

2021年 小惑星による恒星の掩蔽予報

出典: Monthly Index of Asteroid Occultation Path Predictions, Steave Preston <http://www.asteroidoccultation.com/>

月日時分			星名	光度 等	恒星の位置 (J2000, 0)			番号	小惑星	光度 等	直径 km	継続時 間(秒)	減光 等	Q	太陽離 角(°)	月離 角(°)	輝面率 (%)				
東京 (JST)					h	m	s											°			
1	2	28	3.5	UCAC4-530-020149	12.4	05	55	55.010	+15	50	16.84	156	Xanthippe	13.0	125	8.9	1.1	2.36	165	59	86
1	11	25	59.1	TYC 0772-01211-1	11.2	07	29	57.916	+11	59	40.01	357	Ninina	13.1	109	7.6	2.1	2.81	170	157	3
1	11	26	3.5	UCAC4 519-028796	11.7	06	38	19.159	+13	43	39.89	403	Cyane	12.5	49	4.6	1.2	4.78	165	167	3
1	12	24	16.5	UCAC4 566-005075	12.0	02	33	12.619	+23	04	56.87	187	Lamberta	13.9	135	53.0	2.0	3.05	111	118	0
1	12	29	1.4	TYC 5557-00969-1	10.0	14	05	28.854	-11	28	46.15	946	Poesia	16.2	39	1.8	6.2	11.36	79	75	0
1	13	24	1.0	TYC 5512-00020-1	11.6	11	25	53.249	-12	18	04.23	409	Aspasia	11.9	187	27.2	1.0	1.51	115	120	0
1	14	24	32.1	TYC 1864-00917-1	9.7	06	04	52.467	+23	56	41.85	440	Theodora	13.7	13	2.2	4.1	11.51	157	138	3
1	16	24	56.8	TYC 1927-00972-1	10.3	08	06	17.008	+22	50	13.38	135	Hertha	12.0	75	5.2	2.0	3.63	177	139	13
1	17	18	33.8	UCAC4 476-005004	12.5	03	21	47.300	+05	07	07.98	402	Chloe	13.4	56	6.5	1.3	4.97	112	60	19
1	20	26	20.2	TYC 0745-00872-1	11.7	06	30	45.171	+13	36	28.14	403	Cyane	12.6	49	5.4	1.3	4.87	155	68	49
1	20	26	39.1	UCAC4 592-042146	12.5	07	53	50.763	+28	23	10.87	196	Philomela	11.0	137	10.0	0.3	2.31	171	86	49
1	21	23	14.0	UCAC4 551-003948	11.7	02	03	04.975	+20	00	34.25	255	Oppavia	15.7	60	4.5	4.0	6.20	94	11	57
1	21	29	23.9	UCAC4 527-047561	12.1	08	38	03.444	+15	12	00.37	306	Unitas	12.6	47	3.4	1.0	5.35	173	85	59
1	22	19	13.4	TYC 2458-01769-1	11.1	07	41	46.679	+32	53	18.06	280	Philia	14.6	46	4.4	3.6	5.26	164	63	64
1	24	24	6.2	TYC 6507-01640-1	9.9	06	25	26.435	-23	33	26.09	1301	Yvonne	14.4	22	1.5	4.5	8.30	128	51	83
1	24	24	47.8	TYC 0136-01678-1	8.7	06	15	35.138	+03	31	25.61	313	Chaldea	11.4	91	14.2	2.9	1.73	144	26	83
1	24	27	20.5	TYC 1425-00203-1	11.6	10	13	12.116	+21	57	54.70	718	Erida	13.9	68	7.3	2.4	3.96	155	70	84
1	24	27	31.6	TYC 1353-00311-1	9.6	07	09	51.643	+20	00	50.38	2533	Fechtig	15.7	21	2.2	6.1	12.04	162	29	84
1	25	26	30.2	TYC 1404-00402-1	10.1	09	09	53.660	+17	41	07.40	133	Cyrene	12.6	70	5.0	2.5	4.63	171	45	90
1	28	19	32.8	TYC 2449-01693-1	10.7	06	55	45.734	+36	32	19.83	1242	Zambesia	14.0	53	6.3	3.4	4.27	150	25	100
1	30	20	2.3	UCAC4 576-027759	12.1	06	20	17.161	+25	04	34.18	380	Fiducia	13.9	72	9.3	2.0	4.03	144	57	97
2	2	22	56.4	TYC 0190-01325-1	10.2	07	33	58.615	+06	52	32.62	1330	Spiridonia	14.5	65	5.1	4.4	4.61	156	83	74
2	2	26	42.9	TYC 0239-00836-1	11.6	09	46	12.281	+04	57	05.80	72	Feronia	12.4	80	6.7	1.2	2.85	165	52	72
2	3	18	32.3	HIP 26691	6.8	05	40	18.252	+24	32	14.68	1582	Martir	16.8	37	6.4	10.0	10.23	131	121	65
2	3	26	38.2	UCAC4 551-011404	12.1	04	54	46.839	+20	05	02.10	522	Helga	14.9	105	50.2	2.9	4.10	120	137	62
2	3	28	19.9	TYC 0251-00946-1	10.6	10	17	37.041	+05	35	42.53	1057	Wanda	15.9	43	3.1	5.3	7.96	160	59	61
2	6	28	25.9	TYC 6221-00752-1	11.1	16	47	13.000	-18	17	10.24	334	Chicago	14.5	182	6.5	3.4	3.29	65	5	27
2	8	22	19.4	UCAC4 581-038244	12.4	07	24	31.907	+26	05	42.22	104	Klymene	12.5	133	18.5	0.8	2.03	149	170	12
2	10	28	16.4	UCAC4 329-079089	11.9	16	05	38.645	-24	13	36.47	95	Arethusa	14.4	145	7.1	2.6	3.59	78	66	1
2	11	19	54.4	TYC 1223-01420-1	11.4	02	45	21.797	+17	06	22.17	441	Bathilde	13.7	65	3.0	2.4	5.70	81	86	0
2	13	18	46.3	TYC 0143-01725-1	11.0	06	12	23.985	+06	46	13.93	313	Chaldea	11.9	91	13.9	1.3	1.91	127	107	3
2	18	23	23.2	UCAC4 528-051662	12.2	10	08	57.588	+15	25	20.49	332	Siri	13.8	41	2.9	1.9	7.19	176	102	39
2	20	20	24.1	TYC 1774-01248-1	9.2	02	28	25.776	+26	59	10.19	193	Ambrosia	13.7	31	1.0	4.5	8.75	72	29	57
2	20	24	26.8	TYC 4918-00101-1	11.9	10	36	06.904	-05	02	41.57	429	Lotis	13.8	74	5.8	2.1	3.57	163	91	58
2	21	18	48.9	UCAC4 662-035161	11.6	05	22	16.608	+42	19	07.60	13	Egeria	11.0	212	25.7	0.5	1.27	109	19	65
2	22	23	30.5	UCAC4-550-040461	12.3	07	26	43.430	+19	52	04.74	294	Felicia	16.2	56	6.4	4.0	7.86	136	15	76
2	22	25	17.2	TYC 1362-00521-1	12.5	07	45	35.438	+16	16	13.85	15	Eunomia	9.3	248	40.6	0.1	1.04	141	20	77
2	24	22	43.8	TYC 2426-00725-1	11.0	06	27	30.588	+33	00	32.17	356	Liguria	12.0	131	17.4	1.3	1.72	120	25	91
2	26	27	6.4	UCAC4 543-048035	12.4	08	43	13.051	+18	29	36.20	133	Cyrene	12.9	70	6.4	1.0	4.71	150	23	99
2	27	18	15.9	TYC 1957-01497-1	11.0	09	16	10.405	+27	49	42.27	362	Havnia	12.8	91	9.8	2.0	2.62	152	27	100

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東京 (JST)						h	m	s	°	'	''										
2	27	19	6.0	UCAC4-521-022950	12.4	06	19	02.259	+14	08	54.27	342	Endymion	14.2	60	9.5	1.9	3.96	116	67	100
2	27	29	1.4	UCAC4 337-085371	12.1	16	54	23.007	-22	46	11.33	419	Aurelia	12.7	133	5.4	1.1	2.10	84	89	99
2	28	21	51.9	UCAC4 622-024838	12.0	05	35	27.226	+34	23	51.22	519	Sylvania	14.5	44	5.0	2.5	8.35	105	90	98
2	28	23	23.3	UCAC4 492-026148	12.5	06	26	27.072	+08	18	47.43	130	Elektra #1	12.3	199	16.8	0.7	1.76	116	82	98
3	1	29	0.9	HIP 59476	10.1	12	11	56.148	-00	29	06.18	1074	Beljawska	15.2	49	3.9	5.0	7.01	158	13	92
3	2	24	58.0	TYC 1397-01336-1	8.4	09	03	33.737	+19	21	26.07	140	Siwa	13.4	107	9.0	5.1	3.23	151	74	85
3	3	25	20.5	TYC 2907-00821-1	9.7	05	09	32.750	+44	21	14.35	795	Fini	15.2	76	5.5	5.6	4.77	97	135	76
3	4	18	27.1	TYC 1300-02079-1	10.3	05	24	29.297	+17	39	28.53	79	Eurynome	12.0	68	4.3	1.9	3.81	98	150	69
3	4	23	41.3	TYC 1298-00326-1	9.3	05	37	29.921	+15	43	14.55	156	Xanthippe	13.9	125	15.0	4.6	2.91	100	150	66
3	5	18	47.7	HIP 14675	8.7	03	09	35.880	+19	01	54.22	1520	Imatra	16.2	56	1.9	7.5	8.27	65	164	57
3	9	21	11.1	UCAC4 522-007421	11.7	04	10	51.630	+14	22	26.15	266	Aline	14.0	110	4.2	2.4	3.44	75	120	16
3	10	23	31.3	UCAC4-669-035752	12.0	05	16	18.692	+43	44	44.83	795	Fini	15.3	76	4.7	3.3	4.92	92	124	8
3	13	22	36.3	UCAC4 596-041526	12.5	07	28	21.134	+29	06	14.52	196	Philomela	12.0	137	53.5	0.5	2.74	116	115	0
3	13	26	3.2	TYC 5588-00406-1	10.3	15	04	34.668	-11	17	36.08	2002	Euler	16.1	18	3.8	5.8	12.38	126	130	0
3	14	19	38.6	TYC 2435-00963-1	11.2	06	42	08.316	+31	06	29.04	356	Liguria	12.4	131	9.9	1.5	1.97	105	94	1
3	16	20	40.5	UCAC4 542-017691	11.8	05	40	30.683	+18	12	30.67	79	Eurynome	12.2	68	3.4	0.9	4.15	90	55	9
3	16	21	3.3	UCAC4 617-037602	12.4	06	48	40.548	+33	23	42.92	1237	Genevieve	15.8	41	4.3	3.4	8.02	104	71	9
3	18	26	26.7	TYC 1433-00365-1	9.2	11	02	48.223	+18	20	53.05	3906	Chao	15.3	46	3.1	6.1	6.90	159	103	24
3	19	25	7.6	TYC 0850-00378-1	11.6	10	56	33.423	+12	12	23.60	2731	Cucula	15.8	48	3.4	4.2	7.29	161	93	32
3	21	29	21.5	UCAC4 301-254738	11.9	19	01	39.929	-29	58	20.95	524	Fidelio	15.5	67	2.9	3.6	6.34	78	169	52
3	22	18	53.6	TYC 2469-00386-1	10.0	08	10	21.260	+30	48	32.71	14	Irene	10.2	145	30.1	0.9	1.62	116	19	58
3	24	23	54.5	UCAC4 542-050080	12.5	11	00	29.655	+18	12	36.48	4	Vesta	6.3	522	62.0	0.0	0.39	153	30	79
3	24	26	7.6	TYC 1441-01986-1	12.1	11	58	41.020	+15	41	32.35	381	Myrrha	13.0	123	9.4	1.3	2.64	162	43	79
3	25	20	43.6	TYC 90-00326-1	10.4	04	34	32.397	+03	56	42.93	386	Siegena	12.8	179	5.4	2.5	2.33	64	76	86
3	27	19	0.5	UCAC4 497-055971	11.7	11	02	39.346	+09	12	34.52	93	Minerva #1	12.1	142	12.6	1.0	1.92	156	5	97
3	31	24	37.6	TYC 1896-01098-1	10.2	07	11	50.052	+22	48	57.41	213	Lilaea	14.3	79	7.1	4.1	5.24	96	125	88
4	2	20	38.6	TYC 5531-00338-1	10.2	12	43	18.127	-10	17	00.14	258	Tyche	12.8	64	4.1	2.8	4.85	175	64	71
4	3	27	21.1	TYC 0318-00315-1	10.7	14	26	38.312	+00	44	38.16	527	Euryanthe	14.7	54	4.9	4.0	5.16	155	63	57
4	5	22	4.2	TYC 0875-00401-1	10.6	12	41	16.430	+08	56	06.63	2326	Tololo	15.5	41	2.9	4.9	7.65	164	114	38
4	6	27	4.1	TYC 7888-00893-1	10.9	17	36	25.088	-39	27	40.51	4828	Misenus	18.1	45	5.7	7.2	15.68	111	51	26
4	9	22	41.2	UCAC4 584-031528	12.4	06	36	33.597	+26	42	31.22	54	Alexandra	13.7	155	7.8	1.6	3.08	79	107	6
4	9	23	11.4	UCAC4 526-036948	10.6	06	59	58.945	+15	00	00.99	342	Endymion	14.8	60	2.9	4.3	5.16	85	112	6
4	9	27	3.6	UCAC4 340-191479	12.1	19	40	32.307	-22	06	36.85	24	Themis	13.2	193	11.6	1.4	2.47	87	61	5
4	10	25	18.4	HIP 54644	9.8	11	11	03.029	+27	13	50.52	786	Bredichina	13.3	107	16.7	3.5	2.75	133	149	2
4	10	26	6.6	UCAC4 294-113064	11.6	17	03	30.766	-31	17	18.70	63	Ausonia	11.0	100	18.7	0.5	2.08	123	107	2
4	11	29	21.8	UCAC4 309-218164	10.8	18	27	34.910	-28	18	25.48	293	Brasilia	15.2	57	5.9	4.5	6.35	106	103	0
4	13	27	23.1	UCAC4-293-118824	12.5	17	04	43.266	-31	31	39.88	63	Ausonia	10.3	100	22.2	0.2	2.03	125	143	3
4	14	18	59.5	TYC 1947-01085-1	11.8	08	31	56.721	+27	30	40.10	636	Erika	15.6	75	7.4	3.8	5.97	99	74	5
4	18	22	20.5	UCAC4 434-060113	12.5	14	31	34.496	-03	20	35.24	346	Hermentaria	11.6	99	7.5	0.4	3.06	166	117	33
4	19	23	47.0	TYC 0308-00270-1	11.4	13	45	34.216	+00	28	03.12	744	Aguntina	14.2	60	5.3	2.9	4.51	168	92	43

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東京 (JST)						h	m	s	°										
4	20	25	18.4	UCAC4 418-055452	12.4	12	10	13.144	-06 35 52.37	35	Leukothea	11.7	110	17.2	0.5	1.82	154	60	54
4	23	21	36.9	UCAC4 641-038653	12.4	06	51	05.963	+38 06 34.08	13	Egeria	11.7	212	7.1	0.5	1.74	68	63	82
4	24	26	1.2	UCAC4-356-073741	12.4	15	26	11.015	-18 50 56.56	397	Vienna	13.8	45	3.5	1.7	6.73	160	54	91
4	26	19	45.9	TYC 2931-01692-1	9.4	06	24	24.382	+40 00 13.56	795	Fini	15.6	76	2.4	6.2	5.91	60	110	99
4	27	20	2.0	UCAC4-524-038393	12.0	07	08	11.982	+14 36 23.17	130	Elektra #1	13.1	199	7.2	1.5	2.41	70	115	100
4	27	25	4.1	TYC 4972-01165-1	10.8	13	37	25.970	-07 10 45.46	755	Quintilla	13.6	39	3.8	3.0	6.54	168	20	100
4	27	26	32.4	TYC 6793-00173-1	11.2	16	17	14.547	-22 36 26.26	230	Athamantis	10.9	111	13.5	0.6	2.05	151	21	99
4	29	20	49.0	HIP 44637	8.1	09	05	45.483	+17 23 24.29	3768	Monroe	17.8	28	2.4	9.7	17.06	95	119	92
5	3	21	21.6	HIP 67163	7.8	13	45	50.346	-12 57 52.63	743	Eugenisis	14.5	52	4.4	6.7	5.46	166	100	53
5	6	25	33.1	TYC 0280-00056-1	10.8	12	09	25.791	+02 18 37.03	238	Hypatia	13.3	152	23.8	2.6	2.25	135	169	22
5	8	23	11.0	UCAC4 476-096206	12.4	19	23	51.481	+05 10 56.81	3451	Mentor	15.8	122	12.3	3.5	5.19	112	83	9
5	9	23	29.5	TYC 6159-01503-1	8.3	14	53	43.609	-16 55 39.86	770	Bali	14.0	16	1.5	5.7	13.88	177	159	4
5	9	28	3.5	UCAC4 497-137274	12.3	21	17	16.111	+09 20 16.63	1264	Letaba	14.7	71	2.9	2.5	4.82	85	67	4
5	11	27	55.3	UCAC4 331-150138	11.8	18	21	51.353	-23 48 06.52	895	Helio	14.2	124	12.1	2.5	3.36	136	136	0
5	14	27	31.1	TYC 1542-00911-1	11.9	17	33	45.941	+17 03 55.12	1263	Varsavia	15.4	48	3.7	3.5	7.17	132	138	8
5	15	20	15.7	TYC 0804-01258-1	10.3	08	27	44.007	+12 41 42.79	15	Eunomia	10.7	248	9.6	1.0	1.71	72	32	12
5	19	23	20.8	UCAC4 366-119468	11.2	18	09	13.940	-16 55 19.63	1172	Aeneas	15.2	140	11.8	4.0	4.01	146	125	48
5	20	27	25.6	TYC 6267-01083-1	9.6	18	34	23.467	-15 32 01.04	3044	Saltykov	15.8	25	3.5	6.2	9.56	141	115	60
5	22	27	19.0	TYC 6843-01756-1	10.1	18	16	01.182	-23 01 55.05	895	Helio	14.0	124	9.2	4.0	3.24	148	84	81
5	25	22	28.8	UCAC4 485-082979	9.9	18	28	33.893	+06 53 14.91	1361	Leuschneria	15.7	31	3.7	5.8	9.83	136	53	99
5	25	24	15.0	UCAC4 376-124537	9.9	18	32	31.458	-14 56 55.94	3044	Saltykov	15.7	25	3.8	5.8	9.32	146	46	99
5	27	20	59.3	TYC 1398-00883-1	11.6	08	33	04.663	+22 18 55.39	356	Liguria	13.4	131	3.7	2.0	3.08	59	136	98
5	28	24	21.1	UCAC4 354-127630	11.8	18	20	09.137	-19 18 42.74	419	Aurelia	10.7	133	40.7	0.3	1.09	152	7	93
6	1	27	10.1	TYC 0986-00659-1	11.6	17	14	08.695	+11 16 24.11	1585	Union	16.4	52	3.2	4.8	7.98	145	84	56
6	3	24	50.8	UCAC4-352-087371	12.5	17	08	50.675	-19 45 37.75	1269	Rollandia	14.3	104	7.2	2.1	4.09	174	101	37
6	4	24	17.5	UCAC4 340-122583	11.9	18	06	43.287	-22 03 31.71	895	Helio	13.8	124	7.6	2.0	3.14	162	99	28
6	4	25	56.5	UCAC4 264-109348	11.7	17	06	01.017	-37 20 02.59	115	Thyra	11.4	84	6.5	0.6	3.03	165	111	27
6	5	25	7.0	UCAC4 356-132881	12.4	18	16	11.127	-18 49 23.34	419	Aurelia	10.4	133	29.7	0.2	1.87	161	110	19
6	6	22	12.3	TYC 6240-00963-1	10.1	17	10	55.290	-19 57 50.58	1986	Plaut	16.5	20	1.5	6.4	16.49	176	135	13
6	6	25	34.2	UCAC4 415-139171	12.4	20	38	52.378	-07 11 35.03	12	Victoria	9.8	123	17.0	0.1	1.25	125	86	12
6	7	27	27.5	TYC 1617-01590-1	9.8	20	00	10.299	+16 28 46.93	391	Ingeborg	13.9	17	1.3	4.1	10.53	122	100	6
6	12	24	3.6	UCAC4 420-141227	12.1	20	41	10.387	-06 04 59.00	12	Victoria	9.7	123	20.5	0.1	1.20	129	151	4
6	15	20	49.4	UCAC4 353-070867	12.5	14	35	50.216	-19 25 16.09	160	Una	13.8	81	14.5	1.6	3.71	138	81	23
6	17	26	56.9	TYC 6253-03846-1	11.4	17	49	57.655	-16 57 35.47	1200	Imperatrix	14.6	40	3.8	3.2	6.28	173	95	45
6	19	23	42.4	TYC 6183-00351-1	8.6	15	23	53.247	-22 21 07.63	66	Maja	14.2	73	7.9	5.6	4.35	146	38	66
6	23	21	9.3	2UCAC 25337471	10.8	16	45	48.359	-17 20 17.40	334	Chicago	13.3	182	14.7	2.6	2.26	160	6	98
6	28	23	11.4	UCAC4-413-057963	12.4	13	15	20.284	-07 35 29.28	656	Beagle	15.4	53	5.0	3.1	6.90	103	127	81
7	3	27	19.5	TYC 640-00795-1	9.3	02	48	31.193	+08 33 36.06	1096	Reunerta	15.6	44	1.3	6.3	8.42	60	10	32
7	5	22	29.2	TYC 7830-02747-1	12.5	15	12	44.847	-41 46 03.84	5120	Bitias	17.5	48	3.6	5.1	13.18	130	155	18
7	8	19	42.3	UCAC4 446-057427	11.7	14	04	34.140	-00 53 57.58	28	Bellona	12.2	121	10.6	1.0	2.87	103	120	2

月	日	時	分	星名	光度 等	恒星の位置 (J2000.0)				番号	小惑星	光度 等	直径 km	継続時 間(秒)	減光 等	Q	太陽離 角(°)	月離 角(°)	輝面率 (%)		
東京 (JST)						h	m	s	°	'	°	'									
7	9	23	39.9	UCAC4 486-093741	12.3	19	03	31.878	+07	02	24.87	3451	Mentor	15.3	122	7.9	3.1	4.64	151	147	0
7	10	21	51.3	HIP 85408	8.2	17	27	11.733	-07	19	03.76	5651	Traversa	16.5	31	2.7	8.4	10.40	149	142	0
7	17	22	8.8	TYC 6732-01567-1	9.1	14	24	12.520	-23	56	58.46	695	Bella	14.1	41	4.2	5.0	7.65	106	19	51
7	17	26	11.6	UCAC4 360-197618	12.3	19	28	51.105	-18	11	46.62	65	Cybele	10.9	269	23.3	0.3	1.12	175	82	53
7	19	24	2.2	TYC 7437-01444-1	10.8	19	30	07.144	-36	21	49.61	264	Libussa	12.4	59	5.1	1.9	4.45	163	54	74
7	21	23	0.2	UCAC4 434-075305	10.3	18	01	30.938	-03	18	24.89	3925	Tret'yakov	15.8	47	4.4	5.5	6.66	146	22	91
7	21	23	32.2	UCAC4 375-113836	8.6	18	12	33.446	-15	01	20.74	807	Ceraskia	15.4	26	2.4	6.9	12.67	153	13	91
7	24	23	45.3	UCAC4 440-121073	11.3	21	29	15.607	-02	03	48.95	466	Tisiphone	13.9	104	7.3	2.7	3.67	155	22	100
7	27	22	4.8	UCAC4 386-136938	11.8	19	35	04.538	-12	49	16.01	1191	Alfaterna	15.0	45	3.3	3.3	6.22	166	57	86
8	14	26	20.5	TYC 5228-00811-1	12.2	22	10	38.897	-04	36	43.23	585	Bilkis	14.2	55	4.5	2.2	4.61	167	112	40
8	17	23	27.2	TYC 6929-00683-1	8.8	20	44	27.927	-27	03	06.24	477	Italia	12.4	23	4.1	3.6	6.27	160	46	72
8	18	21	21.4	TYC 0994-00938-1	11.6	17	51	36.696	+08	08	27.17	105	Artemis	12.1	117	9.8	1.0	1.72	117	34	81
8	20	23	10.4	HIP 2916	8.0	00	36	56.233	-06	33	52.36	2951	Perepadin	15.6	51	5.9	7.6	7.40	141	62	95
8	20	27	57.9	UCAC4 537-009679	12.4	04	41	56.607	+17	13	55.89	335	Roberta	14.3	93	4.3	2.1	4.19	76	125	96
8	21	21	1.9	TYC 5773-00769-1	9.7	21	24	43.037	-09	02	36.25	775	Lumiere	14.8	31	2.3	5.1	10.17	170	12	99
8	22	28	20.5	TYC 1349-00739-1	8.4	07	08	54.358	+18	18	44.41	1163	Saga	16.9	30	0.8	8.5	19.13	43	132	100
8	24	27	38.0	TYC 2434-01204-1	8.7	06	29	55.059	+35	50	33.64	925	Alphonsina	13.8	61	1.9	5.1	7.18	56	97	94
8	26	21	47.8	TYC 5250-00755-1	11.5	23	23	49.820	-07	12	10.85	1841	Masaryk	16.4	44	3.1	5.0	9.26	164	33	83
8	26	28	21.4	HIP 112656	9.3	22	48	55.444	-08	51	53.41	3615	Safronov	15.8	24	1.9	6.6	12.76	173	45	81
8	29	25	26.4	UCAC4 443-000259	12.3	00	11	50.043	-01	32	33.33	571	Dulcinea	13.7	13	3.4	1.6	10.71	154	58	56
8	29	25	58.6	UCAC4 563-001090	12.0	00	30	20.930	+22	24	05.41	623	Chimaera	14.6	45	5.6	2.7	4.86	137	47	56
8	30	24	10.4	TYC 6330-00565-1	11.2	20	35	48.850	-15	03	02.01	1280	Baillauda	15.5	53	5.6	4.4	6.71	150	124	47
9	10	19	32.9	UCAC4 359-132677	11.4	18	16	23.721	-18	14	40.18	419	Aurelia	12.0	133	9.8	1.1	1.60	106	61	15
9	10	26	20.4	UCAC4 600-001667	12.1	00	36	54.592	+29	50	51.69	7119	Hiera	16.6	67	5.5	4.4	8.35	140	150	17
9	12	23	18.6	TYC 6269-00554-1	10.3	18	19	14.378	-18	16	42.40	419	Aurelia	12.1	133	9.4	2.0	1.62	105	32	36
9	13	20	12.0	UCAC4 460-077867	12.3	18	13	59.910	+01	53	25.57	105	Artemis	12.6	117	6.5	0.9	2.03	102	32	45
9	13	23	40.0	TYC 1239-00433-1	12.1	03	37	58.627	+17	18	55.64	219	Thusnelda	12.6	40	5.3	1.0	4.65	114	158	47
9	18	19	27.9	UCAC4 426-091203	11.7	18	49	05.652	-04	50	57.08	491	Carina	14.8	102	8.3	3.2	4.02	107	47	93
9	18	25	14.0	UCAC4 544-003056	11.8	01	39	37.735	+18	44	52.91	5025	1986 TS6	17.3	46	3.9	5.5	12.66	145	63	94
9	19	20	18.5	UCAC4 284-159512	10.2	18	12	00.440	-33	17	38.74	955	Alstede	14.5	18	1.1	4.3	12.23	96	65	97
9	25	20	23.2	UCAC4-331-159985	12.4	18	28	30.737	-23	58	52.94	27	Euterpe	12.1	114	8.6	0.6	3.08	94	137	82
9	26	19	3.8	TYC 6825-00553-1	8.9	17	19	14.028	-23	35	58.24	569	Misa	16.0	69	3.3	7.1	6.67	77	164	74
9	27	22	13.0	TYC 4676-00442-1	10.0	00	47	45.861	-03	26	46.39	40	Harmonia	9.4	112	12.6	0.5	1.51	171	69	64
9	28	28	53.1	UCAC4 550-039637	11.7	07	20	08.173	+19	48	04.10	179	Klytaemnestra	13.9	74	3.4	2.3	5.92	77	16	52
9	29	24	51.2	UCAC4 579-035267	12.3	07	03	47.769	+25	40	32.80	1115	Sabauda	15.0	71	3.1	2.8	5.37	82	1	44
9	30	28	36.3	UCAC4-571-022620	12.5	05	58	51.437	+24	03	14.18	270	Anahita	12.6	49	4.0	1.0	5.19	98	28	33
10	2	20	32.8	UCAC4 348-174676	12.1	19	13	45.256	-20	29	34.28	543	Charlotte	15.1	46	4.0	3.1	8.65	98	148	19
10	7	27	14.5	TYC 1742-00479-1	10.5	00	54	12.019	+27	00	14.69	141	Lumen	11.0	130	16.9	1.0	1.27	159	156	2
10	9	24	38.8	UCAC4-542-031970	12.4	06	43	43.710	+18	15	47.88	301	Bavaria	15.7	54	4.4	3.3	7.06	96	140	14
10	10	20	12.0	UCAC4 435-081600	12.2	18	51	30.643	-03	07	27.67	105	Artemis	13.0	117	4.8	1.2	2.42	87	37	21

月	日	時	分	星名	光度 等	恒星の位置 (J2000.0)				番号	小惑星	光度 等	直径 km	継続時 間(秒)	減光 等	Q	太陽離 角(°)	月離 角(°)	輝面率 (%)
東京 (JST)						h	m	s	''										
10	13	19	6.7	UCAC4 379-155088	11.9	20	00	00.645	-14 20 21.51	236	Honorina	12.9	83	5.7	1.4	3.43	99	11	53
10	13	19	38.4	UCAC4 433-085618	12.1	18	56	16.700	-03 33 15.16	105	Artemis	13.0	117	4.6	1.3	2.46	85	25	53
10	14	23	52.3	UCAC4 579-033818	11.7	06	54	12.837	+25 41 05.69	126	Velleda	13.8	45	3.9	2.3	6.55	99	152	66
10	15	22	24.3	UCAC4-542-016296	12.4	05	33	43.340	+18 15 46.24	44	Nysa	10.4	75	13.3	0.2	2.96	118	120	75
10	17	23	42.0	UCAC4 592-008796	12.3	03	31	47.936	+28 12 21.50	613	Ginevra	14.0	80	10.1	1.9	3.41	146	69	91
10	17	23	59.2	HIP 41888	9.7	08	32	29.024	+36 52 43.47	5839	G01	16.9	28	1.3	7.2	13.05	83	131	91
10	18	21	39.6	TYC 0571-01701-1	9.8	22	42	17.114	+03 35 54.15	921	Jovita	14.8	60	6.7	5.0	5.21	137	24	96
10	18	28	43.4	TYC 1376-00241-1	11.8	08	03	02.336	+15 04 44.61	1315	Bronislawa	16.2	66	3.8	4.4	7.36	86	114	97
10	24	20	1.8	UCAC4-366-162667	12.4	19	08	26.906	-16 58 41.71	48	Doris	13.0	219	9.4	1.1	2.22	76	146	87
10	25	21	1.1	TYC 6433-00598-1	12.1	02	23	38.649	-22 58 40.83	5440	1998 WX4	16.8	67	4.1	4.8	9.38	144	68	80
10	25	29	31.3	TYC 1302-00751-1	9.8	05	37	16.598	+18 02 55.39	44	Nysa	10.2	75	37.1	0.9	2.74	128	9	77
10	27	29	24.6	UCAC4 476-035961	12.1	07	28	11.061	+05 05 07.43	1030	Vitja	15.9	62	5.0	3.8	6.53	101	21	60
10	29	21	50.1	HIP 3428	10.3	00	43	41.609	+23 53 02.98	1404	Ajax	16.0	87	6.0	5.6	6.28	156	112	43
10	30	24	5.2	TYC 4709-00132-1	11.6	03	22	42.254	-02 10 09.20	1211	Bressole	14.9	43	3.9	3.3	5.78	157	102	32
10	31	21	23.2	TYC 4683-01246-1	10.1	01	11	36.334	-06 01 12.34	3277	Aaronson	14.8	19	2.8	4.7	10.52	153	146	24
11	9	18	47.1	UCAC4 345-185410	11.3	19	20	07.582	-21 09 19.70	38	Leda	14.4	110	3.8	3.1	4.58	62	5	27
11	13	23	15.4	TYC 0549-00973-1	8.4	21	52	56.627	+03 31 52.61	89	Julia	10.5	145	10.4	2.3	1.66	100	25	71
11	13	23	29.1	UCAC4 552-021704	12.4	06	02	28.344	+20 22 37.43	336	Lacadiera	13.6	70	10.5	1.5	3.35	140	104	71
11	13	23	55.3	TYC 1845-02350-1	11.5	05	04	48.169	+23 34 58.48	106	Dione	11.5	173	19.8	0.8	1.52	154	91	71
11	13	25	23.1	TYC 2340-00841-1	11.7	03	10	16.982	+31 15 20.56	796	Sarita	11.1	41	4.0	0.5	3.51	167	68	72
11	16	27	36.2	TYC 2852-01456-1	8.5	03	14	04.016	+40 12 05.59	3244	Dannymeyer	16.5	33	2.3	8.0	9.91	158	39	94
11	18	23	28.5	UCAC4 608-039685	12.1	07	14	02.404	+31 25 34.56	1424	Sundmania	15.2	75	12.2	3.2	4.85	130	59	99
11	20	18	51.6	TYC 1165-00550-1	10.8	23	21	45.709	+11 28 08.68	849	Ara	13.2	69	6.3	2.5	4.92	117	74	99
11	23	26	44.7	HIP 40880	6.4	08	20	29.477	-06 37 37.77	7138	1999 FS35	18.6	13	2.5	12.2	25.59	110	35	84
11	26	25	2.5	TYC 0694-01149-1	12.0	04	40	22.400	+13 45 32.30	861	Aida	14.4	69	4.9	2.5	4.84	170	75	59
12	1	24	55.6	TYC 1844-00730-1	10.3	04	58	24.061	+28 26 29.13	302	Clarissa	13.3	37	4.3	3.1	4.57	171	135	10
12	1	28	12.4	TYC 0755-01182-1	12.1	06	46	10.363	+11 30 54.30	713	Luscinia	14.2	103	9.3	2.2	3.55	146	113	9
12	2	27	41.5	UCAC4-655-022236	12.4	04	32	47.508	+40 54 40.71	186	Celuta	12.1	45	3.9	0.6	4.61	161	149	4
12	3	26	9.8	UCAC4-550-005614	12.4	02	57	00.421	+19 51 24.71	494	Virtus	13.7	90	7.7	1.6	3.61	156	164	1
12	6	17	14.6	UCAC4 359-198548	10.4	20	26	55.625	-18 13 39.03	65	Cybele	13.0	269	7.4	2.6	2.02	51	22	6
12	8	25	40.8	UCAC4 686-025885	12.4	03	51	41.155	+47 09 30.81	2892	Filipenko	13.9	60	6.0	1.8	3.92	152	109	25
12	9	25	26.8	UCAC4 566-032416	12.1	06	48	52.290	+23 03 53.16	517	Edith	13.3	94	10.6	1.5	2.67	156	130	35
12	9	27	9.2	UCAC4 560-007036	12.3	03	28	52.102	+21 49 25.38	3548	Eurybates	16.4	67	4.8	4.1	8.26	158	84	36
12	12	19	20.6	TYC 0694-01149-1	12.0	04	40	22.400	+13 45 32.30	655	Briseis	13.9	30	2.7	2.0	8.64	167	64	64
12	13	20	18.7	TYC 7505-01323-1	10.8	22	48	05.490	-30 07 11.58	814	Tauris	13.5	108	3.6	2.8	3.17	72	50	73
12	13	23	11.7	UCAC4 506-028740	12.5	06	38	24.615	+11 05 13.69	713	Luscinia	14.1	103	7.6	1.8	3.47	158	78	74
12	15	26	22.9	UCAC4 617-021153	10.9	05	17	24.185	+33 12 07.11	297	Caecilia	13.9	40	2.8	3.0	8.47	170	36	90
12	20	24	31.5	TYC 0795-00217-1	8.7	08	18	30.160	+09 10 00.64	1760	Sandra	15.9	36	4.2	7.2	9.11	143	24	98
12	21	25	53.3	UCAC4 678-022535	12.3	03	41	20.595	+45 24 58.23	2892	Filipenko	14.1	60	6.5	2.0	4.04	145	55	94
12	21	26	41.8	TYC 3818-00397-1	9.8	10	07	21.076	+57 14 20.10	290	Bruna	14.4	11	1.9	4.6	12.94	125	39	94

月	日	時	分	星名	光度 等	恒星の位置 (J2000.0)				番号	小惑星	光度 等	直径 km	継続時 間(秒)	減光 等	Q	太陽離 角(°)	月離 角(°)	輝面率 (%)		
東京 (JST)						h	m	s	°	'	″										
12	22	27	41.0	TYC 1314-00438-1	11.6	06	14	27.023	+16	26	23.12	32	Pomona	11.0	80	6.6	0.5	3.00	173	39	88
12	24	17	46.1	TYC 1152-01629-1	9.7	22	41	56.527	+08	34	46.55	3614	Tumilty	16.6	56	2.2	6.9	8.56	74	154	77
12	25	27	24.4	HIP 43819	9.1	08	55	27.515	+04	50	04.06	3028	Zhangguoxi	15.4	25	4.0	6.3	12.69	138	37	64
12	26	28	16.8	UCAC4 642-043305	12.3	08	06	55.438	+38	20	39.11	1467	Mashona	14.2	96	6.5	2.1	4.31	153	66	53
12	27	22	16.8	TYC 0598-00913-1	11.6	00	10	34.413	+10	33	02.48	1002	Olbersia	15.8	26	1.4	4.1	12.64	91	166	45
12	27	22	54.9	TYC 2921-01190-1	11.5	05	25	15.976	+43	51	57.86	426	Hippo	12.7	126	9.2	1.5	2.20	156	106	45
12	28	26	44.0	TYC 1874-00679-1	11.2	05	45	49.766	+28	23	15.85	2906	Caltech	14.4	60	3.5	3.3	4.96	169	121	32
12	28	29	25.4	UCAC4 666-035337	10.8	05	15	45.891	+43	05	08.65	934	Thuringia	13.4	58	5.8	2.7	3.55	155	124	31
12	29	22	39.9	TYC 1950-01804-1	10.9	09	03	22.589	+22	57	19.33	2312	Duboshin	16.0	55	5.3	5.1	7.66	146	88	24
12	29	22	41.4	UCAC4-604-033442	12.4	06	30	47.620	+30	42	59.62	1354	Botha	16.4	50	3.0	4.0	8.19	172	122	24
12	31	23	51.5	UCAC4 432-016991	12.2	06	28	42.526	-03	46	26.95	756	Lilliana	15.0	69	4.7	2.9	5.07	153	141	7