

Occultation prediction for Nederland midden

E. Longitude 5 0 0.0, Latitude 52 0 0.0, Alt. 0m;

y	m	d	h	m	s	P	Star No	Sp D	Mag v	Mag r	% ill	Elon Alt	Sun Alt	Moon Az	CA	PA	VA	AA	Libration L	A B	RV "/s	Cct o	durn sec	R.A. (J2000) h m s	Dec o m s	Mdist Mm	SV m/s							
22	Jun	1	21	31	1.0	d	78468cA2		8.2	8.1	5+	26	-11	4	309	83S	94	61	90	-1.5	-4.1	-0.5	-1.2	.567	1.5		6	32	15.3	26	11	6	405.71117.0	
78468 is double: ** 8.8 8.8 0.10" 90.0, dT = +0.18sec																																		
78468 has been reported as non-instantaneous (OCc 63). Observations are highly desired																																		
22	Jun	3	22	55	59.0	D	80105 A0		7.9	7.9	17+	49		4	304	77N	87	53	73	-4.1	-5.5	-0.5	-1.2	.540	18.5		8	20	0.7	23	48	34	404.11116.8	
22	Jun	4	21	8	54.9	d	80626 K0		8.7	8.1	24+	59	-9	23	275	42S	152	111	135	-5.2	-5.9	-0.3	-2.3	.382	-39.1		9	5	52.8	21	3	15	400.0	953.8
22	Jun	4	21	51	56.1	D	80648 K0		8.7	8.2	24+	59		17	283	73S	121	81	104	-5.2	-5.9	-0.2	-1.8	.510	-9.0		9	7	43.5	21	0	32	400.61002.4	
22	Jun	5	13	55	55.1	d	1435wK0		6.5	5.9	31+	67	50	45	123	60N	78	111	58	-5.1	-6.4	+1.3	+1.9	.325	33.4		9	44	30.0	18	51	49	395.8	747.1
1435 is double: AB 6.5 12.6 31" 263.9, dT = -96sec																																		
22	Jun	5	21	35	57.0	d	1456 F2		8.4	8.2	33+	70	-11	23	269	36N	54	14	34	-6.2	-6.0	+1.0	-1.0	.226	62.4		9	55	56.0	17	32	29	396.7	940.1
22	Jun	6	14	2	23.1	d	1544 M2		5.4	4.5v	40+	79	50	36	117	55S	146	180	124	-5.9	-6.2	+0.9	-0.7	.357	-30.6	.01	10	32	11.7	14	8	15	392.6	789.5
R1544 = 46 Leonis																																		
1544 = ES Leo, 5.46 to 5.56, Hp, Type SRB:																																		
22	Jun	6	20	32	1.1	d	99250 M0		8.7	7.9	42+	81	-5	35	242	79S	122	88	101	-6.9	-5.8	+0.7	-1.9	.442	-0.5		10	41	41.8	12	53	4	391.4	838.7
22	Jun	7	21	13	28.5	D	1669pF5		6.7	6.5	53+	93	-9	31	238	58N	82	50	59	-7.4	-5.2	+1.2	-1.4	.338	41.5		11	29	40.0	7	35	58	386.5	844.9
*** A light curve is desired as 1669 is in the Kepler2 program (ID = 201913061)																																		
1669 is double: AB 6.8 13.1 17.9" 282.8, dT = -49sec																																		
22	Jun	8	21	39	35.4	d	119305pA2		8.9	v	63+	105	-11	28	230	52N	76	48	54	-7.6	-4.3	+1.5	-1.2	.308	47.4		12	17	7.6	1	42	45	380.8	838.6
*** A light curve is desired as 119305 is in the Kepler2 program (ID = 201578486)																																		
119305 is double: AB 8.94 12.46 1.91" 176.0, dT = -1sec																																		
119305 is a close double. Observations are highly desired																																		
119305 = HD 106832A, 9.0, range 0.00, 4CR, Type DSCT, Period 0.042765 days																																		
22	Jun	8	22	11	53.9	D	1767kA2		7.6	7.5	63+	105		24	238	52N	77	45	54	-7.7	-4.2	+1.2	-1.4	.324	46.1		12	17	57.5	1	34	31	381.1	863.1
*** A light curve is desired as 1767 is in the Kepler2 program (ID = 201569326)																																		
22	Jun	8	22	57	41.7	d	119325kK0		7.6	7.1	64+	106		18	248	77S	127	92	104	-7.7	-4.2	+0.5	-1.9	.485	-5.7		12	19	1.0	1	9	57	381.6	902.6
*** A light curve is desired as 119325 is in the Kepler2 program (ID = 201541836)																																		
22	Jun	9	18	13	2.5	d	1866SA3		5.8	5.7	72+	116	13	32	158	50S	154	167	132	-6.9	-3.4	+0.6	-1.0	.392	-27.7		12	59	39.5	-3	48	43	375.2	805.4
R1866 = 44 Virginis																																		
1866 is triple: Aa,Ab 5.9 8.3 0.10" 354.7, dT = -0.24sec : AB 5.8 10.3 20.6" 53.9, dT = -9sec																																		
1866 is a close double. Observations are highly desired																																		
22	Jun	9	22	36	11.3	d	139157kK0		8.3	7.7v	74+	118		21	230	77S	126	98	105	-7.4	-3.0	+0.8	-1.7	.468	-4.3		13	6	26.0	-4	50	45	375.1	852.9
*** A light curve is desired as 139157 is in the Kepler2 program (ID = 251498896)																																		
139157 = IS Vir, 8.432, range 0.05, 4V, Type RS, Period 23.50 days																																		
22	Jun	10	1	0	25.8	D	1891SA1		4.4		74+	119		1	259	31S	172	135	152	-7.6	-2.8	+0.2	-2.4	.301	-56.0		13	9	57.0	-5	32	20	376.6	985.1
R1891 = Apami-Atsa = theta Vir.																																		
1891 is quadruple: Aa,Ab 4.49 6.83 0.39" 358.5, dT = -1.3sec : AB 4.4 9.4 6.8" 342.1, dT = -22sec : AC 4.4 10.4 72" 300.0, dT = -145sec																																		
1891 is a close double. Observations are highly desired																																		

day	Time	P	Star	Sp	Mag	Mag	%	Elon	Sun	Moon	CA	PA	VA	AA	Libration	A	B	RV	Cct	durn	R.A. (J2000)	Dec	Mdist	SV									
y	m	d	h	m	s	No	D	v	r	V	ill	Alt	Alt	Az	o	o	o	o	L	B	m/o	m/o	"/s	o	sec	h	m	s	o	m	s	Mm	m/s
22	Jul	7	20	39	41.1	d	X126623p	8.0	7.7	58+	99	-5	22	220	39S	162	139	142	-7.4	-2.0	+0.6	-1.9	.338	-40.9	13	34	17.7	-	8	37	7	376.9	
*** A light curve is desired as X126623 is in the Kepler2 program (ID = 212685307)																																	
X126623 is double: AB 8.1 8.2 1.4" 173.4, dT = +4sec																																	
X126623 is a close double. Observations are highly desired																																	
22	Jul	7	20	39	45.2	d	1948DF8	8.1	7.8	58+	99	-5	22	220	39S	162	139	142	-7.4	-2.0	+0.6	-1.9	.337	-41.0	13	34	17.7	-	8	37	8	376.9	
1948 is double: BA 8.2 8.1 1.4" 353.4, dT = -4sec																																	
1948 is a close double. Observations are highly desired																																	
22	Jul	8	16	29	58.6	d	2053SA1	4.5	4.5s	68+	111	29	18	143	68S	132	154	114	-6.4	-0.9	+0.7	+0.1	.470	-9.0	14	19	6.6	-13	22	16	372.5		
R2053 = lambda Virginis																																	
2053 is quadruple: AB 4.5 13.0, dT = 0.00sec : 4.5 13.0, dT = 0.00sec : AB 4.9 6.3 0.012" 163.7, dT = +0.02sec																																	
2053 is a close double. Observations are highly desired																																	
2053 = NSV 6621, 4.52 to 4.55, V																																	
22	Jul	9	20	6	57.3	d	2189PF5	7.1	6.8	79+	125	-2	18	184	70S	124	122	111	-5.9	+1.1	+1.2	-0.5	.446	-8.0	15	19	50.1	-19	33	1	365.9		
*** A light curve is highly desired as 2189 is in the Kepler2 program (ID = 249675516)																																	
2189 is double: ** 7.8 7.8 0.10" 90.0, dT = +0.19sec																																	
2189 has been reported as non-instantaneous (OCc1475). Observations are highly desired																																	
22	Jul	10	20	51	13.1	D	2347 A4	4.6	4.2s	88+	139	-7	14	181	26S	161	160	153	-4.7	+2.9	+0.8	-0.9	.287	-51.4	16	20	38.2	-24	10	9	361.4		
R2347 = 19 Scorpii																																	
2347 = NSV 7632, 4.52 to 4.58, V																																	
22	Jul	10	21	6	41	d	184337 B6	7.0	7.0	88+	139	-8	14	184	23N	30	27	22	-4.7	+2.9	+3.5	+2.3	.086	79.2	16	21	19.2	-23	42	29	361.4		
22 Jul 10 21 13 4 Gr 184337 B6 7.0 7.0 88+ 139 -8 14 ** GRAZE: CA 11.7N; Dist. 95km in az. 54deg. [Lat = 53.46-0.84(E.Long-5.00)]																																	
22	Jul	10	21	35	28.6	r	2347 A4	4.6	4.2s	88+	139	-11	13	191	-50S	236	229	228	-4.7	+3.0	+1.7	+0.0	.287	-128.7	16	20	38.2	-24	10	9	361.4		
R2347 = 19 Scorpii																																	
2347 = NSV 7632, 4.52 to 4.58, V																																	
22	Jul	14	23	35	53.2	r	3052DK0	6.4		98-	162		12	160	59S	242	255	258	+3.2	+7.5	+1.3	+0.9	.466	-168.9	20	53	1.2	-23	47	0	358.4		
3052 is double: AB 6.57 8.57 1.34" 197.3, dT = -2.1sec																																	
3052 is a close double. Observations are highly desired																																	
22	Jul	16	3	52	54	Gr	3227 K0	6.3	5.8	92-	146		0	17	**	GRAZE: CA 18.4N; Dist.130km in az. 131deg. [Lat = 50.23+0.70(E.Long-5.00)]																	