	+03:13:57.90	0.56	0.69	22.72	2.45	5.2y	2018/11/27	W84	25	6	05:23	11:45	6.36	1.22
14XT54	146	01:36:07.476	-24:00:33.47	4.13	5.08	23.40	2.76	4.0y	2018/11/30	W84	19	6	08:13	09:55	1.70	1.09
13SF101	151	01:36:18.558	+09:42:56.06	3.53	4.33	23.96	2.53	4.1y	2017/08/30	568	32	6	05:04	11:45	6.67	1.19
13TF188	153	01:36:28.239	+03:47:33.28	0.22	0.28	22.95	2.87	7.0y	2020/10/20	G37	21	6	05:22	11:45	6.38	1.05
16RM82	148	01:36:42.065	-19:59:30.77	6.99*	8.78	22.84	2.97	3.0y	2018/11/29	W84	16	6	07:21	10:47	3.43	1.01
13RE109	153	01:36:59.127	+04:09:43.18	0.36	0.43	22.33	2.58	5.1y	2018/10/18	W84	47	6	05:21	11:45	6.39	1.16
16RV81	153	01:37:29.816	+03:47:55.67	0.43	0.53	23.22	2.75	6.1y	2019/11/01	T09	19	6	05:23	11:45	6.36	1.09
612574=	153	01:37:32.594	+03:37:22.49	0.14	0.16	23.07	2.52	15.1y	2018/09/14	W84	67	6	05:24	11:45	6.35	1.19
13RU156	152	01:37:45.876	+07:18:04.79	0.28	0.35	23.11	3.02	6.0y	2019/09/27	T09	20	6	05:13	11:45	6.53	0.99
13TD187	152	01:37:54.301	+05:44:21.14	0.53	0.64	23.30	2.62	5.2y	2018/11/27	W84	25	6	05:17	11:45	6.45	1.15
14VM43	153	01:38:01.201	-02:40:51.37	1.04	1.29	22.61	2.92	5.1y	2018/11/27	W84	17	6	05:46	11:45	5.98	1.03
15RY279	152	01:38:26.292	+06:04:28.43	11.92*	14.66	23.92	2.83	2.4y	2017/12/23	568	33	6	05:17	11:45	6.46	1.06

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14UE241	152	01:38:29.644	+05:21:27.49	0.26	0.32	22.54	2.58	6.1y	2019/10/27	T09	39	6	05:19	11:45	6.43	1.16
17QQ131	151	01:38:49.783	+08:08:25.23	5.70*	7.08	23.47	2.69	5.0y	2018/09/14	W84	9	6	05:11	11:45	6.56	1.12
13TT227	150	01:38:56.755	+12:01:55.91	10.35*	12.67	23.35	2.85	3.1y	2016/11/26	W84	11	6	05:01	11:45	6.74	1.05
14WB602	145	01:39:02.774	-23:18:13.85	4.33	5.38	23.35	3.15	4.0y	2018/11/29	W84	18	6	08:03	10:10	2.12	0.95
612582=	151	01:39:12.123	+07:15:16.02	0.14	0.16	23.11	2.61	15.1y	2018/10/18	W84	37	6	05:14	11:45	6.51	1.15
14WZ601	148	01:39:33.092	-17:44:36.23	2.70	3.34	23.23	2.92	4.0y	2018/11/29	W84	21	6	07:05	11:09	4.06	1.03
14QP562	150	01:39:33.870	-14:55:45.02	4.37	5.39	23.47	2.94	4.2y	2018/11/15	W84	16	6	06:46	11:29	4.71	1.02
15RD279	146	01:39:36.804	+19:25:12.06	12.36*	15.85	23.98	3.19	2.3y	2017/09/22	568	28	6	04:42	11:45	7.04	0.94
14UA277	152	01:39:43.785	+03:28:31.93	0.28	0.34	23.34	2.84	5.8y	2019/09/27	T09	24	6	05:26	11:45	6.31	1.06
15RG281	148	01:39:48.709	+16:17:52.66	9.74*	12.26	23.65	2.87	2.4y	2017/11/22	568	27	6	04:50	11:45	6.91	1.05
02PG150=	152	01:39:53.129	+05:33:04.02	0.28	0.33	23.39	2.86	16.2y	2018/10/10	W84	20	6	05:20	11:45	6.41	1.05
602716	151	01:39:54.711	+07:51:01.94	0.09	0.10	22.39	2.45	11.3y	2021/10/02	F52	110	6	05:13	11:45	6.53	1.22
13TE187	151	01:39:56.841	+07:57:09.97	3.87	4.73	22.71	2.48	3.9y	2017/09/24	W84	20	6	05:13	11:45	6.53	1.21
15RF279	148	01:39:57.304	+15:42:39.91	9.36*	11.86	23.38	2.98	2.4y	2017/11/22	568	32	6	04:52	11:45	6.88	1.01
184212=	146	01:39:58.229	+19:40:49.03	0.14	0.16	22.84	2.70	17.1y	2017/09/23	G37	76	6	04:42	11:45	7.04	1.11
13SC101	151	01:40:11.770	+08:01:29.34	10.53*	12.61	23.78	2.53	2.4y	2015/12/31	568	47	6	05:13	11:45	6.53	1.19
14TD115	152	01:40:38.341	+03:05:50.34	0.47	0.58	23.44	2.73	5.1y	2018/11/27	W84	19	6	05:28	11:45	6.27	1.10
06QF181	151	01:40:51.503	+07:44:55.32	0.10	0.11	22.86	2.54	12.1y	2018/09/14	W84	66	6	05:14	11:45	6.50	1.18
14TY114	152	01:41:08.953	+04:21:41.00	0.84	1.03	23.50	2.55	5.1y	2018/10/10	W84	13	6	05:25	11:45	6.33	1.18
13SD101	150	01:41:31.297	+09:59:12.22	2.95	3.62	23.28	2.58	4.1y	2017/08/30	568	38	6	05:09	11:45	6.60	1.16
505478	151	01:41:52.761	+07:44:00.27	0.17	0.19	23.43	1.98	12.9y	2017/08/30	568	48	6	05:15	11:45	6.49	1.52
13TD229	151	01:41:56.320	+06:37:18.78	2.97	3.62	23.12	2.54	4.9y	2018/09/11	W84	15	6	05:19	11:45	6.43	1.18
13RZ155	152	01:42:16.437	+00:32:09.01	0.16	0.20	23.07	2.68	10.2y	2023/11/19	W84	16	6	05:39	11:45	6.10	1.12
14UZ276	148	01:42:23.614	+14:01:25.46	29.17*	35.26	23.14	2.75	2.0y	2015/11/07	W84	10	5	04:59	11:45	6.77	1.09
14SY403	146	01:42:36.045	-20:17:53.21	3.60	4.39	23.48	2.76	4.0y	2018/10/01	W84	11	6	07:30	10:50	3.34	1.09
13TM229	151	01:43:25.025	+06:17:46.93	0.32	0.39	23.00	2.46	6.1y	2019/11/28	T09	36	6	05:21	11:45	6.39	1.22
11SW281	151	01:43:56.525	+05:42:15.45	0.17	0.21	22.38	2.58	9.1y	2018/10/18	W84	137	6	05:24	11:45	6.35	1.16
13SJ100	150	01:44:14.625	+07:35:01.76	0.23	0.29	23.81	2.47	7.2y	2020/10/20	G37	43	6	05:18	11:45	6.44	1.21
13WH123	151	01:44:16.871	+00:59:22.21	0.36	0.43	23.12	2.58	5.1y	2018/10/10	W84	26	6	05:39	11:45	6.09	1.16
612240=	149	01:44:38.001	+12:11:54.50	0.17	0.19	23.02	2.83	16.5y	2017/11/19	F51	109	6	05:06	11:45	6.65	1.06
14SM363	149	01:45:08.861	-13:43:28.80	2.79	3.43	22.82	2.76	4.2y	2018/11/15	W84	31	6	06:44	11:41	4.95	1.09
13TA229	151	01:45:15.611	-01:23:51.04	0.57	0.70	23.49	3.05	5.1y	2018/11/06	W84	12	6	05:48	11:45	5.94	0.98
13RU157	151	01:45:21.232	-07:20:50.12	3.79	4.67	22.67	2.78	4.0y	2017/09/24	W84	21	6	06:12	11:45	5.54	1.08
13TF187	149	01:45:53.789	+08:50:10.12	0.43	0.53	23.15	2.78	6.2y	2019/11/28	T09	25	6	05:16	11:45	6.47	1.08
14XY40	147	01:46:16.386	-18:07:55.98	0.03	0.04	21.82	2.39	9.7y	2024/09/13	F52	59	6	07:15	11:13	3.96	1.26
14WC602	146	01:46:20.872	-20:18:40.86	4.18	5.26	22.94	3.46	4.0y	2018/11/30	W84	20	6	07:34	10:54	3.33	0.87
13SX100	149	01:46:23.189	+10:02:50.29	2.86	3.50	23.75	2.56	4.1y	2017/08/30	568	33	6	05:13	11:45	6.52	1.17
13SV100	149	01:46:25.000	+08:54:09.21	0.33	0.41	23.79	2.50	5.1y	2018/09/12	568	40	6	05:17	11:45	6.47	1.20
15RO281	148	01:46:26.902	+13:28:14.65	10.60*	13.29	22.80	2.82	2.2y	2017/09/22	568	32	6	05:04	11:45	6.67	1.06
612176=	148	01:46:30.852	+12:02:14.87	0.31	0.35	22.53	2.54	19.2y	2019/10/26	G37	55	6	05:08	11:45	6.61	1.18
612101	137	01:46:41.163	+32:20:41.58	0.19	0.22	22.78	2.62	17.9y	2017/07/22	W84	46	6	04:20	11:45	7.41	1.15
612581=	150	01:47:03.778	+03:17:26.35	0.11	0.13	22.89	2.68	16.2y	2019/10/27	T09	116	6	05:34	11:45	6.17	1.12
13RZ156	150	01:47:08.775	+05:33:16.00	0.46	0.57	23.54	2.72	5.1y	2018/10/10	W84	11	6	05:27	11:45	6.29	1.10
13SN102	150	01:47:20.181	+06:12:11.88	0.35	0.42	22.90	2.68	5.1y	2018/10/18	W84	35	6	05:25	11:45	6.32	1.12
13TS187	150	01:47:29.736	+06:08:15.57	0.27	0.34	23.45	3.24	6.9y	2020/09/21	G37	22	6	05:26	11:45	6.31	0.93
523615	149	01:47:31.298	+09:30:56.56	0.14	0.16	23.44	2.52	13.1y	2018/09/12	568	46	6	05:16	11:45	6.48	1.19
15TY360	149	01:47:40.570	+07:54:04.44	0.28	0.34	23.31	2.24	5.1y	2018/10/18	W84	30	6	05:21	11:45	6.40	1.34
13UZ16	148	01:48:07.952	+12:22:39.46	2.70	3.34	23.66	2.56	4.1y	2017/08/30	568	40	6	05:09	11:45	6.60	1.17
13TV187	150	01:48:08.445	+05:29:24.16	0.15	0.18	22.95	2.65	6.9y	2020/09/21	G37	26	6	05:28	11:45	6.27	1.13
13SE101	148	01:48:10.915	+10:10:30.17	2.89	3.56	23.49	2.61	4.1y	2017/08/30	568	38	6	05:15	11:45	6.50	1.15
505446	148	01:48:13.742	+10:33:34.39	0.42	0.51	23.33	2.52	4.1y	2017/08/30	568	40	6	05:14	11:45	6.51	1.19
13UW16	149	01:48:38.721	+09:32:37.19	3.16	3.82	23.36	2.44	4.0y	2017/07/24	568	57	6	05:17	11:45	6.46	1.23
24RU155	145	01:49:05.005	+18:38:54.23	93.34*	567.59	21.64	9.99	112.8d	2024/12/31	G37	20	2	04:54	11:45	6.85	0.30
15RM278	149	01:49:13.241	+05:26:33.98	9.64*	12.06	23.85	2.92	2.4y	2017/12/23	568	32	6	05:30	11:45	6.25	1.03
14VB41	149	01:49:39.477	+06:32:53.44	0.16	0.19	22.65	2.84	7.1y	2020/11/14	G37	35	6	05:27	11:45	6.30	1.06
13RB157	150	01:49:58.360	+03:54:43.84	6.02*	7.35	23.74	2.86	4.0y	2017/09/18	W84	10	6	05:35	11:45	6.16	1.05
15TG362	149	01:50:00.020	+05:29:02.96	0.45	0.55	23.55	2.45	6.1y	2019/11/28	T09	25	6	05:30	11:45	6.24	1.22
13UY16	148	01:50:01.293	+10:15:40.48	2.48	3.01	23.85	2.38	4.1y	2017/08/30	568	45	6	05:16	11:45	6.47	1.26
19SS149	150	01:50:01.430	-04:09:46.54	0.11	0.14	22.11	2.61	12.0y	2022/09/28	F51	74	6	06:04	11:45	5.69	1.15
587670	148	01:50:19.743	+09:06:57.02	0.09	0.11	23.54	2.57	12.1y	2018/09/12	568	53	6	05:20	11:45	6.41	1.17
03QB112=	146	01:50:29.198	+14:54:57.87	0.45	0.50	23.37	2.54	11.1y	2014/09/27	695	18	6	05:04	11:45	6.67	1.18
15RT278	148	01:50:43.353	+08:49:15.37	9.71*	12.16	23.87	2.91	2.4y	2017/11/22	568	31	6	05:21	11:45	6.39	1.03
14QQ562	149	01:51:23.894	-09:18:12.07	3.71	4.64	23.10	3.22	4.3y	2018/11/29	W84	23	6	06:27	11:45	5.29	0.93
13S182=	147	01:51:31.189	+11:58:46.00	2.51	2.78	21.50	2.80	7.0y	2008/08/29	950	19	6	05:13	11:45	6.52	1.07
14TR115	149	01:51:32.283	+07:19:49.62	20.43*	24.69	22.98	2.28	1.9y	2016/09/01	W84	9	5	05:26	11:45	6.31	1.32
13UQ15	149	01:51:49.959	+02:07:53.11	0.10	0.12	22.62	2.44	11.9y	2018/09/11	W84	63	6	05:43	11:45	6.03	1.23
16QD135	147	01:52:01.992	-15:09:22.23	8.40*	10.67	23.00	2.87	2.2y	2018/11/15	W84	18	6	07:00	11:40	4.66	1.05
612619	147	01:52:06.972	+11:41:09.64	1.28	1.40	22.49	2.50	8.2y	2008/11/30	688	36	6	05:15	11:45	6.50	1.20
13UX17	147	01:52:08.955	+11:29:31.32	11.91*	14.19	23.95	2.40	2.3y	2015/12/07	568	37	6	05:15	11:45	6.49	1.25
13TF229	147	01:52:37.694	+11:35:38.67	90.71*	107.41	22.95	2.42	1.1y	2014/11/18	W84	13	4	05:15	11:45	6.49	1.24
505476	147	01:52:51.731	+09:49:29.13	0.11	0.13	22.88	2.42	7.1y	2020/09/21	G37	71	6	05:20	11:45	6.40	1.24
14WE556	143	01:52:52.262	-22:46:53.68	4.36	5.48	22.97	3.20	4.2y	2018/11/29	W84	24	6	08:09	10:32	2.38	0.94
14TZ115	148	01:53:18.821	+07:19:58.44	3.19	4.00	22.98	2.65	3.9y	2018/09/14	W84	19	6	05:28	11:45	6.28	1.13
13UY17	147	01:53:20.630	+11:39:49.30	12.86*	15.33	23.65	2.32	2.3y	2015/12/07	568	37	6	05:16	11:45	6.48	1.29
534074	144	01:53:22.112	+17:35:06.23	0.05	0.06	22.11	2.37	13.0y	2024/09/07	F52	54	6	05:01	11:45	6.73	1.27
13TH187	148	01:53:40.553	+08:58:21.97	0.19	0.22	23.13	2.50	12.1y	2017/08/28	W84	27	6	05:24	11:45	6.35	1.20
14UA230	145	01:53:53.906	+16:45:19.23	3.29	3.96	23.70	1.88	4.0y	2017/08/25	568	37	6	05:03	11:45	6.69	1.60
13TB229	148	01:53:54.357	+07:45:27.30	4.59*	5.60	23.21	2.43	3.9y	2017/08/28	W84	19	6	05:27	11:45	6.29	1.23
13UX18	147	01:54:00.546	+09:11:13.89	0.27	0.32	23.26	2.34	6.2y	2019/10/26	G37	43	6	05:23	11:45	6.35	1.28
14OQ394	149	01:54:03.752	+00:11:10.52	0.11	0.13	22.46	2.95	8.3y	2018/10/18	W84	151	6	05:52	11:45	5.89	1.02
16QE135	148	01:54:17.891	+05:35:38.85	0.42	0.52	22.96	2.87	5.0y	2018/11/07	W84	20	6	05:34	11:45	6.17	1.05
13TP229	149	01:54:20.215	-04:04:22.67	0.37	0.43	23.05	3.07	17.3y	2018/11/26	W84	14	6	06:08	11:45	5.62	0.98
13SB101	147	01:54:42.851	+09:31:17.12	0.34	0.41	23.73	2.68	5.1y	2018/09/12	568	44	6	05:23	11:45	6.36	1.12
15VX184	138	01:54:59.572	+28:32:08.46	8.57*	10.71	23.16	1.96	2.3y	2018/02/06	G37	20	6	04:37	11:45	7.13	1.53
16PL220	146	01:55:12.773	-14:58:58.54	10.06*	13.11	23.32	3.49	3.1y	2018/11/29	W84	14	6	07:02	11:44	4.70	0.86
14SG378	148	01:55:17.175	-06:44:00.03	0.12	0.16	22.54	2.68	8.3y	2021/01/16	304	95	6	06:19	11:45	5.42	1.12
13RX108	147	01:55:36.520	+08:14:22.92	0.54	0.65	22.48	2.40	5.1y	2018/10/18	W84	40	6	05:28	11:45	6.28	1.25
13SS100	147	01:55:43.948	+09:03:57.31	0.38	0.48	23.97	2.57	7.2y	2020/10/20	G37	25	6	05:25	11:45	6.32	1.17
15TA361	148	01:55:58.880	+06:45:09.43	1.95	2.37	23.38	2.34	4.9y	2018/09/11	W84	23	6	05:32	11:45	6.20	1.28
16QM134	147	01:56:03.356	+07:00:40.37	6.93*	8.46	23.18	2.37	3.9y	2017/09/14	W84	11	6	05:32	11:45	6.22	1.27
06QA181	147	01:56:06.056	+07:50:51.97	0.12	0.14	23.18	2.65	12.1y	2018/09/11	W84	68	6	05:29	11:45	6.26	1.13
13UR17	147	01:56:27.401	+08:47:07.76	0.47	0.58	23.91	2.34	6.2y	2019/10/26	G37	43	6	05:27	11:45	6.30	1.28
13SL100	147	01:57:06.421	+08:17:47.50	0.21	0.24	23.45	2.54	11.2y	2016/11/06	W84	48	6	05:29	11:45	6.26	1.18
506121	146	01:57:17.497	+12:07:39.45	0.41	0.47	22.11	2.40	16.9y	2020/09/21	G37	391	6	05:19	11:45	6.44	1.25
13UT17	146	01:57:19.133	+11:06:43.43	0.34	0.41	23.73	2.39	5.1y	2018/09/09	568	29	6	05:21	11:45	6.39	1.26
13ST100	148	01:57:23.592	+04:42:43.49	0.36	0.44	23.93	2.69	6.3y	2019/11/28	T09	42	6	05:40	11:45	6.08	1.12
13TH229	147	01:57:26.468	+07:29:52.77	4.30	5.26	23.10	2.46	3.9y	2017/09/14	W84	12	6	05:32	11:45	6.22	1.22
612620	148	01:57:58.004	-04:03:00.74	0.07	0.08	22.32	2.93	18.0y	2020/09/13	F51	150	6	06:11	11:45	5.56	1.02
13TN229	148	01:58:02.887	-02:58:14.04	0.62	0.74	23.33	2.72	5.1y	2018/11/06	W84	22	6	06:07	11:45	5.63	1.10
13UW17	146	01:58:23.993	+10:12:33.00	2.20	2.67	23.91	2.30	4.1y	2017/08/30	568	53	6	05:25	11:45	6.33	1.30
14YR72	145	01:58:46.118	-15:12:48.31	2.21	2.73	22.95	2.70	3.8y	2018/10/01	W84	23	6	07:07	11:45	4.63	1.11
138628=	140	01:59:00.410	+23:06:36.55	0.33	0.37	23.32	2.43	18.1y	2018/09/14	705	33	6	04:53	11:45	6.86	1.23
10MR116	138	01:59:05.774	+27:22:59.94	0.10	0.12	22.66	2.29	17.3y	2018/01/13	F51	79	6	04:44	11:45	7.02	1.31
13SM106	144	01:59:06.779	+15:47:40.68	0.31	0.39	23.00	2.60	7.1y	2020/10/20	G37	17	6	05:11	11:45	6.56	1.15
13TG229	147	01:59:13.009	+07:57:30.15	4.53*	5.52	23.12	2.35	3.9y	2017/09/14	W84	16	6	05:32	11:45	6.21	1.28
505477	146	01:59:30.609	+10:13:03.18	0.11	0.12	23.28	2.31	14.9y	2017/08/25	568	51	6	05:26	11:45	6.31	1.30
13UN15	146	01:59:42.966	+09:38:55.70	3.28	3.94	23.57	2.30	4.0y	2017/07/24	568	44	6	05:28	11:45	6.28	1.30
13UA18	145	01:59:50.332	+12:49:10.84	13.43*	16.07	23.94	2.36	2.3y	2015/12/07	568	33	6	05:19	11:45	6.42	1.27
13UP17	145	01:59:54.260	+11:17:58.97	1.11	1.27	23.55	2.42	9.1y	2015/12/07	568	36	6	05:23	11:45	6.35	1.24
13TG172	144	02:00:01.263	+13:47:30.02	13.57*	16.55	23.14	2.83	3.2y	2016/11/18	W84	15	5	05:17	11:45	6.46	1.06
13TC229	146	02:00:37.332	+06:35:01.91	0.67	0.83	23.51	2.72	6.1y	2019/11/28	T09	14	6	05:38	11:45	6.12	1.10
13SL112	146	02:00:38.213	+10:04:37.50	5.40*	6.74	23.01	3.05	3.9y	2017/08/28	W84	16	6	05:27	11:45	6.29	0.98
15TP361	147	02:01:14.987	+03:22:39.33	9.75*	11.73	23.50	2.53	2.9y	2016/08/25	W84	21	6	05:48	11:45	5.94	1.19
17OF201	137	02:01:16.343	+28:41:35.23	0.07	0.08	22.62	1.14	14.1y	2018/10/31	W84	25	6	04:43	11:45	7.03	2.63
13UO15	145	02:01:21.823	+10:08:42.25	3.35	4.07	22.97	2.34	4.1y	2017/09/23	G37	25	6	05:28	11:45	6.28	1.28
836666	147	02:01:23.692	+01:56:21.97	0.06	0.07	22.50	2.81	13.0y	2022/10/16	W84	122	6	05:53	11:45	5.86	1.07
14XX47	144	02:01:41.549	-16:24:00.02	0.46	0.58	22.75	2.85	5.9y	2020/11/14	G37	24	6	07:18	11:41	4.39	1.05
13SZ99	147	02:01:41.646	+02:47:55.14	0.40	0.49	23.43	2.80	6.2y	2019/10/26	G37	44	6	05:50	11:45	5.91	1.07
14TD116	147	02:01:42.761	+03:48:57.15	0.12	0.14	23.41	2.49	14.8y	2018/09/14	W84	29	6	05:47	11:45	5.96	1.20
16QN134	146	02:01:48.281	+06:14:58.31	0.67	0.81	23.31	2.74	5.0y	2018/10/18	W84	21	6	05:40	11:45	6.08	1.09
14XY47	145	02:01:54.786	-12:52:11.50	3.07	3.82	22.63	2.99	4.0y	2018/11/30	W84	30	6	06:56	11:45	4.81	1.00
97QH4	141	02:02:00.229	+21:33:52.02	0.63	0.70	22.79	2.46	17.1y	2014/09/27	695	30	6	05:00	11:45	6.75	1.22
14UB277	146	02:02:24.464	+04:34:30.25	2.66	3.30	23.34	2.61	4.9y	2018/10/18	W84	17	6	05:45	11:45	5.99	1.15
612621	146	02:02:47.654	+07:17:41.94	0.09	0.10	23.41	2.67	18.0y	2021/10/03	269	61	6	05:38	11:45	6.12	1.12
13SM102	147	02:02:52.336	+02:19:18.68	0.40	0.49	22.82	2.67	5.1y	2018/10/19	W84	40	6	05:53	11:45	5.86	1.12
07TB418	146	02:03:16.488	+06:08:29.69	0.11	0.13	22.87	2.01	14.2y	2021/12/01	G37	32	6	05:42	11:45	6.05	1.49
14XW47	144	02:03:33.830	-14:29:51.07	2.74	3.33	23.40	2.60	3.8y	2018/09/14	W84	26	6	07:07	11:45	4.63	1.15
99RX214	143	02:03:37.343	+15:07:33.08	0.26	0.29	23.41	2.07	17.9y	2017/07/24	W84	30	6	05:17	11:45	6.46	1.45
14UT277	145	02:03:49.540	+09:34:37.78	0.45	0.58	22.81	2.30	7.1y	2021/12/01	G37	13	6	05:32	11:45	6.21	1.30
13SD112	145	02:04:27.557	+09:45:20.50	0.44	0.53	22.96	2.91	5.1y	2018/10/18	W84	16	6	05:32	11:45	6.21	1.03
10TK192	140	02:04:27.576	+20:54:23.62	0.09	0.10	22.37	2.51	22.1y	2022/10/18	F51	70	6	05:04	11:45	6.68	1.20
13RJ124	145	02:05:07.800	+08:22:29.57	0.16	0.19	22.49	2.30	7.0y	2020/09/21	G37	21	6	05:37	11:45	6.13	1.30

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13SJ102	146	02:05:11.547	+05:29:45.14	0.23	0.28	22.16	3.08	5.0y	2018/10/10	W84	34	6	05:45	11:45	5.99	0.97
13TK187	145	02:05:18.009	+09:37:59.74	0.22	0.27	22.71	2.44	7.1y	2020/11/14	G37	24	6	05:33	11:45	6.19	1.23
14WX601	146	02:05:25.249	+01:22:31.28	0.60	0.75	23.38	2.43	7.0y	2021/12/01	G37	11	5	05:59	11:45	5.76	1.23
13UM17	145	02:05:25.790	+06:37:49.34	0.19	0.22	23.45	2.47	13.0y	2017/09/18	W84	54	6	05:42	11:45	6.04	1.21
15TC361	145	02:05:35.263	+06:37:27.49	2.06	2.53	23.43	2.44	4.8y	2018/09/11	W84	18	6	05:42	11:45	6.04	1.23
612241=	145	02:05:57.646	+05:33:27.90	0.35	0.40	23.69	2.66	17.0y	2017/08/22	W84	24	6	05:46	11:45	5.98	1.13
612577=	144	02:05:58.000	+10:09:06.42	0.36	0.42	23.25	2.66	14.1y	2017/09/18	W84	44	6	05:33	11:45	6.20	1.13
14TF116	145	02:06:14.246	+08:57:33.52	0.56	0.71	22.69	2.30	7.2y	2021/12/01	G37	12	6	05:36	11:45	6.14	1.30
13TB172	144	02:06:18.352	+12:13:04.61	0.69	0.83	22.97	2.75	5.0y	2018/10/18	W84	29	6	05:27	11:45	6.29	1.09
14NX65	146	02:06:33.007	+01:03:34.88	0.14	0.18	22.28	4.84	10.1y	2020/10/14	F51	97	6	06:01	11:45	5.73	0.62
13UB18	144	02:06:53.173	+09:05:04.56	0.07	0.09	23.76	2.33	10.2y	2023/10/19	G37	36	6	05:37	11:45	6.14	1.29
765133	145	02:07:27.120	+06:34:05.06	0.09	0.11	22.92	2.33	10.9y	2024/08/18	T15	51	6	05:44	11:45	6.00	1.29
13UF18	144	02:07:30.588	+09:11:29.79	0.39	0.49	23.41	2.35	7.3y	2020/11/14	G37	38	6	05:37	11:45	6.13	1.28
15TJ361	145	02:07:38.633	+04:20:34.93	0.71	0.86	23.56	2.40	5.1y	2018/11/29	W84	17	6	05:51	11:45	5.89	1.25
13UP15	144	02:07:40.527	+10:52:41.99	0.11	0.13	23.48	2.32	8.3y	2021/12/01	G37	50	6	05:32	11:45	6.21	1.29
16QL134	145	02:08:49.759	+03:24:15.55	0.91	1.11	23.37	2.48	5.1y	2018/11/29	W84	9	6	05:56	11:45	5.82	1.21
13RV156	144	02:09:17.785	+08:31:58.27	0.56	0.68	23.43	2.49	5.0y	2018/09/11	W84	19	6	05:40	11:45	6.07	1.20
13TX171	145	02:09:18.776	-01:21:31.88	0.32	0.38	22.79	2.87	5.2y	2018/11/27	W84	26	6	06:12	11:45	5.54	1.05
99RW214	142	02:09:23.341	+13:52:40.96	1.15	1.30	23.37	2.27	17.9y	2016/08/12	W84	29	6	05:26	11:45	6.31	1.32
13RP124	141	02:09:40.770	+17:33:18.52	0.10	0.13	22.35	2.67	8.0y	2021/09/08	F52	27	6	05:17	11:45	6.46	1.12
14UF241	145	02:09:42.860	+02:59:56.50	0.27	0.33	23.11	2.31	6.0y	2019/11/28	T09	33	6	05:58	11:45	5.78	1.30
13UD18	143	02:09:47.580	+11:16:48.84	0.19	0.24	23.40	2.36	8.3y	2021/12/01	G37	52	6	05:33	11:45	6.19	1.27
14WA556	144	02:10:12.614	-09:52:34.14	0.03	0.04	21.64	2.70	9.8y	2024/08/31	F52	57	6	06:49	11:45	4.93	1.11
13TA172	145	02:10:15.207	+03:28:51.77	0.36	0.43	22.76	3.11	5.0y	2018/10/18	W84	28	6	05:57	11:45	5.80	0.96
17QU131	145	02:10:20.038	-02:09:23.69	0.64	0.77	23.60	2.67	5.1y	2018/11/06	W84	8	6	06:16	11:45	5.48	1.12
13TY187	145	02:10:41.672	+02:26:28.88	0.18	0.22	22.41	2.49	6.9y	2020/09/14	F51	35	6	06:01	11:45	5.74	1.20
13UZ17	142	02:10:42.843	+14:50:22.19	0.18	0.22	23.69	2.36	7.3y	2020/11/14	G37	39	6	05:25	11:45	6.33	1.27
15TV361	142	02:10:42.975	+13:26:04.41	2.85	3.58	23.40	2.48	4.9y	2018/09/11	W84	23	6	05:28	11:45	6.27	1.21
15AS293	140	02:11:23.008	-21:56:25.14	2.96	3.61	22.69	2.59	3.9y	2018/12/02	W84	26	6	08:16	11:01	2.75	1.16
13SH106	145	02:11:30.499	-01:19:33.54	0.16	0.20	23.43	2.67	7.0y	2020/09/21	G37	25	6	06:14	11:45	5.51	1.12
14SN363	145	02:11:38.843	-02:48:33.34	0.13	0.16	22.68	2.72	7.2y	2021/11/26	F52	29	6	06:20	11:45	5.41	1.10
13TU227	145	02:11:41.674	-00:42:30.98	0.46	0.56	23.08	2.91	5.0y	2018/10/19	W84	21	6	06:12	11:45	5.54	1.03
14UB225	143	02:11:47.273	+09:41:52.22	0.14	0.19	22.42	2.23	9.4y	2023/12/08	F51	39	6	05:40	11:45	6.08	1.35
13RK109	144	02:11:58.002	+05:12:51.55	0.29	0.34	22.84	2.45	5.0y	2018/09/21	W84	40	6	05:53	11:45	5.86	1.22
06QR181	138	02:11:59.814	+23:28:29.50	0.13	0.15	23.22	2.18	15.3y	2021/12/01	G37	21	6	05:05	11:45	6.66	1.38
14YT72	140	02:12:44.427	-20:10:37.10	2.96	3.73	22.68	3.04	4.0y	2018/11/29	W84	30	6	07:59	11:22	3.38	0.99
16TL176	144	02:12:53.410	-09:01:52.74	8.56*	10.69	23.88	2.80	3.1y	2018/11/15	W84	9	6	06:47	11:45	4.96	1.07
14SZ403	144	02:13:44.579	+00:18:59.18	6.21*	7.75	23.29	2.78	4.2y	2018/11/30	W84	12	6	06:11	11:45	5.57	1.08
03SS422	144	02:14:04.006	-02:11:26.64	0.11	0.12	23.13	2.39	20.2y	2020/11/18	807	50	6	06:20	11:45	5.41	1.26
15QY33	140	02:14:31.568	-19:20:41.76	6.67*	8.22	23.43	2.77	2.8y	2017/09/26	W84	10	6	07:53	11:31	3.63	1.08
13TV227	143	02:14:35.652	+06:11:50.46	0.46	0.56	22.97	2.88	5.1y	2018/11/27	W84	23	6	05:53	11:45	5.87	1.04
15QW33	144	02:14:43.639	-04:09:00.28	0.28	0.35	23.36	2.23	7.0y	2021/12/01	G37	12	6	06:28	11:45	5.28	1.35
13CY133	144	02:14:55.377	-04:07:40.56	0.37	0.43	23.61	10.02	6.4y	2018/06/15	F51	96	6	06:28	11:45	5.27	0.30
13TH172	142	02:15:27.972	+11:48:03.30	2.22	2.73	22.89	2.67	4.9y	2018/09/11	W84	41	6	05:38	11:45	6.12	1.12
13UW18	142	02:15:40.326	+09:20:08.82	0.29	0.36	23.64	2.74	7.1y	2020/09/21	G37	33	6	05:45	11:45	6.00	1.09
15RS278	142	02:15:44.332	+09:18:44.82	3.00	3.91	23.38	2.91	4.3y	2019/10/26	G37	30	6	05:45	11:45	6.00	1.03
13TE229	142	02:16:31.208	+09:23:27.19	0.60	0.74	23.99	2.83	6.1y	2019/11/28	T09	13	6	05:45	11:45	5.99	1.06
13RH157	142	02:17:26.077	+08:33:13.78	5.78*	7.11	23.46	2.46	4.0y	2017/08/27	W84	12	6	05:49	11:45	5.94	1.22
15TQ454	143	02:17:31.014	-04:58:35.88	32.19*	40.32	23.48	2.77	2.2y	2017/12/11	W84	7	6	06:34	11:45	5.17	1.08
14UP229	140	02:18:11.842	+15:34:35.03	3.39	4.11	23.89	2.09	4.0y	2017/08/25	568	46	6	05:30	11:45	6.24	1.44
16QF135	142	02:18:20.700	+05:07:29.03	0.05	0.07	22.21	2.68	8.9y	2022/09/22	F51	18	6	06:00	11:45	5.75	1.12
13RG157	142	02:19:08.225	+05:24:00.28	0.26	0.32	23.75	2.27	6.2y	2019/11/28	T09	20	6	06:00	11:45	5.75	1.32
16UQ273	142	02:19:11.403	+02:43:32.52	0.07	0.09	22.72	2.52	8.3y	2023/12/07	G37	18	6	06:08	11:45	5.61	1.19
13RL157	140	02:19:21.968	+15:03:41.91	0.27	0.35	23.42	2.27	8.2y	2021/12/01	G37	15	6	05:33	11:45	6.20	1.32
13TK172	142	02:19:44.975	+05:26:17.79	0.38	0.46	22.81	2.35	5.2y	2018/12/04	T09	29	6	06:00	11:45	5.74	1.28
511552	139	02:20:15.141	+15:58:06.62	0.11	0.12	22.80	2.04	8.8y	2017/08/25	568	59	6	05:31	11:45	6.22	1.47
15QZ33	140	02:20:15.224	-16:38:24.31	5.15*	6.29	23.42	2.38	3.9y	2018/12/02	W84	16	6	07:38	11:45	4.11	1.26
15TR362	141	02:20:58.425	+08:43:53.84	2.31	2.86	23.46	2.54	4.8y	2018/09/11	W84	28	6	05:52	11:45	5.89	1.18
511551	138	02:21:18.591	+17:16:46.29	0.05	0.06	23.16	2.06	20.1y	2020/10/20	G37	70	6	05:29	11:45	6.26	1.46
14QV495	142	02:21:33.191	-01:53:02.32	0.63	0.75	22.58	2.49	5.4y	2020/01/18	G37	23	6	06:26	11:45	5.31	1.20
511555	136	02:21:39.168	+22:28:00.01	0.06	0.07	23.30	2.25	10.3y	2023/12/07	G37	47	6	05:17	11:45	6.46	1.33
13TP227	141	02:21:41.696	+07:04:32.19	0.12	0.15	23.21	2.46	10.2y	2023/12/07	G37	19	6	05:57	11:45	5.79	1.22
00QN251=	139	02:21:51.164	+14:04:50.16	0.23	0.28	22.79	2.41	21.0y	2021/09/13	G37	26	6	05:38	11:45	6.11	1.24
13VY71	141	02:22:42.926	+08:38:39.95	0.63	0.77	23.09	2.77	5.0y	2018/09/14	W84	15	6	05:54	11:45	5.85	1.08
19SH187	142	02:22:45.054	-01:52:01.89	4.95*	7.26	23.04	5.25	3.5y	2021/01/16	304	15	6	06:27	11:45	5.29	0.57
508823=	136	02:22:56.369	+21:08:58.12	0.19	0.22	22.98	2.06	16.0y	2017/09/23	G37	77	6	05:22	11:45	6.39	1.46
13RM157	141	02:23:09.192	+04:46:43.39	0.46	0.56	23.45	1.96	5.0y	2018/09/11	W84	27	6	06:05	11:45	5.65	1.53
14SL404	140	02:23:19.443	-12:13:28.10	2.82	3.50	23.59	2.54	4.2y	2018/12/02	W84	26	6	07:14	11:45	4.51	1.18
04SC60	139	02:23:20.412	+14:54:09.26	0.04	0.04	21.91	2.68	19.1y	2023/10/18	F52	150	6	05:37	11:45	6.12	1.12
14UJ277	141	02:23:44.818	+05:02:50.70	4.03	5.00	23.37	2.15	3.9y	2018/09/14	W84	12	6	06:05	11:45	5.66	1.40
612245	131	02:23:46.115	+31:27:09.31	0.26	0.28	22.85	1.89	20.3y	2021/12/01	G37	89	6	04:59	11:45	6.76	1.59
13VK46	141	02:23:53.872	+01:05:16.80	3.39	4.18	23.42	2.94	3.9y	2017/09/18	W84	23	6	06:18	11:45	5.44	1.02
14UH277	141	02:24:08.915	+06:32:59.64	0.12	0.15	23.47	2.04	9.1y	2023/12/07	G37	13	5	06:01	11:45	5.73	1.47
14YU72	139	02:24:18.013	-17:33:08.52	0.23	0.28	23.26	2.64	5.8y	2020/09/21	G37	21	6	07:48	11:45	3.94	1.14
15TW361	139	02:24:18.241	+12:36:43.54	3.22	3.97	22.66	2.36	3.9y	2017/09/14	W84	40	6	05:44	11:45	6.01	1.27
07TC434	133	02:24:51.990	+27:24:57.33	0.19	0.21	23.19	2.05	12.9y	2017/08/31	568	58	6	05:09	11:45	6.59	1.46
14YG92	140	02:25:14.215	-13:19:05.79	0.09	0.12	23.35	2.62	9.0y	2023/12/07	G37	15	6	07:22	11:45	4.38	1.15
16PU219	139	02:25:31.648	+12:49:04.11	0.12	0.16	23.61	2.58	10.1y	2023/12/07	G37	11	6	05:45	11:45	6.00	1.16
15TP362	141	02:25:35.118	-02:49:31.23	0.14	0.17	22.75	2.70	7.0y	2020/09/13	F51	44	6	06:34	11:45	5.18	1.11
14SO363	140	02:25:53.991	-10:35:37.46	0.06	0.08	22.90	2.81	9.2y	2023/12/07	G37	25	6	07:08	11:45	4.61	1.07
308460	138	02:27:03.177	+14:50:47.64	0.06	0.07	22.22	2.66	18.2y	2023/12/04	F52	269	6	05:41	11:45	6.06	1.13
14XA48	140	02:27:16.672	-08:41:24.63	0.24	0.29	23.10	2.47	5.9y	2020/10/20	G37	30	6	07:00	11:45	4.74	1.21
14YZ91	138	02:27:21.481	-17:56:45.10	2.59	3.22	23.70	2.84	4.0y	2018/12/02	W84	24	6	07:54	11:45	3.84	1.06
20161	133	02:27:57.854	+26:05:28.19	0.44	0.48	23.84	1.92	19.8y	2016/08/12	W84	33	6	05:15	11:45	6.49	1.56
17RZ137	140	02:28:07.095	-03:25:33.03	1.99	2.74	23.26	2.62	4.1y	2021/11/05	G37	11	6	06:39	11:45	5.10	1.15
14UC228	136	02:28:26.900	+18:55:17.71	2.74	3.32	23.69	1.98	4.1y	2017/08/30	568	39	6	05:32	11:45	6.21	1.52
13PS76	137	02:28:30.364	+17:26:07.68	2.77	3.37	23.79	2.00	4.1y	2017/08/30	568	39	6	05:36	11:45	6.14	1.50
13VM46	139	02:29:10.135	+08:32:56.01	0.22	0.27	23.29	2.69	7.2y	2020/11/14	G37	24	6	06:00	11:45	5.74	1.12
14TS115	140	02:29:10.785	-00:25:19.64	0.19	0.25	23.39	2.62	9.2y	2023/12/07	G37	12	6	06:29	11:45	5.27	1.15
15TR361	139	02:29:12.314	+07:54:27.07	0.47	0.57	23.15	2.74	5.0y	2018/09/11	W84	30	6	06:02	11:45	5.71	1.09
14TO115	140	02:29:13.706	-00:19:24.51	0.14	0.16	23.23	2.41	14.2y	2018/10/10	W84	18	6	06:28	11:45	5.27	1.24
524216=	138	02:29:20.968	+13:35:54.05	0.12	0.13	22.55	2.07	16.4y	2018/02/04	F51	73	6	05:47	11:45	5.97	1.45
15TL361	139	02:29:30.619	+07:55:29.34	0.35	0.43	22.79	2.49	5.1y	2018/11/28	W84	26	6	06:02	11:45	5.70	1.20
13RD158	138	02:29:36.312	+12:40:37.72	0.12	0.15	22.54	2.40	10.2y	2023/12/07	G37	17	6	05:49	11:45	5.92	1.25
01RY143=	136	02:29:49.924	+19:31:52.73	0.12	0.13	23.45	1.89	16.0y	2017/08/30	568	50	6	05:32	11:45	6.21	1.59
13TJ229	140	02:30:08.232	-04:19:11.71	0.11	0.14	23.15	2.92	10.1y	2023/12/07	G37	29	6	06:44	11:45	5.01	1.03
13RW124	138	02:30:18.659	+10:33:52.83	0.09	0.11	22.58	2.57	10.3y	2023/12/07	G37	27	6	05:56	11:45	5.82	1.17
13RK124	139	02:30:58.002	+08:37:12.53	3.06	3.71	23.07	2.38	4.0y	2017/08/27	W84	28	6	06:02	11:45	5.71	1.26
15TF362	140	02:31:07.163	-00:53:13.92	0.50	0.62	23.10	2.53	5.2y	2018/11/30	W84	18	6	06:32	11:45	5.21	1.19
16QO134	139	02:31:30.196	+02:45:48.10	0.23	0.30	23.62	2.84	10.1y	2023/12/07	G37	14	6	06:20	11:45	5.41	1.06
10TL182	137	02:31:46.330	+13:15:25.09	0.10	0.11	22.35	2.16	18.9y	2020/08/23	F51	116	6	05:50	11:45	5.91	1.39
503883=	138	02:31:48.915	+12:23:40.20	0.16	0.18	22.60	2.66	17.0y	2017/08/30	568	69	6	05:52	11:45	5.87	1.13
14WD556	137	02:32:19.298	-15:45:13.06	0.20	0.24	22.99	3.18	5.9y	2020/10/20	G37	27	6	07:44	11:45	4.01	0.94
14UP228	136	02:32:53.658	+18:12:39.02	2.84	3.45	23.89	1.95	4.1y	2017/08/30	568	35	6	05:39	11:45	6.10	1.54
13VZ71	139	02:33:01.746	-04:55:15.43	0.53	0.64	23.47	2.76	5.2y	2018/11/30	W84	20	6	06:49	11:45	4.92	1.09
13US15	137	02:33:05.518	+13:09:01.80	0.26	0.32	22.90	2.54	6.2y	2019/10/26	G37	41	6	05:52	11:45	5.89	1.18
15VQ207	137	02:33:15.271	-15:52:44.77	0.12	0.15	23.79	3.07	9.2y	2023/12/07	G37	15	6	07:46	11:45	3.99	0.98
14YE92	138	02:33:25.322	-11:23:32.20	0.08	0.11	23.02	2.66	9.0y	2023/12/07	G37	22	6	07:19	11:45	4.42	1.13
13VH72	139	02:33:26.223	+05:30:28.56	2.63	3.24	23.57	2.27	4.9y	2018/09/14	W84	12	5	06:14	11:45	5.52	1.32
14TL115	137	02:33:29.082	+14:36:29.41	0.50	0.64	23.67	2.11	8.0y	2021/11/05	G37	12	6	05:48	11:45	5.94	1.42
765047	139	02:33:37.661	+02:41:25.14	0.09	0.11	22.78	1.86	11.0y	2024/08/27	T15	27	6	06:23	11:45	5.37	1.61
13RC109	133	02:33:40.731	+24:55:35.76	0.17	0.21	22.81	2.97	7.1y	2020/10/20	G37	21	6	05:24	11:45	6.35	1.01
14WL602	139	02:33:55.715	-07:55:49.78	5.05*	6.29	23.45	2.56	4.0y	2018/12/03	W84	13	6	07:03	11:45	4.69	1.17
15RY345	136	02:34:04.553	-19:51:36.82	4.10	5.13	23.23	2.71	3.9y	2018/12/02	W84	13	6	08:17	11:45	3.46	1.11
14QR562	138	02:34:06.890	-12:23:58.99	0.07	0.08	23.15	2.58	9.3y	2023/12/07	G37	28	6	07:26	11:45	4.32	1.16
16WB75	139	02:34:32.125	-06:54:03.50	0.25	0.34	23.53	2.62	6.2y	2021/11/05	G37	12	6	06:59	11:45	4.76	1.15
14SA374	138	02:34:39.782	-12:06:12.77	2.55	3.14	23.07	2.42	4.1y	2018/10/28	W84	29	6	07:24	11:45	4.34	1.24
14TC115	138	02:34:48.268	+07:05:26.64	0.92	1.11	23.86	1.94	5.1y	2018/11/28	W84	11	6	06:10	11:45	5.58	1.55
13TX227	138	02:34:55.646	-09:03:03.22	0.64	0.77	23.34	2.92	5.2y	2018/11/30	W84	17	6	07:09	11:45	4.59	1.03
15RX345	138	02:35:20.019	+04:28:11.30	4.52*	5.68	23.39	2.27	4.2y	2018/11/30	W84	10	6	06:19	11:45	5.43	1.32
14WE602	137	02:35:22.613	-15:42:28.45	5.57*	6.95	23.66	2.67	4.0y	2018/11/30	W84	12	6	07:47	11:45	3.97	1.12
14XC48	137	02:36:34.901	-14:32:42.74	0.12	0.15	22.48	2.98	6.8y	2021/09/30	F51	39	6	07:40	11:45	4.07	1.01
15RW245	132	02:37:06.297	+25:11:20.62	4.03	5.24	22.83	2.72	4.1y	2017/11/22	F51	51	6	05:26	11:45	6.31	1.10
13UJ17	135	02:37:06.548	+15:50:46.79	0.10	0.12	23.79	2.53	8.3y	2021/11/05	G37	63	6	05:49	11:45	5.93	1.19
16PK220	138	02:37:42.525	+00:52:13.56	1.76	2.21	23.85	2.22	4.8y	2019/09/29	T09	13	6	06:33	11:45	5.20	1.35
14UT228	134	02:39:13.920	+18:50:25.10	3.04	3.64	23.59	1.82	4.0y	2017/08/25	568	47	6	05:43	11:45	6.02	1.65
612100	135	02:39:31.601	+14:44:14.74	0.23	0.26	22.83	2.03	20.9y	2020/07/21	T14	28	6	05:54	11:45	5.85	1.48
14QS562	138	02:39:41.668	-02:50:02.99	0.15	0.20	22.84	2.22	7.2y	2021/11/05	G37	14	6	06:48	11:45	4.95	1.35
480017	136	02:39:46.289	+11:02:38.19	0.06	0.07	22.48	2.02	11.0y	2020/09/26	F51	223	6	06:04	11:45	5.68	1.49
612047	135	02:39:51.051	+15:21:44.52	0.27	0.30	22.43	1.99	21.1y	2017/11/20	F51	64	6	05:53	11:45	5.87	1.51
14QH563	137	02:40:04.571	+04:05:58.65	2.39	3.00	23.16	2.70	4.8y	2018/09/09	W84	16	6	06:24	11:45	5.34	1.11
14UM233	132	02:40:09.711	+23:05:33.29	4.68*	5.70	23.28	2.18	4.3y	2017/11/23	568	36	6	05:34	11:45	6.17	1.38

nightplan.out

14WH602	136	02:40:14.426	-13:12:19.04	4.23	5.30	23.40	3.12	3.9y	2018/10/18	W84	16	6	07:36	11:45	4.14	0.96
14WB556	137	02:40:20.614	-10:00:15.55	0.12	0.15	23.69	2.08	7.0y	2021/12/01	G37	27	6	07:19	11:45	4.42	1.44
14UN228	130	02:40:27.126	+27:39:55.71	0.21	0.25	23.03	2.18	6.1y	2019/10/26	G37	41	6	05:24	11:45	6.34	1.38
13UH15	137	02:40:32.478	-02:50:30.00	32.31*	39.82	23.93	2.22	2.0y	2015/10/16	304	10	5	06:49	11:45	4.93	1.35
764929	137	02:40:34.154	+01:50:37.67	0.13	0.16	23.04	4.27	9.2y	2020/10/14	F51	116	6	06:32	11:45	5.21	0.70
13VE72	137	02:40:46.525	+01:09:07.25	2.29	2.82	23.20	2.51	4.9y	2018/09/09	W84	19	6	06:35	11:45	5.16	1.20
14SG404	137	02:40:47.739	-03:13:45.82	5.66*	7.08	23.38	2.40	4.2y	2018/12/02	W84	17	6	06:51	11:45	4.90	1.25
14YF92	136	02:41:01.229	-15:04:12.97	3.15	3.92	22.95	2.58	4.0y	2018/12/02	W84	28	6	07:48	11:45	3.94	1.16
13TM187	135	02:41:11.746	+13:02:53.85	4.99*	6.20	23.21	2.55	3.9y	2017/08/22	W84	21	6	06:00	11:45	5.75	1.18
14UX228	131	02:41:14.539	+24:09:37.02	8.80*	10.50	23.12	2.15	2.3y	2015/12/07	568	43	6	05:33	11:45	6.20	1.40
16TN120	135	02:41:28.267	-15:41:29.20	28.64*	35.63	23.80	1.92	1.2y	2017/12/14	304	11	4	07:53	11:45	3.87	1.56
03SO317	135	02:41:41.683	+11:49:57.65	0.17	0.20	23.70	2.26	20.1y	2021/11/05	G37	43	6	06:04	11:45	5.68	1.33
01UP18=	135	02:41:42.180	+14:35:04.94	0.46	0.51	22.63	1.71	21.1y	2022/11/28	G37	27	6	05:56	11:45	5.80	1.75
14TH115	136	02:41:48.613	+09:19:27.93	0.19	0.23	23.42	2.55	8.0y	2021/11/05	G37	12	6	06:11	11:45	5.57	1.18
14TA115	136	02:41:56.640	+10:33:38.42	0.26	0.35	23.65	2.15	8.2y	2021/11/05	G37	14	6	06:07	11:45	5.62	1.40
14TK115	136	02:42:08.626	+07:19:37.81	2.33	2.90	23.17	2.62	4.9y	2018/10/20	W84	19	6	06:17	11:45	5.47	1.15
385201	137	02:42:20.229	+02:48:39.62	0.12	0.13	22.82	2.07	19.1y	2018/10/20	W84	64	6	06:31	11:45	5.23	1.45
13UO17	135	02:42:21.363	+12:07:24.68	0.31	0.37	23.17	2.36	5.1y	2018/09/14	705	50	6	06:04	11:45	5.69	1.27
612102	137	02:42:24.468	+03:40:15.79	0.26	0.30	23.68	2.13	19.0y	2018/09/14	W84	26	6	06:28	11:45	5.28	1.41
13UH17	136	02:42:32.420	+09:31:31.97	3.03	3.78	23.88	2.49	4.1y	2017/08/30	568	39	6	06:11	11:45	5.56	1.20
13TA228	136	02:42:43.176	+07:36:58.04	0.52	0.63	23.03	2.21	5.1y	2018/11/28	W84	18	6	06:16	11:45	5.47	1.36
14UK228	132	02:42:44.287	+20:56:41.02	3.10	3.82	23.30	1.92	4.1y	2017/08/30	568	47	6	05:42	11:45	6.05	1.56
15QX33	136	02:43:04.711	-08:29:12.33	3.87	4.82	23.09	2.64	4.0y	2018/12/03	W84	29	6	07:15	11:45	4.50	1.14
14QT562	136	02:43:24.783	-08:02:24.45	4.86*	6.02	23.08	2.63	4.3y	2018/12/02	W84	22	6	07:13	11:45	4.53	1.14
14UG277	136	02:43:40.672	+04:11:53.07	0.24	0.30	23.39	2.42	7.0y	2021/11/05	G37	13	6	06:28	11:45	5.28	1.24
14UH225	135	02:43:41.854	+10:01:06.05	0.11	0.14	23.08	2.30	8.2y	2021/11/05	G37	45	6	06:11	11:45	5.57	1.30
14UB230	131	02:43:45.889	+24:04:19.51	4.05	4.97	23.51	2.13	4.0y	2017/08/25	568	31	6	05:36	11:45	6.15	1.41
13RS124	136	02:43:59.287	-00:07:55.22	0.18	0.22	23.00	2.62	7.0y	2020/09/21	G37	22	6	06:42	11:45	5.04	1.15
15VV207	135	02:44:33.656	-11:27:25.11	3.92	5.04	23.18	2.95	3.8y	2018/11/16	W84	18	6	07:31	11:45	4.23	1.02
15AN304	134	02:44:38.236	-16:31:08.74	14.00*	17.01	23.94	2.48	2.9y	2017/12/14	W84	9	6	08:01	11:45	3.72	1.21
14TP115	136	02:44:40.738	+05:37:58.51	5.33*	6.74	23.67	2.24	4.1y	2018/11/07	W84	9	6	06:24	11:45	5.34	1.34
11UM411	132	02:44:44.950	+21:23:35.64	0.15	0.18	23.86	1.74	11.1y	2022/11/28	G37	20	6	05:43	11:45	6.03	1.72
543734	134	02:44:46.149	+14:47:05.51	0.11	0.13	22.46	2.48	11.4y	2021/11/11	F51	87	6	05:59	11:45	5.76	1.21
13SP102	136	02:44:46.952	+04:07:47.88	1.87	2.30	22.26	2.08	5.0y	2018/09/11	W84	48	6	06:29	11:45	5.26	1.44
14UT229	136	02:45:03.382	+05:16:11.36	5.99*	7.35	23.91	2.79	3.0y	2017/08/30	568	28	6	06:26	11:45	5.31	1.08
13TR187	136	02:45:12.551	+06:44:19.00	0.11	0.14	22.87	2.25	8.1y	2021/11/05	G37	26	6	06:22	11:45	5.39	1.33
15QL34	136	02:45:25.373	-08:36:38.63	0.31	0.38	22.82	2.67	5.1y	2018/12/02	W84	18	6	07:18	11:45	4.45	1.12
14TX115	135	02:45:33.761	-10:39:21.79	3.52	4.33	23.27	2.16	4.1y	2018/11/15	W84	16	6	07:28	11:45	4.28	1.39
13TQ227	135	02:45:40.198	+06:35:34.24	0.62	0.76	23.32	2.11	5.2y	2018/11/28	W84	18	6	06:22	11:45	5.37	1.42
15QB34	136	02:46:03.014	+01:09:36.53	0.10	0.13	22.24	2.66	6.2y	2021/11/11	F51	25	6	06:40	11:45	5.08	1.13
20PA7	129	02:46:06.941	+26:19:23.05	0.29	0.37	23.81	5.03	3.3y	2021/10/03	G37	81	6	05:33	11:45	6.20	0.60
13UF17	135	02:46:07.968	+06:53:37.15	0.52	0.63	23.80	2.65	7.3y	2020/11/14	G37	40	6	06:22	11:45	5.38	1.13
14UK277	135	02:46:17.444	+08:43:47.81	3.29	4.17	23.21	2.13	3.9y	2018/09/14	W84	13	6	06:17	11:45	5.46	1.41
13VQ46	134	02:46:46.423	+11:12:45.45	0.19	0.24	23.28	2.11	9.1y	2022/11/28	G37	13	6	06:10	11:45	5.57	1.42
14QY562	135	02:46:59.489	-08:29:40.13	3.49	4.28	23.32	2.13	4.3y	2018/12/02	W84	18	6	07:19	11:45	4.43	1.41
613468	135	02:47:14.155	+06:28:17.90	0.07	0.08	22.74	2.10	14.3y	2020/12/09	G37	207	6	06:24	11:45	5.34	1.43
527603	132	02:47:14.676	+20:34:11.88	0.07	0.08	22.59	1.87	20.9y	2021/11/01	F51	106	6	05:47	11:45	5.96	1.60
96RQ20	123	02:47:24.696	+38:29:31.16	0.81	0.89	22.75	2.16	17.1y	2013/10/07	695	53	6	05:08	11:45	6.61	1.39
01PK47	132	02:47:45.386	+19:55:05.20	0.28	0.32	22.64	2.08	19.3y	2020/12/09	G37	34	6	05:49	11:45	5.92	1.44
16SQ55	136	02:47:49.096	-01:32:27.04	0.10	0.12	23.14	2.15	9.1y	2022/11/28	G37	49	6	06:51	11:45	4.89	1.40
10TA192	132	02:47:50.380	+18:14:45.91	0.08	0.09	22.54	1.83	23.1y	2022/11/28	G37	25	6	05:53	11:45	5.86	1.64
13RC158	134	02:47:57.628	+11:01:54.26	0.16	0.21	23.41	2.63	8.1y	2021/11/05	G37	16	6	06:12	11:45	5.54	1.14
13TY171	135	02:48:13.373	+07:28:15.94	0.11	0.13	22.61	2.33	8.1y	2021/11/26	F51	47	6	06:22	11:45	5.37	1.29
14UM229	132	02:48:15.376	+17:48:26.94	0.16	0.21	23.93	2.05	8.2y	2021/11/05	G37	40	6	05:55	11:45	5.83	1.46
11UO412	127	02:48:19.547	+30:16:23.68	0.71	0.84	23.57	2.11	6.3y	2017/12/20	G37	28	6	05:26	11:45	6.31	1.42
14SU373	134	02:48:20.186	-12:47:08.85	3.61	4.63	22.67	2.85	4.2y	2018/12/02	W84	27	6	07:42	11:45	4.05	1.05
16QV134	135	02:48:23.368	+07:50:33.87	8.27*	10.65	23.76	2.39	2.8y	2018/09/11	W84	7	6	06:21	11:45	5.39	1.26
14UL228	132	02:48:34.682	+19:03:10.55	3.11	3.80	23.83	1.93	4.1y	2017/08/30	568	35	6	05:52	11:45	5.88	1.55
15UK84	135	02:48:37.595	-06:00:10.25	0.10	0.12	22.37	2.44	7.1y	2021/11/11	F51	41	6	07:10	11:45	4.59	1.23
13RP157	135	02:48:53.513	+06:58:44.74	0.44	0.54	23.03	2.28	5.2y	2018/11/28	W84	16	6	06:25	11:45	5.34	1.32
13VB72	134	02:48:54.607	+11:24:52.00	2.90	3.48	23.51	1.87	4.0y	2017/10/22	W84	23	6	06:12	11:45	5.55	1.60
14UO277	135	02:48:55.936	+07:16:42.83	5.02*	6.25	23.46	2.51	3.9y	2018/09/11	W84	12	6	06:24	11:45	5.35	1.20
13YD169	134	02:49:01.191	+11:29:44.37	3.14	3.80	23.76	2.08	3.8y	2017/09/26	W84	25	6	06:12	11:45	5.55	1.44
14TJ115	133	02:49:17.105	+13:44:38.83	0.29	0.37	23.74	2.33	9.1y	2022/11/28	G37	10	6	06:06	11:45	5.64	1.29
14UE229	132	02:49:49.761	+17:59:33.53	2.82	3.42	23.81	1.90	4.1y	2017/08/30	568	43	6	05:56	11:45	5.81	1.58
14UY228	131	02:49:52.289	+18:57:50.39	0.10	0.13	23.80	1.90	9.3y	2022/11/28	G37	32	6	05:54	11:45	5.85	1.58
07VJ302	133	02:50:02.754	+13:44:45.04	0.14	0.17	22.59	2.01	16.2y	2022/11/28	G37	35	6	06:07	11:45	5.63	1.49
640522	133	02:50:07.301	+15:07:08.13	0.06	0.07	23.03	1.88	20.2y	2021/11/11	F51	111	6	06:03	11:45	5.69	1.60
14TW115	135	02:50:18.603	-04:39:02.22	0.09	0.11	23.47	2.31	8.2y	2022/11/28	G37	14	6	07:06	11:45	4.65	1.30
14UB228	130	02:50:23.383	+22:17:07.82	3.05	3.71	23.47	1.91	4.1y	2017/08/30	568	41	6	05:46	11:45	5.97	1.57
11UQ411	134	02:51:09.451	+10:06:37.53	0.75	0.90	23.47	1.95	6.3y	2017/12/20	G37	27	6	06:18	11:45	5.45	1.54
01UN18=	131	02:51:33.249	+17:51:56.43	0.39	0.43	22.92	1.71	12.0y	2013/10/06	695	15	6	05:58	11:45	5.78	1.75
13XU33	133	02:51:45.644	+10:59:53.10	0.07	0.09	22.80	2.20	9.1y	2022/11/28	G37	29	6	06:16	11:45	5.48	1.36
15TJ363	134	02:52:01.073	+03:37:41.55	0.11	0.14	22.52	2.16	9.1y	2022/11/28	G37	64	6	06:38	11:45	5.11	1.39
14QW562	134	02:52:02.709	-04:33:00.46	4.33	5.34	23.55	2.38	4.3y	2018/11/30	W84	14	6	07:07	11:45	4.63	1.26
14UO229	129	02:52:04.387	+23:50:56.82	2.79	3.39	23.54	2.12	4.1y	2017/08/30	568	46	6	05:44	11:45	6.01	1.42
13RC157	134	02:52:55.852	+02:58:19.95	0.56	0.68	23.20	2.81	5.2y	2018/11/07	W84	17	6	06:41	11:45	5.06	1.07
13TC188	134	02:53:06.392	+05:02:45.38	0.27	0.33	22.86	2.18	7.2y	2020/11/14	G37	26	6	06:35	11:45	5.17	1.38
525257=	130	02:53:57.720	+19:35:50.63	0.44	0.51	23.00	1.77	14.8y	2018/09/14	705	26	6	05:56	11:45	5.81	1.69
11UT411	130	02:53:57.753	+21:07:27.34	0.24	0.32	23.88	1.68	11.2y	2022/11/28	G37	23	6	05:53	11:45	5.87	1.79
16UO273	133	02:54:05.981	+08:56:43.32	0.17	0.21	23.45	1.92	8.2y	2022/11/28	G37	15	6	06:24	11:45	5.34	1.56
14YH92	134	02:54:31.526	-05:21:56.43	6.70*	8.35	23.50	2.54	3.9y	2018/11/29	W84	13	6	07:13	11:45	4.53	1.18
14TV115	134	02:55:10.577	-05:24:10.27	4.68*	5.81	22.97	2.59	4.2y	2018/11/30	W84	17	6	07:14	11:45	4.52	1.16
14QX562	133	02:55:27.736	-09:17:36.86	5.07*	6.34	23.35	2.67	4.2y	2018/11/15	W84	15	6	07:31	11:45	4.23	1.12
13RE157	133	02:55:37.319	-08:48:31.61	1.11	1.34	23.47	2.36	5.2y	2018/11/17	W84	10	6	07:29	11:45	4.26	1.27
15TK363	133	02:55:43.192	+01:21:06.93	0.32	0.38	22.91	2.22	5.2y	2018/11/29	W84	52	6	06:49	11:45	4.93	1.35
14UE228	130	02:56:18.959	+17:55:07.13	3.64	4.56	23.80	1.95	4.1y	2017/08/30	568	31	6	06:03	11:45	5.70	1.54
14YW91	133	02:56:19.371	-04:09:13.24	0.21	0.26	23.14	2.58	5.9y	2019/10/04	T09	45	6	07:10	11:45	4.58	1.16
14QY510	133	02:56:33.705	-05:57:50.64	3.51	4.33	23.16	2.53	4.2y	2018/11/15	W84	33	6	07:17	11:45	4.46	1.19
14YC92	132	02:56:34.123	-16:26:50.80	2.81	3.40	23.49	1.50	3.8y	2018/10/18	W84	13	6	08:13	11:45	3.53	2.00
14UV229	132	02:56:55.828	+09:33:19.74	4.12	5.08	23.86	2.24	4.0y	2017/08/25	568	43	6	06:25	11:45	5.33	1.34
14QZ510	133	02:57:03.682	+03:32:24.97	0.11	0.13	22.67	2.48	7.2y	2021/11/11	F51	58	6	06:43	11:45	5.02	1.21
13TQ187	133	02:57:18.037	+06:36:16.51	0.27	0.33	22.86	2.09	5.0y	2018/10/20	W84	30	6	06:34	11:45	5.18	1.44
14SW373	133	02:57:25.592	+03:50:26.32	2.90	3.65	22.26	2.24	4.2y	2018/11/29	W84	32	6	06:43	11:45	5.03	1.34
14SF404	132	02:57:29.869	-13:04:33.96	6.25*	7.80	23.25	2.81	3.1y	2017/11/01	W84	17	6	07:53	11:45	3.87	1.07
13TE172	131	02:57:43.201	+13:08:05.73	0.11	0.13	22.46	2.15	9.2y	2022/11/28	G37	50	6	06:16	11:45	5.48	1.40
15760	130	02:57:44.258	+18:34:30.73	0.23	0.26	23.10	1.80	30.3y	2022/12/26	G37	113	6	06:02	11:45	5.70	1.67
14WM517	133	02:57:45.096	-02:56:50.88	0.47	0.58	23.95	1.99	5.0y	2019/12/04	T09	52	5	07:06	11:45	4.64	1.51
13VS46	132	02:58:14.248	+07:13:44.30	0.41	0.48	23.18	1.71	5.1y	2018/11/29	W84	23	6	06:33	11:45	5.19	1.75
14SM373	132	02:58:36.084	-08:20:15.62	2.62	3.24	22.94	2.44	4.2y	2018/12/02	W84	28	6	07:30	11:45	4.25	1.23
13TT187	133	02:58:46.262	+00:51:27.10	0.10	0.13	22.96	2.23	9.2y	2022/11/28	G37	37	6	06:54	11:45	4.85	1.35
14UG228	129	02:59:04.312	+19:07:07.10	2.96	3.61	23.41	1.84	4.1y	2017/08/30	568	42	6	06:02	11:45	5.70	1.63
15QV33	133	02:59:06.742	-06:03:58.14	0.16	0.21	23.58	2.59	8.2y	2022/11/28	G37	11	6	07:20	11:45	4.41	1.16
14SZ373	132	02:59:18.843	-12:46:10.25	2.80	3.54	22.44	2.68	4.2y	2018/12/03	W84	28	6	07:53	11:45	3.87	1.12
16SU55	132	02:59:37.434	+07:14:40.87	0.20	0.25	23.50	2.13	7.1y	2020/10/20	G37	35	6	06:34	11:45	5.17	1.41
14UO250	132	02:59:41.868	+02:49:10.69	0.23	0.29	23.01	2.34	6.1y	2020/10/20	G37	26	6	06:48	11:45	4.94	1.28
05TN53	123	02:59:58.461	+35:24:40.13	1.83	2.09	23.32	2.67	8.0y	2013/10/06	695	26	6	05:27	11:45	6.30	1.12
13TJ172	132	03:00:12.036	-03:53:34.60	0.12	0.14	22.22	2.53	9.2y	2022/11/28	G37	37	6	07:13	11:45	4.54	1.19
699673	132	03:00:38.727	+08:22:48.76	0.10	0.14	22.66	4.51	10.3y	2023/10/19	F51	166	6	06:32	11:45	5.21	0.67
13VQ25	132	03:00:44.244	-10:48:06.62	0.07	0.08	23.14	2.67	9.1y	2022/11/28	G37	45	6	07:44	11:45	4.02	1.12
04VU75=	130	03:00:47.695	+16:41:49.51	0.45	0.52	22.85	1.71	14.0y	2018/11/09	G37	23	6	06:10	11:45	5.58	1.75
14SH404	131	03:00:59.560	-12:18:19.16	4.41	5.58	23.35	2.36	4.1y	2018/11/16	W84	11	6	07:52	11:45	3.88	1.27
16RK82	132	03:01:30.167	-03:23:44.72	6.04*	7.59	23.18	2.38	4.0y	2018/11/28	W84	14	6	07:12	11:45	4.55	1.26
11UE412	130	03:01:42.569	+13:40:38.84	0.57	0.67	23.23	1.69	6.3y	2017/12/20	G37	28	6	06:19	11:45	5.43	1.78
15QA34	132	03:01:53.382	-02:57:17.53	0.14	0.19	23.34	2.39	7.3y	2022/11/28	G37	20	6	07:11	11:45	4.57	1.26
16UL273	130	03:02:29.475	+13:41:26.95	0.11	0.13	23.43	2.07	8.9y	2022/11/28	G37	12	6	06:19	11:45	5.42	1.45
14YJ92	130	03:02:31.412	-17:25:56.00	3.21	3.97	23.49	2.83	3.9y	2018/11/16	W84	22	6	08:26	11:45	3.32	1.06
01RW143=	130	03:02:31.557	+14:05:44.02	0.69	0.77	23.13	1.81	12.1y	2013/10/06	695	20	6	06:18	11:45	5.44	1.66
14UJ229	130	03:02:38.078	+15:34:43.49	0.12	0.16	23.52	1.98	8.3y	2022/11/28	G37	29	6	06:15	11:45	5.50	1.52
16RA82	132	03:02:44.912	+04:17:47.50	0.10	0.12	23.56	1.91	8.9y	2022/11/28	G37	26	6	06:46	11:45	4.97	1.57
14QU562	131	03:02:50.185	+04:16:47.41	0.15	0.19	23.61	2.38	8.3y	2022/11/28	G37	108	6	06:47	11:45	4.97	1.26
16TZ94	131	03:02:58.090	-08:08:44.24	4.87*	5.96	23.33	2.22	4.0y	2018/11/15	W84	13	6	07:33	11:45	4.19	1.35
511553	129	03:03:22.146	+18:29:30.05	0.14	0.17	23.14	1.86	7.0y	2020/12/09	G37	44	6	06:08	11:45	5.61	1.61
15RU245	131	03:03:34.697	+08:05:06.68	4.33	6.00	22.48	3.24	4.6y	2020/01/18	G37	35	6	06:36	11:45	5.15	0.93
13TM159	131	03:03:36.685	+08:15:07.79	0.05	0.06	22.38	2.00	15.1y	2023/12/08	F51	160	6	06:35	11:45	5.15	1.50
02VB131=	129	03:03:38.237	+16:15:52.04	0.69	0.77	22.57	1.68	10.9y	2013/10/07	695	25	6	06:14	11:45	5.51	1.79
16XO34	131	03:03:39.236	-10:30:06.78	5.54*	6.87	23.54	2.54	4.0y	2018/11/28	W84	10	6	07:45	11:45	3.99	1.18
11US412	128	03:03:48.725	+19:10:39.72	0.39	0.48	23.95	1.63	8.2y	2019/10/26	G37	18	6	06:07	11:45	5.63	1.84
15QC34	131	03:03:51.584	+02:13:51.91	0.13	0.16	23.59	2.19	7.3y	2022/11/28	G37	51	6	06:54	11:45	4.84	1.37
16SX105	131	03:04:02.842	-05:57:11.47	5.03*	6.34	22.91	2.51	3.8y	2018/10/20	W84	11	6	07:25	11:45	4.33	1.20
11UD412	127	03:04:23.876	+21:49:18.10	5.07*	6.02	23.06	1.63	4.1y	2015/10/09	568	25	6	06:01	11:45	5.72	1.84
16SY55	131	03:04:47.212	-00:21:20.29	0.20	0.25	23.01	2.47	5.2y	2019/12/04	T09	129	6	07:04	11:45	4.68	1.21

nightplan.out

14TQ115	131	03:06:08.024	+04:24:50.08	4.14	5.25	23.24	2.29	4.0y	2018/09/14	W84	12	6	06:49	11:45	4.92	1.31
14RU86	130	03:06:11.349	-14:12:38.74	4.15	5.05	23.16	2.40	4.2y	2018/12/03	W84	22	6	08:08	11:45	3.61	1.25
13TR227	131	03:06:13.099	+02:06:08.68	0.84	1.01	23.67	2.15	5.2y	2018/11/29	W84	18	6	06:57	11:45	4.79	1.40
16SS55	131	03:06:18.181	-02:40:44.04	0.27	0.32	22.98	2.01	5.2y	2018/12/01	W84	51	6	07:14	11:45	4.51	1.49
15SV20	128	03:06:30.941	+16:27:25.07	0.51	0.60	22.84	2.19	6.2y	2019/01/03	F51	87	6	06:16	11:45	5.47	1.37
16SN56	130	03:06:45.456	+09:25:35.22	2.67	3.36	23.22	1.83	4.2y	2018/11/16	W84	30	6	06:35	11:45	5.16	1.64
11UB411	125	03:06:47.287	+27:09:38.98	0.25	0.30	23.67	1.80	8.2y	2019/10/26	G37	27	6	05:52	11:45	5.89	1.67
15VB208	130	03:06:49.757	-13:16:09.07	4.51*	5.61	23.86	2.36	3.9y	2018/12/02	W84	11	6	08:03	11:45	3.69	1.27
16SF57	131	03:06:53.678	+03:48:19.91	0.34	0.41	23.59	2.08	6.0y	2019/11/02	T09	32	6	06:52	11:45	4.88	1.44
13VA72	131	03:07:02.444	+03:02:32.36	4.50	5.56	23.39	2.19	4.2y	2017/12/08	W84	22	6	06:55	11:45	4.83	1.37
16SE58	131	03:07:12.783	+01:18:21.94	5.92*	7.21	23.74	1.98	3.4y	2018/01/05	W84	18	6	07:01	11:45	4.73	1.52
15VR207	130	03:07:35.767	+03:38:29.29	4.19	5.21	23.75	2.01	4.1y	2018/11/29	W84	13	6	06:53	11:45	4.85	1.49
11UL412	127	03:08:07.839	+19:36:28.73	0.27	0.32	23.79	1.62	8.2y	2019/10/26	G37	23	6	06:10	11:45	5.57	1.85
14US229	127	03:08:21.305	+19:25:58.06	0.05	0.06	23.20	1.88	9.3y	2022/11/28	G37	45	6	06:11	11:45	5.56	1.60
13RQ109	129	03:08:23.583	+11:11:24.81	0.31	0.37	22.44	2.27	5.2y	2018/11/28	W84	29	6	06:32	11:45	5.21	1.32
13TD228	130	03:08:26.403	+06:41:53.84	0.28	0.34	23.02	2.22	6.1y	2019/11/02	T09	21	6	06:45	11:45	5.00	1.35
16RL82	129	03:08:32.253	+10:29:48.02	3.43	4.37	23.39	1.96	3.9y	2018/11/29	W84	20	6	06:34	11:45	5.18	1.53
13RD98	130	03:08:49.071	-02:34:29.93	0.51	0.60	23.86	1.98	5.2y	2018/11/29	W84	177	6	07:16	11:45	4.48	1.52
15SZ49	130	03:08:57.172	-11:05:51.48	3.62	4.56	23.14	2.58	4.2y	2018/12/02	W84	22	6	07:53	11:45	3.86	1.16
16TT94	129	03:09:14.255	-13:40:29.37	0.41	0.50	22.35	2.49	5.8y	2020/11/14	G37	28	6	08:08	11:45	3.62	1.20
16SC59	130	03:09:18.756	+03:03:35.39	0.53	0.64	23.24	2.08	5.1y	2018/11/07	W84	24	6	06:57	11:45	4.80	1.44
15TX363	130	03:09:24.992	+00:12:02.09	0.15	0.20	23.37	2.12	8.0y	2022/10/19	F51	24	6	07:07	11:45	4.63	1.42
12UP177	123	03:09:33.893	+30:50:24.73	0.55	0.65	23.90	1.63	6.3y	2017/12/20	G37	29	6	05:46	11:45	5.97	1.84
14UR228	127	03:09:42.186	+18:14:22.82	2.79	3.40	23.87	1.91	4.1y	2017/08/30	568	50	6	06:15	11:45	5.49	1.57
15UN105	127	03:09:52.495	-21:34:07.51	11.67*	14.08	23.55	2.34	3.1y	2017/11/24	W84	9	6	09:10	11:45	2.57	1.28
415720	126	03:09:55.802	+22:30:28.01	0.09	0.10	23.21	1.65	22.1y	2021/10/03	G37	51	6	06:05	11:45	5.66	1.82
530664	129	03:09:56.132	+08:15:09.69	0.07	0.08	22.30	2.42	13.8y	2022/09/22	F51	87	6	06:42	11:45	5.05	1.24
11UY411	126	03:11:03.887	+19:46:20.55	0.61	0.73	23.75	1.61	6.3y	2017/12/20	G37	27	6	06:13	11:45	5.53	1.86
745125	128	03:11:09.618	+12:15:56.68	0.07	0.08	22.36	2.29	15.0y	2023/10/18	F52	209	6	06:32	11:45	5.21	1.31
07VK302	129	03:11:28.927	+10:36:14.42	0.24	0.28	23.45	1.65	10.2y	2018/01/05	W84	32	5	06:37	11:45	5.13	1.82
19WW35	129	03:11:32.550	+02:49:14.85	0.09	0.11	23.71	2.32	7.9y	2022/09/05	W84	62	6	07:00	11:45	4.75	1.29
16SK56	129	03:11:57.231	+02:24:23.37	0.12	0.15	22.73	2.11	8.1y	2021/11/26	F51	47	6	07:02	11:45	4.72	1.42
14UF224	129	03:12:10.321	-04:26:09.72	0.76	0.91	23.78	2.09	5.2y	2018/11/29	W84	124	6	07:27	11:45	4.30	1.44
14UD229	125	03:12:13.426	+23:36:21.20	0.08	0.10	23.21	1.93	9.3y	2022/11/28	G37	49	6	06:05	11:45	5.66	1.55
16SU56	129	03:12:17.764	+07:13:05.54	14.70*	18.58	23.46	1.87	2.0y	2017/12/11	W84	16	6	06:47	11:45	4.96	1.60
14UL277	129	03:12:30.210	+05:01:36.37	0.14	0.17	23.36	1.64	9.1y	2023/12/07	G37	9	6	06:54	11:45	4.85	1.83
02VD131=	127	03:12:35.401	+17:22:51.98	0.28	0.33	22.83	1.56	18.0y	2020/10/20	G37	19	6	06:20	11:45	5.41	1.92
12UQ177	119	03:13:06.516	+38:29:37.82	0.11	0.14	23.50	1.83	11.2y	2022/11/28	G37	30	6	05:34	11:45	6.19	1.64
16PA101	129	03:13:18.617	+02:00:53.85	22.31*	28.33	23.67	2.13	1.4y	2018/01/11	W84	51	4	07:04	11:45	4.67	1.41
11UD411	124	03:13:25.265	+27:04:48.74	0.24	0.29	22.49	1.81	9.3y	2020/12/09	G37	32	6	05:58	11:45	5.77	1.66
16TY94	129	03:13:25.758	-07:10:52.95	2.83	3.53	22.40	2.38	4.2y	2018/12/02	W84	38	6	07:39	11:45	4.09	1.26
14UU229	126	03:13:44.911	+18:18:12.25	9.12*	11.28	23.82	2.01	3.5y	2017/01/28	568	35	6	06:19	11:45	5.43	1.49
11UU411	126	03:13:59.914	+19:24:55.77	0.32	0.39	23.99	1.57	8.2y	2019/10/26	G37	26	6	06:17	11:45	5.47	1.91
13RL124	128	03:14:15.243	+08:40:14.10	0.18	0.22	23.18	2.44	8.2y	2021/12/01	304	16	6	06:45	11:45	5.00	1.23
15RD277	121	03:14:34.633	+32:56:38.26	15.04*	20.98	23.52	3.09	2.3y	2017/11/22	568	33	6	05:47	11:45	5.97	0.97
13VR46	128	03:14:35.995	+08:34:06.44	3.91	4.75	22.85	1.90	4.1y	2017/11/16	W84	19	6	06:46	11:45	4.99	1.58
14QU495	129	03:14:52.896	+01:03:36.92	0.49	0.59	23.09	2.34	5.2y	2018/11/29	W84	34	6	07:09	11:45	4.59	1.28
11UC412	125	03:14:56.329	+21:12:17.85	0.10	0.13	23.60	1.60	10.1y	2021/10/03	G37	31	6	06:13	11:45	5.52	1.88
13TP187	129	03:14:59.036	-01:18:23.91	0.10	0.13	22.95	2.16	8.1y	2021/11/11	F51	25	6	07:18	11:45	4.45	1.39
11UG412	125	03:15:17.879	+20:34:48.44	0.07	0.09	23.91	1.50	12.1y	2023/10/16	G37	38	6	06:15	11:45	5.49	2.00
14UV228	124	03:15:20.408	+25:56:40.28	0.39	0.43	23.57	1.87	11.2y	2015/12/07	568	50	6	06:03	11:45	5.70	1.60
13VQ71	128	03:15:31.352	+08:40:16.91	8.29*	10.02	23.16	1.83	3.0y	2016/10/29	W84	12	6	06:46	11:45	4.98	1.64
14TY115	128	03:15:47.254	-08:53:40.33	4.58*	5.68	23.66	2.30	4.1y	2018/11/15	W84	11	6	07:49	11:45	3.92	1.30
14QV562	128	03:15:51.770	-08:25:17.15	6.78*	8.45	23.09	2.68	3.4y	2018/01/09	W84	19	6	07:47	11:45	3.96	1.12
13VD72	128	03:16:01.918	-03:58:56.21	1.09	1.30	23.81	2.29	5.1y	2018/11/06	W84	14	6	07:29	11:45	4.27	1.31
13TO187	127	03:16:09.905	+12:43:11.14	7.72*	9.61	22.80	2.04	3.1y	2016/10/28	W84	23	6	06:36	11:45	5.15	1.47
12UR177	121	03:16:17.522	+32:43:05.27	0.62	0.75	23.66	1.50	6.3y	2017/12/20	G37	28	6	05:49	11:45	5.93	2.00
14SQ350	128	03:16:34.621	+07:13:05.31	3.68	4.48	23.25	1.71	4.0y	2017/11/22	W84	30	6	06:51	11:45	4.89	1.75
523983	121	03:16:49.222	+32:32:20.60	0.22	0.26	22.83	1.70	21.1y	2020/10/20	G37	36	6	05:50	11:45	5.91	1.76
11UH412	123	03:17:23.696	+26:34:39.29	61.38*	72.16	23.97	1.64	1.4y	2013/02/03	568	22	4	06:03	11:45	5.69	1.83
14UF228	123	03:17:30.386	+27:34:46.10	0.22	0.26	22.50	1.96	6.2y	2019/10/26	G37	32	6	06:01	11:45	5.72	1.53
14YS72	128	03:17:39.023	-05:35:13.09	0.18	0.22	22.96	2.53	5.8y	2020/10/20	G37	29	6	07:37	11:45	4.13	1.19
13RA157	127	03:17:39.131	-11:17:29.06	0.54	0.65	23.45	2.97	5.2y	2018/12/02	W84	24	6	08:03	11:45	3.69	1.01
529940	124	03:18:16.249	+21:09:37.86	0.07	0.08	22.41	1.50	14.9y	2023/11/10	O18	66	6	06:17	11:45	5.47	2.00
612243=	126	03:18:18.011	+16:53:46.20	0.15	0.17	22.68	2.08	22.2y	2023/11/10	O18	103	6	06:27	11:45	5.29	1.44
13UF31	128	03:18:30.565	-07:13:23.80	0.37	0.45	22.77	2.82	5.2y	2018/11/30	W84	31	6	07:45	11:45	4.00	1.06
13TK227	127	03:18:31.875	+08:09:56.43	3.29	4.05	23.97	2.24	4.2y	2017/12/11	W84	31	6	06:51	11:45	4.90	1.34
14TM95	128	03:18:52.062	+01:22:17.67	0.14	0.17	22.36	2.59	8.1y	2021/11/11	F51	42	6	07:12	11:45	4.54	1.16
14YA92	128	03:18:54.964	-03:48:59.30	8.89*	10.98	23.50	2.19	3.0y	2017/12/14	W84	13	6	07:31	11:45	4.23	1.37
16SB56	128	03:18:57.782	+00:28:20.06	10.51*	12.88	23.42	2.00	3.3y	2017/12/09	W84	21	6	07:15	11:45	4.49	1.50
14RT86	127	03:19:06.095	-08:06:12.01	8.90*	11.08	22.97	2.41	3.4y	2018/01/17	W84	12	6	07:49	11:45	3.93	1.24
14QG562	128	03:19:13.092	+02:38:55.75	2.27	2.78	23.70	1.87	4.9y	2018/11/07	W84	28	6	07:08	11:45	4.61	1.60
15789	124	03:19:27.971	+22:54:40.24	0.19	0.21	22.80	1.61	26.3y	2020/01/19	F51	165	6	06:14	11:45	5.51	1.86
14UY276	127	03:19:33.652	+10:59:06.02	5.67*	6.92	23.78	1.86	4.2y	2018/01/05	W84	20	6	06:44	11:45	5.02	1.61
11UK412	126	03:19:53.499	+12:47:28.20	0.12	0.14	23.35	1.91	11.1y	2019/10/26	705	35	6	06:39	11:45	5.09	1.57
16SO56	127	03:20:09.685	+03:02:15.14	0.51	0.61	23.71	1.72	5.1y	2018/12/01	W84	24	6	07:08	11:45	4.61	1.74
181902	127	03:20:13.886	+09:03:27.11	0.10	0.11	23.96	1.57	22.1y	2021/10/03	G37	28	6	06:50	11:45	4.92	1.91
13TU187	127	03:20:32.742	+09:08:34.51	0.43	0.52	22.73	2.00	5.2y	2018/11/29	W84	34	6	06:50	11:45	4.91	1.50
13TB228	126	03:20:37.090	+12:11:38.14	2.23	2.75	23.73	1.90	4.9y	2018/09/11	W84	27	6	06:41	11:45	5.05	1.58
13VN46	126	03:20:57.650	+11:06:50.95	3.15	3.89	23.33	2.00	4.1y	2017/10/30	W84	29	6	06:45	11:45	5.00	1.50
505412	127	03:21:06.025	+05:40:17.17	0.09	0.10	22.35	1.89	8.2y	2021/10/03	G37	159	6	07:01	11:45	4.74	1.59
524217=	124	03:21:18.953	+19:59:24.15	0.09	0.10	22.59	1.52	19.2y	2020/12/09	G37	123	6	06:23	11:45	5.37	1.97
12UN177	117	03:21:49.186	+38:56:42.56	0.10	0.11	22.84	1.86	12.7y	2021/10/03	G37	40	6	05:41	11:45	6.06	1.61
14XS54	127	03:21:55.508	-05:32:25.08	4.07	4.98	23.78	2.02	3.9y	2018/11/07	W84	14	6	07:41	11:45	4.07	1.49
12UL177	120	03:21:58.607	+31:03:52.55	0.09	0.10	22.71	1.62	12.9y	2021/10/03	G37	37	6	05:58	11:45	5.78	1.85
14SV373	126	03:22:18.055	+08:54:02.30	0.18	0.23	23.06	1.50	7.0y	2021/10/03	G37	18	6	06:52	11:45	4.87	2.00
16SU57	127	03:22:35.015	+01:58:30.89	0.26	0.32	23.14	1.94	5.1y	2018/12/01	W84	40	6	07:14	11:45	4.52	1.55
16SY56	126	03:22:54.737	+06:20:10.98	0.49	0.60	22.97	1.85	5.2y	2018/12/01	W84	48	6	07:00	11:45	4.74	1.62
16SW57	126	03:23:42.500	+07:27:20.67	0.53	0.64	23.12	1.64	5.1y	2018/12/01	W84	24	6	06:58	11:45	4.78	1.83
15XO480	126	03:23:44.625	-13:30:40.48	7.68*	9.65	23.56	2.58	3.0y	2018/12/02	W84	8	5	08:21	11:45	3.39	1.16
13TB187	123	03:23:46.767	-24:28:07.44	1.05	1.36	21.59	3.81	5.1y	2018/12/01	W84	23	6	10:11	11:31	1.35	0.79
16SP56	126	03:23:50.487	+09:16:29.14	0.04	0.05	22.16	1.67	10.0y	2023/10/17	F51	57	6	06:53	11:45	4.87	1.80
14UZ224	126	03:24:18.836	-09:13:49.62	0.05	0.06	22.47	1.14	16.0y	2022/10/07	304	74	6	07:59	11:45	3.75	2.63
13TH228	126	03:24:38.021	+06:55:25.45	0.45	0.55	23.17	1.87	5.1y	2018/11/16	W84	16	6	07:00	11:45	4.74	1.60
13QP95	126	03:24:47.049	+08:08:09.11	0.35	0.43	22.48	1.92	5.3y	2018/11/29	W84	218	6	06:57	11:45	4.80	1.56
385571	124	03:24:50.488	+19:07:10.38	1.46	1.67	23.36	1.96	10.9y	2013/10/06	695	31	6	06:28	11:45	5.28	1.53
04US10	122	03:25:01.426	+25:38:00.91	0.42	0.48	23.86	1.78	11.2y	2016/01/07	568	51	6	06:13	11:45	5.53	1.69
14SA404	126	03:25:10.422	-02:31:11.80	4.95*	6.06	23.87	1.99	4.2y	2018/11/29	W84	12	5	07:32	11:45	4.21	1.51
11UP412	120	03:25:40.776	+30:02:47.93	0.45	0.53	23.63	1.66	7.4y	2019/02/08	G37	25	6	06:04	11:45	5.68	1.81
14TE86	126	03:25:44.973	-08:44:24.31	2.77	3.41	22.81	2.27	4.1y	2018/11/15	W84	23	6	07:59	11:45	3.77	1.32
534631	120	03:26:15.711	+29:37:33.95	0.06	0.07	23.11	2.05	12.0y	2022/09/22	F52	86	6	06:06	11:45	5.65	1.46
15TS363	126	03:26:36.750	+03:49:42.04	0.49	0.58	23.70	1.98	5.2y	2018/12/01	W84	32	6	07:12	11:45	4.55	1.52
13TZ187	125	03:26:39.625	+05:28:23.67	0.14	0.17	22.73	2.32	8.2y	2021/12/01	304	24	6	07:07	11:45	4.63	1.29
13SO102	125	03:26:52.917	+08:28:17.41	0.27	0.33	22.19	2.08	5.1y	2018/10/21	W84	33	6	06:58	11:45	4.78	1.44
385695	124	03:27:17.672	+13:56:20.45	0.72	0.85	22.93	2.05	16.2y	2019/11/27	G37	40	6	06:44	11:45	5.02	1.46
16SA56	126	03:27:24.098	+01:28:00.77	2.77	3.47	22.49	2.03	4.9y	2018/09/22	W84	45	6	07:20	11:45	4.41	1.48
03UB292=	120	03:27:31.385	+28:22:01.15	0.29	0.32	22.52	1.31	22.0y	2021/10/03	F52	33	6	06:10	11:45	5.59	2.29
14UW276	125	03:27:39.269	+05:03:51.55	0.55	0.66	23.80	2.11	5.1y	2018/11/07	W84	22	6	07:09	11:45	4.60	1.42
14UZ228	122	03:27:55.073	+21:32:52.04	0.33	0.40	23.56	1.71	6.2y	2019/10/26	G37	34	6	06:25	11:45	5.32	1.75
14QU441	125	03:28:12.112	+00:23:30.66	0.53	0.65	23.29	2.04	5.2y	2019/10/26	G37	49	6	07:25	11:45	4.33	1.47
73480	118	03:28:35.709	+34:29:23.65	0.06	0.07	22.93	2.12	18.6y	2020/02/05	F51	260	6	05:57	11:45	5.79	1.42
13TZ171	125	03:28:49.965	+03:38:58.30	0.39	0.47	22.62	1.98	5.2y	2018/12/01	W84	37	6	07:15	11:45	4.50	1.52
495189	125	03:29:19.740	-00:21:15.68	0.27	0.32	22.69	1.81	6.0y	2018/11/07	W84	156	6	07:28	11:45	4.27	1.66
32929	121	03:29:52.748	+23:48:16.22	0.18	0.21	23.38	1.69	24.4y	2020/01/19	F51	233	6	06:22	11:45	5.38	1.78
14WZ555	124	03:30:00.443	-11:45:08.19	0.10	0.12	22.25	2.43	6.2y	2021/01/11	G37	34	6	08:18	11:45	3.45	1.23
13RB98	125	03:30:02.924	-03:45:10.20	0.69	0.85	22.20	2.14	5.2y	2018/12/01	W84	66	6	07:42	11:45	4.05	1.40
529938	122	03:30:33.628	+19:55:40.94	0.05	0.06	22.00	1.64	22.1y	2023/11/10	O18	175	6	06:32	11:45	5.21	1.83
15TQ408	119	03:30:50.262	+31:06:43.08	0.21	0.25	22.80	1.80	19.1y	2021/10/03	G37	34	6	06:07	11:45	5.63	1.67
14WL517	125	03:30:50.567	-03:33:43.28	7.25*	9.10	23.86	2.25	3.1y	2017/12/25	W84	38	6	07:42	11:45	4.05	1.33
14SK404	125	03:30:51.561	-08:09:36.98	3.28	4.07	23.59	2.20	4.1y	2018/10/20	W84	18	6	08:01	11:45	3.73	1.36
547616	124	03:30:55.086	+09:08:56.65	0.07	0.08	22.19	2.18	13.3y	2023/10/17	F51	130	6	07:00	11:45	4.74	1.38
13WJ123	123	03:31:11.487	+13:48:46.75	0.14	0.18	22.59	1.77	8.0y	2021/11/11	F51	16	6	06:48	11:45	4.95	1.69
12WG37	124	03:31:13.029	+06:35:07.26	0.83	1.01	22.78	1.55	5.0y	2017/11/29	W84	23	6	07:08	11:45	4.61	1.94
14SB404	125	03:31:32.084	-03:48:11.37	5.05*	6.24	23.40	2.17	4.2y	2018/11/29	W84	11	5	07:43	11:45	4.02	1.38
534315	122	03:31:56.212	+17:58:09.31	0.04	0.05	22.34	1.79	13.1y	2023/11/10	O18	145	6	06:38	11:45	5.11	1.68
771740	124	03:32:05.533	+00:13:52.11	0.06	0.07	22.24	1.70	11.8y	2024/08/28	T15	256	6	07:29	11:45	4.26	1.76
16TA95	124	03:32:41.526	-07:30:31.28	2.53	3.16	22.75	2.24	4.1y	2018/11/07	W84	24	6	08:00	11:45	3.75	1.34
16SQ58	124	03:33:01.768	-01:31:44.57	0.26	0.31	22.78	2.42	5.1y	2018/11/16	W84	45	6	07:36	11:45	4.14	1.24
11UR411	116	03:33:04.038	+35:47:59.35	9.28*	11.32	23.75	1.86	4.0y	2015/11/08	G37	21	5	05:59	11:45	5.76	1.61
11UJ411	121	03:33:11.939	+22:07:43.72	0.24	0.30	23.84	1.46	9.1y	2020/10/20	G37	23	6	06:29	11:45	5.26	2.05
14YL50	124	03:33:33.456	-11:02:14.80	2.72	3.35	22.65	2.23	3.9y	2018/11/15	W84	33	5	08:18	11:45	3.45	1.35
16SR58	122	03:33:41.398	+15:27:52.95	5.49*	6.71	23.29	1.50	4.0y	2017/11/15	W84	22	6	06:46	11:45	4.98	2.00

nightplan.out

16UP273	123	03:33:48.568	+12:44:30.73	6.34*	8.14	23.57	1.63	4.1y	2018/11/16	W84	9	6	06:53	11:45	4.86	1.84
13TE188	123	03:34:33.205	+10:57:39.83	0.50	0.60	22.70	1.86	5.2y	2018/11/29	W84	28	6	06:59	11:45	4.77	1.61
13TG228	124	03:34:43.944	+00:26:44.75	5.87*	7.27	23.65	1.85	4.3y	2018/01/05	W84	20	6	07:31	11:45	4.23	1.62
09UF156	121	03:35:05.386	+18:49:04.77	1.29	1.44	22.44	1.35	8.7y	2013/10/06	695	19	6	06:39	11:45	5.09	2.22
14XU54	124	03:35:44.721	-03:35:02.47	4.00	5.08	22.98	1.96	3.8y	2018/10/20	W84	17	6	07:47	11:45	3.97	1.53
11UR412	117	03:35:57.959	+32:09:45.14	0.37	0.46	23.87	1.65	8.2y	2019/10/26	G37	22	6	06:10	11:45	5.58	1.82
14SN350	123	03:36:24.787	-09:25:19.73	0.42	0.52	22.69	2.65	5.3y	2020/01/18	G37	47	6	08:12	11:45	3.54	1.13
14QO441	123	03:36:34.631	+02:50:04.06	2.68	3.31	23.21	2.11	4.3y	2018/01/17	W84	209	6	07:25	11:45	4.33	1.42
14XZ47	123	03:36:36.845	-12:30:12.91	0.17	0.22	22.46	2.46	5.9y	2020/10/20	G37	34	6	08:28	11:45	3.27	1.22
14YD92	122	03:37:21.850	-17:53:03.62	3.28	4.02	23.44	2.01	3.9y	2018/11/15	W84	17	6	09:04	11:45	2.68	1.49
99RV215	114	03:37:36.078	+40:52:26.07	1.50	1.68	23.97	1.74	15.1y	2014/10/22	G37	16	5	05:53	11:45	5.86	1.72
14UU277	123	03:38:20.614	-04:48:29.75	3.53	4.43	23.48	2.06	4.0y	2018/10/20	W84	15	6	07:54	11:45	3.84	1.46
11UF411	120	03:38:51.613	+22:08:52.77	0.47	0.59	23.37	1.43	9.3y	2020/12/09	G37	39	6	06:35	11:45	5.16	2.10
14QT495	120	03:38:52.070	-23:29:30.16	3.23	4.06	23.31	3.04	4.3y	2018/11/26	W84	29	6	10:06	11:45	1.65	0.99
14UE278	122	03:39:14.283	+03:50:37.85	4.32	5.24	23.45	1.69	4.1y	2017/12/08	W84	14	6	07:24	11:45	4.34	1.78
12WE37	121	03:39:16.971	+17:11:14.99	9.70*	11.65	23.08	1.50	3.1y	2016/01/10	W84	24	5	06:47	11:45	4.96	2.00
15VG168	120	03:39:18.217	+19:26:09.02	3.44	4.13	23.11	1.00	3.1y	2017/12/16	568	46	6	06:42	11:45	5.05	3.00
674546	122	03:39:37.044	+01:43:22.28	0.04	0.05	22.12	1.78	15.1y	2023/12/04	F51	341	6	07:32	11:45	4.22	1.69
02PQ152=	117	03:39:41.408	+29:18:03.85	0.65	0.75	22.99	1.92	16.1y	2017/10/28	F51	33	6	06:20	11:45	5.42	1.56
14RV86	122	03:39:49.029	-09:56:06.52	6.90*	8.63	23.57	2.08	4.1y	2018/10/20	W84	7	6	08:18	11:45	3.44	1.44
15PL312	122	03:39:52.817	+10:36:28.00	5.16*	6.48	23.60	1.61	4.2y	2018/12/01	W84	31	6	07:05	11:45	4.66	1.86
13VV71	122	03:39:59.131	+05:57:41.81	4.50	5.53	23.28	1.60	4.0y	2017/11/01	W84	14	6	07:18	11:45	4.44	1.88
451657	122	03:40:20.814	-00:47:40.69	0.36	0.42	23.04	1.77	9.2y	2018/01/17	W84	83	6	07:41	11:45	4.06	1.69
13TB188	122	03:40:25.736	+09:51:29.17	4.67*	5.78	23.04	1.71	4.1y	2017/11/23	W84	43	6	07:08	11:45	4.62	1.75
16QP85	122	03:40:30.846	+04:22:36.53	3.29	4.09	23.19	1.61	3.3y	2018/01/16	W84	75	6	07:24	11:45	4.35	1.86
491767	121	03:40:38.117	+13:03:31.49	0.29	0.34	23.19	1.58	9.0y	2018/01/05	W84	57	6	06:59	11:45	4.76	1.90
14QE442	122	03:40:54.007	+07:37:55.82	5.14*	6.22	22.92	1.55	3.3y	2017/01/29	W84	41	6	07:14	11:45	4.50	1.94
13TN187	121	03:41:15.375	+10:58:46.32	0.12	0.14	22.64	1.58	8.1y	2021/10/03	G37	26	6	07:05	11:45	4.66	1.90
15PD312	122	03:41:33.445	-03:47:16.64	0.74	0.89	23.23	2.16	5.2y	2018/12/03	W84	58	6	07:53	11:45	3.86	1.39
16TW94	121	03:42:42.541	-10:19:33.80	13.39*	16.33	23.46	2.11	3.2y	2018/01/09	W84	11	6	08:23	11:45	3.36	1.42
14US277	120	03:42:57.667	-17:54:42.17	0.13	0.15	23.11	1.37	13.2y	2021/12/01	G37	26	6	09:10	11:45	2.58	2.19
13RU124	122	03:43:03.082	-04:00:12.22	5.52*	6.81	22.59	2.11	4.1y	2017/11/01	W84	17	6	07:56	11:45	3.82	1.42
16SJ105	122	03:43:18.098	+00:01:10.85	0.73	0.89	23.64	1.95	5.2y	2018/12/01	W84	10	6	07:41	11:45	4.06	1.54
14TB116	122	03:43:37.574	+00:38:31.14	4.52*	5.71	22.97	1.74	4.2y	2018/12/03	W84	14	6	07:39	11:45	4.09	1.72
15VU207	120	03:43:37.726	-18:56:39.52	0.02	0.03	21.73	3.13	9.7y	2024/09/15	F52	50	6	09:19	11:45	2.43	0.96
06WS195	120	03:44:09.943	+15:31:42.48	0.09	0.11	23.49	1.40	18.1y	2022/10/29	G37	34	6	06:56	11:45	4.81	2.14
14TU115	121	03:44:15.166	+03:14:23.17	4.09	5.23	22.94	1.92	4.2y	2018/11/29	W84	18	6	07:31	11:45	4.22	1.56
15VS168	119	03:44:33.184	+19:34:17.60	0.10	0.13	23.95	1.06	7.9y	2022/10/29	G37	37	6	06:47	11:45	4.97	2.83
16SA59	121	03:44:42.412	+00:33:40.27	3.32	4.06	23.86	1.65	4.3y	2018/12/01	W84	19	6	07:41	11:45	4.07	1.82
491768	121	03:44:55.177	+05:21:06.73	0.52	0.62	23.25	1.55	5.1y	2017/12/26	W84	82	6	07:25	11:45	4.32	1.94
613857	120	03:44:56.007	+12:43:35.31	0.42	0.48	23.00	1.46	10.2y	2016/12/25	W84	32	6	07:04	11:45	4.67	2.05
10TJ182	119	03:45:15.708	+19:08:21.88	0.05	0.06	22.07	1.54	13.0y	2021/11/01	F51	132	6	06:48	11:45	4.94	1.95
14UQ277	121	03:45:35.074	-00:44:27.86	0.04	0.05	21.97	2.12	9.0y	2023/10/22	F51	40	6	07:46	11:45	3.98	1.42
11UH411	120	03:45:45.521	+09:09:58.96	0.82	0.97	23.77	1.82	6.3y	2017/12/20	G37	20	6	07:15	11:45	4.50	1.65
16SJ57	121	03:45:53.466	+03:55:09.58	0.39	0.48	22.37	1.91	5.1y	2018/12/01	W84	45	6	07:31	11:45	4.23	1.57
11UO411	117	03:46:07.466	+25:06:14.52	0.21	0.26	23.72	1.33	9.1y	2020/10/20	G37	32	6	06:35	11:45	5.16	2.26
16SV58	121	03:46:11.462	+06:00:07.54	0.73	0.89	22.91	1.76	5.1y	2018/11/16	W84	47	6	07:25	11:45	4.34	1.70
13RZ108	119	03:46:12.640	+17:44:45.39	0.07	0.09	22.63	1.42	10.1y	2023/10/17	F51	28	6	06:53	11:45	4.87	2.11
12UK177	117	03:47:06.092	+25:56:14.83	0.29	0.36	23.96	1.17	8.2y	2019/10/26	G37	27	6	06:34	11:45	5.17	2.56
14SD404	120	03:47:39.340	+03:13:26.54	3.77	4.72	23.43	1.92	4.1y	2018/11/07	W84	17	6	07:35	11:45	4.17	1.56
14SC374	120	03:47:40.201	-09:44:04.77	0.18	0.23	22.99	2.82	7.2y	2021/12/01	304	25	6	08:25	11:45	3.33	1.06
14UQ250	121	03:47:47.104	-01:10:12.47	0.31	0.39	22.84	1.82	6.2y	2021/01/11	G37	27	6	07:50	11:45	3.92	1.65
14SJ404	120	03:47:47.159	+00:56:57.97	3.98	5.08	23.07	2.07	4.2y	2018/12/03	W84	22	6	07:42	11:45	4.04	1.45
13UT22	120	03:47:52.319	-00:18:04.27	0.46	0.55	22.77	2.01	5.0y	2017/12/21	W84	47	6	07:47	11:45	3.97	1.49
13TF228	120	03:47:59.701	-02:24:18.22	0.20	0.25	23.23	1.94	9.1y	2022/10/29	G37	15	5	07:54	11:45	3.84	1.55
591486	120	03:48:26.906	+09:35:28.53	0.52	0.62	22.72	1.79	5.1y	2018/10/28	W84	39	6	07:16	11:45	4.47	1.68
13RF157	120	03:48:33.043	+04:05:23.65	1.01	1.22	23.61	1.60	5.2y	2018/11/07	W84	10	6	07:33	11:45	4.20	1.88
14SO350	120	03:48:40.010	-05:01:06.55	2.50	3.11	23.02	2.08	4.1y	2018/11/15	W84	47	6	08:05	11:45	3.66	1.44
13VO46	120	03:48:56.926	+09:16:51.77	0.61	0.74	22.84	1.54	5.1y	2018/12/01	W84	20	6	07:18	11:45	4.45	1.95
474640	119	03:49:00.400	+15:51:23.04	0.08	0.09	23.12	0.99	23.9y	2024/08/28	568	44	6	07:00	11:45	4.74	3.03
14YB92	120	03:49:09.238	-05:16:14.07	0.12	0.15	23.13	2.42	8.0y	2022/12/03	304	26	6	08:07	11:45	3.63	1.24
13RO157	120	03:49:13.836	+07:33:14.82	4.80*	5.94	23.40	1.58	4.3y	2018/01/05	W84	16	6	07:23	11:45	4.36	1.90
16SJ58	119	03:50:25.123	+10:40:00.25	4.51*	5.71	23.52	1.55	4.3y	2018/12/01	W84	19	6	07:15	11:45	4.49	1.94
15RS245	120	03:50:32.118	+03:10:35.93	0.17	0.22	23.63	1.75	7.1y	2022/10/29	G37	22	6	07:38	11:45	4.12	1.71
829523	117	03:50:35.689	+20:02:07.51	0.06	0.06	22.34	1.38	25.2y	2023/11/18	F52	111	6	06:52	11:45	4.88	2.17
02TZ300	117	03:50:43.582	+20:05:46.20	0.24	0.27	23.92	1.11	18.1y	2020/11/18	W84	86	6	06:52	11:45	4.89	2.70
13TL227	120	03:50:54.316	+04:14:47.42	0.13	0.16	23.80	1.62	9.1y	2022/10/29	G37	11	6	07:35	11:45	4.17	1.85
14TT100	120	03:51:08.715	+00:21:49.80	0.18	0.22	22.87	1.73	6.1y	2020/10/20	G37	18	6	07:48	11:45	3.95	1.73
385185	118	03:51:16.258	+16:35:22.90	0.67	0.78	22.98	1.37	27.1y	2020/10/20	G37	46	6	07:01	11:45	4.73	2.19
15VS166	117	03:51:19.618	+19:37:05.26	4.12	5.02	23.94	1.05	3.1y	2017/12/16	568	46	6	06:53	11:45	4.86	2.86
13VP46	119	03:51:23.818	+09:41:40.56	0.16	0.20	23.27	1.39	9.0y	2022/10/29	G37	29	6	07:19	11:45	4.43	2.16
08UA332	119	03:51:37.017	-07:06:03.70	0.11	0.12	22.61	1.63	14.2y	2022/12/26	G37	34	6	08:17	11:45	3.46	1.84
12VP113	119	03:51:39.798	+05:34:33.54	0.08	0.09	22.96	0.74	16.9y	2024/08/27	T15	55	6	07:31	11:45	4.22	4.05
11UA413	116	03:51:50.297	+24:40:42.23	0.26	0.31	23.52	1.29	9.1y	2020/12/09	G37	23	6	06:42	11:45	5.04	2.33
14TT85	119	03:52:25.528	+07:36:54.55	18.40*	22.19	23.67	1.48	2.3y	2016/01/07	W84	34	6	07:26	11:45	4.31	2.03
13VU71	119	03:52:27.885	+05:50:05.60	0.83	1.01	23.32	1.56	5.1y	2018/12/01	W84	17	6	07:31	11:45	4.22	1.92
505679	116	03:52:44.030	+24:37:40.68	0.06	0.07	22.34	1.00	12.3y	2022/10/23	F52	142	6	06:43	11:45	5.03	3.00
14RX86	119	03:52:55.854	-06:53:38.59	0.15	0.18	23.14	2.16	8.2y	2022/10/29	G37	20	6	08:17	11:45	3.45	1.39
15VC172	117	03:53:05.955	+17:11:53.65	0.11	0.14	23.51	0.99	7.4y	2022/12/26	G37	33	6	07:01	11:45	4.73	3.03
16TS94	118	03:53:11.160	-16:41:15.28	0.39	0.48	22.72	2.75	6.1y	2021/01/11	G37	36	6	09:11	11:45	2.56	1.09
11UX410	118	03:53:21.405	+15:44:31.40	0.23	0.28	23.01	1.54	9.1y	2020/10/20	G37	34	6	07:05	11:45	4.66	1.95
15VL169	117	03:55:09.141	+19:03:51.05	0.23	0.30	23.77	1.04	6.3y	2021/12/01	G37	35	6	06:58	11:45	4.77	2.88
14TA116	119	03:55:21.890	-06:52:23.91	0.18	0.23	23.27	2.14	8.1y	2022/10/29	G37	15	6	08:20	11:45	3.42	1.40
14UU228	116	03:55:33.682	+21:21:47.79	0.33	0.41	23.97	1.30	6.2y	2019/10/26	G37	27	6	06:53	11:45	4.85	2.31
13VC72	118	03:56:00.535	+10:18:59.27	3.06	3.90	23.22	1.55	4.9y	2018/09/11	W84	32	6	07:22	11:45	4.38	1.94
16SG58	118	03:56:29.261	+08:18:05.54	0.10	0.12	22.50	1.30	8.1y	2021/11/26	F52	62	6	07:28	11:45	4.28	2.31
14QS510	118	03:56:37.132	+06:53:29.59	0.51	0.63	22.93	1.52	7.0y	2020/11/14	G37	35	6	07:32	11:45	4.21	1.97
16SR105	118	03:57:21.520	+02:26:50.87	12.38*	16.46	22.31	2.13	4.2y	2018/01/05	W84	10	6	07:47	11:45	3.96	1.41
14UU240	118	03:57:27.331	+02:13:32.06	0.16	0.20	22.66	1.95	6.2y	2021/01/11	G37	42	6	07:48	11:45	3.95	1.54
15VN172	116	03:57:53.856	+20:54:39.87	0.13	0.17	23.91	0.96	6.2y	2021/12/01	G37	27	6	06:57	11:45	4.80	3.12
495190	118	03:58:00.397	-04:38:43.73	0.13	0.15	22.82	2.02	9.0y	2017/12/23	W84	207	6	08:13	11:45	3.53	1.49
14RO74	118	03:58:07.650	-09:54:09.94	0.07	0.09	22.92	2.72	8.2y	2022/12/03	304	39	6	08:36	11:45	3.14	1.10
11UV410	115	03:58:23.709	+24:57:30.41	0.45	0.50	22.77	1.19	8.1y	2013/11/01	568	32	6	06:48	11:45	4.95	2.52
14HY195	110	03:58:54.698	+38:56:12.29	0.22	0.23	22.48	7.83	15.0y	2018/09/29	W84	59	6	06:18	11:45	5.44	0.38
07TD418	117	03:59:38.042	+06:47:58.23	0.16	0.18	23.63	1.37	13.1y	2020/11/14	G37	31	6	07:36	11:45	4.15	2.19
594337	117	03:59:52.475	+08:00:23.51	0.44	0.53	23.22	1.25	5.1y	2018/12/01	W84	60	6	07:32	11:45	4.21	2.40
12UV177	113	03:59:54.995	+29:33:55.00	0.15	0.19	23.54	1.30	10.2y	2021/12/01	304	45	6	06:39	11:45	5.09	2.31
15VE169	116	03:59:59.385	+18:19:48.97	0.15	0.19	23.79	1.02	6.3y	2021/12/01	G37	35	6	07:05	11:45	4.66	2.94
609222	115	04:00:25.377	+20:56:06.78	0.08	0.10	23.03	0.95	17.1y	2021/12/01	G37	55	6	06:59	11:45	4.76	3.16
03UV291=	115	04:00:42.291	+20:03:34.73	0.04	0.05	23.51	0.98	19.2y	2022/12/26	G37	45	6	07:02	11:45	4.72	3.06
14QG442	117	04:00:45.630	-00:27:37.63	0.16	0.20	22.72	1.52	8.4y	2022/12/26	G37	50	6	08:00	11:45	3.74	1.97
14QP441	117	04:00:53.639	+07:44:50.98	3.76	4.74	23.66	1.71	3.3y	2017/12/22	W84	132	6	07:34	11:45	4.18	1.75
14UX277	117	04:01:12.001	-12:31:41.34	0.19	0.24	23.16	1.96	8.2y	2022/12/26	G37	17	6	08:53	11:45	2.86	1.53
11UP410	115	04:01:54.378	+20:42:28.20	0.39	0.46	23.28	1.12	7.4y	2019/02/08	G37	34	6	07:01	11:45	4.72	2.68
14XB48	117	04:02:12.868	-07:52:50.14	0.11	0.14	22.32	2.15	7.0y	2021/11/11	F51	33	6	08:31	11:45	3.23	1.40
656128	111	04:02:18.026	+34:18:07.62	0.04	0.05	22.21	1.55	23.1y	2023/10/14	F52	141	6	06:31	11:45	5.22	1.94
532184	114	04:02:18.104	+24:06:00.09	0.05	0.06	22.51	1.16	15.0y	2023/11/18	F52	95	6	06:54	11:45	4.85	2.59
14RM86	117	04:03:03.005	+03:32:21.20	0.10	0.13	23.15	1.59	9.0y	2022/12/26	G37	16	6	07:49	11:45	3.93	1.89
527328	114	04:03:41.982	+20:29:57.26	0.25	0.29	22.80	1.51	17.3y	2018/01/12	F51	75	6	07:04	11:45	4.69	1.99
14UV277	116	04:04:29.484	-11:51:33.78	0.19	0.24	23.56	2.27	8.2y	2022/12/26	G37	17	6	08:53	11:45	2.87	1.32
14RW86	116	04:04:30.623	-02:01:20.00	0.14	0.17	23.40	1.98	8.3y	2022/12/26	G37	20	6	08:10	11:45	3.59	1.52
02VV130=	114	04:05:04.475	+18:30:27.38	0.18	0.22	22.74	1.06	18.9y	2021/09/13	G37	22	6	07:10	11:45	4.58	2.83
143751=	113	04:05:12.239	+25:10:47.82	0.40	0.48	23.46	1.08	16.0y	2019/10/26	705	21	6	06:54	11:45	4.84	2.78
20108	116	04:05:24.071	+04:56:21.78	0.35	0.39	23.26	1.60	26.3y	2021/12/01	G37	48	6	07:47	11:45	3.96	1.88
13XL40	115	04:06:18.452	+09:34:43.18	0.14	0.17	23.11	1.13	8.0y	2021/12/01	G37	15	6	07:34	11:45	4.17	2.65
14QF562	115	04:07:24.290	+05:01:17.85	0.15	0.19	23.09	1.61	8.0y	2021/12/01	G37	13	6	07:49	11:45	3.93	1.86
11UQ412	114	04:07:24.545	+14:32:04.49	0.09	0.11	22.82	1.19	11.3y	2022/12/26	G37	27	6	07:22	11:45	4.38	2.52
15VD169	114	04:07:44.623	+18:39:30.58	0.16	0.20	23.71	0.96	7.0y	2021/12/01	G37	32	6	07:12	11:45	4.54	3.12
15VB168	113	04:08:59.634	+19:29:31.77	8.60*	10.84	23.13	0.79	2.3y	2017/12/13	568	37	6	07:11	11:45	4.56	3.80
14SB374	115	04:09:01.389	-11:18:50.66	0.12	0.15	22.39	1.99	6.1y	2020/10/25	F51	38	6	08:54	11:45	2.84	1.51
15VW169	113	04:10:03.432	+17:36:06.34	7.70*	9.54	23.80	0.92	2.3y	2017/12/13	568	30	6	07:17	11:45	4.46	3.26
20VQ40	115	04:10:28.769	+04:03:54.10	0.66	0.94	23.02	1.76	5.0y	2022/10/29	T14	41	6	07:55	11:45	3.83	1.70
15VO171	113	04:10:34.347	+19:47:51.33	4.57*	5.65	23.77	0.88	2.8y	2017/09/24	568	39	6	07:12	11:45	4.54	3.41
14SQ403	114	04:11:34.461	-18:21:44.08	5.36*	6.47	23.41	1.91	3.4y	2018/02/07	W84	18	6	09:42	11:45	2.05	1.57
15VU171	112	04:12:11.973	+19:58:15.65	6.72*	8.29	23.59	0.86	2.1y	2017/09/22	568	34	6	07:13	11:45	4.52	3.49
10TS195	114	04:12:55.954	+07:23:50.75	0.09	0.11	22.44	1.48	13.2y	2024/01/01	F51	86	6	07:47	11:45	3.96	2.03
15VH173	112	04:13:30.988	+18:55:25.50	4.88*	6.00	23.64	0.87	2.9y	2017/09/23	568	37	6	07:17	11:45	4.46	3.45
12TF359	114	04:13:42.429	+06:57:04.39	0.20	0.25	22.48	1.14	8.2y	2019/12/03	F52	108	6	07:49	11:45	3.93	2.63
15VA164	112	04:14:23.748	+16:37:57.04	7.16*	8.80	23.62	0.94	2.3y	2017/12/13	568	29	6	07:24	11:45	4.35	3.19
15VY170	112	04:14:28.994	+21:51:43.64	7.83*	9.66	23.52	0.81	2.0y	2017/09/20	568	32	6	07:11	11:45	4.56	3.70
530838	111	04:14:32.033	+24:36:07.87	0.09	0.11	22.69	0.92	14.1y	2022/12/26	G37	129	6	07:05	11:45	4.66	3.26
801504	114	04:14:33.771	+06:23:40.02	0.09	0.11	22.30	1.56	13.1y	2023/11/19	O18	120	6	07:52	11:45	3.88	1.92

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20VR40	114	04:15:00.935	-00:47:13.51	2.92	4.67	23.28	2.23	2.2y	2022/10/31 T14	21	6	08:16	11:45	3.49	1.35
15VA172	112	04:15:19.721	+18:55:19.79	4.35	5.36	23.25	0.83	3.1y	2017/12/16 568	41	6	07:19	11:45	4.43	3.61
15VC170	112	04:15:22.360	+21:02:08.30	6.82*	8.39	23.35	0.80	2.3y	2017/12/13 568	39	6	07:14	11:45	4.51	3.75
19TG3	113	04:15:39.125	+10:22:08.91	0.13	0.16	23.38	2.24	7.4y	2021/12/10 W84	152	6	07:41	11:45	4.06	1.34
15VQ173	112	04:15:50.407	+18:34:20.40	8.61*	10.52	23.27	0.84	2.2y	2017/01/26 568	35	6	07:20	11:45	4.41	3.57
23VQ17	109	04:16:12.567	+32:22:08.21	8.62*	26.98	21.89	2.56	1.3y	2025/02/23 G37	29	4	06:49	11:45	4.92	1.17
15VW167	111	04:16:29.156	+20:04:19.41	3.98	4.92	23.81	0.87	3.1y	2017/12/16 568	43	6	07:17	11:45	4.46	3.45
15VK166	112	04:16:36.409	+19:03:58.89	4.15	5.08	23.31	0.81	3.1y	2017/12/16 568	41	6	07:20	11:45	4.41	3.70
15VK170	111	04:16:48.176	+19:56:18.85	7.47*	9.20	23.51	0.79	2.3y	2017/12/13 568	33	6	07:18	11:45	4.45	3.80
15VA167	112	04:16:49.257	+16:54:59.78	5.77*	7.10	23.30	0.92	2.8y	2017/09/16 568	36	6	07:25	11:45	4.32	3.26
15VD165	111	04:16:55.743	+24:28:36.03	7.91*	9.92	23.99	0.90	2.3y	2017/12/16 568	37	6	07:08	11:45	4.62	3.33
15VF171	110	04:16:57.305	+24:46:42.42	13.03*	16.14	23.49	0.91	2.3y	2017/12/13 568	29	6	07:07	11:45	4.63	3.30
15VU164	112	04:17:00.744	+12:26:52.25	0.06	0.07	23.40	1.32	8.4y	2024/01/09 G37	33	6	07:37	11:45	4.13	2.27
10TE192	108	04:17:27.891	+35:01:46.30	0.58	0.65	22.39	1.17	14.0y	2013/10/30 F51	19	6	06:45	11:45	4.99	2.56
14WC536	112	04:17:32.800	+10:59:32.81	0.31	0.36	22.67	1.10	6.1y	2018/01/05 F51	91	6	07:42	11:45	4.05	2.73
15VH171	111	04:17:41.100	+21:08:27.50	11.73*	14.50	23.53	0.78	2.3y	2017/12/13 568	28	6	07:16	11:45	4.48	3.85
427614	113	04:17:46.605	+05:49:57.80	0.37	0.42	22.92	1.21	20.3y	2024/01/09 G37	28	6	07:57	11:45	3.80	2.48
14WM509	112	04:17:55.718	+09:55:38.96	0.06	0.07	22.19	1.08	9.1y	2023/12/31 F52	94	6	07:45	11:45	4.00	2.78
03UK293=	111	04:18:10.276	+18:25:26.89	0.15	0.17	23.10	0.83	14.1y	2017/12/16 568	44	6	07:23	11:45	4.36	3.61
15VY165	111	04:18:33.794	+20:59:12.42	3.38	4.14	23.41	0.78	3.1y	2017/12/16 568	47	6	07:17	11:45	4.46	3.85
20VT40	113	04:18:59.143	-00:09:37.05	0.06	0.09	23.14	2.38	9.0y	2022/10/31 T14	33	6	08:17	11:45	3.46	1.26
15VQ169	111	04:19:11.944	+21:41:12.22	19.71*	24.12	23.74	0.73	1.4y	2017/01/27 568	28	4	07:16	11:45	4.47	4.11
13VX30	113	04:19:23.582	-03:28:27.61	0.06	0.08	22.44	2.75	8.3y	2022/01/08 697	158	6	08:30	11:45	3.25	1.09
15VB170	111	04:20:06.144	+19:08:24.61	0.10	0.13	23.39	0.76	8.4y	2024/01/09 G37	32	6	07:23	11:45	4.36	3.95
15VD172	111	04:20:07.542	+19:52:42.57	4.58*	5.68	23.71	0.78	3.1y	2017/12/16 568	41	6	07:21	11:45	4.39	3.85
15VQ165	111	04:20:12.455	+14:35:50.78	5.12*	6.43	23.48	1.13	3.1y	2017/12/16 568	41	6	07:35	11:45	4.17	2.65
517717	103	04:20:56.052	+49:16:59.31	0.21	0.24	21.69	3.43	6.4y	2020/11/03 F51	358	6	06:18	11:45	5.44	0.87
14SN403	112	04:20:56.459	-10:04:40.80	5.54*	6.68	23.29	1.51	3.4y	2018/02/03 W84	18	6	09:00	11:45	2.74	1.99
14RN74	112	04:21:04.717	+00:50:12.23	0.06	0.07	22.00	1.79	9.1y	2023/10/22 F51	39	6	08:16	11:45	3.48	1.68
15VU169	110	04:21:08.972	+21:45:09.03	7.58*	9.36	23.59	0.73	2.3y	2017/12/13 568	35	6	07:18	11:45	4.44	4.11
10TD192	110	04:21:22.933	+20:39:00.63	0.46	0.55	22.60	0.73	9.3y	2020/01/18 G37	21	6	07:21	11:45	4.40	4.11
15VC167	111	04:21:22.990	+17:45:42.13	8.76*	10.91	23.96	0.81	2.0y	2017/09/22 568	29	6	07:28	11:45	4.28	3.70
13WK123	112	04:21:27.257	+06:42:10.06	0.67	0.83	23.20	1.31	7.0y	2020/11/14 G37	14	6	07:58	11:45	3.78	2.29
15VT166	110	04:21:31.297	+21:19:41.67	8.42*	10.54	23.68	0.75	2.3y	2017/12/13 568	33	6	07:19	11:45	4.42	4.00
14VO43	112	04:21:35.547	-10:09:00.53	3.08	3.82	23.22	1.72	4.0y	2018/11/07 W84	14	6	09:01	11:45	2.73	1.74
11UA411	110	04:21:36.564	+20:22:59.63	0.13	0.16	23.80	0.84	11.3y	2022/12/26 G37	37	6	07:22	11:45	4.38	3.57
13VT71	111	04:22:32.720	+11:07:40.50	9.89*	12.48	22.92	1.17	3.1y	2016/12/25 W84	18	5	07:46	11:45	3.98	2.56
15VJ167	110	04:22:34.989	+19:40:49.99	5.03*	6.26	23.71	0.76	3.1y	2017/12/16 568	41	6	07:24	11:45	4.34	3.95
14TS100	112	04:22:55.041	-05:54:31.99	0.10	0.12	23.10	1.61	9.3y	2024/01/09 G37	30	6	08:43	11:45	3.03	1.86
15VH168	110	04:23:08.076	+16:11:56.24	0.04	0.05	22.81	0.93	9.1y	2024/01/09 G37	38	6	07:33	11:45	4.19	3.23
15VU167	110	04:23:11.360	+19:47:04.10	0.04	0.06	22.61	0.73	9.0y	2023/11/19 O18	34	6	07:25	11:45	4.33	4.11
15VH167	109	04:23:50.182	+21:35:58.71	11.09*	13.62	23.52	0.71	2.3y	2017/12/13 568	36	6	07:21	11:45	4.39	4.23
14QB527	111	04:23:54.326	+12:23:59.76	0.19	0.24	22.61	0.90	8.0y	2021/11/01 F51	149	6	07:44	11:45	4.01	3.33
15VB164	111	04:24:01.351	+13:51:41.90	8.96*	11.03	23.78	1.02	2.3y	2017/12/13 568	37	6	07:40	11:45	4.07	2.94
767254	111	04:24:15.182	-15:06:34.75	0.10	0.13	22.33	3.48	19.3y	2021/01/04 F51	44	6	09:31	11:45	2.22	0.86
14UR277	111	04:24:48.600	-10:35:18.44	4.27	5.28	23.42	2.05	4.0y	2018/10/20 W84	14	6	09:06	11:45	2.64	1.46
14SN373	111	04:24:55.958	-06:10:43.17	0.08	0.10	22.76	1.51	9.3y	2024/01/09 G37	24	6	08:46	11:45	2.97	1.99
15VR166	109	04:26:20.088	+19:22:41.69	0.05	0.07	23.32	0.73	8.4y	2024/01/09 G37	44	6	07:29	11:45	4.26	4.11
15VF165	110	04:26:22.396	+14:09:38.77	5.99*	7.66	23.45	1.19	3.1y	2017/12/16 568	39	6	07:42	11:45	4.05	2.52
13VS71	110	04:26:35.594	+11:26:40.06	0.05	0.06	23.68	1.02	8.0y	2021/11/05 G37	12	5	07:49	11:45	3.92	2.94
12WF37	110	04:29:18.467	+03:20:55.38	0.06	0.07	22.46	1.84	11.0y	2023/11/19 O18	42	6	08:16	11:45	3.48	1.63
15VN170	109	04:29:24.985	+15:01:53.77	8.51*	10.60	23.43	0.93	2.3y	2017/12/13 568	32	6	07:43	11:45	4.03	3.23
14SQ373	110	04:29:34.115	-06:57:21.93	8.01*	9.92	22.82	1.72	3.4y	2018/02/09 W84	23	6	08:54	11:45	2.84	1.74
534314	109	04:30:21.553	+14:09:20.13	0.21	0.24	22.46	0.82	10.2y	2021/01/11 G37	75	6	07:46	11:45	3.98	3.66
15VX167	108	04:31:49.844	+16:40:08.62	8.69*	10.80	23.48	0.89	2.3y	2017/12/13 568	28	6	07:41	11:45	4.06	3.37
613908	109	04:33:04.380	+02:05:59.74	0.48	0.51	23.71	1.05	10.1y	2008/10/28 250	80	6	08:24	11:45	3.35	2.86
20VS40	109	04:33:09.699	+03:11:36.84	2.66	4.30	23.73	1.94	2.2y	2022/11/01 T14	37	6	08:20	11:45	3.41	1.55
15VK168	108	04:33:23.752	+15:26:35.60	0.05	0.07	23.33	0.78	9.1y	2024/01/09 G37	36	6	07:46	11:45	3.98	3.85
14QM441	108	04:33:48.779	+12:35:21.31	0.32	0.40	22.90	0.83	6.4y	2021/01/11 G37	71	6	07:53	11:45	3.85	3.61
10VD253	109	04:33:58.700	+05:20:01.50	0.10	0.12	22.67	1.19	9.9y	2020/09/17 F51	171	6	08:14	11:45	3.51	2.52
14UP277	109	04:34:05.005	-13:51:04.08	4.30	5.39	23.74	2.73	4.0y	2018/10/20 W84	11	6	09:33	11:45	2.19	1.10
418993	108	04:34:56.246	-19:26:30.10	0.04	0.05	23.35	5.20	19.4y	2022/11/23 T14	303	6	10:14	11:45	1.51	0.58
14UY277	108	04:35:21.188	-15:57:23.87	3.59	4.51	22.87	2.67	4.0y	2018/11/07 W84	17	6	09:48	11:45	1.95	1.12
24WT4	108	04:35:37.773	+05:02:26.42	4.89*	20.00	20.82	2.28	116.7d	2025/01/24 F52	50	2	08:17	11:45	3.46	1.32
14SR373	108	04:37:08.490	-13:36:14.53	2.88	3.56	23.52	2.11	4.2y	2018/11/18 W84	17	6	09:35	11:45	2.16	1.42
543733	107	04:37:27.333	+11:43:26.67	0.04	0.05	22.05	0.98	13.0y	2023/10/17 F52	98	6	07:59	11:45	3.76	3.06
14RM74	108	04:37:41.404	-10:54:54.64	3.24	4.04	23.07	1.81	4.2y	2018/12/03 W84	26	6	09:21	11:45	2.40	1.66
14VT37	108	04:39:40.662	-04:27:51.18	0.24	0.29	23.78	2.45	7.1y	2020/11/24 W84	30	6	08:54	11:45	2.85	1.22
530930	101	04:40:31.612	+44:35:34.90	0.11	0.13	21.94	1.89	17.3y	2022/01/10 697	92	6	06:48	11:45	4.95	1.59
15VL165	106	04:41:47.907	+11:57:12.07	0.04	0.05	22.64	1.18	9.1y	2024/01/09 G37	38	6	08:03	11:45	3.69	2.54
14SX373	107	04:42:01.362	-10:24:11.85	3.77	4.65	23.02	2.07	4.2y	2018/11/18 W84	21	6	09:23	11:45	2.37	1.45
15VS164	105	04:46:43.539	+14:17:01.05	0.22	0.29	23.69	0.95	5.2y	2020/11/14 G37	28	6	08:02	11:45	3.71	3.16
15VX165	105	04:47:38.146	+15:09:03.62	0.52	0.66	23.80	0.90	5.3y	2020/12/09 G37	29	6	08:01	11:45	3.74	3.33
14VC41	105	04:48:02.919	-06:10:10.53	3.03	3.90	22.42	1.84	4.1y	2018/11/26 W84	35	6	09:09	11:45	2.59	1.63
06TK121	105	04:50:37.407	-04:21:01.45	0.13	0.17	22.35	2.22	18.3y	2023/12/11 807	28	6	09:04	11:45	2.67	1.35
613858	104	04:52:01.521	+04:50:53.76	0.19	0.21	22.60	1.03	11.2y	2017/12/12 F51	70	6	08:34	11:45	3.18	2.91
525815	104	04:52:25.740	+04:37:55.50	0.06	0.06	22.56	1.02	19.1y	2023/10/18 F51	229	6	08:35	11:45	3.16	2.94
15VV165	103	04:53:00.688	+14:43:32.84	0.13	0.17	23.05	1.00	6.3y	2021/12/01 304	41	6	08:07	11:45	3.63	3.00
14SB349	103	04:55:03.621	+11:06:27.46	0.13	0.18	22.80	0.99	9.3y	2024/01/09 G37	46	6	08:19	11:45	3.43	3.03
535026	102	05:00:02.502	+03:22:13.44	0.12	0.14	22.47	1.41	12.3y	2022/12/26 G37	86	6	08:46	11:45	2.97	2.13
08TA239	102	05:03:23.998	-04:11:30.33	0.83	0.97	22.91	1.61	12.3y	2020/02/11 W84	20	6	09:17	11:45	2.47	1.86
118228	97	05:12:03.460	+36:41:42.20	0.16	0.19	22.52	1.07	24.2y	2020/12/09 G37	94	6	07:36	11:45	4.15	2.80
527604	99	05:13:31.760	-03:18:29.66	0.07	0.08	22.82	2.44	18.1y	2023/12/08 F52	74	6	09:23	11:45	2.36	1.23
22UN10	97	05:17:21.144	+22:18:50.74	0.13	0.18	23.06	2.34	6.2y	2022/10/26 V06	109	6	08:13	11:45	3.53	1.28
523766	98	05:18:57.810	+00:00:46.61	0.04	0.05	21.90	1.95	13.2y	2023/10/19 F51	166	6	09:16	11:45	2.47	1.54
13UC17	96	05:25:55.622	-06:29:34.14	0.32	0.40	23.69	4.76	7.3y	2021/01/11 G37	25	6	09:48	11:45	1.94	0.63
24XA11	94	05:30:52.459	+28:26:51.69	6.40*	37.20	21.69	5.16	1.1y	2025/01/05 F51	31	4	08:12	11:45	3.54	0.58
470443	92	05:35:08.976	+35:14:50.57	0.09	0.11	21.14	0.85	15.2y	2023/02/08 275	154	6	08:02	11:45	3.71	3.53
15788	93	05:35:40.894	+25:15:46.83	0.18	0.22	22.09	0.90	29.2y	2022/12/01 F52	150	6	08:24	11:45	3.34	3.33
04VG131	92	05:37:15.398	+32:22:34.71	0.48	0.60	23.98	0.93	17.0y	2021/11/05 G37	17	5	08:10	11:45	3.57	3.23
523620	92	05:38:50.117	+32:19:08.39	0.09	0.10	21.74	1.10	36.7y	2020/01/01 F51	102	6	08:12	11:45	3.55	2.73
181855=	90	05:44:39.537	+44:09:21.28	0.22	0.25	23.26	1.76	22.1y	2021/01/11 G37	35	6	07:53	11:45	3.87	1.70
19UH12	90	05:44:42.327	+49:50:46.95	0.09	0.11	22.42	6.08	6.2y	2024/04/06 T14	196	6	07:40	11:45	4.07	0.49
14VR39	91	05:47:14.895	-09:05:35.82	0.23	0.29	23.69	4.24	12.2y	2020/10/09 F51	32	6	10:21	11:45	1.39	0.71
10TV191	90	05:47:49.951	+12:59:52.81	0.13	0.15	22.46	1.33	11.1y	2021/12/01 G37	90	6	09:06	11:45	2.64	2.26
523733	89	05:50:03.850	+30:42:17.19	0.05	0.06	22.75	2.50	13.3y	2023/12/04 F52	168	6	08:27	11:45	3.30	1.20
681280	89	05:53:22.475	+39:27:15.16	0.06	0.07	22.39	1.80	18.1y	2022/11/28 G37	83	6	08:11	11:45	3.56	1.67
23XA13	89	05:53:23.979	+41:34:06.01	0.18	0.28	21.03	5.05	9.4y	2023/12/13 673	51	6	08:07	11:45	3.63	0.59
04VZ130	87	06:02:02.319	+32:10:24.86	0.19	0.22	23.83	1.23	18.1y	2022/11/28 G37	35	6	08:35	11:45	3.16	2.44
14WO510	86	06:03:46.850	+25:40:26.53	0.10	0.12	21.95	1.14	12.1y	2022/11/28 G37	92	6	08:51	11:45	2.89	2.63
332685	83	06:18:13.298	+30:54:27.63	0.09	0.10	22.70	3.43	13.8y	2022/02/03 275	224	6	08:54	11:45	2.84	0.87
19521=	82	06:23:08.865	+31:40:37.65	0.15	0.17	20.56	1.19	31.9y	2023/09/28 275	170	6	08:58	11:45	2.79	2.52
14WE510	81	06:24:49.715	+20:37:59.64	0.11	0.13	22.18	1.71	9.1y	2021/12/01 G37	69	6	09:24	11:45	2.34	1.75
04VY130	81	06:26:01.790	+15:14:51.89	0.16	0.19	22.76	1.76	18.1y	2022/12/26 G37	45	6	09:38	11:45	2.10	1.70
8405	82	06:28:03.896	+40:49:05.83	0.08	0.09	23.20	2.28	23.5y	2018/09/14 705	514	6	08:43	11:45	3.03	1.32
14WB510	81	06:29:04.768	+26:00:45.34	0.14	0.17	22.63	1.53	10.0y	2021/12/01 G37	73	6	09:16	11:45	2.48	1.96