

Occultation prediction for Nederland midden

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

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
26	May 18 18 47 43	gr	840cK0		6.3	5.5	6+	27	5	28 280	17N	7	323	9	+1.5	-5.5	+9.9+9.9	.000	90.0		5 35 55.5	27 39 44	356.41046.2		
840 is double: ** 7.3 7.3 0.050"																									
840 has been reported as non-instantaneous (OCc1267). Observations are highly desired																									
26	May 18 20 6 20.7	d	77379 A		8.3	8.1v	6+	28	-5	17 293	67N	57	18	60	+1.7	-5.3	+0.2-0.8	.510	39.0		5 40 32.5	27 26 34	357.71138.8		
77379 = V1164 Tau, 8.18 to 8.48, V, Type GCAS																									
26	May 18 20 25 8.4	d	77389 A0		8.1	8.1	6+	28	-7	14 296	27S	144	105	146	+1.7	-5.3	-0.7-2.0	.451	-47.6		5 41 9.2	27 2 44	358.01160.8		
26	May 18 21 8 23.3	D	77466 B9		7.9	7.8	6+	29	-12	9 304	83N	74	39	76	+1.8	-5.2	-0.3-1.0	.644	22.1		5 43 49.0	27 17 46	358.71208.9		
26	May 19 21 12 20.3	D	78792 K0		8.3	7.7	13+	43	-12	16 292	57N	59	19	55	+3.6	-4.4	+0.2-0.9	.459	45.4		6 50 47.9	26 17 58	361.01143.4		
26	May 19 21 38 22.1	D	78817 K7		8.6	7.8	13+	43		12 297	60N	62	24	58	+3.7	-4.3	+0.0-1.0	.498	41.8		6 52 4.4	26 13 6	361.51172.4		
26	May 19 22 6 45.0	D	78824 F0		7.9	7.7	14+	43		8 302	27S	155	119	151	+3.7	-4.3	-0.8-1.8	.421	-52.1		6 52 54.3	25 45 52	362.01203.0		
26	May 20 13 33 37.1	d	1155 F0		6.4	6.2	20+	53	51	55 131	48S	139	170	131	+5.6	-4.0	+1.3-1.1	.379	-35.5		7 38 14.4	24 21 38	360.4 812.8		
26	May 20 14 16 34.3	d	1157 A2		6.2	6.2	20+	53	45	59 147	24S	163	185	155	+5.5	-3.9	+1.1-3.3	.244	-57.7		7 39 12.0	24 13 21	360.3 797.7		
26	May 20 16 56 43	M	1170dG8		3.6	3.1	21+	54	22	58 218	13N	21	357	12	+5.2	-3.7	+9.9+9.9	.000	90.0		7 44 26.8	24 23 53	360.9 827.4		
R1170 = kappa Geminorum																									
1170 is double: AB 3.7 10.0 7.3" 241.1																									
1170 is a close double. Observations are highly desired																									
26	May 20 19 59 27	m	79740cF2		8.5	8.3	22+	56	-4	34 266	13N	22	340	13	+5.1	-3.4	+9.9+9.9	.000	90.0		7 50 44.7	23 47 1	363.4 987.7		
79740 is double: ** 9.2 9.2 0.10" 143.0																									
79740 has been reported as non-instantaneous (OCc 683). Observations are highly desired																									
26	May 20 20 4 43	Gr	79740cF2		8.5	8.3	22+	56	-7	32	** GRAZE: CA 13.7N; Dist.213km in az. 233deg. [Lat = 48.80-0.82(E.Long-5.00)]														
26	May 20 20 38 40.5	d	79765 F8		8.9	8.7	22+	56	-8	28 273	53N	62	20	52	+5.1	-3.3	+0.7-1.0	.377	49.8		7 52 49.4	23 29 58	364.11030.0		
26	May 21 19 59 11.7	d	98153kG0		8.8	8.5	32+	69	-4	38 251	64N	79	41	65	+6.2	-2.0	+1.1-1.2	.396	39.7		8 50 14.7	19 16 34	368.0 918.6		
26	May 21 20 34 35.0	D	1322kA2		6.4	6.4	32+	69	-8	33 258	40S	156	116	141	+6.2	-1.9	-0.1-2.3	.421	-37.8		8 50 45.1	18 49 56	368.7 953.2		
26	May 21 20 55 45.1	D	98182 K0		8.6	7.9	32+	70	-10	30 262	84S	111	71	97	+6.2	-1.9	+0.3-1.7	.541	6.6		8 52 3.6	18 53 39	369.0 974.6		
26	May 21 21 45 57.3	D	98205		8.6	7.8	33+	70		22 272	68N	83	42	69	+6.2	-1.8	+0.3-1.5	.478	33.4		8 53 53.2	18 48 43	370.01028.2		
26	May 21 23 40 12.4	D	1340kA0		6.6	6.6	34+	71		6 293	71N	87	50	72	+6.3	-1.6	-0.3-1.3	.570	26.6		8 58 18.3	18 18 30	372.21149.8		
26	May 22 0 2 5.3	D	1343 M4		6.3	5.5v	34+	71		2 297	89N	105	69	90	+6.3	-1.5	-0.4-1.3	.641	8.4		8 59 10.7	18 8 6	372.61171.4		
1343 = FZ Cnc, 6.28 to 6.38, Hp, Type SRB, Period 17.6 days																									
26	May 22 19 45 27.4	D	1434wM2		5.4	4.5s	43+	82	-2	43 230	70N	89	60	71	+6.9	-0.5	+1.3-1.2	.387	34.4 .01		9 43 43.9	14 1 18	373.1 849.5		
R1434 = psi Leonis																									
1434 is double: AB 5.5 11.6 283" 138.9, dT = +469sec																									
1434 = NSV 4594, 5.35 to 5.39, V, Type LB																									

y	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									
	m	d	h	m	s	No	D	v	r	V	ill	Alt	Alt	Az	o	o	o	o	o	L	B	m/o	m/o	"/s	o	sec	h	m	s	o	m	s	Mm	m/s
26	May	22	19	55	59.9	d	98735	G	8.8	8.6	43+	82	-3	41	233	70S	129	99	111	+6.9	-0.5	+0.7	-1.8	.471	-6.1	9	43	46.5	13	48	10	373.3	857.0	
26	May	22	20	1	14.2	d	98732		8.9	8.1	43+	82	-4	40	234	54S	145	114	127	+6.9	-0.5	+0.5	-2.1	.440	-22.3	9	43	41.6	13	43	45	373.4	861.0	
26	May	22	20	40	37.5	r	1434wM2		5.4	4.5s	43+	82	-8	35	245	-43N	337	302	319	+6.8	-0.4	+0.1	-2.3	.407	145.6	9	43	43.9	14	1	18	374.0	895.3	
R1434 = psi Leonis																																		
1434 is double: AB 5.5 11.6 283" 138.9, dT = +663sec																																		
1434 = NSV 4594, 5.35 to 5.39, V, Type LB																																		
26	May	22	21	16	9.1	d	1437	F0	8.9	8.7	44+	83	-11	30	252	69S	130	93	112	+6.8	-0.3	+0.4	-1.9	.503	-8.7	9	46	2.8	13	27	0	374.6	925.1	
26	May	22	22	8	27.0	D	98773	K0	7.5	6.9	44+	83		23	263	51N	70	31	53	+6.8	-0.2	+0.7	-1.4	.347	49.7	9	47	50.8	13	28	40	375.6	977.1	
26	May	22	23	43	28.2	D	1449	M0	6.5	5.6s	45+	84		8	281	47N	67	28	49	+6.8	+0.0	+0.1	-1.3	.374	50.5	9	51	2.0	13	3	58	377.5	1076.6	
R1449 = 23 Leonis																																		
1449 = NSV 18283, 6.45, range 0.00, 6V, Type VAR, Period 2.82446 days																																		
26	May	23	20	49	6.3	D	118378pK0		8.2	7.7	54+	95	-9	35	231	34N	55	27	35	+7.1	+1.2	+2.7	-0.1	.159	69.6	10	34	53.2	8	3	52	379.5	843.3	
118378 is double: ** 9.3 9.3 0.10" 90.0, dT = +0.5sec																																		
118378 has been reported as non-instantaneous (OCc 178). Observations are highly desired																																		
26	May	24	22	22	8.8	D	1652cG8		5.4	4.9	65+	108		24	239	83N	106	74	84	+6.8	+2.8	+0.8	-1.7	.434	18.2	11	24	2.3	1	24	28	386.1	856.3	
R1652 = 79 Leonis																																		
1652 is double: ** 5.9 6.5 0.003" 155.0, dT = 0.00sec																																		
26	May	24	22	54	32.7	d	118835	K0	8.5	7.9	65+	108		19	246	89N	111	77	90	+6.7	+2.9	+0.6	-1.8	.462	11.3	11	24	50.7	1	14	45	386.7	883.3	
26	May	25	21	41	22.1	D	1747kK0		7.5	7.0	74+	119		28	216	56N	77	56	55	+6.4	+4.1	+1.8	-1.0	.276	48.1	12	8	12.5	-4	17	13	390.1	781.3	
26	May	25	21	52	20.4	d	138604	K0	8.3	7.7	74+	119		27	219	57N	79	56	57	+6.4	+4.1	+1.7	-1.1	.289	46.0	12	8	27.8	-4	20	17	390.3	786.7	
26	May	27	22	24	36.6	d	158072	F5	7.9	7.6	89+	142		20	202	83S	112	98	91	+4.7	+6.2	+1.4	-1.1	.374	8.9	13	39	34.0	-15	36	58	398.2	731.3	
26	May	28	20	24	34.4	d	158538wK1		7.3	6.8	94+	152	-5	16	162	80N	88	100	70	+4.1	+6.8	+1.7	+0.8	.325	32.1	14	24	0.4	-19	48	3	400.9	745.9	
158538 is double: AB 7.4 11.6 40" 286.2, dT = -116sec																																		
26	May	28	21	28	10.1	D	158556WA2		6.8		94+	153	-11	18	177	72N	80	82	62	+3.9	+6.8	+2.0	+0.3	.288	38.9	14	25	27.7	-19	57	57	400.8	719.6	
158556 is double: BA 7.2 6.6 35" 114.8, dT = +99sec																																		
26	May	28	21	29	43.0	D	2066SA1		6.6	6.6	94+	153	-11	18	177	72N	80	82	62	+3.9	+6.9	+2.0	+0.3	.288	38.9	14	25	29.9	-19	58	12	400.8	719.2	
2066 is quadruple: **Aa,Ab 6.8 7.7 0.018" 329.0, dT = -0.02sec : BC 7.16 8.37 1.21" 89.4, dT = +4sec : AB 6.6 7.2 35" 294.8, dT = -99sec																																		
2066 has been reported as non-instantaneous (OCc 204). Observations are highly desired																																		
26	May	29	22	59	45.7	d	183333cA2		7.3	7.2	98+	164		14	187	80N	75	70	60	+2.6	+7.3	+1.9	-0.1	.290	35.8	15	16	48.0	-24	0	36	403.2	699.8	
183333 is double: 7.8 8.2																																		
26	Jun	2	2	23	15.6	r	2586cB3		6.0	6.0	97-	161	-8	7	199	74S	269	256	269	-1.7	+6.8	+1.5	-0.7	.358	173.7	17	58	39.0	-28	45	33	405.3	708.6	
2586 is double: ** 6.3 7.3 0.30" 276.0, dT = -0.8sec																																		
2586 has been reported as non-instantaneous (OCc1519). Observations are highly desired																																		
26	Jun	8	0	26	49.6	R	3360	K3	6.2	5.5	54-	95		3	105	52S	209	246	230	-7.4	-0.1	+0.3	+2.1	.413	-146.7	22	54	34.1	-7	12	17	387.5	929.5	
R3360 = 78 Aquarii																																		
26	Jun	8	1	43	3.9	r	146397kG5		8.1	7.7	53-	94	-11	14	120	35N	303	335	324	-7.5	-0.2	+1.2	+1.2	.204	116.5	22	56	20.4	-6	32	45	386.0	859.1	
26	Jun	8	2	39	19.3	r	146408kF5		8.5	8.3	53-	94	-6	21	133	85S	242	269	263	-7.6	-0.3	+1.0	+1.7	.436	174.9	22	57	43.6	-6	35	9	385.1	817.1	
26	Jun	9	1	53	38.7	r	146862	G5	8.0	7.4	43-	82	-10	14	110	68S	225	260	247	-7.6	-1.6	+0.4	+2.0	.483	-166.0	23	43	18.7	-0	42	29	380.2	918.0	
26	Jun	9	2	21	31.0	R	3500	K5	7.1	6.3	43-	82	-7	18	116	13S	170	204	192	-7.6	-1.7	-0.3	+2.7	.185	-112.4	23	45	0.0	-0	39	37	379.7	894.1	
26	Jun	11	1	4	30.5	r	92383pF8		8.3	8.0	23-	57		3	75	36S	196	233	217	-6.5	-4.1	-0.4	+1.9	.425	-132.5	1	20	49.0	11	27	29	369.8	1127.9	
92383 is double: AB 8.4 10.3 55" 99.0, dT = +16sec																																		

y	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								
	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
26	Jun	18	21	18	5.0	d	98572	G0	8.3	8.0	19+	52	-8	12	279	17S	181	142	165	+6.3	-0.5	-0.6-2.3	.261	-64.6	9	26	49.4	14	55	41	369.01087.7		
26	Jun	18	21	30	17.0	d	98590	G0	8.5	8.2	19+	52	-9	10	281	67N	85	46	68	+6.3	-0.4	+0.0-1.4	.524	31.5	9	28	25.3	15	9	56	369.21099.8		
26	Jun	19	21	9	35.8	d	118218	F5	7.8	7.5	29+	65	-8	16	264	69S	132	94	113	+7.0	+1.1	+0.1-1.9	.537	-12.1	10	19	22.0	9	12	47	374.5	996.6	
26	Jun	19	21	9	44.6	d	118221	K5	8.2	7.5	29+	65	-8	16	264	89S	113	74	93	+7.0	+1.1	+0.2-1.8	.544	7.6	10	19	34.0	9	17	20	374.5	996.7	
26	Jun	19	21	35	53.9	d	118219	F0	8.2	8.0	29+	65	-10	12	269	21S	180	142	161	+7.0	+1.2	-0.4-2.3	.273	-61.0	10	19	25.4	9	0	17	375.11024.5		
26	Jun	19	22	27	38.7	D	1516	K5	6.6	5.8s	29+	66		4	279	83N	105	67	85	+7.0	+1.2	-0.1-1.6	.576	13.0	10	22	14.2	8	57	52	376.11077.5		
							1516 = NSV 18388, 6.72 to 6.81, Hp, Type IB																										
26	Jun	20	21	20	26.1	D	118683p	K0	7.6	7.0	39+	77	-9	17	253	63N	87	50	65	+7.3	+2.7	+0.6-1.7	.412	35.1	11	8	26.7	3	13	22	380.6	930.6	
							118683 is triple: AB 7.7 9.2 145" 226.5, dT = -270sec : AC 7.7 11.9 187" 221.9, dT = -322sec																										
26	Jun	24	20	55	30.1	d	158414d	K0	7.7	7.2	78+	124	-6	17	198	80N	96	84	77	+5.1	+6.9	+1.6-0.8	.345	21.0	14	11	45.9	-19	1	3	399.5	716.0	