



BAV Circular

Heft 2 - 2026

Ephemeriden

Unterlagen für die Planung der Veränderlichenbeobachtungen, Informationen zu allen BAV-Programmen und Empfehlungen zur Beobachtung

Julianisches Datum 2026

	Jan	Feb	Mrz	Apl	Mai	Jun	Jul	Aug	Spt	Okt	Nov	Dez
2461 000 +	041	072	100	131	161	192	222	253	284	314	345	375

jeweils für den Nullten des Monats um 12 Uhr Weltzeit

Umwandlung von Julianischen Tagesbruchteilen in MEZ

JD	.00d	.10d	.20d	.30d	.40d	.50d	.60d	.70d	.80d	.90d
.00d	13 00	15 24	17 48	20 12	22 36	01 00	03 24	05 48	08 12	10 36
.01	13 14	15 38	18 02	20 26	22 50	01 14	03 38	06 02	08 26	10 50
.02	13 29	15 53	18 17	20 41	23 05	01 29	03 53	06 17	08 41	11 05
.03	13 43	16 07	18 31	20 55	23 19	01 43	04 07	06 31	08 55	11 19
.04	13 58	16 22	18 46	21 10	23 34	01 58	04 22	06 46	09 10	11 34
.05	14 12	16 36	19 00	21 24	23 48	02 12	04 36	07 00	09 24	11 48
.06	14 26	16 50	19 14	21 38	00 02	02 26	04 50	07 14	09 38	12 02
.07	14 41	17 05	19 29	21 53	00 17	02 41	05 05	07 29	09 53	12 17
.08	14 55	17 19	19 43	22 07	00 31	02 55	05 19	07 43	10 07	12 31
.09	15 10	17 34	19 58	22 22	00 46	03 10	05 34	07 58	10 22	12 46

Alle Vorhersagen (Ephemeriden) in Heft 2 sind in MEZ angegeben.

Während der Sommerzeit muss daher bei den Ephemeriden eine Stunde hinzugerechnet werden, um zur dazugehörigen Uhrzeit zu gelangen.

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- 2 Veränderungen gegenüber dem Vorjahr und Erläuterung der Ephemeriden-Tabelle
- 4 Ephemeriden für die BAV-Programme
 - Bedeckungsveränderliche "Standardprogramm 2010" S10
 - Bedeckungsveränderliche "Langperiodische 2010" L10
 - Bedeckungsveränderliche "Erwünschte Beobachtungen"
 - Selten beobachtete Sterne E10S
 - Die Elemente sind unbekannt oder fraglich E10U
 - Der Stern hat eine exzentrische Bahn mit Apsidendrehung E10X
 - Das (B-R)-Diagramm zeigt sehr viel Dynamik E10D
 - RR-Lyrae-Sterne Standardprogramm RR
 - RR-Lyrae-Sterne Programm 1990 90
- 74 Ephemeriden für das BAV-Programm Mirasterne

Veränderungen gegenüber dem Vorjahr

Aktuelle Daten für E0 und P wurden teilweise von Paschke, Anton und Maintz, Gisela übernommen

Erläuterung der Ephemeriden-Tabelle

Ephemeriden für Bedeckungsveränderliche und RR-Lyrae-Sterne (ab Seite 4)

Die Tabelle ist nach Monaten gegliedert. In den Zeilen sind jeweils die Veränderlichen, in den Spalten die Tage des Monats dargestellt.
Für Bedeckungsveränderliche werden die Zeitpunkte der Minima und für RR-Lyrae-Sterne die Zeitpunkte der Maxima angegeben.

Nach dem Sternnamen wird der Kürzel für das BAV-Beobachtungsprogramm angegeben. Es folgt die Spalte "P" mit einer Beobachtungspriorität.
Vorhersagen werden angegeben, wenn die Minima bzw. Maxima nach Sonnenuntergang bzw. vor Sonnenaufgang eintreten und der Veränderliche dann eine Höhe von mindestens 20 Grad über dem Horizont hat. Die Vorhersagen wurden für einen mittleren Ort in Deutschland (10 Grad östliche Länge, 50 Grad nördliche Breite) berechnet .

In den letzten Zeilen jeder Seite wird für jeden Tag das Julianische Datum angegeben.

Priorität

- 1 = Der Stern wurde noch nie innerhalb der BAV beobachtet
- 2 = Der Stern wurde seit über 2000 Tagen (rund 6 Jahre) nicht mehr innerhalb der BAV beobachtet
- 3 = Der Stern wurde seit über 1000 Tagen (rund 3 Jahre) nicht mehr innerhalb der BAV beobachtet

Tagesbruchteile

In der Spalte des Tages sind Julianische Tagesbruchteile (TB) eingetragen, die zum Teil (bei einem Tagesbruchteil größer 46) für den folgenden bürgerlichen Tag gelten.
Damit aber alle Erscheinungen einer Nacht in einer Spalte stehen, wird so getan, als ob um Mitternacht kein bürgerlicher Datumswchsel stattfindet.
Eine Tabelle zur Umrechnung der Tagesbruchteile in MEZ befindet sich auf der Titelseite.

Impressum

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Erläuterung der Ephemeriden-Tabelle

zu Ephemeriden für Bedeckungsveränderliche und RR-Lyrae-Sterne (ab Seite 4)

Zusätzliche Kennzeichen

- +** Sind aufgrund der Kürze der Periode mehrere Erscheinungen pro Nacht sichtbar, wurde hinter die Vorhersage ein " + " gesetzt.
- s** Ein Nebenminimum wird durch "s" hinter dem Tagesbruchteil markiert.
- \ /** Bei Bedeckungsveränderlichen vom Typ Algol, bei denen die Bedeckung länger als 36 Stunden dauert, werden neben dem Zeitpunkt des Minimums weitere Angaben gemacht: Der Beginn des Abstiegs wird zeitlich angegeben, gekennzeichnet durch ein "\ " hinter dem Tagesbruchteil. Während des weiteren Abstiegs wird das Zeichen "/" weiterhin angegeben. Beim Anstieg wird entsprechend mit dem Kennzeichen "/" verfahren.
- \ /** Bei Beta-Lyrae-Sternen mit einer Periode länger als 16 Tage, wird nach der Hälfte des Abstiegs zusätzlich während des gesamten weiteren Abstiegs das Zeichen "/" angegeben. Beim Anstieg wird entsprechend mit dem Kennzeichen "/" verfahren.

Beispiel an Hand eines Ausschnitt aus der Tabelle vom Januar

2010	Jan	1	2	3	4	5	15	16	17	18	19
Ari	X RR		30		25		32		27		23
Ari	RS L10				20						
Ari	AL E10				34						
Aur	TZ 90	20+	38+	55	34+	51	30+	48	26+	44	22+
Aur	CQ L10				6						00s
Aur	IY E10			50					47		
Boo	TW 90	57	63	70	76		57+	47	53	60	45+
Boo	AC E10	65	53+	59+	64s	52+	75	45+	51+	57+	
Cam	SS E10	28		70s			23+			16s	38+
Cnc	RZ L10				72\	\	34	\	97/		

Beispiele

Lösungen

Spalte	Angabe	Datum	MEZ	Bemerkungen
4	20	4.1.	17:48	Minimum von RS Ari
17	26+	17.1.	19:14	Maximum von TZ Aur, weitere sind in der Nacht sichtbar (+)
3	50	3.1.	01:00	Minimum von IY Aur in der Nacht vom 3. / 4.1.
4	64s	4.1.	04:22	Nebenminimum (s) von AC Boo in der Nacht vom 4. / 5.1.
15	72\	15.1.	06:17	Der Abstieg beginnt am 15.1. um 6:17, am 16.1. dauert der Abstieg an, das Minimum ist am 17.1. um 21:10, der Anstieg endet am 18.1. um 10:50.
16	\			
17	34	17.1.	21:10	
18	97/	18.1.	10:50	

Ephemeriden für Mirasterne (auf den letzten beiden Seiten)

Kopfzeilen Unter der Abkürzung des Monatsnamens geben die Zahlen " 123 " die Dekaden des Monats an.

M Ein Maximum wird vorhergesagt

m Ein Minimum wird vorhergesagt

2026 Jan	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
And SW RR				36	24		45	34	22	43	32	20	41	30			39	28				37	26			35	24		33	22		
And SY L10 1							12\	17	22\																							
And TW S10 3						24s		30	37s		43																					
And XX 90 2			32	48	21			38		27		43		33			49	22	38				28	44			34				23	
And CD L10 2																						56\	63	/	69\							
And OV 90 3		50	45	39	33		27	21			45	39	33	27	21						44	39	33	27	21			39	33	27	21	
Aqr SW RR 2				22						19																						
Aqr SX 90 2					20														20													
Aqr CD E10S 2					8				92																							
Aqr HH 90 2									19				21																			
Aqr LL L10 2										15												24s										
Aql V0889 L10 3										91s												3s										
Aql V1353 E10S 2																							77s					72				
Aql V1426 E10S 2							45s	4+ 21+	39+	56	15+	32+	50s	9+	26+	44	2+	20+	37+	55s	14+	31+	49	8+	25+	43s	1+	19+	36+	54	13+	
Ari X RR 3	23		19	49			44	40	35			30	26			21		47				42	37	33			28	23				
Ari RS L10 2					51								31										11								91	
Ari AL E10S 2							32															31										
Aur TZ 90 3	38+	56	34+	51	30+		47	26+	43	21+	39	56	35+	52	31+	48	26+	44	22+	40	57	36	53	31+	49	27+	45	23+	41	58	36	54
Aur CQ L10 2			77						8s					39										2						33s		
Aur IY E10S 2				24								62		42			21							59				38				
Aur V0432 E10S 2					25s				33s		42s		50s				58s						20		28			37			45	
Aur epsil zeta																																
Boo RS RR 2	68		57	70			58	72		60	74	62	75	51	64	77	53	66		55		68		56	70	58	72	47	60	73	49	
Boo TW 90 3				55	61		68	74				53	60	66	73				45	52		58	65	71			44	50	57	63	69	
Boo UU 90 3	71	63					74	65	57		77	68	59				71	62	53				73	65	56		76	67	59	50		
Boo UY 90 2	60								76	71		67	62				57	52					78	73	68		64	59			54	
Boo AC E10D 3	60+	65	53+	59+	47+	53+	58+	46+	59+	47+	53+	58+	46+	52+	58+	46+	51+	57+	45+	58+	46+	51+	57+	45+	51+	56+	44+	50+	56+	44+	50+	55+
Boo CM 90 2			76	58					63			68		72			55	77	59				64		68		51	73	56	77		
Boo CQ 90 2		64	77	62	74		59	72	69		66	64	76	61	74	58	71	56	68			66	66	63	76		60	73	58	70	55	68
Cam SS E10S 2		60			1s		42	83s			24	65s					7	48s				89		30s		71		12s			53	
Cam SV S10 3	43+	32+	21+	39+	28+		47+	36+	25+	43+	32+	21+	40+	29+	47+	36+	25+	44+	33+	22+	40+	29+	48+	37+	26+	45+	33+	22+	41+	30+	49s	38+
Cam AK E10S 3	26	37s	49	60s	71							28s	40	51s	62	74s							30	42s	53	64s	76			21	32s	
Cam AN L10 3	26	37s	49	60s	71							28s	40	51s	62	74s							30	42s	53	64s	76			21	32s	
Cam AT E10S 3		51s	21	60	30s		70s	39	79	49s	19	58	28s	68s	37	77	47s	56	26s	65s		35	75	45s	54		24s	63s	33	73	43s	
Cnc S L10 3							19								67										16							
Cnc RU L10 2			38									55											72									
Cnc RW 90 2	33	43	52	61	71		35	45	54	63	73	37	46	56			65	75	29	39	48	58	67	77	31	41	50	60	69	33	43	
Cnc RZ L10 2														35\			98	/	60\								18\	80s	/	42\		
JD 610 ...		42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72

2026 Jan	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Cnc TT	90	3	40	53	66		35	47	60	73		42	54	67	36		49	62	31	43		56	69	38	50	63	32	45	57						
Cnc TU	E10S	3	5					62					18				74						30				86								
Cnc TW	L10	2																																	
Cnc UU	L10	2																																	
Cnc ZZ	L10	2																							61	9	11/								
Cnc AQ	90	2	63	72	37	47	56	66	76	40		50	60	69	34		44	53	63	73		37	47	57	66	31	41	50	60	70					
CVn W	90	2		49	59	69			56	66		76		52	63		73		49	59		70		45	56	66	76	42	52		63				
CVn Z	90	2	65	61			57	54	50			46	77	42	73		38	69	65			61	57	54		50	46	77		42					
CVn RS	S10	2					54s					74					53							73s							53s				
CVn RZ	90	2	62	75	59		72		56	70			53	67			50	64	77			48	61	75	45	58	72	42	55		69				
CMa R	S10	2	49				46s		44				41s				39						50s				48				45s				
CMi AM	E10S	2																									29	31	33	35		37			
Cas RX	L10	2										24																							
Cas RZ	S10	3	23	42	62				20	40		59					37	57	76				35	55	74										
Cas SX	L10	2												62\			\	45	/	28/															
Cas TV	S10	3	66	47	28							53	34				78				59	41	22												
Cas TW	S10	3	27	70	55		41				27	70	55				41				27	69	55				41				26				
Cas TX	E10S	2	33				26	72s	19	65s			58s			50s		43s				36s		28s		75	21s	67							
Cas AQ	L10	2			34\		39	45/			20\	25s	31/				6\	11	17/			92\	97s	/	3/		78\	83	89/						
Cas BM	L10	2																																	
Cas DN	E10S	3	21	36s	52	67s				30s		45	61s	76			23s	38	54s	69					32	47s	63								
Cas GG	E10S	2					41															44													
Cas GU	E10U	3																						28		38						47			
Cas IL	E10S	2		77				23		68							58							48										39	
Cas IT	E10X	3	26s	77				23		68							58							48										39	
Cas OX	E10X	3	60+				58+				56+						54+					52+				49+							47+		
Cas PV	E10X	3	60+	70s			58+	20s			56+	46s	21s				54+	71s	46s			52+	21s		71s	49+	46s	21s					47+		
Cas V0368	E10S	2	79				24	47s	70								37s	60								28s	50								
Cas V0375	E10D	2	71	44s	65	39s	60	34s	55		29s	76s	50	23s	71s		44	65s	39			60s	34	55s	28	76	49s	23	70	44s					
Cas V0381	E10X	3	71	44s	65+	39s	24s	60	34s	55	29+	76s	50+	23s	71s		44	65+	39	21s		60s	34	55s	28+	76	49s	23	70	44s					
Cas V0459	L10	3		50			24	30s			48	23					76s	47	21							45+									
Cep RZ	90		20+	44+	36+	29+	22+	45+	38+	30+	23+	46+	39+	32+	24+	48	40+	33+	26+	49	42+	34+	27+	50	43+	35+	28+	21+	44+	37+	29+	22+	45+		
Cep VW	S10	3	31+	28+	25+	23+	20+	32+	29+	26+	24+	21+	19+	30+	27+	25+	22+	20+	31+	28+	26+	23+	20+	32+	29+	27+	24+	21+	33+	30+	28+	25+	22+		
Cep XX	S10	3	20	54				21	55				23				56						24	58			25							59	
Cep XY	E10S	2	26						58				35									68		45			23								
Cep ZZ	S10	2						23	37			51	65										22	36			50	65							
Cep AI	E10S	2	70s										27	38s									72												
Cep CW	E10X	3	74+			47+		20+					66+				39+								57+		30+								
Cep EI	L10	2			62s			84					6s				28					50s		72				94s							
JD	610	...	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		

2026 Jan	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Cep EX L10	2											91															35							
Cep NN E10S	2																22s	24	27s	30	33s	36	39s	42	45s	48	51s	54	57s	59	62s	65		
Cet RR RR	2			19	30		40				27	38			25		36				23	33			21	31						29		
Cet RV 90	2			33	20				32	19			31						29					28					27					
Cet TU E10S	2	6			45				84				24						63					2			41					80		
Cet TV L10	2							31+									41+								52+									
Cet XY E10S	3							27s				44		22					39s															
Com S 90	2	60	77		53	71		47	64			57	75	51	68		44	61				55	72		48	65		41	58	76		52		
Com ST 90	2	59	79		59	78		58	78	57		77	57	77			56	76		56	76		55	75	55		75	54	74			54		
CrB U S10	2					77						67																						
CrB RV 90	3																												77	77		76		
Crt W 90	2	64		70				65					59	65								60		66			60							
Cyg Y S10	3	64		70+			27s	65	27s			27s	59	65+			26s					60	26s	66	25s		60+			24s				
Cyg UY RR	2			30			22				27											24							21+					
Cyg XZ RR	2	20+	60		40		33	26+	20+	59			33	26+	66		59					33	26+	66	59			33	26+	66	59		52	
Cyg BO E10S	2				36s	24						26		78							29						31							
Cyg BR E10S	3	21s		21	21s			20	20s		20	20s		20			20s		20			20s		20										
Cyg DM RR	2		23	33			27	79	21			31		25								28			22			26						
Cyg EM K10	2			75	21+		25		74			77		23			72		75			21		70		74		77					68	
Cyg V0367 L10	2		\	\			17	/	/			\	\	47s	/	/						\	\	77	/	/								
Cyg V0463 E10S	2											77																		71	77s			
Cyg V0477 E10X	3			24s								77	74s									78s								71	77s			
Cyg V0541 L10	3						25+																											
Cyg V0548 E10S	3			78	68s		39	29s	20			71s	61				32s	22					59+		74s	64		25					76s	
Cyg V0788 L10	2																												65	60	56/			
Cyg V0891 E10S	2				20								73																					
Cyg V0909 E10S	3		19s						21								22s																	
Cyg V1061 E10S	2							20						24															32		66			
Cyg V1918 E10D	2	29+	32+	35+		21+	24+	28+	31+	34+	79	20+	23+	27+	30+	75	78s	61s	23+	26+	29+	74s	77	60	22+	25+	28+	73	76s	59s	21+	24+		
Del DX 90	2						21																											
Dra RW RR	2	48		25+	58	46	79	24+	56	45	78	22+	55	44	77	21+	54	42	75	64	52	41	74	62	51	40	72	61	50	38	71		60	
Dra SU RR	3	59	25	57	23	55	21	53	19	51		49	48		46		78	44	76	42	74	40	72	38	70	36	68	34	66	33	65		31	
Dra SW RR	3	24	38	52	66	23	37	51	65	22+	36	50	64	21+	35	49	63	76	33	47	61	75	32	46	60	74	31	45	59	73	30		44	
Dra TZ E10D	3	79s	22+		26+			72s				75	62	78s	21+						68		71s	58s	74	61		77s	21+				67	
Dra VZ 90	3	48	44+	73	69	65	29+	26+	22+	50	47+	43+	71	68	64	60	24+	21+	49	45+	42+	38+	66	63	59	23+	52	48	44+	41+	37+		65	
Dra WW S10	3			31								57										20						46						
Dra XZ RR	53	49	44	39	34		30+	25+	20+	63	59	54	49	44	40	35	30+	26+	21+	64	59	54	50	45	40	36	31	26+	22+	65	60		55	
Dra AI S10	3			71					70					50	70														69					48
Dra BF L10	3			71+					70					50+	70													69						48
JD 610 ...		42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71		72	

2026 Jan	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Dra BK	90	2	61	21	39	57	76	35	53	72	31	49	68	27	45	64	23	42	60	78	38	56	74	34	52	70	30	48	66	26	44	63	22	
Dra BU	E10S	3				20									77	73s	69	64s	60	56s	51	47s	43	39s	34									
Dra DD	90	3	19+	49	47	46+	44+	42+	40+	38+	36+	34+	32+	30+	28+	26+	24+	22+	20+	51	49	47	45+	43+	41+	39+	37+	35+	33+	31+	29+	27+	25+	
Dra EX	K10	2	35+	19+	24+	29+	34+	39+	23+	28+	33+	38+	22+	27+	32+	37+	21+	26+	31+	36+	20+	25+	30+	35+	40+	24+	29+	34+	39+	23+	28+	33+	37+	
Dra GV	L10	2																							45									
Equ S	S10	3				20																												
Eri SV	90	2		29				29					28					28					28				28							
Gem U	K10	2	46+	34+	40+	29+	35+	41+	30+	36+	42+	30+	37+	43+	31+	37+	26+	32+	38+	26+	33+	39+	27+	33+	40+	28+	34+	23+	29+	35+	23+	29+	36+	
Gem RR	90	2	36+	55	34+	53	33+	52	32+	51	30+	49	29+	48	28+	47	26+	45	25+	44	23+	43	22+	41	21+	40	59	39	58	37	57	36	55	
Gem RY	L10	2					28					93s					58					23s					88						53s	
Gem SV	E10S	1	25				25			26			27				27					28				29							29	
Gem SZ	90	3	67	67	67	68	68	68	68	69	69	69	69	69	70	70	70	70										23	23	23	23		24	
Gem WW	E10S	2	28s	52s		38	61	23s	47s		33	56	42s		28	52		37s	61s	23	47		32s	56s		42		27s	51s		37			
Gem YY	S10	2	29+	51s	33+	55	36	58s	40s	62	43	25+	47s	28+	50	32+	54s	35s	58	39	20+	43s	24+	46	28+	50s	31s	53	35	57s	38s	60	42	
Gem OW	L10	2																																
Her TW	RR	2	69		69		69		68		68		68		68		68		67		67		67		67		67		66		66			
Her TX	S10	3				20												59s	62	65s	68	71s	74	77s										
Her UX	E10D	2											77									74s					71							
Her VX	RR	2				73					73		65			74		65			75		66			76	67	58			77		68	
Her VZ	90	2	70		79	67		75	63				71	59				67			76	64			72	60							65	
Her AK	S10	3		72s	78		73	78s		68		73s		68s	74			69	74s				64	69s	74	64s	70	75s		65	70s		75	
Her AR	90	3	77	70	64	58	52		75	69		63	57	51			74	68	62	56		50			73	67	61	55	49					
Her AW	L10	2				83																	44											24
Her DI	L10	3		30s	83										63+								44		40s								24	
Her GU	E10U	2		69s													72s										58		75s					
Her LV	L10	2		69s													72s										58		75s					
Hya SZ	90	2	59	67			50	58	65						49	56	63						47	54	62									
Hya WZ	90	2			54	62	70				53	61						53	60							52	59						51	
Hya AI	L10	2						62+									91+									20+								
Hya ET	90	2		47	53		58		64						44		49	55		61						41		46		52			57	
Lac RW	L10	3				81s											18s										55s							
Lac SW	S10	3	31	27+	23+	19+	32s	28s	24+	20+	33	29	25	21+	33s	30s	26s	22+	34	31	27	23	35s	32s	28s	24s	36	32	29	25	21	33s	30s	
Lac UW	E10S	3										8					37						66				95							
Lac CO	E10X	3				24+		78+		33+		41+			50+										21+	75+	29+		37+				46+	
Lac V0345	E10X	3	15+							64+							13+																	12+
Lac V0364	E10X	2	15+							64+							13+													22s				12+
Leo RR	RR	2	54	44		71	61	51	42	78	68	59	49	40	75	66	56	47	37	73	63	54	44	35	71	61	52	42	33	68	59	49	40	
Leo SS	RR	2	57			70		58		71		59			72		60		48	73			61		49	74	62		50				63	
Leo ST	RR	3	63	59	54	50				76	71	67	63	58	54	49	45					75	71	66	62	58	53	49	44					75
JD	610	...	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	

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Leo	AG	E10S	2				72s		42				51s					60					69s	38				47s							
Leo	AM	S10	3	64	55+	47+	56+	48+	58+	49+	59+	50+	60+	51+	43+	53+	44+	54+	45+	55+	46+	56+	48+	57+	49+	40+	50+	41+	51+	43+	52+	44+	54+	45+	
Leo	FM	E10U	2			53s								62									72s									44s			
Lyn	TY	E10S	2											47													47								
Lyn	CD	E10S	2		41s		69					24									34		61s						44			71s			
Lyr	RR	RR	3	74	30				70	27		67	24				21+				74			71				68					64		
Lyr	RZ	90	2						19+	21+	75	77	79															64	66	69	71		73		
Lyr	UZ	S10	3	27s	22							78	73s																75s	69	64s				
Lyr	CN	90	2			71			76				70	76							69	75						74							
Lyr	EZ	RR	2		20+	25+							70	75									63	68	73										
Lyr	IO	90	2		74					20+			66				70				74		63	78			67					71			
Lyr	beta											30						77s					24								71s				
Mon	UX	E10S	2		58				53s		48		43s		39						34s		29		24s			19				15s			
Mon	VV	E10S	2			92			95s		97			00s					2			5s		7			10s			12					
Mon	AQ	E10S	2			59s				40				50									40s					50s					31		
Mon	AR	L10	1					21	90/									81	66s	51/							42	26	11/						
Mon	AT	E10S	2																				33		36			39		42			45		
Mon	AV	E10S	2	81			28s			76			23s		70							18s		65			13s			60					
Mon	EZ	E10U	2	44	38+	51s	45	39+	52s	46	40+	34+	47	41+	35+	47	42s	36+	48	42s	37+	31+	43s	37+	31+	44s	38	32+	45s	39	33+	27+	40	34+	
Mon	IL	E10S	2			10				13			15					18				20				23			26						
Mon	V0448	E10S	2	56		35s	47s		59s		39	51		30s	42s	54s						34	45	57		37s	49s		28	40	52				
Mon	V0530	E10U	2	37+	42	47	52	31+	36+	41s	46s	52s	30+	35+	41	46	51	30+	35+	40s	45s	50s	29+	34	39	44	49	28+	33s	38s	43s	49s	27+	32	
Mon	V0634	E10U	2										32		43							55													
Oph	U	ST	2			74s								77s																	74				
Oph	ST	90	2								76												72					77						72	
Ori	Z	E10S	2			45					65												6					26						47	
Ori	BM	E10S	2	23					70					17									65					12							
Ori	CP	E10S	2			15					47												11				43							76	
Ori	DN	L10	2	23																									16						
Ori	EW	E10X	2					31+								24+																			
Ori	FO	L10	2													53																			
Ori	FT	E10X	2						23s		38s			53s	53																28s				
Ori	GG	E10X	2						23		38			53								30s								28					
Ori	V0536	E10S	2						26		42																	24			40				
Ori	V1016	L10	2																																
Ori	V1031	E10S	2										36s						46						28				38s						
Peg	U	S10	2	25s	19+	31	25s	37s	31	25s	37s	31	24s	37s	31	24s	37s	30	24s				30	24s		30	24s		30	23s		29		23s	
Peg	VV	RR	2																																
Peg	VW	L10	2																																
JD	610	...		42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	

2026 Jan	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Peg AV	RR	3		29		24		19				27		22								25		20							23			
Peg AW	L10	2			62					93s				24						55s				86								17s		
Peg BH	90	2	22						27		19			32			24							29		22								
Peg BK	E10S	3										21s																						
Peg CG	90	2		33	26	20						27					28	21							22									
Peg DF	L10	3									13													83										
Peg DH	RR	2				20	22	24	26								20	23	25									21						
Peg GH	E10S	2			28								22s																					
Peg IP	K10	2	24	19+	29	24	19+	30	25	20+	31	25	20	31	26	21	32	27	22	32	27	22		33	28	23		28	23	29	24	30		
Per RW	L10	2										10														30								
Per RY	E10S	2			37							23											53s					39s						
Per AG	E10X	2			37							23											53s					39s						
Per AR	90	2	52	38	23+	50	35	21+	48	33	61	46	31	59	44	29	57	42	27	55	40	25		52	38	23	50	35	21+	48	33	61	46	
Per AY	L10	2			27												5											82						
Per IQ	E10X	2	56+		30+				53+		28+					51+		25+						48+		23+				46+				
Per KN	E10U	3	39+	26+	34+	21+	29+	38+	24+	33+	19+	28+	36+	22+	31+	39s	26+	34+	21+	29+	37	24+	32+	41	27+	35+	22+	30+	39s	25+	34+	42s	29+	
Per LX	L10	2	77			79s			81					83s			85						87s		89				91s					
Per beta				41s		28s			58				45			31								48s		35s		22s						
Psc RU	90	2	26	43	21	38		33	28	45	24	41		36		31		26	43	21	39			34	29		24	41		36		32		
Psc RY	90	2	27	33						22	28																23							
Psc SS	90	2	33	19+	34	20	36	22	37	23	39	25	40	26	41	28	43	29		31		32		34	20	35	21	36	23	38	24	39	26	
Ser VY	RR	2				69						68														68								
Ser AN	90		79									66	71	75										63	67	71	76							
Ser BH	90	2	70		74	61		78	65				70			74	61	78	65					69	56	73	60	77	64				68	
Ser EG	L10	2		32					29s								27										21			19s				
Ser LX	K10	3	66	77	72	67	62+	73	68	63+	74	69	64	59+	70	65	60+	71	66	61+	72	67		62+	57+	68	63	58+	69	64	59+	54+	65	60+
Sex T	90	3	45	75	72	69	67	64	62	59	56	54	51	49	46	44	41	71	68	66	63	60		58	55	53	50	48	45	42	40	37	67	64
Tau RW	S10	2	54			31										38												46			23			
Tau CD	S10	2		39s				54		26s						41												44s						
Tau EN	E10S	3		41	65s				36	60s							32	56s													43s			
Tau V1094	L10	2				18+																	15+										14+	
Tri X	S10	3	41	38	35	33	30	27	24	21																								
Tri RU	E10S	2						32					22s			49s					39						30s							
Tri UX	90	2		50	43	37		30	23		50		44	37	30	24					44	37	31	24			44	38	31	25				
UMa W	S10	3	33+	33+	33+	33+	34+	34+	34+	34+	34+	34+	34+	34+	34+	34+	34+	35+	35+	35+	35+	35+		35+	35+	35+	35+	35+	35+	36+	36+	36+	36+	36+
UMa RV	RR	2	44	38	78	72	65	59	53	46	40		74	68	61	55	48	42	36	76	70	63		57	50	44	38	31	72	65	59	53	46	40
UMa RW	E10S	2						70s			36														36s					68s				
UMa TU	RR	3		46	58	69			48	60	71		39	50	62	73		40	52	64	75			42	54	65	77	44	56	67	35		46	
UMa TX	S10	2		63		70				76																								
JD 610	...		42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61		62	63	64	65	66	67	68	69	70	71	72

2026 Feb	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Boo UY	90	2	49		75		70	65		61	56	51		47		72		67	62		58	53														
Boo AC	E10D	3	44+	49+	55+	43+	49+	55+	43+	48+	54+	42+	48+	54+	42+	48+	53+	41+	47+	35+	41+	47+	35+	41+	46+	34+	40+	46+	34+	40+						
Boo CM	90	2	60		65		47	69	52	74	57			61	44	66		48	70		53	57														
Boo CQ	90		52	65	62	75	60	72	57	70	54	67	52	64	49	62	75	59	72	56	69	54	66	51	64	48	61	46	58							
Cam SS	E10S	2	95s		36		77s		18		59s		0	41s	83		24s	65		6s																
Cam SV	S10	3	27+	45+	34+	23+	42+	31+	49	38+	27+	46+	35+	24+	42+	31+	50s	39+	28+	46s	35+	24+	43+	32+	51	40+	29+	47	36+	25+						
Cam AK	E10S	3	44	55s	66				23s	34	46s	57	68s					25	36s	48	59s	71														
Cam AN	L10	3	44	55s	66				23s	34	46s	57	68s					25	36s	48	59s	71														
Cam AT	E10S	3	52	22s	61s	31	71	41s	50	59s	29	69	38s	48			57s	27	67	36s		46	55s	25	65	34s										
Cnc S	L10	3		64								13									61															
Cnc RU	L10	2	90									7										24														
Cnc RW	90	2	52	62	71	26	35	45	54	64	28	37	47	56	66		30	39	49	58	67		32	41	50	60				34						
Cnc RZ	L10	2			00\		\ 62 / 24/										82\	\ 44s / 6/											64\							
Cnc TT	90	3	27	39	52	65		34	46	59	28	41	53			35	48	61	30	42		55	24	37	49				31							
Cnc TU	E10S	3			42				98							55						11						67								
Cnc TW	L10	2			66\		72	78/																												
Cnc UU	L10	2						18											/	/																
Cnc ZZ	L10	2																																		
Cnc AQ	90	2	34	44	54	63		28	38	47	57	67		31	41	51	60		25	35	44	54	64	28	38	48	57									
CVn W	90	2	73			49	59	70		46	56	66		63	73	39	49	63	73	39	49	59	70	35	46	56	66									
CVn Z	90	2	73	38	69	34	65		61	58		54	50	46				42	73	38	69	34	65	31	61	27	58	54								
CVn RS	S10	2					72					52							72s				52s													
CVn RZ	90	2		53	66			50	63			47	60	74	44		58	71		41	55	68	39	52	65		36	49								
CMa R	S10	2			43				40s				38				36s				33			31s				28								
CMi AM	E10S	2	39	41	43	45	47	48	50	52	54	56																								
Cas RX	L10	2	/					\ \				57		/	/											\										
Cas RZ	S10	3		30	50	69			28	47		67		26			45	65					43	62					40							
Cas SX	L10	2																				19\	\ 2	85/												
Cas TV	S10	3	47		28				72	53		35										41							66							
Cas TW	S10	3	69		55			41		26	69		55				40		26		69						40									
Cas TX	E10S	2	60		53			45		38		31				24	70s		63s				55s				48s									
Cas AQ	L10	2		64\	69s	75/			50\	55	61/			36\		42s	47/					22\	28	33/												
Cas BM	L10	2												83																						
Cas DN	E10S	3	25	41s	56	72s			34s	49	65s					27s	43	58s	74					36	51s	67										
Cas GG	E10S	2			48				24							75			51						27											
Cas GU	E10U	3					75																					31								
Cas IL	E10S	2					29			74							65							55												
Cas IT	E10X	3	43s			33s		29		23s	74						65							55				71s								
Cas OX	E10X	3			45+					43+						41+						39+					37+									
JD 610	..		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99							
JD 611	..																												0	1	2	3				

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Cas PV E10X 3		71s	46s	45+			71s	43+				41+					46s	39+			72s			37+											
Cas V0368 E10S 2							41	63s					31			54s											44s								
Cas V0375 E10D 2		65	39s	60	33s		54	28s	75s	49		23s	70s	44		65s	38	59s	33			54s	28		49s			70	44s						
Cas V0381 E10X 3		65+	39s	60	33s		54	28+	75s	49		23s	70s	44		65+	38	59s	33			54s	28+		49s		70	44s							
Cas V0459 L10 3		43	68s					42				14s				40					60s			38							5s				
Cep RZ 90		38+	31+	23+	47	39+	32+	25+	48	41+	33+	26+	49	42+	35+	27+	51	43+	36+	28+	52	45	37+	30+	53	46	38+	31+	54						
Cep VW S10 3		34+	31+	29+	26+	23+	35+	32+	29+	27+	24+	36+	33+	30+	28+	25+	23+	34+	31+	29+	26+	24+	35+	32+	30+	27+	25+	36+	33+						
Cep XX S10 3					26		60					27	61							29		62					30	64							
Cep XY E10S 2				55			33								65				42																
Cep ZZ S10 2									36			50	64											35		49	63								
Cep AI E10S 2		28s	39				62	73s													30						63s								
Cep CW E10X 3		76+		49+			22+					68+		41+									59+				32+								
Cep EI L10 2			16				38s					60		81s						3				25s			47								
Cep EX L10 2								78															22												
Cep NN E10S 2		68s	71	74s																		24	26s	29	32s	35	38s	41	44s						
Cet RR RR 2					27					24																									
Cet RV 90 2		26					24					23																							
Cet TU E10S 2					19			58					97						37				76				15								
Cet TV L10 2			62+									72+										83+													
Cet XY E10S 3		30s						25																			32s								
Com S 90 2		69	45	62			38	56	73	49		66	42	60			36	53	70	46		63	39	57		33	50	67							
Com ST 90 2		74	53	73			53	72		52	72		52	71	51		71		51	70		50	70		49	69		49	69						
CrB U S10 2												74								65							55								
CrB RV 90 3		76	75	75	74	74	73	73	72	72	71	70	70	69	69	68	68	67	67	66	66		65	65	64	64	63	63	62	61					
Crt W 90 2		54	60					55	61						55						50		56				50								
Cyg Y S10 3		54	24s	60	24s			55+	61						55						50		56				50								
Cyg UY RR 2							74										71								69										
Cyg XZ RR 2				26+	66		59	52				26+	66	59	52				26+	66	59		52		25+		65	59	52						
Cyg BO E10S 2			22s				73s		24s				75s					27s				66													
Cyg DM RR 2				24			76							74									71												
Cyg EM K10 2		72	75				66	70				74		65			68	72				63	66	70			61								
Cyg V0367 L10 2			6s	/	/																	66s	/	/											
Cyg V0463 E10S 2															65		71s																		
Cyg V0477 E10X 3														65		71s									64s										
Cyg V0541 L10 3							93+																		27+										
Cyg V0548 E10S 3		67	57s	28					69			59s									72	62s	52												
Cyg V0788 L10 2																																			
Cyg V0891 E10S 2			69																								65								
Cyg V0909 E10S 3							66s							68									69s					71							
JD 610 ..		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99							
JD 611 ..																													0	1	2	3			

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Cyg V1061 E10S	2						70					74																					
Cyg V1918 E10D	2	27+	72s	55+	58	61s	23+	26+	71	54+	57s	60	64s	67	70s	53+	56	59s	63	66s	69	52+	55s	59	62s	65	68s	51+	54				
Del DX	90	2																															
Dra RW	RR	2	48	37	70	58	47					68	57	45			67	56	44	66		54	43	64	53	41	74	63	51	40	73	61	50
Dra SU	RR	3	63	29	61	27	59	25	57	23	55	53	51	50			48	46				44	42	40			72	38	70				
Dra SW	RR	3	58	72	28	42	56	70	27	41	55	69	26	40	54	68	25	39	53	67	24	38	51	65	36	50	64		35				
Dra TZ	E10D	3	54	70s	57s			73	60	76s	63s						66	53				69s	56s	72	59		62s	49s			65	52	
Dra VZ	90	3	62	58	54	50	47	43+	39+	36+	64	60	57	53	49	46	42+	38+	34+	31+	59	55	52	48	44	41+	37+	33+	30+	58			
Dra WW	S10	3				72					35											61				24							
Dra XZ	RR		50	46	41	36	32	27+	22+	65	60	56	51	46	42	37	32	28+	23+	66	61	56	52	47	42	38	33	28	71	66			
Dra AI	S10	3	68				48	67				47	67									46	66			46	66						
Dra BF	L10	3	68				48	67				47	67				35s	46	66						46	66		56s					
Dra BK	90	2	40	59		36	55	73	32	51	69	28	47	65	24	43	61					39	57	35	53	72	31	49	68	27	45	64	
Dra BU	E10S	3					74	70s	66	61s	57	53s	48	44s	40	36s		31															
Dra DD	90	3	23+	54	52	50	48	46	44+	42+	40+	38+	36+	34+	32+	30+	28+	26+	24+	55	53	51	49	47	45	43	41	39+	37+	35+			
Dra EX	K10	2	21+	26+	31+	36+	41+	25+	30+	35+	40+	24+	29+	34+	39+	23+	28+	33+	38+	43+	27+	32+	37+	42+	26+	31+	36+	41+	25+	30+			
Dra GV	L10	2																				31											
Eri SV	90	2	27				27					27					26					26					26						
Gem U	K10	2	24+	30+	36+	25+	31+	37+	26+	32+	38+	26+	32+	39+	27+	33+	39+	28+	34+	40+	28+	35+	41+	29+	35+	42+	30+	36+	25+	31+			
Gem RR	90	2	35	54	33	52	32	51	31	50	29	48	28	47	27	46	25	44	24	43	62	42	61	40	60	39	58	38	57	36			
Gem RY	L10	2				18				83s						48					13s				78					43s			
Gem SV	E10S	1		30			30				31					32					32				33				33				
Gem SZ	90	3	24	24	24	24	25	25	25	26	26	26	26	26	27	27	27	27	27	28	28	28	28	28	28	29	29	29	29	29	30	30	
Gem WW	E10S	2	23s	46s			32	56	42s	27	51					37s					46				32s	56s	41	27s	51s	36	46s		
Gem YY	S10	2	23+	45s	27+	49	30	52s	34s	56	37	60s	41s	63	45	26	48s	30s	52	33	55s	37s	59	40	62s	44s	25s	47	29	51s			
Gem OW	L10	2															24																
Her TW	RR	2	66		66	66		65	65			65	65	65								64	64	64			64			63			
Her TX	S10	3															48s	51	54s	57			60s	63	66s	69	72s						
Her UX	E10D	2			68s							65		75							62s			72s			59		69				
Her VX	RR	2	59			69	60				70	61				71	62	53		72			63	54		73	64	55					
Her VZ	90	2		73	61			69	57			65	53	74	62							70	58			66	54			63	51		
Her AK	S10	3		65s	70	76s	60s	65	71s	76	61	66s	71	61s	66	72s						61	67s	72	57	62s	67	73s	57s	62	68s	73	57
Her AR	90	3	72	66	60	54		48	42		71	65	59	53	47	41						70	64	58	52	46	40			69	63	57	
Her AW	L10	2								4												84									64		
Her DI	L10	3		95s						4												84							5s		64		
Her GU	E10U	2								61																64							
Her LV	L10	2								61																64							
Hya SZ	90	2			44	51	59					42	50	57								33	40	48	55			31	39	46			
Hya WZ	90	2	58				50	57						41	49	56									40	48	55			39	47		
JD 610	..		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99				
JD 611	..																													0	1	2	3

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Hya	Al	L10	2	49+				78+								7+								36+																
Hya	ET	90	2					43 49				54				34 40 46				51				31																
Lac	RW	L10	3	92s												29s								66s																
Lac	SW	S10	3	26s	22s	34	30	27	23 31s 28+ 24s				28 25				29s 26+				26 71s				27s 72															
Lac	UW	E10S	3	24				53				82				11				40				69																
Lac	CO	E10X	3					71+				25+				34+								59+				68+												
Lac	V0345	E10X	3					61+								10+								59+																
Lac	V0364	E10X	2					61+								10+				27s				59+																
Leo	RR	RR	2	30+	66	56	47	37	28+ 64 54 44 35				71 61 52 42 33				68 59 49 40 30				66 56 47 37 28				64 54 45															
Leo	SS	RR	2	51				65				52				53 41 67				55 42 68				56 44				57												
Leo	ST	RR	3	70	66	61	57	53	48 44 39				74 70 65 61 56				52 48 43 39 34								69 64 60				56 51 47											
Leo	AG	E10S	2	56				65s 35				44s				52								61s				31												
Leo	AM	S10	3	55+	46+	38+	47+	39+	49+ 40+ 50+ 41+ 51+				42+ 52+ 44+ 35+ 45+				36+ 46+ 37+ 47+ 39+				48+ 40+ 31+ 41+ 32+				42+ 34+ 43+															
Leo	FM	E10U	2					54								63s								36s																
Lyn	TY	E10S	2					46												46																				
Lyn	CD	E10S	2	26s				53				36s 63								46s																				
Lyr	RR	RR	3	21	61 75				71				68				65				62				58				72											
Lyr	RZ	90	2	75												58 60 62 65 67				69 71 74																				
Lyr	UZ	S10	3									71				66s 61																								
Lyr	CN	90	2	68	74				62 67 73				61 67				72				60				66 72				60											
Lyr	EZ	RR	2	61	66	71	76				59 64 69 74				71				60				57 62 67 72																	
Lyr	IO	90	2	75				63				67				71				60				64				68				56								
Lyr	beta			18				65s								12								59s																
Mon	UX	E10S	2	10				5s				0 96s				91				86s 81				77s 72				67s												
Mon	VV	E10S	2	15s				17				20s				22				25s				27				30s				32 35s				38				
Mon	AQ	E10S	2	41				50				31s				41s												32												
Mon	AR	L10	1	2\ 72/								62\ 47 32/												23\																
Mon	AT	E10S	2	48 51																																				
Mon	AV	E10S	2	7s				55				2s				49 97s				44				92s				39												
Mon	EZ	E10U	2	28+	41	35s	29+	42	36s 30+ 43 37s 31+				25+ 38s 32 26+ 39s				33 27+ 40s 34 28+				41s 35 29+ 42s 36				30s 43s 37															
Mon	IL	E10S	2	28				31				34				36				39				42				44												
Mon	V0448	E10S	2	32s	43s	23				35 47 26s				38s 50s				30				42				33s				45s				36 48						
Mon	V0530	E10U	2	38	43	48	27+	32s	37s 42s 47s 26+ 31				36 41 46 25+ 30s				35s 40s 46s 24+ 29				35 40 45 50 29s				34s 39s 44s															
Mon	V0634	E10U	2	35 46																26 37				49																
Oph	U	ST	2					64s								67s				71s																				
Oph	ST	90	2	68				73				69				74 64				69				65																
Ori	Z	E10S	2	67				87				8				28				48																				
Ori	BM	E10S	2	59				6				53				0				47																				
Ori	CP	E10S	2	8				40				72				4				36																				
JD	610	..		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99										
JD	611	..																										0 1 2				3								

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Tri	X	S10	3			42	39	36	33	30	27	24																						
Tri	RU	E10S	2	47				37s					27											34										
Tri	UX	90	2		38	32	25				39	32	25					39	32	26					33	26								
UMa	W	S10	3	36+	36+	36+	36+	36+	36+	37+	37+	37+	37+	37+	37+	37+	37+	37+	37+	38+	38+	38+	38+	38+	38+	38+	38+	38+	38+	38+	38+			
UMa	RV	RR	2	33	74	67	61	55	48	42	35	29+	69	63	57	50	44	38	31	25+	65	59	52	46	40	33	27	67	61	55	48			
UMa	RW	E10S	2	35						68				34s							67s			33										
UMa	TU	RR	3	58	69		37	48	60	71		38	50	61	73	40	52	63	75	31	42	54	65	33	44	56	67		34					
UMa	TX	S10	2		26			33			39		45		52					58		64		71										
UMi	W	S10	3				53		23		63		34		74					44			54					65						
Vir	ST	90	2	59		65	70		75	58	63		68		74	56		61		67			72	54	60		65	71						
Vir	AG	E10D	2	55s	52	48s	44	41+	69s	66	62s	59	55s	51	48s	44	41+	37+	65	62s	58	55s	51	47s	44	40+	37+	65	62s	58	54s			
Vir	AH	S10	2	60	42+	44+	45+	47+	49+	51+	53+	55+	57	59s	40+	42+	44+	46+	48+	49+	51+	53+	55s	37+	38+	40+	42+	44+	46+	48+	50+			
Vir	AT	90	2				52		57	62	67	72				51		56	61	66	71				44	50	55	60	65					
Vir	AV	90	2	76		73	70		67	64			62		59	56				53	50		47		44	41	72	69						
Vir	CG	E10S	3	76s	70s	63s	57s					71	65	58						72s	66s	60s	53s				67	61	55					
Vul	Z	S10	2	70																														
Vul	RR	E10S	2			75																												
Vul	BN	90	2					76			73		71			68				65														
Vul	DR	E10X	3																									66+						
JD	610	..		73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99				
JD	611	..																												0	1	2	3	
2026 Mrz																																		
And	SW	RR																																
And	SY	L10	1																	94\	99	/	4\											
And	XX	90	2			30														31														
And	CD	L10	2	14\																														45\
And	OV	90	3		33	27							27																68					
Aqr	CD	E10S	2																															
Aqr	LL	L10	2																															
Aql	AA	RR	2																	70				68										
Aql	V0341	90	2																															66
Aql	V0889	L10	3						52s											64s									76s				66	
Aql	V1353	E10S	2		68					63s							70s								61s						56			
Aql	V1426	E10S	2	51s	9+	27+	44	3+	21+	38+	56s	14+	32+	49	8+	26+	43s	2+	19+	37+	55	13+	31+	48s	7+	25+	42	1+	18+	36+	53s	12+	30+	47
Aql	V1430	E10S	2				68							67								66						65					59s	
Ari	X	RR	3								30																							
Ari	RS	L10	2								13									93							73							
2026 Apr																																		
JD	611	..		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

2026 Mrz			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Ari	AL	E10S	2						27																											
Aur	TZ	90	3	52	31	48	27	44	62	40	57	36	53	32	49	27	45		41	58	37	54	32	50		46		42		37	55	33	51			
Aur	CQ	L10	2		19s				51						82s				13						44s				75							
Aur	IY	E10S	2							49				28										46		46										
Aur	V0432	E10S	2		27				35		43			51											30s		38s		46s							
Aur	epsilon																																			
Aur	zeta																																			
Boo	RS	RR	2	54	68	43	56	69	45	58	71	47	60	35	49	62	37	51	64	39	52	66	41	54	67	43	56	32+	45	58	33	47	60	35		
Boo	TW	90	3	44	50	57	63	70			36	42	49	55	62	68			34	41	47	53	60	66		33	39	45	52	58	65					
Boo	UU	90	3	66	57	49	40		68	60	51	43		71	62	54	45	37		65	56	48	39		68	59	50	42	33	62	53	44	36			
Boo	UY	90	2		48		44		69		64			60	55		50		45		41			36	66		61	57		52		47				
Boo	AC	E10D	3	46+	34+	39+	45+	33+	39+	45+	33+	39+	44+	32+	38+	44+	32+	38+	43+	32+	37+	43+	31+	37+	43+	31+	36+	42+	30+	36+	42+	30+	36+	41+		
Boo	CM	90	2	40	62		45	66	49	71		54		36	58		41		63		45	67		50		55	37	59		42	64					
Boo	CQ	90	71	56	68	53	66		50	63	48	60	45	58	42+	55	68	52	65	50	62	47	60	44	57	42	54	39+	52	65	49	62	46	59		
Cam	SS	E10S	2	47		88s			29		71s			12		53s	94				35s	76			17s	59		00s		41						
Cam	SV	S10	3	44+	33+	51s	40+	29+	48s	37+	26+	44s	33+	52	41+	30+	48	37+	56s	45	34+	53s	41	30+	49s	38+	57	46s	35+	53	42s	31+	50	39+		
Cam	AK	E10S	3	27s	39	50s	61		29	41s	52	63s		29	41s	52	63s							31s	43	54s	65								33	
Cam	AN	L10	3	27s	39	50s	61		29	41s	52	63s		29	41s	52	63s							31s	43	54s	65								33	
Cam	AT	E10S	3	44		53s	63		32s	72s	42	51s		60	30s	70s	40		49s		58			68s	38	47s	56		66s	36				45s		
Cnc	S	L10	3		10									58										6												
Cnc	RU	L10	2		42										59											76										
Cnc	RW	90	2	43	52	62	26		35	45	54	64		28	37	47	56		30	39	49	58			32	41	51	60		34	43			53		
Cnc	RZ	L10	2	26	89/						46/			\	8s	71/								28/	91	/	53/									
Cnc	TT	90	3	44	56		38		51		33	45			27	40	52			34	47				29	41			36	48				30		
Cnc	TU	E10S	3		23						79					35								91				48								
Cnc	TW	L10	2																\	\																
Cnc	UU	L10	2																											52s						
Cnc	ZZ	L10	2																25\	28	30/															
Cnc	AQ	90	2	32	41	51	61		35	45	54			29	38	48	58							32	42	51		35	45	55			39	49	49	
CVn	W	90	2	42	53	63			39	49	59	70		35	46	56	66		32	42	53	63				39	49	60		35	46	56	66			
CVn	Z	90	2	50	46				42	38	69	35		65	31	61	27	58		54	50			46	42	38		35	65	31	61					
CVn	RS	S10	2		71				51					31		71s								50s		30s									50	
CVn	RZ	90	2	63		33	46	60		44	57	70		41	54	68			38	51	65	35		49	62	32	46	59		43	56					
CMa	R	S10	2		26s						37				35s									32		30s										
CMi	AM	E10S	2																						29	31	33	35	37	39	41	43	44			
Cas	RX	L10	2	74s		/	/								\	\			90		/	/													\	
Cas	RZ	S10	3	60					38	57					36	55					33	53				31	50								48	
Cas	SX	L10	2																											75\	\				58	
Cas	TV	S10	3	47		28								35									60		41				66							
JD	611	...		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		

2026 Mrz			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Cas	TW	S10	3	26	69				54			40			69				54			40			68			54			40						
Cas	TX	E10S	2	41s		33s				26s	72			65		58			50			43			36								67s				
Cas	AQ	L10	2	19/		94\	0		/	5/		80\		86s	91/				66\	72	77/				52\	58s	63/			38\	44	49/					
Cas	BM	L10	2											/																							
Cas	DN	E10S	3		29	45s	60							38s	54	69s				31s	47	62s						40	56s								
Cas	GG	E10S	2											30														34									
Cas	GU	E10U	3	40										68																							
Cas	IL	E10S	2			45							36																62								
Cas	IT	E10X	3			45							36						30s										62								
Cas	OX	E10X	3	35+						33+				30+						28+																	
Cas	PV	E10X	3	72s	35+					33+	72s			30+						28+															48s		
Cas	V0368	E10S	2							34s	57									47									37	60s							
Cas	V0375	E10D	2	65	38s	59	33s			54	28s	49		70s	43	64s			38	59s	33			54s		48s			43s	64	38s						
Cas	V0381	E10X	3	65+	38s	59	33s			54	28+	49		70s	43	64+			38	59s	33			54s	32s	48s			43s	64+	38s						
Cas	V0459	L10	3	37							35+							34	97s						32		43s		30								
Cep	RZ	90		47	40+	32+	56	48	41+	34+	26+	50	42	35+	27+	51	44	36+	29+	52	45	37+	30+	54	46	39	31+	55	47	40	33+	56	49	41			
Cep	VW	S10	3	31+	28+	26+	37+	34+	32+	29+	26+	38+	35+	33+	30+	27+	39+	36+	34+	31+	28+	40+	37+	35+	32+	29+	41+	38+	36+	33+	30+	42+	39+	36+			
Cep	XX	S10	3				31			65				32		66						34		67					35		68						
Cep	XY	E10S	2	52			30							62		39													49								
Cep	ZZ	S10	2											34	48	62												33	47	62							
Cep	AI	E10S	2											31s		54s			65																		
Cep	CW	E10X	3						51+						70+				43+								61+		34+								
Cep	EI	L10	2			69s				91					13s				35					57s		79							1s				
Cep	EX	L10	2							65															9												
Cep	NN	E10S	2	47	50s	53	56s	59	61s	64	67s	70																								31s	
Cet	TU	E10S	2		54					93				32					71																		
Cet	TV	L10	2		93+									3+																							
Cet	XY	E10S	3				27																														
Com	S	90	2	43	61	37			54	71	30	47	65	41	58	34			51	68	44	62			38	55	31	48	66	42	59						
Com	ST	90	2	48	68	48			68	47	67			47	67	46	66			46	65	45		65	45	64	44	64	44	64	44	63					
CrB	U	S10	2				46																													62	
CrB	RV	90	3	61	60	60	59	59	58	58	57	57	56	56	55	55	54	54	53	52	52	51	51	50	50	49	49	48	48	47	47	47	46	46	45		
Crit	W	90	2			45			51					45	51					45						40	46								40		
Cyg	Y	S10	3			45			51					45	51					45						40	46								40		
Cyg	UY	RR	2		73				66					70		63											60								65		
Cyg	XZ	RR	2	45		72	65		59	52	45			65	59	52	45				65	58		52	45	38		65	58	52	45	38					
Cyg	BO	E10S	2							71							61s								63s										66s		
Cyg	BR	E10S	3							50s	50			50s	50	50s			50	50s				50	49s	49		49s	49						49s		
Cyg	DM	RR	2		69									67							64						68		62								
JD	611	...		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			

2026 Mrz	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cyg EM K10	2	65	68				72	59	63			66	70	57			61	65	68			55	59	63			66	54	57				
Cyg V0367 L10	2	96	/	/						\	\		26s	/	/				\	\								\	\	86s			
Cyg V0463 E10S	2		59	65s			71															53	59s	65									
Cyg V0477 E10X	3	68s		59	65s		71		72s													53	59s	65									
Cyg V0541 L10	3								60+																94+								
Cyg V0548 E10S	3	65s	55								67s	58	48s						70s	60		50s						63	53s	43			
Cyg V0788 L10	2																		50\	45	41\												
Cyg V0891 E10S	2																62																
Cyg V0909 E10S	3							72s																	55s							56	
Cyg V1061 E10S	2											56						59							63								
Cyg V1918 E10D	2	58s	61	64s	47+	50+	53s	57	60s	63	46+	49+	53	56s	59	62s	45+	48+	52s	55	58s	62	44+	47+	51	54s	57	40+	43+	47+	50s	53	
Del DX	90	2					71										69							67									
Dra RW	RR	2	39	72	60	49	37	70	59	47	36	69	57	46	35	67	56	45	33	66	55	43	32	65	53	42	30	63	52	40	62	51	
Dra SU	RR	3	37	69	35	67	33	65	31	63	29	61	27	59	57			55	54	52			50	48			46	44	42				
Dra SW	RR	3	49	63	34	48	62	33	47	60		31	45	59			30	44	58	29		43	57		42	56		40	54	68			
Dra TZ	E10D	3	68s	55s	71	58	44	61s	48s			64	51	67s	54s		70	57	44			60s	47s	63	50		66s	53s	39s		56		
Dra VZ	90	3	54	51	47	43	39+	36+	32+	28+	57	53	49	46	42	38+	34+	31+	59	55	52	48	44	41	37+	33+	30+	58	54	51	47	43	39
Dra WW	S10	3			50												39										65						
Dra XZ	RR	3	62	57	52	48	43	38	34	29	67	62	58	53	48	44	39	34	30	68		63	58	54	49	44	40	35	30	68	64		
Dra AI	S10	3	45	65			45	65				44	64				43					63					43	63					
Dra BF	L10	3	45	65			45	65				44	64				43					63					43	63					
Dra BK	90	2	41	60	37		56	33	52	70		29	48	66	44		62	40	58			36	54	32	50			46	65	42			
Dra BU	E10S	3	71	67s	63	58s	54	50s	45	41s	37	33s	28											68	64s		60	55s	51	47s	42	38s	
Dra DD	90	3	33+	31+	29+	27+	58	56	54	52	50	48	46	44	42	40	38	36+	34+	32+	30+	61	59	57	55	53	51	49	47	45	43	41	39
Dra EX	K10	2	35+	40+	45+	29+	33+	38+	43+	27+	32+	37+	42+	47+	31+	36+	41+	46+	30+	35+	40+	45+	29+	34+	39+	44+	49	33+	38+	43+	48	32+	37+
Dra GV	L10	2											16																				
Equ S	S10	3																										67					
Eri SV	90	2		26																													
Gem U	K10	2	37+	25+	31+	38+	26+	32+	38+	27+	33+	39+	28+	34+	40	28+	34+	41	29+	35+	41	30+	36+	42	30+	37	43	31+	37	44	32+	38	44
Gem RR	90	2	56	35	54	34	53	32	51	31	50	30	49	28	47	27	46		45	43		42	41	39			38	37				35	
Gem RY	L10	2			8				73s								38			3s		68						33s					
Gem SV	E10S	1		34				35				35			36						36			37			38						38
Gem SZ	90	3	30	30	31	31	31	31	31	32	32	32	32	33	33	33	33	34	34	34	34	34	35	35	35	35	36	36	36	36	36	37	37
Gem WW	E10S	2		32		41s		27	50	36s			46	31s			41					36				45s	31					40s	
Gem YY	S10	2	32s	55	36	58s	40s	43	47s	28s		50	32	54s	35s		39	42s	46			50s	31s	53	35		38s	42				45s	
Gem OW	L10	2																															
Her TW	RR	2	63	63	63		63	62				62	62	62			62	61				61	61	61			61	60				60	
Her TX	S10	3																				41	44s	47	50s	53	56s	59	62s	65	68s		
Her UX	E10D	2		56s			66s					53		63								60s						57				67	
JD 611	...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

2026 Mrz	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Her VX RR 2				65	56				65	57	48			66	57	49			67	58	49			68	59	50				60	51	42		
Her VZ 90 2		71	59	47	67		55			63	51			60	48		68	56	44	64		52		60	49				57	45	65			
Her AK S10 3		63s	68	52	58s	63		69s	53s	58	64s	69	53	59s	64	70s	54s	59	65s	49+	54	60s	65s	50s	55	61s	66	50	56s					
Her AR 90 3		51	45	39			68	62	56	50	44	38		67	61		55	49	43	37	31		66	60	54	48	42	36	30	65	59			
Her AW L10 2								44									24						4											
Her DI L10 3								44+									24	15s					4					70s						
Her GU E10U 2						50s		67																				39		56s				
Her LV L10 2						50s		67																				39		56s				
Hya SZ 90 2				30	37	45					28	36	43												32	40								
Hya WZ 90 2	54						38	46						37	45						36	44						35	43					
Hya AI L10 2								65+																										
Hya ET 90 2	37		42	48							28		34		39		45							30	36			42						
Lac RW L10 3										3s																			77s					
Lac SW S10 3					69s			70						71s	67s		68						69s	65s			66			67s	63s			
Lac UW E10S 3					98						27					56											14					43		
Lac CO E10X 3				30+										56+		64+													52+					
Lac V0345 E10X 3			8+								57+							7+																
Lac V0364 E10X 2			8+								57+							7+					68s		56+									
Leo RR RR 2	35	26	61	52	42		33	59	49	40		30	66	57	47	37	28	64	54	45	35		61	52	42	33		59	49	40	30			
Leo SS RR 2	45			58			46	34	59			47	35	60			48	36	61				49	37			50	38				51		
Leo ST RR 3	42	38	34				68	64	59	55	51	46	42	37	33	29			63	59	54		50	46	41	37	32		63	58	54			
Leo AG E10S 2				40s						49													36s				45					54s		
Leo AM S10 3	35+	44+	36+	46+	37+		29+	38+	30+	40+	31+	41+	32+	42+	33+	43+	35+	44+	36+	45+	37+		47s	38+	30+	39+	31+	40+	32+	42+	33+	43+	34+	
Leo FM E10U 2						45																	55s											
Lyn TY E10S 2							45															45												
Lyn CD E10S 2	28		56s								38		66s										48					30s	58					
Lyr RR RR 3	55	69			52		65			62					59								56	69			52	66		49	63		46	59
Lyr RZ 90 2									54	56		59	61	63	65	68	70													48	50	52		
Lyr UZ S10 3						68s	63	57s																	65	59s	54	49s						
Lyr CN 90 2	65	71					59	65	70			53		58	64		70	52		58			63		69	51		57	63					
Lyr EZ RR 2			55	60	65		70							53	58	63	68							51	56	61		66						
Lyr IO 90 2	72		60						64			53	68			57								61			49	65		53			57	
Lyr beta			6							53s							0								47s				94					
Mon UX E10S 2			62				57s		53				48s		43			38s					34		29s			24			19s			
Mon VV E10S 2			40s				43		45s				48			50s		53					55s		58			60s			63			
Mon AQ E10S 2				41											32s								41s						32					
Mon AR L10 1	92/									83\		68	53/														43\	28s	13/					
Mon AV E10S 2	86s			34				81s					28		76s													70s		18		65s		
Mon EZ E10U 2	31s	25+	38	32s	26+		39	33s	27	39	34s	28	40	34s	29	41	35s	29		36s	30					37s	31	38s	32		33			
JD 611 ...		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		

2026 Mrz		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Mon	IL	E10S	2	47			49				52			55				57				60			63				65					
Mon	V0448	E10S	2	28s	40s			31	43				34s					38			29s	41s			32					36s				
Mon	V0530	E10U	2	49s	28	33	38	43			27s	32s	37s	43s		27	32	37	42			31s	36s	41s		30	35	40		34s	40s			
Mon	V0634	E10U	2								29		40															31						
Oph	U	ST	2	61					64				67					54s						58s				61s						
Oph	ST	90	2			70	60				65			71	61				66	56			61				67	57						
Ori	Z	E10S	2		69					89				9						30				50				70						
Ori	BM	E10S	2					94						41						88						35								
Ori	CP	E10S	2				68				0					32									96							28		
Ori	DN	L10	2						6													3												
Ori	FO	L10	2										93																		73			
Ori	FT	E10X	2										93			39s															73			
Ori	GG	E10X	2												36s	39																		
Ori	V0536	E10S	2							36																		34						
Ori	V1016	L10	2																															
Peg	VV	RR	2																					69										
Peg	VW	L10	2																					69										
Peg	AV	RR	3							70								68								66								
Peg	AW	L10	2			4s					35					67s				98					29s						60			
Peg	CG	90	2	72														67						67						68	62			
Peg	DF	L10	3								92														62									
Peg	GH	E10S	2																					68s										
Per	RW	L10	2				89													9														
Per	RY	E10S	2																43s						30s									
Per	AG	E10X	2																43s						30s									
Per	AR	90	2	25	53	38	51	36	48	34			46	31	44	29		42					38			36			34					
Per	AY	L10	2			15										93											71							
Per	IQ	E10X	2				33+							30+							28+													
Per	KN	E10U	3	31s	40	26	34s	43	29	38s	33	41s	28s	36	31s	39		34s	42	29	37s		32	41s	36		31s	39	34s					
Per	LX	L10	2			6s			8				10s		12					14s				16			17s					19		
Per	beta									36s										40														
Psc	RU	90	2					28																										
Psc	SS	90	2												27																			
Sge	SY	E10S	3												60s									68s										
Ser	VY	RR	2	67			53	67			53	67			53	67		67			52	67			52	67			52	66				
Ser	AN	90						48	52	57	61	66	70					44	49	53	58	62	66					45	50		54			
Ser	BH	90	2	67	54		71	58	45		62	49	66	53	40		58	44		62	49		66	53	40		57	44	61	48				
Ser	EG	L10	2			0				98s					95					92s				90					87s					
Ser	LX	K10	3	60	55+	50+	45+	56+	51+	46+	57	52+	47+	58	53+	48+	43+	54+	49+	44+	55	50+	45+	40+	51+	46+	41+	52+	47+	42+	53	48+	43+	38+
JD	611	...		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

2026 Mrz	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Sex T	90	3	54	52	49	47	44	41	39	36	34	31	29	56	53	51	48	45	43	40	38	35	33	30				52	49	47	44	42				
Tau RW	S10	2															29																			
Tau CD	S10	2									37											40s														
Tau EN	E10S	3	40					36				32																42s								
Tau V1094	L10	2							10+								8+										7+									
Tri X	S10	3											33	30	28																					
Tri RU	E10S	2	25s																																	
Tri UX	90	2			33	27					34	27																								
UMa W	S10	3	39+	39+	39+	39+	39+	39+	39+	39+	39+	39+	39+	40+	40+	40+	40+	40+	40+	40+	40+	40+	40+	41+	41+	41+	41+	41+	41+	41+	41+	41+	41+	41+		
UMa RV	RR	2	42	35	29	69	63	57	50	44	37	31	71	65	59	52	46	40	33	67	61	54	48	42	35	29		63	56	50	44	37				
UMa RW	E10S	2		66				32s						65s			32							64				31s								
UMa TU	RR	3	46	58	69		36	48	59	71	27	38	50	61		29	40	52	63		31	42	54	65		32	44	55	67		34	46	57			
UMa TX	S10	2																																		
UMi W	S10	3	35					45				55					66	36					46													
Vir ST	90	2	53		58	64		69	51		57		62	44	68	50		55		61	43	66	48		54		59	41	64	47				52		
Vir AG	E10D	2	51	47s	44	40+	36+	33+	61s	58	54s	50	47s	43	40s	36+	32+	29+	57	54s	50	47s	43	39s	36	32+	29+	57	53s	50	46s	43		39s		
Vir AH	S10	2	52+	54	35+	37+	39+	41+	43+	44+	46+	48+	50+	32+	33+	35+	37+	39+	41+	43+	45+	47+	49s	30+	32+	34+	36+	38+	39+	41+	43+	45+	47			
Vir AT	90	2	70					43	49	54	59	64						42	48	53	58	63						41	47	52	57	62				
Vir AV	90	2		67		64		61		58	55		52		49		46		43		40			37	69	34	66	63		60				57		
Vir CG	E10S	3			69s	62s		56s	50s			70	64	57	51	45						65s	59s	52s	46s			67	60	54	47	41				
Vul Z	S10	2	70					61																												
Vul BN	90	2		72				69		66			63			60													67						64	
Vul DR	E10X	3						66+									66+											67+								
Vul EV	E10S	2							70																				63							
JD 611	..		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2026 Apl	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
And SY	L10	1																				85/	90	95/												
And TW	S10	3																											62							
And CD	L10	2		51	/	58/																														
And OV	90	3													62										62										62	
Aqr SW	RR	2																																		
Aqr SX	90	2																																		
Aqr CD	E10S	2						0			84																35								19	
Aqr LL	L10	2																																		
Aql AA	RR	2															65																	58		
Aql V0341	90	2										64															63								56	
JD 611	..		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62			

2026 Apl	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Aql V0889 L10 3								88s				64									00s		63								56				
Aql V1353 E10S 2							63					59s					54					49s	61							56s					
Aql V1426 E10S 2	6+	23+	41+	58s	17+		35+	52	11+	29+	46s	5+	22+	40+	57	16+	34+	51s	10+	27+	45	4+	21+	39+	56s	15+	33+	50	9+	26+	44s				
Aql V1430 E10S 2			64				57s		63								62					55s		61					54s		60				
Ari RS L10 2																																			
Aur TZ 90 3	47			42		38			34	52	47			43	39		35			48		44		40	36							45			
Aur CQ L10 2			6s						37				69s						0					31s						62					
Aur IY E10S 2					42															39															
Aur V0432 E10S 2												33			41																				
Aur epsil																																			
Aur zeta																																			
Boo RS RR 2	49	62	37	50	64		39	52	65	41	54		43	56	45		58	33	47	60	35	48	62	37	50	64	39	52		41	54				
Boo TW 90 3	31	37	44	50	57		63				36		42	49	55	62				34	41	47		54	60				39	45	52	58			
Boo UU 90 3		64	56	47	38				58	50	41	33		61	52	44		35		64	55	46		38		58	49	40		60	52				
Boo UY 90 2	42		38		33		63		58		54		49		44		39		35	65		60		55	51			46		41					
Boo AC E10D 3	47+	35+	41+	47+	35+		40+	46+	34+	40+	46+	34+	40+	45+	34+	39+	45+	33+	39+	45+	50	38+	44+	50s	38+	44+	49	38+	43+	49s	37+				
Boo CM 90 2	46			51			34	55	38	60			43	64	47					52	34		56		39	61		44		48					
Boo CQ 90	44	56	41	54	38+		51	36+	48	33+	46	58	43	56	40	53	38	50	35+	48	61	45	58	42	55	40	52	37	50	63	47				
Cam SS E10S 2	82s			23			64s		5			47s		88			29s		70			11s	52		93s				35		76s				
Cam SV S10 3	57s	46	35+	54s	43		32+	50s	39	58	47s	36+	54	43s	62s	51	40s	59s	48	36s	55s	44	63	52s	41	59	48s	37	56	45s	63s				
Cam AK E10S 3	45s	56	67s								35s	47	58s								38		49s	60								40s			
Cam AN L10 3	45s	56	67s								35s	47	58s								38		49s	60								40s			
Cam AT E10S 3		54		64s	33		43s		52			62s		41s			50		60s			39s	48		58s				37s		46				
Cnc S L10 3	55											3																				0			
Cnc RU L10 2			94												11																				
Cnc RW 90 2				36	45		54				38	47					39	49					41	51					34	43					
Cnc RZ L10 2	10\	73s	/	35/								93\	\	55	/	17/							75\	\	37s	99/									
Cnc TT 90 3	43				37					32	44				39					33									35						
Cnc TU E10S 3	4						60							16						72					28					84					
Cnc TW L10 2																				42\	48	54/													
Cnc UU L10 2									/																										
Cnc ZZ L10 2																																			
Cnc AQ 90 2					32	42	52				36	46					39	49					43						36	46					
CVn W 90 2		32	42	53	63				39	49	60											63		39	49	60				36	46				
CVn Z 90 2	58		54		50		46		42			38		35	65		62		58		54		50		46		42		38		35				
CVn RS S10 2													49s											49											
CVn RZ 90 2		40	54	67			37	51	64		34	48	61		45		59							39	53			37	50						
Cas RX L10 2			7s				/	/							\	\							/	/											
Cas RZ S10 3	67						46	65					43	63											38	58							36		
JD 611 ..		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62			

2026 Apl	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Cyg DM RR 2	66				60						64					58										59			53		63						
Cyg EM K10 2	61			65	52		55		59		63	50	66	54		57							55		59	46	63	50		54							
Cyg V0367 L10 2	/						\	\		16	/	/					\	\	46s	/	/						\	\	75	/	/						
Cyg V0463 E10S 2										53s	59	65s														47s	53	59s									
Cyg V0477 E10X 3			54s							53s	59	65+					62s									47s	53	59s									
Cyg V0541 L10 3										28+															62+												
Cyg V0548 E10S 3								65	56s	46							58s	49	39s								61s	51	41s								
Cyg V0788 L10 2																																					
Cyg V0891 E10S 2						67				58	49																	64	54	45							
Cyg V0909 E10S 3										58s						59										61s				62							
Cyg V1061 E10S 2	67																													49							
Cyg V1918 E10D 2	56s	39+	42+	46+	49		52s	56	38+	41+	45+	48s	51	55s	37+	41+	44+	47	50s	54	36+				40+	43+	46s	50	53s	36+	39+	42+	45	49s			
Del DX 90 2				65										63	57																		59				
Dra RW RR 2	39		61	49	38			59	48	36			58	46	35	56		45	34								54	42		64	52	41	62				
Dra SU RR 3	40		39		37			35		33	65			63		61			59	58		56					54	52		50	48	46					
Dra SW RR 3		39	53	67			38	52	66		37	51	65	35	49			63		34	48	62						47	61		46	60					
Dra TZ E10D 3	43		59s	46s			62	49	35	65s	52s	39s		55	42			58s	45s		61	48				34	64s	51s	38s		54	41	57s	44s			
Dra VZ 90 3	36	32+	60	57	53		49	46	42	38	35		63	59	56	52	48		44	41	37	33+	62			58	54	51	47	43	40	36	61	57			
Dra WW S10 3											54																							43			
Dra XZ RR 90 3	59	54	50	45	40		35				64	60	55	50	46	41		36								60	56	51	46	41	37						
Dra AI S10 3	42	62						42	62						41	61																		40	60		
Dra BF L10 3	42	62						42	62						41+	61																		62s	40	60	
Dra BK 90 2	61		39	57			35	53			49				45	63			41	59								52			48			44	62		
Dra BU E10S 3	34																		65	61s	57	52s	48			44s	39	35s									
Dra DD 90 3	37	35	33+	31+	62		60	58	56	54	52	50	48	46	44	42		40	38	36	34					63	61	59	57	55	53	51	49	47	45		
Dra EX K10 2	42+	47	31+	36+	41+		46+	51	34+	39+	44+	49	33+	38+	43+	48		53	37+	42+	47	52				36+	41+	46	51	35+	40+	45	50	55	39+		
Dra GV L10 2							2																												87		
Equ S S10 3																																			59		
Gem U K10 2	33+	39	45	33	40		46	34	40	46	35	41	47	36	42			36	43								38	44		39				39			
Gem RR 90 2		34		33			31		49			48		46	45			44		42						41		40		38		37		36			
Gem RY L10 2	98						63s					28				93s																			58		
Gem SV E10S 1				39						40					40																						
Gem SZ 90 3	37	37	38	38	38		38	38	39	39	39	39	40	40	40	40		41	41	41	41	41				42	42	42	42	43		43					
Gem WW E10S 2										36s					40																						
Gem YY S10 2		49						37		41s			45		48s			33		37s		40				44s								36			
Gem OW L10 2																																					
Her TW RR 2		60		60			60		59		59			59		59		59	39	58	38	58				38	58	38	58	38	58	38	57	37	57		
Her TX S10 3																												34s	37	40s	43	46s	49	52s	55	58s	
Her UX E10D 2				54s				64s				51			61												58s				45				55		
JD 611 ..		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51						52	53	54	55	56	57	58	59	60	61	62

2026 Apl	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Her VX	RR	2		61	52	43		62	53	44		63	54	45		64	55	46	37		56	47	38		57	48										
Her VZ	90	2	53	41	61	49	37	58	46		66	54	42	62		50	38	58	46	35		55	43	63	51	39	59									
Her AK	S10	3	61	45+	51s	56	61s	46+	51	56s	62	46	52s	57	41+	47s	52	57s	42+	47	52s	58	42+	48s	53	58s	43+	48	53s	38+	43	48s				
Her AR	90	3	53	47	41	35		64	58	52	46		40	34	63		57	51	45	39			62	56	50		44	38								
Her AW	L10	2		84								64								44									24							
Her DI	L10	3	84					25s				64					80s	44										24+								
Her GU	E10U	2										42	59s									45			62s											
Her LV	L10	2										42	59s									45+			62s											
Her MM	E10S	2																					64			62s						60				
Hya SZ	90	2	31	38						37							35																			
Hya WZ	90	2		34	42						33	41					40								39											
Hya AI	L10	2	52+								81+						10+									39+										
Hya ET	90	2				33		39									35																			
Lac RW	L10	3									13s											50s							87s							
Lac SW	S10	3		64	60			65s	61s			66	62	58			63s	59s					64	60	56	64s	61s	57s		62						
Lac UW	E10S	3				72						1					30					59				88										
Lac CO	E10X	3	61+												49+			57+																		
Lac V0345	E10X	3	5+					54+									3+								53+											
Lac V0364	E10X	2	5+					54+									3+								53+											
Leo RR	RR	2	57	47	38		54	45	35			52	42	33			50	40				47	38			45	35		52							
Leo SS	RR	2		39		52		40		53		41		54			42						43				44									
Leo ST	RR	3	49	45	41	36	32			58		53	49	44	40	36							57	52	48	44	39	35								
Leo AG	E10S	2						32s				41					50s													38						
Leo AM	S10	3	44s	35+	45	37+	46s	38+	48	39+	49s	40	32+	41s	33+	43	34+	44s	35+	45	36+	46s	38	47	39s	49s	40	50	41s	51s	42					
Leo FM	E10U	2				37									46s																					
Lyn TY	E10S	2	44												44												43									
Lyn CD	E10S	2			40s										50s													43								
Lyr RR	RR	3		56				53	66			50	63				46	60			43	57			40	53		37	50							
Lyr RZ	90	2	55	57	59	61	64	66										42	44	46		48	51	53	55	57	60	62								
Lyr UZ	S10	3								62s		56	51s	45													64s	58	53s	47						
Lyr CN	90	2	51	56	62			50	56			62	44	49			55	61	43				49	55		60	43	48								
Lyr EZ	RR	2		49	54	59	64					42	47	52	57	62							40	45	50	55	60									
Lyr IO	90	2		46	61			50	65		54			42	58			46	62			50			39	54		43	58							
Lyr beta					41s					88							35s							82											29s	
Mon UX	E10S	2		14		10s		5				0s	95				91s		86				81s													
Mon VV	E10S	2		65s		68			70s			73		75s			78																			
Mon AQ	E10S	2										32s																								
Mon AR	L10	1	4\	73\								64\	49s	34\																						
Mon AT	E10S	2		32		35																														
JD 611	..		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62			

2026	Apr	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Mon	AV	E10S	2	13			60s			7			55s					2		49s																
Mon	EZ	E10U	2	34		35			36										33s																	
Mon	IL	E10S	2	68				70			73				76				78					81												
Mon	V0448	E10S	2											34																						
Mon	V0530	E10U	2		34	39				33s	38s				32	37																				
Mon	V0634	E10U	2															34																		
Oph	U	ST	2		64s				51					54					58					61	45s					48s						
Oph	ST	90	2	62	52		67	58			63	53			58			48		64	54			59	49					54	44					
Ori	Z	E10S	2		91					11					31																					
Ori	BM	E10S	2	82																																
Ori	CP	E10S	2				60					92						24					56													
Ori	DN	L10	2		99												96																			
Ori	FO	L10	2																																	
Ori	FT	E10X	2																							34s										
Ori	GG	E10X	2																							34										
Ori	V1016	L10	2																																	
Peg	VV	RR	2												64			62																		
Peg	VW	L10	2												64			62																		
Peg	AV	RR	3				64							62									60										62			
Peg	AW	L10	2				91s				22						53s					84									16s					
Peg	CG	90	2					62							63								64	57										58		
Peg	DF	L10	3						32																2											
Peg	DH	RR	2																												62					
Peg	GH	E10S	2																				63												58s	
Peg	IP	K10	2																												63					
Per	RW	L10	2	29											49																		69			
Per	AR	90	2	31		44		42		40				38		36						34														
Per	AY	L10	2							48																										
Per	KN	E10U	3			37s	32			35					34s																					
Per	LX	L10	2				21s				23				25s				27								31									
Per	beta												33																							
Sge	SY	E10S	3						61																	54s									61s	
Ser	VY	RR	2				66			52		66			52					52				37	51					37		51				
Ser	AN	90		58	63	67					41	46		50	55	59	64							42	47	51	55	60			64					
Ser	BH	90	2	65	52	39	57	43	61	48	35		65	52	39	56		43		60	47	34		64	51	38	55	42			60	47				
Ser	EG	L10	2		84				82s					79						76s						74									71s	
Ser	LX	K10	3	49+	44+	39+	50+	45+	40+	51	46+	41+	36+	47+	42+	37+	48+	43+	38+	33+	44+	39+	34+	45+	40+	35+	46+	41+	37+	47+	42+	38+	48			
Sex	T	90	3	39	37	34	31				48		46	43	41	38	35			33							45	42							39	37
Tau	EN	E10S	3	38s					33s																											
JD	611	..		32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61		62	

2026 Apl		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Tau	V1094	L10	2				6+								5+																							
UMa	W	S10	3	41+	41+	42+	42+	42+	42+	42+	42+	42+	42+	42+	42+	43+	43+	43+	43+	43+	43+	43+	43+	43+	44+	44+	44+	44+	44+	44+	44+	44+	44+					
UMa	RV	RR	2	31		65	59	52		46	39	33			61	54	48	41	35			63	56	50		44	37											
UMa	RW	E10S	2				64s																															
UMa	TU	RR	3		36	48	59				38	50	61			40	52	63							44	55				34	46	57						
UMa	TX	S10	2	47			53			59		66																										
UMi	W	S10	3		67		37					47					58																					
Vir	ST	90	2		57	40	63	45		50		56	38	61	43		49			54	36	60	42		47		53	35	58	40		46		51				
Vir	AG	E10D	2	35	32+	60s	57	53s		50	46s	42	39s	35	32s	60s	57	53s	49		46s	42	38s	35		56	53s	49	45s	42	38s	35						
Vir	AH	S10	2	49s	51	32+	34+	36+		38+	40+	42+	43	45s	47	49s	51	33+	34+		36+	38+	40+	42s	44	46s	48	49s	51	53s	35+	37+	38s	40	42s			
Vir	AT	90	2			35	40			46	51	56					34	39		45	50	55						38	44	49	54							
Vir	AV	90	2		54		51			48		45	42			39	36			34			62		59		56	53		50		47						
Vir	CG	E10S	3			62s	55s	49s		42s			63	57	50	44	37				65s	58s	52s	45s		39s		60	53	47	40							
Vul	Z	S10	2		62					53																										62		
Vul	RR	E10S	2																								51									56		
Vul	BN	90	2			61				58		55			52		49				47	65				62		59								57		
Vul	DR	E10X	3			67+																																
Vul	EV	E10S	2												56																						50	
JD	611	...		32	33	34	35	36		37	38	39	40	41	42	43	44	45	46		47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62		
2026 Mai			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
And	SW	RR																																				
And	SY	L10	1																																			
And	TW	S10	3																																		54s	
And	XX	90	2																																		59	
And	CD	L10	2			89\	1		96s			2/																										
And	OV	90	3								62	56																										
Aqr	SW	RR	2								61																											
Aqr	SX	90	2		59																																	
Aqr	CD	E10S	2				3					87																										
Aqr	LL	L10	2												22																							
Aql	AA	RR	2												61																							
Aql	V0341	90	2			61						55																										
Aql	V0889	L10	3	12s		61							55		24s		59										53		36s		57							
Aql	V1353	E10S	2			52						47s	59																									
Aql	V1426	E10S	2	3+	20+	38+	55	14+		31+	49s	8+	25+	43	1+	19+	37+	54s	13+		30+	48	7+	24+	42s	59s	18+	35+	53	12+	29+	47s	5+	23+	40+	58		
Aql	V1430	E10S	2				53s				59				52s		58	46										57	45		50s						56	43
JD	611	...		62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92				

2026 Mai	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cas AQ	L10	2	55\	60	66\			41\	46s	52\			27\	32			38\			13\		18s	24\		99\		\	4	10\		85\		
Cas BM	L10	2																															
Cas DN	E10S	3	38	53s						47s	62						40s	55							49								
Cas GG	E10S	2																							48								
Cas GU	E10U	3								46			55																				
Cas IL	E10S	2			58							49						39															
Cas IT	E10X	3			58							49						39				54s			44s								
Cas OX	E10X	3		58+				56+					54+					52+					50+					47+					
Cas PV	E10X	3		58+	49s			56+					49s	54+				52+	49s				50+				49s	47+					
Cas V0368	E10S	2					44										57s										47s						
Cas V0375	E10D	2	53		48			42				37	58s				53s		47s				42s		37s		58			52			
Cas V0381	E10X	3	53		48			42				37	58s				53s		47s				42s		37s		58			52			
Cas V0459	L10	3						72s							18s									64s									
Cep RZ	90		59	52	44	37	60	53	46	38	62	54	47	39	56	48	41		57	49	42		58	51	43		59	52	45		53		
Cep VW	S10	3	40+	37+	48+	46+	43+	41+	38+	49s	47+	44+	42+	39+	36+	48+	45+	42+	40+	37+	49	46+	43+	41+	38+	50	47+	44+	42+	39+	51	48s	45+
Cep XX	S10	3						42							43							44						46					
Cep XY	E10S	2	56												43												53						
Cep ZZ	S10	2										45		59													44		59				
Cep AI	E10S	2						46s				58															37s	48		59s			
Cep CW	E10X	3				55+											47+										38+						
Cep EI	L10	2		77s				99				21s			43			65s					87					9s					
Cep EX	L10	2	39											82														26					
Cep NN	E10S	2						36s	39	42s	45	48s	51	54s	57	60s																	
Cet TU	E10S	2																															
Cet TV	L10	2																															
Com S	90	2	44	61	37		54		48			41	58				52		45				38	56		49		42					
Com ST	90	2	38	57	37	57		37	56	36		56		55				55		54				54			53		53				
CrB U	S10	2					60						50												41								
CrB RV	90	3	62	61	61	60	60	59	59	58	58	57	57	56	55	55	54	54	53	53	52	52	51	51	50	50	49	49	48	48	47	46	46
Crt W	90	2		36						37																							
Cyg Y	S10	3		36						37																							
Cyg UY	RR	2			53				46	58				50	62			43	55					47	60		52					44	
Cyg XZ	RR	2	58	51	44	38			58	51	44	38			58		51	44	37				57	51	44	37			57	51	44		44
Cyg BO	E10S	2				54s							57s	44													61s	49					
Cyg BR	E10S	3		47s	47		47s	47	47s				47		46s			46	46s	46			46s		46		46s	46	46s	46	46s		
Cyg DM	RR	2		57			51	61				55		49			59		52				46	56		50	60	44					
Cyg EM	K10	2	57	45	61	48		52		55	43	59	46	50	54		41	57	45	61	48		52	39	55	43	59	46	50			54	
Cyg V0367	L10	2			\	\		5s	/	/					\	\	35	/	/					\	\	65s	/	/					
Cyg V0463	E10S	2											41s	47	53s	59														41		47s	
JD	611	...	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92

2026 Mai	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Cyg V0477 E10X 3												41s	47+	53s	59												48s					52s		41	47s		
Cyg V0541 L10 3										95+																											
Cyg V0548 E10S 3							54	44s								56	47s	37								29+											
Cyg V0788 L10 2						35l	30	26/																		59	49s	40									
Cyg V0891 E10S 2																																					
Cyg V0909 E10S 3	42					63s				44s						45																			48		
Cyg V1061 E10S 2					53							57																									
Cyg V1918 E10D 2	52	35+	38+	41+	44s	48	51s	54	37+	40+	44	47s	50	53s	57	39+	43s	46	49s	53	56s	39+	42	45s	48	52s	55	38+	41s	44	48s						
Del DX 90 2	53								62	57	51																										
Dra RW RR 2	51	40		61	50	38			60	48	37	58	47																								
Dra SU RR 3		44		43			41		39		37																60		58		56		54		52	50	
Dra SW RR 3	44	58			43		57				42	56			41	55											38	52		37		51			50		
Dra TZ E10D 3		60	47		63s	50s	37s		53	40				56s	43s	59	46										52	39		55s		42s		58	45		
Dra VZ 90 3	53	49	46	42	38				59	56	52	48	45	41	37				58	54	51	47	43	40			61			57	53	50	46	42	38		
Dra WW S10 3																																				47	
Dra XZ RR 3	61	56	52	47	42	37						62	57	52	47	43	38									57	53	48	43	39							
Dra AI S10 3	39	59						39	59																												
Dra BF L10 3	39	59						39	59																												
Dra BK 90 2		40	58		36	54				50					46		42	61			38	57				53							45		41		
Dra BU E10S 3											62	58s	54	49s	45	41s																					
Dra DD 90 3	43	41	39	37	35			62	60	58		56	54	52	50	48	46	44	42	40	38							61		59	57	55	53	51	49		
Dra EX K10 2	44	49	54	38+	43	48	53	37+	42	47	51	56	40+	45	50	55	39+	44	49	54						38+	43	48	53	37+	42	47	52	57	41	46	
Dra GV L10 2																																					
Equ S S10 3																																					
Gem U K10 2	40		35	41						36					37		38																				
Gem RY L10 2					53s					18																											
Gem WW E10S 2	35s																																				
Gem YY S10 2	40s		43												39																						
Gem OW L10 2																																					
Her TW RR 2	37	57	37	57	37	57	37	57	37	56	36	56	36	56	36	56	56	55	55	55																	
Her TX S10 3	61																																				
Her UX E10D 2			42s		52s			61s	39					49		58												55s					42		52		
Her VX RR 2	39			57	49	40			58	49	40			60	59	50	41				60	51	42				61	52	43						53	44	
Her VZ 90 2	47	35		56	44				52	40				60	48	36	56	44										61	49	37			57	45		53	42
Her AK S10 3	54	38+	43s	49	54s	39+	44	49s	55	39+	44s	50	55s	39+	45	50s	56	40+	45s	51	56s	40+	46	51s	56	41	46s	52	57s	41s	47						
Her AR 90 3	61	55	49	43	37					60	54	48	42	36																							
Her AW L10 2									5																												
Her DI L10 3									5	90s																											
Her GU E10U 2										48																											
JD 611 ...		62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92					

2026 Mai	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Her LV	L10	2					48													51												50s	
Her MM	E10S	2			58s			56				54s					52			50s		48				46s							
Hya WZ	90	2	38																														
Hya AI	L10	2			68+																												
Lac RW	L10	3									24s									61s											98s		
Lac SW	S10	3	58	54	63s	59s	55s	51s	60	56		52	61s	57s	53s		49s	61	58	54	50		59s	55s	51s	47s	59	56	52	48	60s	57s	
Lac UW	E10S	3		17			46					75						4					33				62						
Lac CO	E10X	3		45+		53+		62+											41+			50+			58+								
Lac V0345	E10X	3	2+					51+									0s						49+								99+		
Lac V0364	E10X	2	2+					51+									0s		49s				49+								99+		
Leo RR	RR	2	42			50	40				47	38				45										40					38		
Leo SS	RR	2		45				46																37							39		
Leo ST	RR	3			52	47	43	39								47	42	38									46	42					
Leo AG	E10S	2			46s																	43s											
Leo AM	S10	3	44s	35	45	36s	46s	37	47	39s	48s	40		41s	42		43s	45	46s			37	38s	40		41s	42				43s		
Leo FM	E10U	2										37s																					
Lyn TY	E10S	2									43												42										
Lyn CD	E10S	2																						45s									
Lyr RR	RR	3		47	60		44	57			40	54			37	51				47	61		44	58			41	54					
Lyr RZ	90	2					36	38	40			42	45	47	49	51	54	56	58	60													
Lyr UZ	S10	3	42s												60		55s	49	44s	39													
Lyr CN	90	2	54		60	42	48	53	59		41	47	53			58	41	46			52		58	40		46	51				57		
Lyr EZ	RR	2	38	43	48	53	58			36	41	46	51	56	61							39	44	49	54	59							
Lyr IO	90	2		47	62	35		51		39	55				43	59		47			51		40	55			44	59					
Lyr beta							77						24s					71									18s						
Mon UX	E10S	2																															
Mon VV	E10S	2																															
Mon AR	L10	1																															
Mon AV	E10S	2																															
Mon IL	E10S	2																															
Oph U	ST	2			51s			54s					57s	41			61s	44					48							51			
Oph ST	90	2		60	50			55	45			60	50	41			56	46			61	51	41			56	47				52		
Ori Z	E10S	2																															
Ori BM	E10S	2																															
Ori CP	E10S	2																															
Ori DN	L10	2																															
Ori FO	L10	2																															
Ori V1016	L10	2																															
Peg U	S10	2													61		61				60		60				60		60				
JD 611	...		62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92

2026 Mai		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Vul	EV	E10S	2										61			43														54				
JD	611	...		62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
2026 Jun		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
And	SW	RR								59				57			55				53			51				49			59			
And	SY	L10	1																											67	72			
And	TW	S10	3																											46				
And	XX	90	2			54						60							55						50					56				
And	CD	L10	2							33	\	40	/	47																				
And	OV	90	3	56	50							56		50						56	50	44					56	50	44					
Aqr	SW	RR	2						55					60	52				57	49				54	46			59	51	43				
Aqr	SX	90	2	59						56							52	59						48	56					45	52			
Aqr	CD	E10S	2		6					89					73				57					41				25						
Aqr	HH	90	2										57			59													53					
Aqr	LL	L10	2									49s									58									67s				
Aql	AA	RR	2	59			49	57				55			53				51	60			49	58		47	56		45	54				
Aql	V0341	90	2	51				56				60			49				54		43	59		48			52		41					
Aql	V0889	L10	3	51	48s	56					60				49	60s			54	43	59			48	72s		52		41					
Aql	V1353	E10S	2	52s					47	59s				42s	54				50s					45	57s			40s	52					
Aql	V1426	E10S	2	17+	34+	52s	11+	28+	46	4+	22+	39+	57s	16+	33+	51	9+	27+	44s	3+	21+	38+	56	15+	32+	50s	8+	26+	43	2+	20+	37+	55s	
Aql	V1430	E10S	2	49s			55	42				48s		54	41		60s	47s		53	40			59s	46s		52	39	58s	45s				
Ari	RS	L10	2											96										77						57				
Aur	CQ	L10	2																															
Aur	epsil																																	
Aur	zeta																																	
Boo	RS	RR	2			50		39	52		41	54		43	56		44	58		46	59		48		50		39	52		41	54			
Boo	TW	90	3	52	58					38	44	50	57						42	49	55				41	47	54	60						
Boo	UU	90	3	50	42				53	44				55	47	38			58	49	41				52	43		55	46					
Boo	UY	90	2				51			47	42										48				44	39								
Boo	AC	E10D	3	44	50	38+	44s	50s	38+	44	49	55	43s	49s	55s	43+	48	54	42+	48s	54s	42+	48+	53	41+	47s	53s	41+	47	53	41+	46s	52s	
Boo	CM	90	2		59		42			46		51			55	38				42				47		52				39				
Boo	CQ	90		45	58	42	55		40	53		50		47	44	57	42		55	39	52	49		47	44		41	54	38	51				
Cam	SS	E10S	2	11		52s	93			34s	75				16s	58			99s					81s		22		63s		4				
Cam	SV	S10	3		55	44s	51		40s	59s	48	56s	44	52s	41	60		49s	38	56	45s		53	42s	60s	49	38s	57s	46		53s	42		
Cam	AK	E10S	3								48s	59								39s	50								41	52s				
Cam	AN	L10	3								48s	59								39s	50								41	52s				
Cam	AT	E10S	3	57					45s	55					43s	53						41s		51	60s		39s		48					
JD	611	...		93	94	95	96	97	98	99																								
JD	612	...								0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	

2026 Jun	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Cep EX L10 2											69												13												
Cep NN E10S 2													38	41s	44	47s	50	53s	56	59s															
Cet TU E10S 2																																			
Cet TV L10 2																																			
Com S 90 2			53			46			39				50		43								47		40										
Com ST 90 2		52			52			51			50		50				49		49				48		48			47							
CrB U S10 2														57								48						38							
CrB RV 90 3		45	45	44	44	43	43	42	42	41	41	40	40	39	39	38	38																		
Cyg UY RR 2		57				49					42	54							39	51				43	56				48	60					
Cyg XZ RR 2						57	51	44					57	50	44							57	50	44				57	50	44					
Cyg BO E10S 2			52	40s							54	42s					57	45s						59	47s										
Cyg BR E10S 3		45	45s	45			45s	45			45s	45	45s	45	45s		44	44s				44	44s	44		44s	44		44s	44					
Cyg DM RR 2		54		48			58	42	52				46	56	40		49	59	43				53	47			57	41	51						
Cyg EM K10 2		41	57	45	48		52	39	55	43		59	46	50		54	41	57	45			48	52	39	55	43	59	46	50						
Cyg V0367 L10 2		\	\	95	/	/					\	\	25s	/	/							\	\	55	/	/									
Cyg V0463 E10S 2		53	59s														41s	47	53s	58															
Cyg V0477 E10X 3		53	59s	56s							60s						41s	47	53s	58															
Cyg V0541 L10 3										63+															97+										
Cyg V0548 E10S 3				52s	42								54s	45								57s	47	38s						60s					
Cyg V0788 L10 2																						19	15	11/											
Cyg V0891 E10S 2							56	47			38																	53	43						
Cyg V0909 E10S 3					49s							38				51											53								
Cyg V1061 E10S 2														42									46				50								
Cyg V1918 E10D 2		51	54s	57	40	43s	47	50s	53	57s	39+	42	46s	49	52s	56	38+	42s	45	48s	51		55s	58	41	44s	47	51s	54	57s	40+	43			
Del DX 90 2				56	51		45						60	54	49	43							58	52	47	41				56					
Dra RW RR 2		51	40		50		39	60	49				59	47			57	46		56		45		55	43			53	42						
Dra SU RR 3			48	47			45	43	41				39											60			58	56							
Dra SW RR 3				49				47					46	60	45		59			44	58			42	56			41	55						
Dra TZ E10D 3		48s		51	38		54s	41s	57		44			47s			50		53s		40s	57	43			60s	46s		49						
Dra VZ 90 3			59	56	52	48	45	41					58	54	51	47	43	40				57	53	50	46	42	38		59	56					
Dra XZ RR 58 53 49 44 39												59	54	49	45	40						59	55	50	45	41									
Dra AI S10 3		56						56								55											54								
Dra BF L10 3		56						56	46s							55											54								
Dra BK 90 2		59		55			51		47				43				39	58		54						50		46		42	60				
Dra BU E10S 3		59	55s	51	46s	42	38s																60s	56	52s		48	43s	39						
Dra DD 90 3		47	45	43	41	39						60	58	56	54	52	50	48	46	44	42	40	38					59	57	55					
Dra EX K10 2		51	56	40	45	50	55	39+	44	49	54	38+	43	48	52	57	41	46	51	56	40	45	50	55	39+	44	49	54	38+	43	48				
Dra GV L10 2																	58																		
Equ S S10 3																							57					44							
JD 611 ..		93	94	95	96	97	98	99																											
JD 612 ..								0	1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23		

2026 Jun		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Gem RY	L10	2																																		
Gem OW	L10	2																																		
Her TW	RR	2	54		54		54		53		53		53		53		53		52		52		52		52		52		51		51					
Her TX	S10	3	50	53s	56	59s																														
Her UX	E10D	2		39s		49s		59s				46		56					43s				53s			40		50								
Her VX	RR	2			54	45				55	46			56	47			38		57	48		39		57	49	40		58	49						
Her VZ	90	2		50	38			58	46		54	42		51	39				59	47			55	43		51	39		60	48						
Her AK	S10	3	52s	57	42	47s	52	58s	42s	47	53s	58	43	48s	53	38+	43s	48	54s	38+	43	49s	54	39+	44s	49	55s	39+	44	50s	55	39+				
Her AR	90	3		57	51	45	39				56		50	44	38					55	49	43				60	54	48	42							
Her AW	L10	2		45									25										5								85					
Her DI	L10	3		45						55s			25										5+								85					
Her GU	E10U	2		54										39s		57											42s		60							
Her LV	L10	2		54										39s		57											42s		60							
Her MM	E10S	2	44			42s				40					38s																					
Hya AI	L10	2																																		
Lac RW	L10	3									35s												72s													
Lac SW	S10	3	53s	49s	45s	57	54	50	46	42+	55s	51s	47s	43+	55	52	48	44+	40+	53s	49s	45s	41+	53	50	46	42+	38+	51s	47s	43+	39+				
Lac UW	E10S	3		91						20				50						79					8						37					
Lac CO	E10X	3				38+				46+		55+														43+		51+								
Lac V0345	E10X	3							48+					97+									46+					95+								
Lac V0364	E10X	2							48+		54s			97+										46+				95+								
Leo RR	RR	2											40						38																	
Leo SS	RR	2		40																																
Leo ST	RR	3							41										40																	
Leo AM	S10	3							38s		39																									
Lyn TY	E10S	2				42																														
Lyr RR	RR	3	38	51				48			45	58		41	55				38	52				48				45	58							
Lyr RZ	90	2	38	41	43	45	47	50	52	54	56	59													39	41	43	46	48	50	52					
Lyr UZ	S10	3		57s	52	46s	41														59s	54	48s	43												
Lyr CN	90	2	39	45	51			56	39	44			50	56	38			44	49			55			43		43	49	54	60						
Lyr EZ	RR	2		42	47	52	57						40	45	50	55								38	43	48	53	59								
Lyr IO	90	2	48			52			40	56			44	60				48					52			41	56	45	60							
Lyr beta			65							12s				59										6s				53								
Mon UX	E10S	2																																		
Mon VV	E10S	2																																		
Mon AR	L10	1																																		
Mon AV	E10S	2																																		
Mon IL	E10S	2																																		
Oph U	ST	2			54	38s				57	41s			60	44s								48s			51s					54s					
JD 611	..		93	94	95	96	97	98	99																											
JD 612	..									0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			

2026 Jun		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Oph	ST	90	2	42			57	47				53	43			58	48	38			53	43			59	49	39			54	44					
Ori	Z	E10S	2																																	
Ori	BM	E10S	2																																	
Ori	CP	E10S	2																																	
Ori	DN	L10	2																																	
Ori	FO	L10	2																																	
Ori	V1016	L10	2																																	
Peg	U	S10	2		60			59		59				59		59	53s			59	52s		59	52s		58	52s		58	52s		58	52s			
Peg	VV	RR	2	53	51	48																60	58	55	53	51	48	46	44	41						
Peg	VW	L10	2	53	51	48																60	58	55	53	51	48	46	44	41						
Peg	AV	RR	3		59	54		49		44				57		52		47			42	59		54		50		45		40	57		52			
Peg	AW	L10	2		33				65s						96							27s					58					89s				
Peg	BH	90	2							54							59					52					57		49							
Peg	CG	90	2				55	48						55	49	42						56	50	43				57		50	44					
Peg	DF	L10	3						12																											
Peg	DH	RR	2						50	52	55	57	59								49	51	53	56	58	60				45	48	50				
Peg	GH	E10S	2	53								48s					59s					43				54										
Peg	IP	K10	2		59	54	60	54		60	55			56	51	56	51		51		57	52		57	52	47	58	53	48	59	53	48	59			
Per	RW	L10	2																																	
Per	RY	E10S	2																																	
Per	AG	E10X	2																						52s											
Per	AR	90	2																						59		57		55							
Per	AY	L10	2					37										14													92					
Per	KN	E10U	3							60							59s					57			60	55s			58s							
Per	LX	L10	2		50				52s				54			56s						58			60s				61							
Per	beta																							58s												
Psc	RU	90	2						59										57							59	54									
Psc	SS	90	2				60																		56	58	59									
Sge	SY	E10S	3	47s						55s												39					47									
Ser	VY	RR	2		50				50													50							50							
Ser	AN	90							41	45	50	54	59									42	46	50	55								38			
Ser	BH	90	2	49		53	40		58	45			49		53	40					57	44			48		52	39		57	44					
Ser	EG	L10	2	53					50s				47						45s						42				40s							
Ser	LX	K10	3	49	44+	39+	50	45	40+	51	46	41+	52	47	42+	53	48	43+	38+	49	44+	39+	50	45	40+	51	46	41+	52	47	42	42	53	48		
Tau	V1094	L10	2																																	
Tri	X	S10	3												60	57																				
Tri	RU	E10S	2								56s																				54					
Tri	UX	90	2					59						59																60	53					
UMa	W	S10	3	47	47	47	47	47	47	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
JD	611	..		93	94	95	96	97	98	99																										
JD	612	..							0	1	2			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		

2026 Jun		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UMa	RV	RR	2	56	50	43					58	52	45	39				60	54	48	41			56	50	43								
UMa	RW	E10S	2								59s																							
UMa	TU	RR	3	47			38	49				40				42						43												
UMi	W	S10	3										41					52										43						
Vir	ST	90	2	38		43		48					41	47					40	45				38			44							
Vir	AG	E10D	2	41							44s	40							44s	40								40						
Vir	AH	S10	2	41	43s	45	47s					38	40s	42	43s	45							38	40s	42									
Vir	AT	90	2				40									39									38									
Vir	AV	90	2											49	46			43	40															
Vir	CG	E10S	3	54s	48s	41s				56	49	43						51s	44s	38s					52	46	39							
Vul	Z	S10	2				44																				54							
Vul	BN	90	2	43			40	59		56			53		50			47		44				41	60	38	57		54					
Vul	DR	E10X	3			44+								45+									45+						45+					
Vul	EV	E10S	2													47												58						
JD	611	...		93	94	95	96	97	98	99																								
JD	612	..							0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
2026 Jul			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
And	SW	RR	2	47			57	45			55	43			53			51			61	49			59	47		57	45		55			
And	SY	L10	1	76/																														
And	TW	S10	3	52s	58																											38s		
And	XX	90	2		45				51					57			46						52		41	58		47						
And	CD	L10	2											78\	\	84s	/	91/																
And	OV	90	3			56	50	44					56	50	44	38					56	50	44	38			62	56	50	44	38			
Aqr	SW	RR	2			56	48				54	45				59	51	43						56	48	40	61	53	45	37				
Aqr	SX	90	2	59				41	48	56					45	52	59							41	48	56		38	45	52		59		
Aqr	CD	E10S	2		8			92				76					60						43				27					11		
Aqr	HH	90	2			55			57				59			61			49				51			53				55				
Aqr	LL	L10	2								76										85s											94		
Aql	AA	RR	2		43	52	60		41	50	58		39	47	56	37	45	54			43	52	60	41	50	58	39	48	56					
Aql	V0341	90	2	57			46			50			39	55		44	60			49			38	53		42	58			47				
Aql	V0889	L10	3	57			46	84s	50			39	55		44	60	96s	49				38	53		42	58		8s	47					
Aql	V1353	E10S	2				47s		60		43		55s		38s			50				45s	57			40			53s					
Aql	V1426	E10S	2	13+	31+	48	7+	25+	42s	1+	18+	36+	54	12+	30+	47s	6+	24+	41+	59	17+	35+	52s	11+	29+	46	5+	22+	40+	58s	16+	34+	51	10+
Aql	V1430	E10S	2		51	38		57s	44s		50			56s	43s		49			55s	42s		61	48		54s	41s		60	47				
Ari	X	RR	3																									61		56				
Ari	RS	L10	2								37								17							98								
Aur	CQ	L10	2																						60			91s						
JD	612	...		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53

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Aur IY E10S 2																					57												
Aur epsil																																	
Aur zeta																																	
Boo RS RR 2	42	56		44			46			48		37	50	39			52		40			42			44		46			48			
Boo TW 90 3		39	46	52	59						38	44	50	57							42	49	55				41	47					
Boo UU 90 3		57	49	40				51	43				54	45	37						48	39			51	42			53	45	36		
Boo UY 90 2					46		41															43		38									
Boo AC E10D 3	40+	46	52	40+	46s	51s	39+	45	51	39+	45s	50s	39+	44	50		38+	44s	50s	38+	43	49	37+	43s	49s	37+	43	48	36+	42s	48s	36+	
Boo CM 90 2			43		48								40									44				36		40					
Boo CQ 90 2	49		46		43		41		38				48		45						43		40		37			45		42	39	37	
Cam SS E10S 2		46s		87			28s		69			10s		51			92s		34			75s		16		57s		98			39s		
Cam SV S10 3		50s	39	57	46s		54	43s	51		40s	58s	47	55s	44		51s	40	59	48s	37	55	44s			52	41s	59s	48	37s	56s		
Cam AK E10S 3								43s	54										45	56s							36	47s	58				
Cam AN L10 3								43s	54										45	56s							36	47s	58				
Cam AT E10S 3	58s						46		56s				44	54s								42		52s	61		40	50s			59		
Cnc S L10 3																																	
Cnc RU L10 2																																	
Cnc RZ L10 2																																	
Cnc TU E10S 3																																	
Cnc TW L10 2																																	
Cnc UU L10 2																																	
Cnc ZZ L10 2																																	
CVn W 90 2			46					43	53				39	50						46					43					40			
CVn Z 90 2	46		42		39												50		46		43		39										
CVn RS S10 2					45																									44			
CVn RZ 90 2			45					43				40					37					48			45				42				
Cas RX L10 2				\	\				6s			/	/									\	\		23		/	/					
Cas RZ S10 3	51						49						47														61					40	
Cas SX L10 2																			45\	\	28	/	11/										
Cas TV S10 3					54									60			42								48								
Cas TW S10 3				52			38							52											52		38						
Cas TX E10S 2												58		51						43												60s	
Cas AQ L10 2	21	26/					1\	7s	12/			88\	93	98/					74\	79s	84/				60\	65	70/		46\	51s	57/		
Cas BM L10 2																																	
Cas DN E10S 3	46							39	55s								48s									42s	57					50	
Cas GG E10S 2									58																	62		38					
Cas GU E10U 3													42				51																
Cas IL E10S 2																												43					
Cas IT E10X 3					40s																							43					
JD 612 ...		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	

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Cas PV E10X 3							50s					50s										51s					51s						
Cas V0368 E10S 2						54s						44s												57									
Cas V0375 E10D 2			41					57s				52s	46s				41s						57		52			46			41		
Cas V0381 E10X 3		59s	41					57+				52s	46s	55s			41s						57+		52			46	52s		41		
Cas V0459 L10 3		59		93s				57				39s	55									84s	54					52	30s				
Cep RZ 90		40	56	49	41			57	50	43		59	51	44	37	60	53	45	38	61	54	47	39		55	48	40	57	49	42			
Cep VW S10 3		48s	46+	43+	41+	38+	49s	47	44+	42+	39+	50s	48	45+	43+	40+	37+	49	46+	44+	41+	38+	50	47+	45+	42+	39+	37+	48+	45+	43+	40+	
Cep XX S10 3			52						53								54							55								56	
Cep XY E10S 2		60														47												57					
Cep ZZ S10 2												42	56														42	56					
Cep AI E10S 2			39s		51																		41		52s								
Cep CW E10X 3					59+											51+												43+					
Cep EI L10 2					6				28s				50					72s				94						16s			38		
Cep EX L10 2							56														0												
Cep NN E10S 2																	38	40s	43	46s	49	52s	55	58s	61								
Cet RR RR 2																																58	
Cet TU E10S 2												28						67				6						45				84	
Cet TV L10 2																		48+									58+						
Com S 90 2			44			38						41											39										
Com ST 90 2		47		46			46			45			45																				
CrB U S10 2																																45	
CrB RV 90 3							60	60	59	58	58	57	57	56	56	55	55	54	54	53	53	52	52	51	51	50	50	49	48	48	47	47	
Cyg UY RR 2			41	53				45	57			38	50				42	54				47	59		39	52				44		56	
Cyg XZ RR 2				57	50	43					57	50	43	37				57	50	43	37				56	50	43	36					56
Cyg BO E10S 2			50s								52s	40					55s	42						57s	45							60s	47
Cyg BR E10S 3		44s	44	43s			43	43s			43	43s	43				43s	43				43s	42	42s			42	42s					42
Cyg DM RR 2			45	55			39	49	59			43	53	37			47	56	40			50	60	44			54	38	48			58	
Cyg EM K10 2			54	41	57	45		48	52	39		55	43	59	46		50	37	54	41	57	45	61	48	52		39	55	43	59	46		
Cyg V0367 L10 2		85s	/	/								14	/	/																		74	
Cyg V0463 E10S 2					41		47s	53	58s														41s	47	52s	58							
Cyg V0477 E10X 3					41		47+	53	58s							46s						50s					41s	47	52s	58	54s		
Cyg V0541 L10 3											31+																						
Cyg V0548 E10S 3		50	40s								53	43s																	58	48s	38		
Cyg V0788 L10 2																																	
Cyg V0891 E10S 2																						59	49		40								
Cyg V0909 E10S 3			55s							56				37								57s		38s			59		39				60s
Cyg V1061 E10S 2				54								58																					
Cyg V1918 E10D 2		46s	50	53s	56	39+	42s	45	49s	52	55s	38+	41	45s	48	51s	54	37+	40+	44	47s	50	54s	36+	39+	43s	46	49s	53	56s	39+	42	
Del DX 90 2		50	45	39				59	54	48		43	37									57	51	46	41		60	55	49	44	39		
JD 612 ..		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	

2026 Jul	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Dra RW	RR	2	52	40			50	39		49		38	59	48			58	46				56	45		55	44		54	42						
Dra SU	RR	3	54	52	51		49	47				45	43	41			39	37				48	62			46	60	60			59				
Dra SW	RR	3	40	54	39		53			51				50			52s	38s				58s	44s		61	47		51s	37s						
Dra TZ	E10D	3			52s	39s	56	42		59s	45s			48			52s	38s				58s	44s		61	47		51s	37s						
Dra VZ	90	3	52	48	45	41			58	55	51	47	43	40			61	57	53	50	46	42	39		60	56	52	48	45	41	37				
Dra WW	S10	3					51															40													
Dra XZ	RR		60	55	51	46	41					61	56	51	47	42	37					61	57	52	47	43	38					62			
Dra AI	S10	3	53					53						52											51							50			
Dra BF	L10	3	53					53						52											51							50			
Dra BK	90	2		38	56		53			49			45		41		59	37	55			51			47			43	62			39			
Dra BU	E10S	3															57s	53	49s	45	40s														
Dra DD	90	3	53	51	49	47	45	44	42	40	38			60	58		56	54	52	51	49	47	45	43	41	39	37			61	59				
Dra EX	K10	2	53	58	42	47	52	57	41	46	51	56	40+	45	50	55	39+	44	49	53	37+	42	47	52	36+	41+	46	51	56	40+	45	50	55		
Dra GV	L10	2									43																								
Equ S	S10	3																					49						37						
Gem RY	L10	2																																	
Gem OW	L10	2																																	
Her TW	RR	2	51		51	51		50		50		50		50	50		49		49			49		49		49		48		48		48			
Her TX	S10	3	40	43s	46	49s	52	55s	58																										
Her UX	E10D	2	60				47s			57s				44			54								41s		51s								
Her VX	RR	2	41		59	50	41			51		42			52		43			53		44			54		54	45	36				46		
Her VZ	90	2		56	44		52	40		60	49	37	57	45			53	41		61		49	37		58	46		54	42						
Her AK	S10	3	45s	50	56s	40s	45s	51s	56	40	46s	51	56s	41s	46	51s	57	41	47s	52	57s	42s	47	52s	37s	42	47s	53	37	43s	48	53s	38s		
Her AR	90	3		59	53	47	41					58	52	46	40					57	51	45	39				62	56	50	44	38				
Her AW	L10	2						65									45											25							
Her DI	L10	3	65s					65					20s				45								75s		25								
Her GU	E10U	2								45s															48s										
Her LV	L10	2								45s															48s										
Hya AI	L10	2																																	
Lac RW	L10	3	9s										46s												83s										
Lac SW	S10	3	52	48	44+	40+	52s	49s	45s	41+	53	50	46	42+	38+	50s	47s	43+	39+	51	48	44+			40+	52s	48s	45+	41+	37+	49	46+	42+	38+	50s
Lac UW	E10S	3			66					95															82									11	
Lac CO	E10X	3	60+											39+		48+																			
Lac V0345	E10X	3						44+																	43+										
Lac V0364	E10X	2		60s				44+																	43+										
Lyr RR	RR	3	42	55		39	52				49				46	59				42	56		39	52			36	49					46		
Lyr RZ	90	2	55	57	59												37	40	42	44	46		49	51	53	55	58	60	62						
Lyr UZ	S10	3						56	50s	45	40s															58	53s	47	42s	36					
Lyr CN	90	2	42		48	54	59	42		47			53		59	41		47		52			58	40		46	52		57	40			45		
JD	612	..	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		

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Lyr	EZ	RR	2		41	46	51	57						39	44	49		55	60						37	42	47	53	58						
Lyr	IO	90	2	49		38	53		42	57			45	61				49		38	53			42	57		46	61				50			
Lyr	beta				00s						47							94s						41				88s							
Mon	UX	E10S	2																																
Mon	VV	E10S	2																																
Mon	AR	L10	1																																
Mon	AV	E10S	2																																
Mon	IL	E10S	2																																
Oph	U	ST	2	38				41				44						47					51					38s							
Oph	ST	90	2		49	39		55	45			50	40					46				51				46	36				42				
Ori	Z	E10S	2																																
Ori	BM	E10S	2																																
Ori	CP	E10S	2																																
Ori	DN	L10	2																																
Ori	FO	L10	2																																
Ori	V1016	L10	2																																
Peg	U	S10	2		58	52s	58	51s	58	51s			57	51s	45	57	51s	45	57	51s	44	57	50s	44	57	50s	44	56	50s	44	56	50s	44+		
Peg	VV	RR	2							60			58	55	53	51	48	46	44	41	39	37										62	60		
Peg	VW	L10	2							60			58	55	53	51	48	46	44	41	39	37		44s							62	60			
Peg	AV	RR	3	48	43	60	38	55	50	45			41	58	53			48	44	43	60	38	56		51		46	41	58	36	53				
Peg	AW	L10	2		20				51s						83								14s			45					76s				
Peg	BH	90	2		54	46				59			51	44							57	49	41			62	54		46						
Peg	BK	E10S	3																						61						59				
Peg	CG	90	2		58	51	44	38		58	52		45	39				59	52	46	39				60	53	47	40			60	54			
Peg	DF	L10	3				51																21												
Peg	DH	RR	2	52	54	56	59		42	44	46		49	51	53	55	57	60			41	43	45	47	49	52	54	56	58	60	37	39	41		
Peg	GH	E10S	2		48s				60s					43					54				38s				49s						60s		
Peg	IP	K10	2	54	49	60	55	50	45+	55	50	45	56	51	46	56	51	46	41+	52	47	42+	53	47	42+	53	48	43+	38+	49	44+	38+	49	44+	
Per	RW	L10	2		69																									8					
Per	RY	E10S	2																																
Per	AG	E10X	2													55			55s		58s		61s												
Per	AR	90	2									60		57					55			53				51		49	62	47			60		
Per	AY	L10	2								69															47									
Per	IQ	E10X	2																58+								56+							53+	
Per	KN	E10U	3		56		60	55s		58s			53	61s	56			51s	59		54s		49	58s		53	61s	47s	56		51s	59			
Per	LX	L10	2	63s			65			67s				69					71s				73			75s			77						
Per	beta																								56										
Psc	RU	90	2		57	52			60			55	50						58		53		48			61	56	51					46		
Psc	RY	90	2		56							57										51	57						52	58					
JD	612	...		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	

2026 Jul		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Psc	SS	90	2				51	53	54	56			57	59				60	61	48			49	51	52		54	55				57		
Sge	SY	E10S	3	55								40s							48s					56s										
Ser	VY	RR	2		50																													
Ser	AN	90		42	47	51							39	43	48	52								40	44	48								
Ser	BH	90	2	48			52	39			43		47			51	38			42			47			38		42				46		
Ser	EG	L10	2	37				34s					32						29s				26				24s					21		
Ser	LX	K10	3	43	38+	49	44	39+	50	45	40	51	46	41	52	47	42	37+	48	43	38	49	44	39	50	45	40	46	41	36	47	42	38	
Tau	RW	S10	2										58																					
Tau	V1094	L10	2										93+											92+						91+				
Tri	X	S10	3																60	58	55		52	49										
Tri	RU	E10S	2										61						51s											58s				
Tri	UX	90	2				60	53					61	54	47					61	54	48			61	55	48							
UMa	W	S10	3	50																									36s	36s	36s			
UMa	RV	RR	2	58	52	45	39			60	54	47	41						56	50	43	37			58	52	45	39				54		
UMa	TU	RR	3				38				39																		36					
UMa	TX	S10	2				43																											
UMi	W	S10	3			53										44																		
Vir	ST	90	2				42						40							39								37						
Vir	AH	S10	2		38									37s																				
Vir	AV	90	2										39																					
Vir	CG	E10S	3	47s	41s					42									44s	37s					39								40s	
Vul	Z	S10	2				45																		54				45					
Vul	RR	E10S	2																37					42			47						52	
Vul	BN	90	2			51		48		46			43	61	40				58	37	56			53	50				47				44	
Vul	DR	E10X	3																										46+					
Vul	EV	E10S	2		40														52															
JD	612	..		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
2026 Aug																																		
And	SW	RR		43			53	41		62	51	39		60	49	37	58		47	35		56	45		33	54	43		64	52	41		62	50
And	SY	L10	1			58\	63	67\																										
And	TW	S10	3	44		50s	56			63s																								
And	XX	90	2			53			42		59			48			37		54			43		60		49		66	38		55			
And	CD	L10	2																22\	\	29	/	35\											
And	OV	90	3				62	56	50	44	38			62	56	50	44	38	38			62		56	50	44	38	32			62	56	50	44
Aqr	SW	RR	2	58	50	42			63	55	47	39		61	52	44	36			58	49	41					33	55	47	38			52	44
Aqr	SX	90	2				41		48	56	63			38	45	52	59					34	41		48	56				38	45	52	59	
JD	612	..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84

2026 Aug			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Aqr	CD	E10S	2				95					79						62				46					30					14				
Aqr	HH	90	2		42	57			44	59			46	61			49	63				51		38	53		40	55			42	57				
Aqr	LL	L10	2										3s										12										21s			
Aql	AA	RR	2	37	46	54		35	44	52			42	50			40	48		57		38	46	55		36	44	53	34	42	51		32	40		
Aql	V0341	90	2		36	52			41	56			45			34	50			39	54			43			32	48			37	53				
Aql	V0889	L10	3		36	52			41	56		20s	45			34	50			39	54		32s	43			32	48			37	53		45s		
Aql	V1353	E10S	2	36s		48		60s				43s	55			38		50s					33s	46				41s		53			36			
Aql	V1426	E10S	2	28+	45s	4+	21+	39+	56	15+	33+	50s	9+	26+	44	3+	20+	38+	55s	14+	32+	49	8+	25+	43s	2+	19+	37+	54	13+	30+	48s	7+	24+		
Aql	V1430	E10S	2		53s	40s			46				39s			45			51s	38s			44			50s	37s		43			49s	36s			
Ari	X	RR	3									63			58		54									65	61		56		51			47		
Ari	RS	L10	2			78												58							39									19		
Ari	AL	E10S	2																										66							
Aur	TZ	90	3				63								64		59								64	60		56					65			
Aur	CQ	L10	2				22				53s					84						16s					47					78s				
Aur	IY	E10S	2				54												51																47	
Aur	V0432	E10S	2													60																		55s		
Aur	epsil																																			
Aur	zeta																																			
Boo	RS	RR	2	37			38			40			42				44					35					38		40							
Boo	TW	90	3				39	46								38	44					36		43						34	41					
Boo	UU	90	3			47	39					50	41				44		35				46	38				41	32					43		
Boo	UY	90	2						35																											
Boo	AC	E10D	3	42	48	36+	41s	47s	35+	41	47	35+	41s	46s	34+	40	46	34+	40s	45s	34+	39	45	33s	39s	45s	33	38	44	32s	38s	44s	32		38	
Boo	CM	90	2							37																										
Boo	CQ	90								41	39			36										38		35		33								
Cam	SS	E10S	2		80		22s			63		4s		45		86s			27		68s			10	51s		92				33s			74		
Cam	SV	S10	3	45		52s	41	60	49s	38	57	46s	35+	53	42s	61s	50	39s	57s	46	35+	54s	43	61	50s	39	58	47s	36+	54	43s	32+	51	40s		
Cam	AK	E10S	3						38s	49	60s								40	51s	62								42s	53	64s					
Cam	AN	L10	3						38s	49	60s								40	51s	62								42s	53	64s					
Cam	AT	E10S	3		38		48s			57			36		46s		55		64s	34		43s		53		62s	32	41s		51		60s				
Cnc	S	L10	3																																30	
Cnc	RU	L10	2																																	
Cnc	RZ	L10	2																																	
Cnc	TU	E10S	3																																61\	
Cnc	TW	L10	2																																	
Cnc	UU	L10	2																																	
Cnc	ZZ	L10	2																																	
CVn	W	90	2			36	46					43					40					36						33						40		
CVn	Z	90	2						43		39	35																39		35						
JD	612	..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84		

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CVn RZ	90	2	39				36				34											39				36						33						
Cas RX	L10	2					\	\			39s		/	/								\	\			56		/	/									
Cas RZ	S10	3	59				37	57					35	54											50							47						
Cas SX	L10	2																					1\	84	/	67/												
Cas TV	S10	3		54		35							60		42										48													
Cas TW	S10	3		52			38						52				37						52			37						66						
Cas TX	E10S	2		53s			46s			38s													55			48			41				34					
Cas AQ	L10	2		32\	37		43/			18\		23s	29/				4\	9	15/			90\	95s	/	1/		76\	81	87/									
Cas BM	L10	2					\	\																									14					
Cas DN	E10S	3					44	59s						37	53s								46s	61						39s	55							
Cas GG	E10S	2										41															44											
Cas GU	E10U	3											35				44						63															
Cas IL	E10S	2																									49											
Cas IT	E10X	3		58s			47s					37s															49											
Cas OX	E10X	3																												58+								
Cas PV	E10X	3			51s							51s											60+	52s					58+									
Cas V0368	E10S	2		47								38		60s									51s															
Cas V0375	E10D	2		62s	36	57s			51s			46s		41s			62	35s		56			51		46			40		61s			35					
Cas V0381	E10X	3		62s	36	57+			51s			46s	49s	41s			62	35s		56+			51		46	46s	40		61s				35					
Cas V0459	L10	3				50	76s					49					22s								68s	46												
Cep RZ	90		58	50	43	36	59	52	44	37	60	53	46	38	62	54	47	40	63	56	48	41	33+	57	49	42	35+	58	51	43	36	59	52					
Cep VW	S10	3	38+	35+	46+	44+	41+	39+	36+	47+	45+	42+	40+	37+	34+	46+	43+	41+	38+	35+	33+	44+	42+	39+	36+	34+	45+	42+	40+	37+	35+	32+	43+					
Cep XX	S10	3						58																				61										
Cep XY	E10S	2								44																									64			
Cep ZZ	S10	2									41		55														40		54									
Cep AI	E10S	2									42s		53															32s	44					55s				
Cep CW	E10X	3			61+																					45+												
Cep EI	L10	2		60s			82						4s				26									70			92s									
Cep EX	L10	2		43													87																	30				
Cep NN	E10S	2																									34s	37	40s	42	45s	48	51s	54	57s	60	63s	66
Cet RR	RR	2			55					53	64				51	61											46	57							65			
Cet RV	90	2											64					63								62			60									
Cet TU	E10S	2			23				63									41										19							58			
Cet TV	L10	2			69+																														00+			
Cet XY	E10S	3					60s																												63s			
Com S	90	2	36																																			
CrB U	S10	2			35																																	
CrB RV	90	3	46	46	45	45	44	44	43	43	42	42	41	41	40	39	39	38	38	37	37	36	36	35	35	34	34	33	33	32	32	31						
Cyg UY	RR	2		37	49	61			41	53				34	46	58											43	55								40		
JD	612	..	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83				84		

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Cyg XZ RR 2		50	43	36			63	56	50	43	36			63	56	49	43	36			63	56	49	43	36		63	56	49	43	36				
Cyg BO E10S 2		35s					62s	50	38s					52	40s						55	43s						57	45s	33					
Cyg BR E10S 3			42s	42			42s	41	41s			41		41s	41		41	41s	41			41s	41				40s	40	40s						
Cyg DM RR 2		42		52	36	62	46		56	40		50	34	60	44s		53	37	63	47		57	41		51	35	61	45	55	39	65				
Cyg EM K10 2		50	37	54	41	57	45	61	48	35	52	39	55	43	59	46	34+	50	37	54	41		57	45	32+	48	35	52	39	55	43	59	46		
Cyg V0367 L10 2		/							4s	/	/							34	/	/							64s	/	/						
Cyg V0463 E10S 2									35s	41		46s	52	58s	64													35	41s	46	52s	58			
Cyg V0477 E10X 3			58s						35s	41+		46s	52	58s	64							36s					35	41s	46+	52s	58				
Cyg V0541 L10 3										98+															32+										
Cyg V0548 E10S 3							60	51s	41						63		53s	44	34s							66	56s	46	36s						
Cyg V0788 L10 2									4	96/																									
Cyg V0891 E10S 2							55	46				36															61	51	42						
Cyg V0909 E10S 3			41s				61	42						63s			43s							45									46s		
Cyg V1061 E10S 2							39						43														51								
Cyg V1918 E10D 2		45s	48	52s	55	38+	41+	44	48s	51	54s	37+	40+	43+	47	50s	53	36+	39+	42+	46s		49	52s	35+	38+	42+	45+	48s	51	34+	37+	41+		
Del DX 90 2			58	53	47		42	36				62	56	51	45	40	34				60	54	49	43	38	32			58	52	47				
Dra RW RR 2			52	41	62		51	40	61	50		38	60	48	37			58	47	35			57	45	34	56	44	33	54	43	31				
Dra SU RR 3		58		56	54			53	51			49	47	45			43	41				40	38	36			34	66	32	64					
Dra SW RR 3			44	58				43	57			42	55	40			54					39	53			38	52	66	37	51	64			35	
Dra TZ E10D 3		54	40		57s	43s	60	47	63s			50s	36s	53	39			56s	42s	59		46		62s	49s	35s	52	38	55s	41s					
Dra VZ 90 3		62	58	55	51		47	44	40	36		61	57	53	50	46	42	39	35	63	60		56	52	49	45	41	37	34	62	58	55	51		
Dra WW S10 3														54														43							
Dra XZ RR 3		57	53	48	43	38				63		58	53	49	44	39	34				63		59	54	49	44	40	35			64		59		
Dra AI S10 3							50						49						49														47		
Dra BF L10 3			52s				50						49						49														47		
Dra BK 90 2		58		35	54			50		46		64	42	60			38	56		34	52			48			44	63	40	59					
Dra BU E10S 3								59	54s	50	46s	42	37s																	56			51s		
Dra DD 90 3		58	56	54	52	50	48	46	44	42	40	38	36	34	63		61	59	57	55	53		51	49	47	45	43	41	39	37	35	33+	31+		
Dra EX K10 2		39+	44	49	54	38+	43	48	53	37+	42+	47	52	36+	41+	46	51	35+	40+	45	49		33+	38+	43+	48	32+	37+	42+	47	52	36+	41+		
Dra GV L10 2			29																										14						
Equ S S10 3														55									42												
Eri SV 90 2																							58					58					58		
Gem U K10 2												64	63				62												64				64		
Gem RR 90 2																																			
Gem RY L10 2																													79						
Gem SV E10S 1														59									60				61					62			
Gem WW E10S 2								62s															61					56			66s				
Gem YY S10 2														62s											62			65s							
Gem OW L10 2																																			
JD 612 ..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84			

2026 Aug	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Her TW RR 2		48	48				47	47	47			47	47				46	46	46			46	46			45	45	45						
Her TX S10 3				36	39s		42	45s	48	51s	54	57s	60																					
Her UX E10D 2			35s				45s			54s			42				51			39s			48s				36		45					
Her VX RR 2	37				47		38			48		39					40					41					41	33				42		
Her VZ 90 2	50	38		58	46		35		55	43		51	39				47	35		56	44			52	40		48	36				44		
Her AK S10 3	43	48s	54	38	43s		49		38s	44	49s	34s	39	44s	50	34	39s	45		34s	40	45s	35	40s	46		35s	41	46s			36		
Her AR 90 3				55	49		43	37					54	48	42	36					53		47	41	35			52	46	40		34		
Her AW L10 2				5									85									65										46		
Her DI L10 3		30s		5									85+									65		40s								46		
Her GU E10U 2				51s												37													40					
Her LV L10 2				51s												37													40					
Hya AI L10 2																																		
Lac RW L10 3	20s												56s										93s											
Lac SW S10 3	46+	43+	39+	35+	47+		44+	40+	36+	48+	44+	41+	37+	49	45+	42+	38+	34+	46+	43+	39+	35+	47+	43+	40+	36+	32+	44+	41+	37+	33+	45+		
Lac UW E10S 3				40							69					98							27				56					85		
Lac CO E10X 3	44+		52+				61+										40+					49+		57+			66+							
Lac V0345 E10X 3							41+						90+									40+						89+						
Lac V0364 E10X 2							41+	36s					90+									40+						89+		41s				
Lyn CD E10S 2																	61																	
Lyr RR RR 3	59		43	56			40	53				36	50	63			46	60				43	57		40	53		37	50		63			
Lyr RZ 90 2							36	38	40	42		45	47	49	51	54	56	58	60										32	34	36	39		
Lyr UZ S10 3										60		55s	49	44s	38													62	57s	51	46s	41		
Lyr CN 90 2		51		57	39		63	45		50		56	38		44		50		56	38		43		49	55	37	43		49		31			
Lyr EZ RR 2		35	40	45	51		56	61					38	43	49		54	59				36	41	47		52	57							
Lyr IO 90 2			39	54			43	58				47		35	51				39	55			43	58	32	47		36	51					
Lyr beta				35								82s					29						76s									23		
Mon UX E10S 2																																		
Mon VV E10S 2																																		
Mon AR L10 1																																		
Mon AV E10S 2																																		
Mon IL E10S 2																																		
Oph U ST 2	41s						44s										34					38					41							
Oph ST 90 2			47	37				42					38				43	33				38					34					39		
Ori Z E10S 2							79					99					19					39					60							
Ori BM E10S 2																							17					64						
Ori CP E10S 2				97								29					61						93					25						
Ori DN L10 2											66												62											
Ori FO L10 2									34																				14					
Ori FT E10X 2									34				61s															14						
JD 612 ..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84		

2026 Aug			P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Ori	GG	E10X	2											61																							
Ori	V1016	L10	2																																		
Peg	U	S10	2	56	50s	43+	56	50s	43+	56	49s	43+	37+	43+	49s	43+	37+	49s	43+	36+	49s	43+	36+	49s	42+	36+	49s	42+	36+	48s	42+	36+	48s	42+	36+		
Peg	VV	RR	2	58	55	53	51	48	46	44	42	39	37	35																							
Peg	VW	L10	2	58	55	53	51	48	46	44	42	39	37	35	51s																						
Peg	AV	RR	3	49					39	56					47	64	42	59	37	54																	
Peg	AW	L10	2																																		
Peg	BH	90	2	39					51						64																						
Peg	BK	E10S	3																																		
Peg	CG	90	2	47	41				61	54	48	41	35																								
Peg	DF	L10	3				91																														
Peg	DH	RR	2	44	46	48	50	53	55	57	59	36+	38+	40	42	45	47	49	51	53	56	58	34+														
Peg	GH	E10S	2				44																														
Peg	IP	K10	2	39+	50	45+	40+	50	45+	40+	35+	46+	41+	36+	47+	41+	36+	47+	36+	47+	48+	43+	38+	48+	43+	38+	33+	44+	39+	34+	44+	39+	34+	45+			
Per	RW	L10	2												28																						
Per	RY	E10S	2																																		
Per	AG	E10X	2																																		
Per	AR	90	2				58		55																												
Per	AY	L10	2					25																													
Per	IQ	E10X	2																																		
Per	KN	E10U	3	46	54s	62	49	57s	44s	52	61s	47s	55	42+	50s	59	45	54s	62	49	57s	44+	52	60s	47s	55	42+	50s	58	45	53s	40+	48	57s			
Per	LX	L10	2																																		
Per	beta																																				
Psc	RU	90	2	63			58	54																													
Psc	RY	90	2																																		
Psc	SS	90	2	58	44	59	46		61	47	62	49	64	50	52	53																					
Sge	SY	E10S	3	40																																	
Ser	VY	RR	2																																		
Ser	AN	90					36	40	45																												
Ser	BH	90	2					37																													
Ser	EG	L10	2																																		
Ser	LX	K10	3	48	43	39		44	40	35	46	41	36																								
Tau	RW	S10	2																																		
Tau	EN	E10S	3																																		
Tau	V1094	L10	2																																		
Tri	X	S10	3																																		
Tri	RU	E10S	2																																		
Tri	UX	90	2	62	55	48	42																														
UMa	W	S10	3	36s	37s																																
JD	612	..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84			

2026 Aug		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
UMa	RV	RR	2	47	41	35					49	43	37				51	45	39					47	41	34						43		
UMi	W	S10	3	45				55						36					46				56								37			
Vir	ST	90	2	36																														
Vir	CG	E10S	3							35							37s						32								33s			
Vul	Z	S10	2		36																55			46						37				
Vul	RR	E10S	2				57					62																						
Vul	BN	90	2	63		41	60		38	57		35	54			51		48		45			42		39	58	36	55		33				
Vul	DR	E10X	3				47+							47+									47+											
Vul	EV	E10S	2	45														56		38														
JD	612	..		54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
2026 Spt		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
And	SW	RR		39		60	49	37		58	47	35	68	56	45	33	66	54	43	31	64	52	41	29	62	50	39	27+	60	48	37	69	58	
And	SY	L10	1							49\	53	58/\																						
And	TW	S10	3	36s		42	48s			55		61s	67																					
And	XX	90	2	44		61	33		50		67	39	56		45			62	34		51		68	40		57	29		46		63	35		
And	CD	L10	2																		66\	\		73s	/	80/\								
And	OV	90	3	38	32		62		56	50	44	38	32		68	62	56	50	44	38	32	68	62	56	50	44	38	32	68	62	56			
Aqr	SW	RR	2	36			49		41	33		54	46	38	30			51	43	35				48	40	32			45	37	29			
Aqr	SX	90	2		34	41	48		55			30	38	45	52				34	41	48				30	38	45	52						
Aqr	CD	E10S	2	98					81				65					49						33			16							
Aqr	HH	90	2	44	59				46			34	49		36	51			38	53			40			42			29	44				
Aqr	LL	L10	2							29											38s									47				
Aql	AA	RR	2	49		38	47			36	45			34	43			32	41		30		38	47	28	36	45	26	34	43				
Aql	V0341	90	2	42		31	46			35	51			40	29			45		34	49			38			27	43		32				
Aql	V0889	L10	3	42		31	46			35	51			57s	40	29		45		34	49			69s	38			27	43		32			
Aql	V1353	E10S	2	48s		31s			43					38s	51			34		46s			29s	41				36s						
Aql	V1426	E10S	2	42	59s	18+	36+	53s	12+	29+	47	6+	23+	41+	58s	17+	34+	52	11+	28+	46s	4+	22+	40+	57	16+	33+	51s	10+	27+	45	3+	21+	
Aql	V1430	E10S	2		42				48s	35s		41			47s	34s			40		46s		33s		39				32s					
Ari	X	RR	3				68		63		58			54		49	44			70	65			61		56	51		47		42			
Ari	RS	L10	2							99									80							60								
Ari	AL	E10S	2									65														64				38				
Aur	TZ	90	3	61		57	53			66	62			58	54			49	67		63		59		54	50	68	46	64		59			
Aur	CQ	L10	2		9						40s				71						2s				34						65s			
Aur	IY	E10S	2										65		44										61			41						
Aur	V0432	E10S	2		63s														50		58			66										
Aur	epsil																																	
JD	612	..		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																
JD	613	..																	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

2026 Spt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Cas IT E10X 3		40					65s	30				54s			44s			65+									56									
Cas OX E10X 3		56+					54+					52+					50+						48+				45+									
Cas PV E10X 3		52s	56+				54+	52s				52+			52s		50+						48+	27s			45+	52s								
Cas V0368 E10S 2		41s	63								31s	54										44	67s							34						
Cas V0375 E10D 2		56s			51s		46s	67			40s	61	35s			56	30s	51				45	66s	40		61s	35	56s								
Cas V0381 E10X 3		56+			51s		68s	46s	42s	67	40s	61	35+			56+	30s	51				65s	45	39s	66s	40	61s	35+	56+							
Cas V0459 L10 3		44+					68	42	59s				66			41		5s				65	39				51s	63	38							
Cep RZ 90		45	37	61	53	46	39	31+	55	47	40	32+	56	49	41	34+	57	50	42	35+	28+	51	44	36+	29+	52	45	38+	30+	54	46					
Cep VW S10 3		41+	38+	36+	33+	30+	42+	39+	37+	34+	31+	29+	40+	38+	35+	32+	30+	41+	39+	36+	33+	31+	28+	39+	37+	34+	32+	29+	27+	38+	35+					
Cep XX S10 3									30	64						31		65					32	66						34						
Cep XY E10S 2			41												51			29								61			38							
Cep ZZ S10 2									39			53	68											39			53	67								
Cep AI E10S 2			66												34		45s	56				68s														
Cep CW E10X 3			63+			36+								55+			28+									47+										
Cep EI L10 2			14				36s			58					80s										24s			46								
Cep EX L10 2													73															17								
Cep NN E10S 2																							27s	30	33s	36	39s	42	45s	47	50s					
Cet RR RR 2				52	63					50	61				48	58	69		45	56		67		43	54		64		41	52						
Cet RV 90 2		59					58					57	68				55		67			54		66			53		64							
Cet TU E10S 2			97					36				76					15					54		93						32						
Cet TV L10 2										10+																			31+							
Cet XY E10S 3							58								53s			70				49			66s			44s								
CrB U S10 2												33																								
Cyg UY RR 2		52	64		33	45	57		37	49		61	30	42	54				34	46	59		27	39	51			31	44	56						
Cyg XZ RR 2				62	56	49	42	36		62		56	49	42	36	29	69	62	56	49	42		36	29	62	55		49	42	35	29					
Cyg BO E10S 2					60	48s	35					62	50s	38					65	53s	40		28s				55s	43	31s							
Cyg BR E10S 3		40		40s		40		40s		40		40s	39	39s			39		39s		39		39	39s	39			39s	38							
Cyg DM RR 2		49	33	59	43		53	37	63	47	31	57	41		51	34	60	44	28	54	38			48	32	58	42	52	36	46						
Cyg EM K10 2		34	50	37	54	41	57	45	32	48	35	52	39	55	43	30	46	34	50	37	54		41	28	45	32	48	35	52	39	26	43				
Cyg V0367 L10 2			\	\	94		/	/				\	\	24s	/	/							\	\	54	/	/									
Cyg V0463 E10S 2															29	35s	40					46s	52													
Cyg V0477 E10X 3						44s							48s	29	35s	40	46s	52		52s								56s								
Cyg V0541 L10 3										66+															00+											
Cyg V0548 E10S 3			59s	49	39s								61s	51	42s	32							64s	54	44s	35						66s				
Cyg V0788 L10 2																											89l	85	80/							
Cyg V0891 E10S 2		32																48	38				29													
Cyg V0909 E10S 3							47								49s							29s		31				51s								
Cyg V1061 E10S 2				55						59						29						63			33	67				37						
Cyg V1918 E10D 2		44+	47	51s	33+	37+	40+	43+	46+	50	32+	36+	39+	42+	46+	49s	31+	35+	38+	41+	45s	48	31+	34+	37+	40+	44	47s	30+	33+	36+					
JD 612 ..		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																				
JD 613 ..																	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				

2026 Spt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Del DX	90	2	41	36			56	50	45	39	34						54	48	43	37	32				52	46	41	35	30				
Dra RW	RR	2	64	53	41	63	51	40	61	50	39	60	49	37			59	47	36			57	46	35	56	45	33	55	43				
Dra SU	RR	3	62	60	58		57	55			53	51	49				47	45				43	42	40			38	70	36	68			
Dra SW	RR	3	49	63	34	48	62		33	47	61	32	46	60			30	44	58	29		43	57	71	28	42	56	70	27	41	55		
Dra TZ	E10D	3	58	45	31	61s	48s	34s	51	37		54s	41s	57			44	30	47s	33s		50	36		53s	40s		43	29				
Dra VZ	90	3	47	44	40	36	32	61	57	53	50	46					42	39	35	31	60				56	52	49	45	41				
Dra WW	S10	3																							58								
Dra XZ	RR		55	50	45	40	36	31		65	60	55	50	46	41	36	32		70	65	60	56	51	46	42	37	32	28	71	66	61		
Dra AI	S10	3										46					46								45					44			
Dra BF	L10	3										46					46+								45					57s	44		
Dra BK	90	2	36	55	32	51		47	65			43	61	39	57		35	53	31			49	68	27	46	64	42	60	38				
Dra BU	E10S	3	47	43s	39	34s	30											70						48s	44	40s	36	31s	27				
Dra DD	90	3	62	60	58	56	54	52	50	48	46	44	42	40	38	36+	34+	32+	30+	28+	59	57	55	53	51	49	47	45	43	41	39+	37+	
Dra EX	K10	2	46+	51	35+	40+	45+	50	34+	39+	44+	49	33+	38+	43+	48+	32+	37+	42+	47+	31+	36+	41+	46+	29+	34+	39+	44+	28+	33+	38+	43+	
Dra GV	L10	2																															
Equ S	S10	3																					34										
Eri SV	90	2			58					57																56					56		
Gem U	K10	2		65			66	60	67			61	67	62	68		63	69	57	63		70	58	64	70	59	65	71	59	66	54+		
Gem RR	90	2					68	66	65			63	62				61	59	58				57	55			54	53	72	51			
Gem RY	L10	2	44s				9					74s					39					4s		69						34s			
Gem SV	E10S	1		62			63					63			64							65			65			66					
Gem WW	E10S	2			61s			56s				66		51s			61					70s	56		65s		51		60s				
Gem YY	S10	2	57	61s		65	68s						57s	60			64s	67					52s	56			60s	63	67s				
Gem OW	L10	2																															
Her TW	RR	2	45	45	44		44	44				44	44	43			43	43				43	43	42			42	42					
Her TX	S10	3					32	35s	38	41s	44	46s	49																				
Her UX	E10D	2		33s			42s			30			39										36s										
Her VX	RR	2	33				34					35					36						37	28				33		29			
Her VZ	90	2	33	41			49	37			45	33		42			30		38				46	34			42	30		39			
Her AK	S10	3	41s	31	36s	42	31s	37	42s			32	37s	42	32s		38		33	38s			28	33s	38		28s	34		29			
Her AR	90	3			51		45	39	33					44	38		32						43	37	31					42			
Her AW	L10	2						26									6													86			
Her DI	L10	3	95s					26						50s			6									5s	86						
Her GU	E10U	2								43													29s										
Her LV	L10	2								43													29s										
Hya AI	L10	2												31+											60+						89+		
Hya ET	90	2																							71								
Lac RW	L10	3	30s									67s												4s									
Lac SW	S10	3	41+	38+	34+	46+	42+	39+	35+	31+	43+	39+	36+	32+	44+	40+	37+	33+	29+	41+	37+	34+	30+	42+	38+	35+	31+	27+	39+	35+	32+	28+	
JD 612	..		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																
JD 613	..																	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

2026 Spt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Lac UW E10S 3							14					43					72					1					30							
Lac CO E10X 3				37+				45+			54+			62+								33+		42+			50+		59+					
Lac V0345 E10X 3														87+													86+							
Lac V0364 E10X 2														87+								36+				47s		86+						
Leo RR RR 2														69			67						65											
Lyn CD E10S 2	54s																										56							
Lyr RR RR 3		33	47	60			30	44	57			40	54			37	51				34	47			31	44	57		27	41	54			
Lyr RZ 90 2	41	43	45	48	50		52	54													28	30	32		35	37	39	41	44	46	48			
Lyr UZ S10 3	35s															54	48s	43			37s	32												
Lyr CN 90 2	54	36		42			48	30	54	36		42	47	30			35	41			47				29	35	40	46	28	34				
Lyr EZ RR 2		34	39	45	50		55					32	37	43	48		53							30	35	41	46	51						
Lyr IO 90 2		40	55				44		32	48							40				29			44		33	48		37					
Lyr beta							70s							17								64s					11							
Mon UX E10S 2														47			42s							33s			28		23s					
Mon VV E10S 2			94				96s		99					1s			4					6s			9		11s		14					
Mon AQ E10S 2																		69s																
Mon AR L10 1								10\	79\									70\	55	40\								31\	15s	0\				
Mon AV E10S 2					44s				91					39s		86						33s			81		28s		76					
Mon EZ E10U 2											66s			67s			67s							69s	63	70s	64	71s	65					
Mon IL E10S 2										73							76					78			81		84		86					
Mon V0448 E10S 2									65s							69						60s			63				67s					
Mon V0530 E10U 2							68s			62	67			62s			67s				61	66	71			60s	65s	70s		59				
Mon V0634 E10U 2																	67																	
Oph U ST 2							31s							34s															28					
Oph ST 90 2				35						30						35						31							31					
Ori Z E10S 2	80						0					21					41						61				82							
Ori BM E10S 2			11							58							5						53						0					
Ori CP E10S 2	57						89					21					53						85					17						
Ori DN L10 2					59																	56												
Ori FO L10 2																94																		
Ori FT E10X 2			66s																				56s		71s									
Ori GG E10X 2			66																				67s	56		71								
Ori V0536 E10S 2			67																						65									
Ori V1016 L10 2																																		
Ori V1031 E10S 2																																		
Peg U S10 2	48+	42+	35+	48+	42+		35+	48+	41+	35+	47+	41+	35+	29+	41+	35+	28+	41+	35+	28+	41+	34+	28+	40+	34+	28+	40+	34+	28+	40+	34+			
Peg VV RR 2	35	32							65	63		60	58	56	53	51	49	46	44	42	39			37	35	32	30	28						
Peg VV L10 2	35	32+							65	63		60	58	56	53	51	49	46	44	42	39			37	35	32+	30	28						
Peg AV RR 3	55	33	50	45			62	40	57	35	52	31	48		43	60	38	55	33	50	28			46	41	58	36	53	31	48	26	43		
JD 612 ..	85	86	87	88	89		90	91	92	93	94	95	96	97	98	99																		
JD 613 ..																	0	1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	

2026 Spt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Peg AW	L10	2				94						25s					56					87s						18						
Peg BH	90	2	43		36	64		56		49		41		33	61		54		46		38		31	59		51		43		36				
Peg BK	E10S	3	53										51										49											
Peg CG	90	2		64	57	51	44	38	31		65	58	51	45	38	32			59	52	46		39	32		59	53	46	40	33	27			
Peg DF	L10	3	31														1																	
Peg DH	RR	2	35+	38+	40	42	44	46	49	51	53	30+	32+	34+	36	38	41	43	45	47	49	52	28+	31+	33	35	37	39	42	44	46	48		
Peg GH	E10S	2	55			39s						50s			33						45		28s	56				39s						
Peg IP	K10	2	40+	35+	46+	41+	35+	30+	41+	36+	31+	42+	37+	32+	42+	37+	32+	43+	38+	33+	28+	38+	33+	28+	39+	34+	29+	40+	34+	29+	40+	35+		
Per RW	L10	2						68														88												
Per RY	E10S	2	59					46								32										61s								
Per AG	E10X	2	59					46								32		41s	44s			47s	50s		61+		55s	58s						
Per AR	90	2	51		64	49	62	47		60	45		58	43		56	41	68	53	39	66		51	36	64	49	34	62	47	32	60	45		
Per AY	L10	2						58														35												
Per IQ	E10X	2		66+	40+					63+		38+					61+		35+				58+	33+							56+			
Per KN	E10U	3	43+	52	38+	47s	55	41+	50s	36+	45+	53s	40+	48	35+	43+	51	38+	46+	33+	41+	49s	36+	44+	31+	39+	48+	34+	43+	29+	38+	46+		
Per LX	L10	2		94s				96				98s			0						2s			3				5s						
Per beta					57			44							60s			47s			34s		64				51				38			
Psc RU	90	2	47	65	43	60	38	55	33	50	67	45	62	40	58	36	53	31+	48	65	43	60	38	56	34	51	29+	46	63	41	58	36		
Psc RY	90	2	42	48	54	60	66			37	43	48	54	60						37	43	49	55	61				32	38	44	50	56		
Psc SS	90	2	51	37+	52	39	54	40	55	42	57	43	58	45	60	46	32+	48	34+	49	35+	50	37+	52	38+	53	40+	55	41+	27+	43+	29+		
Sge SY	E10S	3	49s								34						41						49											
Ser AN	90							34												30												26		
Ser BH	90	2		36							31			35							30											30		
Ser EG	L10	2			3s			0						97s					95				92s					89						
Ser LX	K10	3	38	33		39	34			35	30	36	31			32				33	28		34	29		30		31	26					
Sex T	90	3																					71											
Tau RW	S10	2									50												57											
Tau CD	S10	2	57											59s												61								
Tau EN	E10S	3														65																52		
Tau V1094	L10	2		87+										85+									84+									83+		
Tri X	S10	3																					70	67	64	61	58	55	53	50	47	44		
Tri RU	E10S	2		53s						44				34s			61s						51					41s			68s			
Tri UX	90	2	43	37		64	57	50	44	37			64	57	51	44	38	31		64	58	51	45	38	31	71	65	58	52	45	38			
UMa W	S10	3	55	55	56	56	56	56	56	56	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	58	58		
UMa RV	RR	2	36					45	39	32					41		34	28	68						36	30	70	64						
UMa TU	RR	3																										70						
UMi W	S10	3		47						58							38						48					59		29				
Vir CG	E10S	3																																
Vul Z	S10	2																					46					37						
JD 612	..		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																	
JD 613	..																	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

2026 Spt		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Vul	BN	90	2	52			49		46			43			40			37		34				32	50		29	47		26	45			
Vul	DR	E10X	3	48+								48+								48+										49+				
Vul	EV	E10S	2		49		31													42														
JD	612	...		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99																
JD	613	...																0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2026 Okt		P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
And	SW	RR		46	35	67	56	44	33	65	54	42	31	64	52	40	29	62	50	38	27	60	48	36	25	58	46	35	23	56	44	33		54
And	SY	L10	1											39\	44	49\																		
And	TW	S10	3		28		34s	41		47s		53		59s		65																		
And	XX	90	2		52		68	41		58		30	47		64		36	53	25	69	42		59	31		48		64	37		54	26	70	43
And	CD	L10	2																						11\ \		17	/	24\					
And	OV	90	3	50	44	38	32	26+	68	62	56	50	44	38	32	26	67	62	56	50	44	38	32	26	67	62	56	50	44	38	32	26	67	62
Aqr	SW	RR	2				42	34	26				40	31				45	37	29				42	34	26				39	31	23		
Aqr	SX	90	2		27	34	41	48					30	38	45					27	34	41				23	30	38						
Aqr	CD	E10S	2					84					68						52				35					19					3	
Aqr	HH	90	2		31	46		34	48			36			38				25	40			27	42		29	44		31					
Aqr	LL	L10	2									56s										65							74s					
Aql	AA	RR	2			32	41		30	39			28	37		26		35		24	33				31				29	37				
Aql	V0341	90	2				36		25	41			30			35			24	39				28			33		22	37				
Aql	V0889	L10	3			81s	36		25	41			30		93s	35			24	39				28			33+		22	37				
Aql	V1353	E10S	2			31		44s				27s	39				34s				29					24s		37						
Aql	V1426	E10S	2	38+	56s	15+	32+	50	8+	26+	43s	2+	20+	37+	55	14+	31+	49s	7+	25+	42	1+	19+	36+	54s	12+	30+	47	6+	24+	41s	59s	18+	35+
Aql	V1430	E10S	2	38				31s				37			30s		36					29s		35				28s		34				
Ari	X	RR	3	72	37	68		63		58		54		49		44	40		70	35	65	61		56		51		47	42		38	68		
Ari	RS	L10	2				40								21									1								81		
Ari	AL	E10S	2									63			37										62				36					
Aur	TZ	90	3		55		51	69	47	64	43	60		56	74	52	69	48	65	44	61	39	57	74	53	70	49	66	45	62	40	58	36+	54
Aur	CQ	L10	2					96					27s						58					89s					20					
Aur	IY	E10S	2							58				37							75			55			34							
Aur	V0432	E10S	2			45s		53s		61s				69s							40			48			56		64					
Aur	epsil																																	
Aur	zeta																																	
Boo	RS	RR	2				27			29										23	74			25										
Boo	TW	90	3						26	33						25		31						70	23	30					68	22+		
Boo	UU	90	3			33						27			30						24					26					75			
Boo	AC	E10D	3	39	27s	33s		27	33		26s	32s	73s	26	32	73	26s	31s	72s	25	31	72	25s	30s	71s	24	30	71	24s	30s	71s	23+	29	70
Boo	CQ	90											25																					
JD	613	...		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

2026 Okt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Cam SS	E10S 2		9s		50		91s		32		74s		15		56s	97		38s	79		20s	62										3s			
Cam SV	S10 3	54	43+	31+	50	39+	28+	47	36+	25+	43+	32+	51s	40+	29+	47s	36+	25+	44+	33+	51	40+	29+	48	37+	26+	44+	33+	22+	41+	30+	49s			
Cam AK	E10S 3		27s	39	50s		61	73s				29	41s	52		63s	75					31s	43	54s								66			
Cam AN	L10 3		27s	39	50s		61	73s				29	41s	52		63s	75					31s	43	54s								66			
Cam AT	E10S 3	71s	41		50s		59	29s	69s	38		48s	57	27s	67s		36	46s		55		25s	65s	34	74	44s		53	23s	63s	32	72			
Cnc S	L10 3						24										72										21								
Cnc RU	L10 2			5										22									39												
Cnc RW	90 2			57	67				59	69				61	71					54		63	73				56	65	75						
Cnc RZ	L10 2		7\	69	/	32\						89\	\	52s	/	14\							71\	\	34		96\								
Cnc TT	90 3		68				62					69		64					58	71				65				59	72						
Cnc TU	E10S 3	57					13					69					25					81						37							
Cnc TW	L10 2																	/	/																
Cnc UU	L10 2						85s																												
Cnc ZZ	L10 2							1\	3	6\																									
Cnc AQ	90 2					63	72					66					60	69					63	73			57	66	76						
CVn W	90 2					26									74					71		26			68	23							75		
CVn Z	90 2				27										73		70	66		62														74	
CVn RZ	90 2														72																				
CMa R	S10 2		68s												74				72s				70				67s						65		
Cas RX	L10 2	/							\	\				5s		/	/									\	\				22				
Cas RZ	S10 3	55					33	52	72			31	50	70					28	48	67			26	45	65					23		43		
Cas SX	L10 2		24\																																
Cas TV	S10 3		36						61			42							67	48			30				73		55				36		
Cas TW	S10 3		51		37				65			51			36				65				51			36		22	65						
Cas TX	E10S 2		53		46			38				31		24	70s				63s				56s		48s		41s				34s				
Cas AQ	L10 2	92\	98	/	3\		78\	84s	89\				64\	70	75\				50\	56s		61\			37\		42	47\					23\		
Cas BM	L10 2																																		
Cas DN	E10S 3				37s		52	68s					30s	45	61s				23s	39			54s	70			32	48s	63						
Cas GG	E10S 2											55			31												58					34			
Cas GU	E10U 3																31		40				50				59		68						
Cas IL	E10S 2		46							36									27		72										62				
Cas IT	E10X 3		46							36			72s				61s	27		72+				41s			62	30s							
Cas OX	E10X 3		43+					41+				39+							37+				35+				33+								
Cas PV	E10X 3	28s	43+				53s	41+	28s			39+	53s	28s					37+				35+				33+		28s						
Cas V0368	E10S 2		57s					25				47s		70								38s		60					28s					51	
Cas V0375	E10D 2	29	50s	71	45s	66	40s				61	34s	55	29s			50	24s	71s	45			66s	40	61s	34	55s	29	76				50s		
Cas V0381	E10X 3	29	50s	71+	45s	36s	66	40s			61	34+	55+	29s			50	24s	71+	45			33s	66s	40	61s	34+	55+	29	76			50s		
Cas V0459	L10 3				61+	36						60	34+						58				33	89s			56	31					34s		
Cep RZ	90		39+	32+	55	48	40+	33+	25+	49+	41+	34+	27+	50	43+	35+	28+	51	44+	37+	29+	53	45	38+	31+	23+	47	39+	32+	24+	48	41+	33+		
JD 613	..	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45			

2026 Okt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cep VW	S10 3	33+	30+	27+	25+	36+	34+	31+	28+	26+	37+	35+	32+	29+	27+	24+	36+	33+	30+	28+	25+	23+	34+	31+	29+	26+	24+	35+	32+	30+	27+	24+	
Cep XX	S10 3	67					35	68				36	70				37					71					38	72					
Cep XY	E10S 2						71		48								58					36										68	
Cep ZZ	S10 2								38			52	66									23	37			51	65						
Cep AI	E10S 2				35s		46	58s	69													25s	37	48s		59							
Cep CW	E10X 3		65+			38+							57+				30+						49+			22+							
Cep EI	L10 2	68s				90					12s			34				56s					78				00s					22	
Cep EX	L10 2								60													4											
Cep NN	E10S 2	53	56s	59	62s	65	68s	71																			23	26s	29	32s	35	38s	
Cet RR	RR 2	62			39	49	60			36	47	58		34	45		55		32	42		53		30	40	51		27	38	48			
Cet RV	90 2	52		63			50		62			49		61			48		59			46		58		45		57				44	
Cet TU	E10S 2			71					10				49				89					28				67						6	
Cet TV	L10 2						41+										51+							62+									
Cet XY	E10S 3		61			39			56s								51					68s		46s			63			41			
Com S	90 2		71										68									72		65		76			69				
Cyg UY	RR 2		36	48			29	41	53			33	45		26		38	50			30	42		23	35	47		27	40				
Cyg XZ	RR 2	62	55	49	42	35	29	62	55	49		42	35	29	62		55	48	42	35	28		55	48	42	35	28	22	55			48	
Cyg BO	E10S 2			58s	45	33s				60s		48	36s				50	38s	26					53	41s	28							
Cyg BR	E10S 3	38s	38	38s			38	38s				38	38s	38			37s	37				37s	37	37s		37	37s					37	
Cyg DM	RR 2	30	56	40	50		34	44	28	54		38	48	32			41	25	51	35		45	29	39	23	49	33	43	27				
Cyg EM	K10 2	30	46	34	50	37	25	41	28	45	32	48	35	39	26		43	30	46	34		37	25	41	28	45	32	35	23	39		26	
Cyg V0367	L10 2		83s	/	/				\	\		13	/	/								\	\	43s	/	/		\	\	73			
Cyg V0463	E10S 2	29s	35	40s	46												23s	29	34s			40	46s										
Cyg V0477	E10X 3	29s	35	40s	46			30s							34s							23s	29	34s		40	46+			42s			
Cyg V0541	L10 3									33+																	67+						
Cyg V0548	E10S 3	57	47s	37	27s				59			50s	40	30s								52s	42	33s	23			55s	45			35s	
Cyg V0788	L10 2								44			35	25																		40		
Cyg V0891	E10S 2																																
Cyg V0909	E10S 3	32s						33															36						37s				
Cyg V1061	E10S 2						41							45									49			36							
Cyg V1918	E10D 2	40+	43s	46	29+	32+	35+	39+	42	25+	28+	31+	34+	38+	41s	24+	27+	30+	34+	37s	40	23+	26+	29+	33+	36	39s	22+	25+	28+	32+		35s
Del DX	90 2			50	44		39	33	28					48	42	37	31	26					46	40	35	29	24						
Dra RW	RR 2	32	53	42	30		52	40	29+			50	39	28+	49		38	26+		48	36	25+	46	35	24+		45	34	22+			44	
Dra SU	RR 3	34	66	32	64	30	62	28	61	27	59	25	57	55			53	51	49			47	47	46			44	76	42	74	40		72
Dra SW	RR 3	69	26	39	53	67	38	52	66			37	51	65	36		50	64		35	48	62	33	47	61		75	32	46	60	74		31
Dra TZ	E10D 3		46s	32s	49		36	52s	39s	25s		42	28	45s			31s	48	35				38s	24s	41		27	44s	31s				
Dra VZ	90 3	33	29		54	50	46	42	39+	35+	31	28	24	52	49	45	41+	38+	34+	30	26	23	47	44	40+		36+	33+	29	25	22		
Dra WW	S10 3			47									73														62						25
Dra XZ	RR	56	52	47	42	38	33	28	71	66	62	57	52	48	43	38	34	29	24+	67	62	58	53	48	44	39	34	30	25+	68	63		58
JD 613	..	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		45

2026 Okt	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Dra AI	S10	3				44						43					43						42					22	41							
Dra BF	L10	3				44						43					43						42					22	41							
Dra BK	90	2	56		34	52	70	30	48	66	26	44	63		40	59	36	55	73	32	51	69	28	47	65	24	43	61		39	57	76				
Dra BU	E10S	3										71s	67	63s				41	37s	33	28s	24														
Dra DD	90	3	35+	33+	31+	29+	27+	25+	56	54	52	50	48	46	44	42	40+	38+	36+	34+	32+	30+	28+	26+	24+	55	53	51	49	47	45	43+	41+			
Dra EX	K10	2	27+	32+	37+	42+	26+	31+	36+	41+	25+	30+	35+	40+	24+	29+	34+	39+	23+	28+	33+	38+	43+	27+	32+	37+	42+	26+	30+	35+	40+	24+	29+			
Dra GV	L10	2														85																				
Equ S	S10	3															40							27												
Eri SV	90	2																																		
Gem U	K10	2	60	66	55+	61	67	56+	62	68	56	62	69	57	63	52+	58	64	52+	59	65	53+	59	65	54+	60	48+	55+	61	49+	55+	61	50+			
Gem RR	90	2	71	50	69	49	68	47	67		65		64		62	61		60		58			57		56	75	54	74	53	72	52	71	50			
Gem RV	L10	2									64s																									
Gem SV	E10S	1	66								68							69																		
Gem WW	E10S	2		46	70		56s			65		51s	74s		60	46s	70s		55		41s	65s		50	74		60s		46	69		55s				
Gem YY	S10	2		70	52		55s		59		62s		66	47	70s	51s	73	55		58s				65s	47s	69	50	72s	54s	76	57		61s			
Gem OW	L10	2																																		
Her TW	RR	2	42		42		41		41			41		41		40		40		40																
Her TX	S10	3									27	30s	33	36s	39	42s																				
Her UX	E10D	2											27														24s		34s			31				
Her VX	RR	2		30					31																											
Her VZ	90	2	27				35			31			40	28		36	24											28		37	25		33			
Her AK	S10	3	34s				29s	34		29	35s		25	30s		25s	30										26s	31			26			27s		
Her AR	90	3	36	30					41	35	29						40	34	28+										33	27+						
Her AW	L10	2					66																												6	
Her DI	L10	3					66+																												6	
Her GU	E10U	2					32s																													
Her LV	L10	2					32s																													
Hya SZ	90	2					72						71																							
Hya WZ	90	2																																		
Hya AI	L10	2									18+																									
Hya ET	90	2					68		73																											
Lac RW	L10	3					41s																													
Lac SW	S10	3	40+	36+	33+	29+	25+	37+	34+	30+	26+	38+	34+	31+	27+	39+	35+	32+	28+	24+	36+	32+	29+	25+	37+	33+	30+	26+	22+	34+	30+	27+		23+		
Lac UW	E10S	3					59				88																									
Lac CO	E10X	3					67+				30+																									
Lac V0345	E10X	3					35+																													
Lac V0364	E10X	2					35+																													
Leo RR	RR	2					69				67																									
Leo SS	RR	2																																		
JD 613	...		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45			

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Peg AW	L10	2	49s				81				12s				43				74s				5											
Peg BH	90	2	28	56	48		41	33		25	54	46		38		30	23		51	43		35		28		48		41						
Peg BK	E10S	3	47								45																							
Peg CG	90	2	54		47	40	34	27		54		48	41	35		28	48				42	35	29		49		43		36	29	23			
Peg DF	L10	3	71												40												10							
Peg DH	RR	2	50	27+	29+	31	34	36	38	40	42	45	47	24+	26+	28	30	32	35	37	39	41	43	46	48	24	27	29	31	33	35	38	40	
Peg GH	E10S	2	51s				34				45				29s				40s				23				34							
Peg IP	K10	2	30+	41+	36+	31+	26+	36+	31+	26+	37+	32+	27+	37+	32+	27+	38+	33+	28+	23+	34+	28+	23+	34+	29+	24+	35+	30+	25+	35+	30+	25+	36+	
Per RW	L10	2	8												28												48							
Per RY	E10S	2	48s				34s								64								50											
Per AG	E10X	2	61s	48s	64s	67s		70s		34+						64				50														
Per AR	90	2	30	58	43	28+	56	41	68	54	39	66	51	37	64	49	34	62	47	32+	60	45	30+	58	43	28+	56	41	26+	54	39	24+	51	
Per AY	L10	2	13								91								68															
Per IQ	E10X	2	30+				53+				27+		51+				25+		74+		48+		71+				45+							
Per KN	E10U	3	33+	41+	27+	36+	44+	31+	39+	47+	34+	42+	29+	37+	46+	32+	40+	27+	35+	44+	30+	39+	25+	34+	42+	29+	37+	24+	32+	40+	27+	35+	22+	
Per LX	L10	2	7				9s				11				13s				15				17s				19		21s					
Per beta			68s				54s				41s				28s				71		58		45		31				75s		61s		48s	
Psc RU	90	2	53	32+	49	27+	44	61	39	56	34	51	29+	47	25+	42	59	37	54	32	49	27+	44	23+	40	57	35	52	30	47	25+	42	60	
Psc RY	90	2	32				38	44	50	56	27				33	39	45	51	27				33	39	45	51				22		28		
Psc SS	90	2	44	30+	46	32+	47	33+	48	35+	50	36+	51	38+	24+	39+	25+	41	27+	42	28+	43	30+	45	31+	46	33+	48	34+	49	36+	22+	37	
Sge SY	E10S	3	34s				42s				27				27				35															
Ser AN	90		31				25				27				25				24															
Ser BH	90	2					84				81s				79				76s				74											
Ser EG	L10	2	87s				29				25				26				23				24				25							
Ser LX	K10	3	27		28		29				25				26				23				24				25							
Sex T	90	3	72				70	67		72				49				74		71	68	66	63		75				72					
Tau RW	S10	2	65				41				72				49				66				56				33							
Tau CD	S10	2	48				64s				51s				66				53				68s											
Tau EN	E10S	3	47				71s	43				67s	62s				58s				54s				49s									
Tau V1094	L10	2	82+				81+				80+																							
Tri X	S10	3	41	38	35	33	30	27				70				67				64	61	59	56	53										
Tri RU	E10S	2	31				58				48s				39				65		29s		56s				46		73					
Tri UX	90	2	32	72	65	59	52	45	39	32	26+	66	59	52	46	39	33	26+	66	59	53	46	40	33	26	66	60	53	47	40	33	27	67	
UMa W	S10	3	58	58	58	58	58	59	59	59	59	42+	42+	42+	43+	43+	43+	43+	43+	43+	43+	43+	43+	43+	44+	44+	44+	44+	44+	44+	44+	44+	44+	28+
UMa RV	RR	2	32		26+		66		34				28		68		62				30				23+		64		60					
UMa RW	E10S	2													66				68				70				49							
UMa TU	RR	3	72				64				66				68				71				70				60		71					
UMa TX	S10	2									58				64				70				40				51							
UMi W	S10	3	69		39		49				60				30		70				40		51				61							
JD 613	..		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

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Vir	AG	E10D	2											72										75s	72	68s							75s	71		
Vir	AH	S10	2														73s								69s	71	73s	75					75	72		
Vir	AV	90	2																																	
Vul	Z	S10	2	28																					38						29					
Vul	RR	E10S	2														28					33				38						43				
Vul	BN	90	2	42				39		36				33		30			27		24			43		40		37			34					
Vul	DR	E10X	3						49+						24+			50+							25+											
Vul	EV	E10S	2						36																29											
JD	613	..		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45		
2026 Nov		P		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
And	SW	RR		42	31		52	40	29	61	50	38	27	59	48	36	25	57	46	34	23	55	44	32	21	53	42	30	19	51	40	28				
And	SY	L10	1															30\	35	40\																
And	TW	S10	3			26			33s	39		45s	51		57s			33		50	22			39		55	28	45		61	34					
And	XX	90	2		59	32		49	21	65	38		55	27		44	60											55\	\	62s						
And	CD	L10	2																																	
And	OV	90	3	56	50	44	38	32	26		62	56	50	44	38	32	26	20	62	56	50	44	38	32	26	20		56	50	44	38	32	26			
Aqr	SW	RR	2		36	28					33	25				30	22											33	24							
Aqr	SX	90	2	27	34	41					23	30	38				20	27	34							23	30						20			
Aqr	CD	E10S	2			87					70					54					38				22					6						
Aqr	HH	90	2		34			21	36			23	38			25	40			27				29		31			19	33						
Aqr	LL	L10	2							83												92s									1					
Aql	AA	RR	2	27	35			25	33			23	31			21	29					27				25		23				21				
Aql	V0341	90	2		26				31						25					29						23					28					
Aql	V0889	L10	3		26				31+						25					29+						23					28+					
Aql	V1353	E10S	2	32s					27					22s	34							30s				25					20s					
Aql	V1426	E10S	2	53	11+	29+	46s	5+	23+	40+	58	16+	34+	51s	10+	28+	45	4+	21+	39+	57s	15+	33+	50	9+	27+	44s	3+	20+	38+	55	14+	32+			
Aql	V1430	E10S	2		27s			33				26s							25s							24s							23s			
Ari	X	RR	3	33	63		58		54	49		44		40	35			31	61	26	56			51	47	42		38		33						
Ari	RS	L10	2								62									42									22							
Ari	AL	E10S	2								61				35											60			34							
Aur	TZ	90	3	71	50	67	45	63	41	59	37+	55	72	50	68	46	64	42	60	38+	55	34+	51	69	47	65	43	60	39+	56	35+	52	30+			
Aur	CQ	L10	2	51s					83						14s					45					76s					7						
Aur	IY	E10S	2		72				51		31									69		48			27											
Aur	V0432	E10S	2	72					35s		43s			51s		59s					67s			75s	30		38		46							
Aur	epsilon																																			
Aur	zeta																																			
JD	613	..		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76		

2026 Nov	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Boo RS	RR	2		70	21	72			74			76			78		66		68			70			72			74						
Boo TW	90	3					67	73				65	72	78								64	70	77										
Boo UU	90	3			77	23					71		74	20					77			68			79	71								
Boo UY	90	2							73													75	70											
Boo AC	E10D	3	23+	29s	70s	23+	28	69	22+	28+	69s	22+	28+	69	21+	27+	68s	21+	62	68	21+	62s	67s	20+	61+	67	20+	61+	66s	19+	60+	66		
Boo CM	90	2					73			77						76		69		74			78						65					
Boo CQ	90				77											76		74					78			76		73		70				
Cam SS	E10S	2		44		85s		26		67s		8		50s		91			32s		73		14s		55		96s							
Cam SV	S10	3	38+	26+	45+	34+	23+	42+	31+	49	38+	27+	46+	35+	24+	42+	31+	20+	39+	28+	46+	35+	24+	43+	32+	21+	39+	28+	47+	36+	25+	44+		
Cam AK	E10S	3	22s	34	45s	56	68s					24	36s	47	58s	70						26s	38	49s	60	72s								
Cam AN	L10	3	22s	34	45s	56	68s					24	36s	47	58s	70						26s	38	49s	60	72s								
Cam AT	E10S	3	42s	51	21s	60s		30	70	40s	49		58s	28	68	38s	77s	47		56s	26	66	36s	75s	45		54s	24	64	34s	73s			
Cnc S	L10	3				69									18								66											
Cnc RU	L10	2			57								74										91											
Cnc RW	90	2	58	67	77			50	60	69			52	61	71			45	54	63	73				46	56	65	75		48	58			
Cnc RZ	L10	2		54\	\	16s	78/						36\	98		/	60/						18\		80s	/	42/							
Cnc TT	90	3	54	67				61	74		55	68		50	62	75					57	70			51	64	77		46	58	71			
Cnc TU	E10S	3			93					50					6									62				18						
Cnc TW	L10	2													70\		76	83/																
Cnc UU	L10	2												\	\										19									
Cnc ZZ	L10	2																										20\	22	24/				
Cnc AQ	90	2		60	70			54	63	73			57	67	76				51	60	70				54	64	73		48	57				
CVn W	90	2				71					68	78				64	75				61	71				68	78							
CVn Z	90	2		70		66		62		58						77		74		70				66	62	58		54		50				
CVn RS	S10	2																				59						78s						
CVn RZ	90	2	74			72				69					66			63	77				74			71				68				
CMa R	S10	2				62s				60				58s					69				66s		64				61s					
CMi AM	E10S	2	53	55	57	59	61	63	65	67	69	71	73	75	76	78																		
Cas RX	L10	2			/								\	\		38s			/	/							\							
Cas RZ	S10	3	62			21		41	60				38	58	77				36	55	75				33	53	72				31			
Cas SX	L10	2			15\	98		/	80/																									
Cas TV	S10	3						61		42		23					67		48	30					73		55		36					
Cas TW	S10	3	50			36		22	65			50			36			22	64			50			36	79		21	64					
Cas TX	E10S	2		26s	73			65		58			51		43							29	75s		21	68s			60s					
Cas AQ	L10	2	28s	33/				9\	14	19/		95\	\	0s	6/			81\	86	92/				67\	72s	78/				53\	58			
Cas BM	L10	2																																
Cas DN	E10S	3		25	41s	56		72s				34s	50	65s					27s	43	59s	74			21s	36	52s	67						
Cas GG	E10S	2								62					38											65				41				
Cas GU	E10U	3																24							43		52		62					
JD 613	..		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	

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Cas IL E10S 2				53							43						33							24			69							
Cas IT E10X 3				53							43						33							24+			69	47s						
Cas OX E10X 3	31+						28+	77+				26+	75+				24+	73+				22+	71+			20+	69+							
Cas PV E10X 3	31+		53s		28s		28+	77+		54s		26+	29s	75+			24+	54s	73+	29s		22+	71+	54s		20+	69+	79s						
Cas V0368 E10S 2			73s							41		63s					31	54s				76				22	44s							
Cas V0375 E10D 2	24	71	45s	66			39s	60	34s			55	29s	76s	50	23s	71s	44	65s	39		60s	34	55s		28	76	49s	23	70				
Cas V0381 E10X 3	24	71+	45s	29s	66		39s	60	34+			55+	29s	76s	50	23s	71+	44	26s	65s	39	60s	34+	55+		28	76	49s	23	70+				
Cas V0459 L10 3		55	29					80s	53			28					52	26s	26				50	25+								48		
Cep RZ 90	26+	49	42+	34+	27+		51	43+	36+	28+	21+	44+	37+	30+	22+	46+	38+	31+	24+	47+	40+	32+	25+	48+	41+	33+	26+	19+	42+	35+	27+			
Cep VW S10 3	22+	33+	31+	28+	25+		23+	34+	32+	29+	26+	24+	21+	33+	30+	27+	25+	22+	20+	31+	28+	26+	23+	21+	32+	29+	27+	24+	21+	19+	30+			
Cep XX S10 3			40	73							41		75				42	76						43			77							
Cep XY E10S 2			45				23					78		55			33							65			42							
Cep ZZ S10 2							22	36	51			65										21	36	50			64	78						
Cep AI E10S 2									27			38s	49	60s													28s	39						
Cep CW E10X 3	67+		40+									59+	32+							78+			51+			24+								
Cep EI L10 2			43s					65				87s					9					31s		53			75s							
Cep EX L10 2			47														91																	
Cep NN E10S 2	41	44s	47	49s	52		55s	58	61s	64	67s	70	73s	76															19s	22				
Cet RR RR 2			36	46			57		33	44		55		31	42		52		29	39		50		27	37	48		24	35					
Cet RV 90 2			56	43						41				40						39				38				36						
Cet TU E10S 2			45					84					23				63					2				41		80						
Cet TV L10 2			72+										82+									93+												
Cet XY E10S 3			59s				37s			54			32				49s		27s				44											
Com S 90 2							73		66				77				70		64				74			68		61	78					
CrB U S10 2																												73						
CrB RV 90 3				29			28	28	27	27	26	26	25	24	24	23	23	22	22	21	21	20	20	19	19									
Crt W 90 2											77						78							78				73						
Cyg Y S10 3											77						78							78				73						
Cyg UY RR 2			32	44			25	37				29	41				22	34					26	38	19	31						23		
Cyg XZ RR 2	42	35	28	22			55	48	41	35	28+	21					35	28+	21				48	41	35	28+	21		48	41	34			
Cyg BO E10S 2	55	43s	31							46s	33	21s					48s	36	24s				51s	38	26s									
Cyg BR E10S 3		37s	36				36s	36	36s		36	36s					36	36s	35			35s	35			35s	35	35s						
Cyg DM RR 2	37	21	47	31			41	25	35		45	29	38	22			32	42	26			36	20	30		40	24	34						
Cyg EM K10 2	43	30	34	21			37	25	41	28		32	35	23	39		26	30	34			21	37	25	28		32	19	35	23				
Cyg V0367 L10 2		/					/	/	3s	/	/	/	/	/	/	/	/	/	33	/	/	/	/	/	/	/	/	63s	/	/				
Cyg V0463 E10S 2				23			28s	34	40s														23s	28	34s									
Cyg V0477 E10X 3				23			28s	34	40s														23s	28+	34s									
Cyg V0541 L10 3										1+																								
Cyg V0548 E10S 3	26							48	38s	28							50	41s	31	21s							43s	33	24s					
JD 613 ..		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76		

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Cyg V0788 L10 2													74\	70	65\																				
Cyg V0891 E10S 2	31		22																	37			27												
Cyg V0909 E10S 3					39											21s							22								23s				
Cyg V1061 E10S 2	22		57					26								30							34								38				
Cyg V1918 E10D 2	38	21+	24+	28+	31+		34	37s	41	23+	27+	30+	33s	37+	40s	22+	26+	29s	32	36+	39	22+	25+	28	31s	35+	38+	21+	24+	27s	31+				
Del DX 90 2	38	33	27	22						36		31	25	20							34	29	23							32	27	21			
Dra RW RR 2	32	21+		42	31+		64		41	29+	62		40	28+	61		38	27+	60	37		25+	58		35	24+	57		34+	23+	56				
Dra SU RR 3	38	70	36	68	34		66	32	65	31	63	29	61	27	59	25	57	23	55	21	53		51		50		48		46	78	44				
Dra SW RR 3	45	59	73	30	44		57	71	28	42	56	70	27	41	55	69	26	40	54	68	25	39	53	66	23	37	51	65	22+	36	50				
Dra TZ E10D 3	34			37s	23s		40	26	43s		30s				33+		36s	22s		39		26							32+		35+				
Dra VZ 90 3	46	43+	39+	35+	31+		28+	24		45+		41+	38+	34+	30+	27+	23				76	40+	36+	33+	29+	25+	22+		78	75	39+	35+			
Dra WW S10 3									51													77			40										
Dra XZ RR 54	49	44	40	35			30	25+	21+	64	59	54	50	45	40	35	31+	26+	21+	64	60		55	50	46	41	36	31+	27+	22+	65	60			
Dra AI S10 3			21	41						40					20										79				19		78				
Dra BF L10 3			21	41						40				42s		20									63s	79			19		78				
Dra BK 90 2	35	53	72	31	49		68	27	45	64	23	41	60	78	37	56	74	33	52	70	29		48	66	25	44	62	22	40	58	77	36			
Dra BU E10S 3	73	68s	64	60s						34s		30	25s	21										78	74s	70	65s	61	57s	52					
Dra DD 90 3	39+	37+	35+	33+	31+		29+	27+	25+	23+	21+	52	50	48	46	44+	42+	40+	38+	36+	34+		32+	30+	28+	26+	24+	22+	21+	19+	49	47			
Dra EX K10 2	34+	39+	23+	28+	33+		38+	22+	27+	32+	37+	21+	26+	31+	36+	20+	25+	30+	35+	40+	24+		29+	34+	39+	23+	28+	33+	38+	22+	26+	31+			
Dra GV L10 2							71																									56			
Equ S S10 3																	32							19											
Eri SV 90 2		40		54			40		54			39		54			39		53				39		53			38							
Gem U K10 2	56+	62	51+	57+	45+		51+	58+	46+	52+	58+	47+	53+	59+	47+	54+	42+	48+	54+	43+	49+		55+	44+	50+	56+	44+	50+	39+	45+	51+	40+			
Gem RR 90 2	70	49	68	48	67		46	66	45	64	44	63	42	62	41	60	40	59	38+	57	37+		56	36+	55	34+	53	73	52	71	51	70			
Gem RY L10 2	89						54s					19				84s										14s					79				
Gem SV E10S 1		71					72			73					73								74			74			75			76			
Gem SZ 90 3																								40	41	41		41	41	41	42	42	42		
Gem WW E10S 2		41	64		50s		74s		60	45s	69s		55		40s	64s		50	74	36s	59s		45	69			54s	78s	40	64					
Gem YY S10 2	42s	65	46	68s	50s		72	53	75s	57s	38s	60	42	64s	45s	67	49	71s	52s	75	56		37+	60s	41s	63	45	67s	48s	70	52	33+			
Gem OW L10 2																																			
Her TX S10 3												23	26s	29	32s														71	74s	77				
Her UX E10D 2				28s								25										22s						19							
Her VX RR 2		26																										76							
Her VZ 90 2			29				26					22		30													23	75	19		27				
Her AK S10 3			22s	27			22					23s			23												24s		19				20s		
Her AR 90 3		32	26+								30+	24+																							
Her AW L10 2								86																				46							
Her DI L10 3					25s			86								80s												46+							
Her GU E10U 2										24							75s															78s			
JD 613 ..		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76			

2026 Nov	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Ori BM	E10S 2	35					82						29					76									23						
Ori CP	E10S 2			42					74			6					38							70									
Ori DN	L10 2							42														39											
Ori EW	E10X 2	59+						53+								47+							40+							34+			
Ori FO	L10 2											34																			14		
Ori FT	E10X 2		52s			67s						34											42s		57s		72s				14		
Ori GG	E10X 2		52			67																42		57		72							
Ori V0536	E10S 2																42		59														
Ori V1016	L10 2																																
Ori V1031	E10S 2				64s												56													48s			
Peg U	S10 2	38+	32+	26+	38	32+	25+	38	31+	25+	38	31+	25+	37	31+	25+	37	31+	24+	37	31+	24+	37	30+	24+	37	30+	24+					
Peg VV	RR 2	40	37	35	33	30	28	26	23	21												44	42	40	37	35	33	30	28	26	23	21	
Peg VW	L10 2	40	37	35	33	30	28	26	23	21												44	42	40	37	35	33	30	28	26	23	21	
Peg AV	RR 3	45	23	40	35		30	47	25	42		20	38		33		28	45	23	40			35	31	26		43	21	38		33		
Peg AW	L10 2			36s				67					99s												61s						92		
Peg BH	90 2		33		25		46		38		30		23				43	35		28			20		40		33		25				
Peg BK	E10S 3						41										39											37					
Peg CG	90 2	50	43	37	30	23			44	37	31	24					45	38	31	25					39	32	26	19					
Peg DF	L10 3														80															50			
Peg DH	RR 2	42	44	21+	23	25	28	30	32	34	36	39	41	43	20	22	24	26	28	31	33		35	37	39			21	23	25	27	29	
Peg GH	E10S 2			46				29s					40s				24						35										
Peg IP	K10 2	31+	26+	21+	31+	26+	21+	32+	27+	22+	33+	28+	22+	33+	28+	23+	34+	29+	24+	34+	29+	24+	35	30+	25+	20+	30+	25+	20+	31+	26+		
Per RW	L10 2												67													87							
Per RY	E10S 2		36						23				66s												52s			39s					
Per AG	E10X 2		36						23				66s		24s			27s		52+			33s	36s	39s	39s	42s		45s				
Per AR	90 2	37	22+	49	34+	62	47	32+	60	45	30+	58	43	28+	56	41	26+	54	39	24+	52	37	22+	49	35+	20+	47	32+	60	45	30+		
Per AY	L10 2						46												24													1	
Per IQ	E10X 2		68+		43+				66+		40+						63+		38+					61+		35+						58+	
Per KN	E10U 3	30+	38+	25+	33+	42+	28+	37+	23+	32+	40+	26+	35+	21+	30+	38+	25+	33+	20+	28+	36+	23+	31+	39+	26+	34+	21+	29+	38+	24+	33+		
Per LX	L10 2		23				24s				26		28s									30			32s			34					
Per beta			35s		22s		65		52		39		25				69s		55s				42s		29s		72		59				
Psc RU	90 2	38	55	33	50	28	45	23+	40	57	35	53	31	48	26	43	21+	38	55	33	51	29	46	24	41	19+	36	53	31	48	27		
Psc RY	90 2	34	40	46				23	29	35	40	46						23	29	35	41						24	30	36	42			
Psc SS	90 2	23+	39	25+	40	26+	41	28+	43	29+	44	31+	46	32+	47	34	20+	35	21+	37	23+	38	24+	39	26+	41	27+	42	29	44	30		
Sge SY	E10S 3												27s																		20		
Ser AN	90																77														78		
Ser BH	90 2											76											75		79					70			
Ser EG	L10 2		71s				68					66s					63						60s					58					
Ser LX	K10 3	22							77		20	78					74		75				76		77	72	78	73					
JD 613	..	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	

2026 Nov	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Sex T	90	3	70	67	65	62	59					76	74	71	69	66	63	61	58	56				78	75	73	70	68	65	62	60					
Tau RW	S10	2						64			41							71				48			25											
Tau CD	S10	2	40					55s				70			42s					57					73s		45									
Tau EN	E10S	3	73				45s	69			40s	64				36s	60				32s	56					51	75s								
Tau V1094	L10	2				79+									77+									76+												
Tri X	S10	3	50	47	44	41	39	36	33	30	27	24	22																							
Tri RU	E10S	2	36s			63s		26			53					43s								60		24s		51s								
Tri UX	90	2	60	54	47	40	34	27	67	61	54	47	41	34	27	21	61	54	48	41	35	28	21	61	55	48	42	35	28	22	62	55				
UMa W	S10	3	44+	44+	44+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	46+	46+	46+	46+	46+	46+	46+	46+	46+	46+	30+	30+	30+	30+	30+	30+					
UMa RV	RR	2	68	62	55			77	23+	64	57				25+	66	59	53							74	21+	62	55	49		76	70				
UMa RW	E10S	2									48s												48													
UMa TU	RR	3			62	73				64	75				66	77									58	69		60	71							
UMa TX	S10	2																													46					
UMi W	S10	3	31		71		41					52		22			62		32				72		43			53			23					
Vir ST	90	2																														73				
Vir AG	E10D	2	68s						75s	71	68s	64					78	74s	71	67s	64		60s			78	74s	71	67s	63	60s					
Vir AH	S10	2		68	70s	72		73s	75	77s		64	66s	68	70s		72	74s	76	78s				63s	65	67s	68	70s	72	74s	76	78s				
Vir AT	90	2	77									76													75											
Vir AV	90	2																		77				74		71	68	65								
Vir CG	E10S	3																																		
Vul Z	S10	2																																20		
Vul BN	90	2	31			28			25			22						35					32			29		26				23				
Vul DR	E10X	3	25+								25+																						26+			
Vul EV	E10S	2					40			22																										
JD 613	..		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76			
2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
And SW	RR		50	38	26	48	36	24		46	34	22		44	32	21		42	30	19			40	28		38	26		47	36	24					
And SY	L10	1																																		
And TW	S10	3						25		31s		37		43s		49																				
And XX	90	2	51	23	40		56	29		46			35		51	24		41		57	30			46	19	36		52	25		42					
And CD	L10	2	68/																																	
And OV	90	3	20		56	50	44	38	32	26	20	56	50	44	38	32	26	20	20			50	44	38	32	26	20		50	44	38				32	
Aqr SW	RR	2	30	22				27	19					24																					23	
Aqr SX	90	2	27	34					23	30					20		27																	20		
Aqr CD	E10S	2			89				73					57						41													8			
Aqr HH	90	2		21			23			25					27						29											21				
JD 613	..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99										
JD 614	..																										0	1	2	3	4	5	6			

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Aqr LL L10 2										10s										19																
Aql AA RR 2					19					25			23				21					19														
Aql V0341 90 2						21				26							19				24															
Aql V0889 L10 3						21				26+							19				24+													77s		
Aql V1353 E10S 2						27s					23																	20								
Aql V1426 E10S 2	49s	8+	25+	43	2+		19+	37+	54s	13+	31+	48	7+	24+	42s	1+	18+	36+	53	12+	29+	47s	6+	23+	41+											
Aql V1430 E10S 2									22s						21s							20s							19s							
Ari X RR 3	28	58	24	54			49	45	40			35	31				26	21	52			47	42	38			33	28					24			
Ari RS L10 2							3							83									63													
Ari AL E10S 2														33														32								
Aur TZ 90 3	48	65	44	61	40+		57	35+	53	31+	49	27+	45	62	40	58	36+	54	32+	50	28+	45	24+	41	59	37+	55	33+	50	29+	46		25+			
Aur CQ L10 2				38s					69					0s							32				63s							94				
Aur IY E10S 2	65			45				24							62					42		21									59					
Aur V0432 E10S 2		54			62				70	25s				33s			41s			49s			57s		65s		19					28				
Aur epsilon																																				
Aur zeta																																				
Boo RS RR 2	62	76		64	77			66	79	68			70	59			72	60	74			62	75	64	77		66	79	55	68						
Boo TW 90 3	62	69	75							61	67	73					59	65	72	78				57		64	70	77								
Boo UU 90 3	73	19+					76	67				78	70	61									75	66	58		78	69	60							
Boo UY 90 2			76				72	67									78	74				69	64	59												
Boo AC E10D 3	19+	60+	66s	71s	59+		65	71	59+	65s	70s	59+	64	70	58+	64s	70s	58+	64	69	57+	63s	51+	57+	63	51+	57+	62s	50+	56+	62+	50+				
Boo CM 90 2	70		75				79						66		71						75			63		67			72							
Boo CQ 90				78			75		72			70	67				77	74		72		69	66	79		64	76	61	74					71		
Cam SS E10S 2	38		79s				20	61s				2	43s	84							26s	67			8s	49			90s							
Cam SV S10 3	33+	21+	40+	29+	48+		37+	26+	44+	33+	22+	41+	30+	19+	37+	26+	45+	34+	23+	41+	30+	19+	38+	27+	46+	34+	23+	42+	31+	20+	39+	28+				
Cam AK E10S 3	28	40s	51	62s	74					19		31s	42	53s	65	76s					21s	33	44s	55	67s	78							23	35s		
Cam AN L10 3	28	40s	51	62s	74					19		31s	42	53s	65	76s					21s	33	44s	55	67s	78							23	35s		
Cam AT E10S 3	43	52s	22	62			31s	71s	41	50s		20	60	29s	69s	39	78	48s		58	27s	67s	37	76	46s		56	25s	65s	35	74		44s			
Cnc S L10 3				15										63									11													
Cnc RU L10 2				9										26										43												
Cnc RW 90 2	67	77		41	50		60	69	79	43		52	62	71			45	54	64	73		37	47	56	65	75		39	49	58	67			77		
Cnc RZ L10 2					00\		\	62	/	25/							82\	\	44s	/	7/						64\	\	27	89/						
Cnc TT 90 3		53	66	78			47	60	73	42		54	67		49		61	74		43	56	69		38	50	63	76		45	57	70					
Cnc TU E10S 3	74							30						87							43			99								55				
Cnc TW L10 2																																				
Cnc UU L10 2								/																												
Cnc ZZ L10 2																																				
Cnc AQ 90 2	67	77		51			61	71		45		54	64	74			48	58	68	77		42	52	61	71		45	55	65	74						
CVn W 90 2	64	75					61	71				58	68	78			54	64	75				61	71			58	68	78							
JD 613 ..	76	77	78	79	80		81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99											
JD 614 ..																										0	1	2	3	4	5	6				

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
CVn Z	90	2	77	74			70	66	62			58	54				51	47	77			74	70	66		62	58				54				
CVn RS	S10	2		58s					78				57									77s				57s									
CVn RZ	90	2		65	79			62	76			60	73				57	70		54		67		65	78		62	75							
CMa R	S10	2		59				57s				54							49				47s			45									
CMi AM	E10S	2																40	42	44	46	47	49	51	53	55	57	59	61	63	65	67			
Cas RX	L10	2	55		/	/											71s		/	/															
Cas RZ	S10	3	51	70			29	48	68			26	46	65				24	43	63				22	41	61			19		39				
Cas SX	L10	2							71\		\	54	/	37\																					
Cas TV	S10	3					61	42	24					67			49	30								55	36								
Cas TW	S10	3	50		36	78		21	64			50		35	78			21	64			50		35	78		21	64				49			
Cas TX	E10S	2	53s		46s		38s		31s		78	24s	70				63		56			48				41		34							
Cas AQ	L10	2	64\		39\		44s	50\			25\	30	36\				11\	16s	22\			97\	\	3	8\		83\	89s	94\						
Cas BM	L10	2																																	
Cas DN	E10S	3		30	45s	61	76s		23		38s	54	69s				32s	47	63s	78			25s		40	56s	72								
Cas GG	E10S	2							69					45				20										48							
Cas GU	E10U	3																			27		36			46		55							
Cas IL	E10S	2			59						50						40							30			75								
Cas IT	E10X	3		37s	59		27s				50						40							30			75								
Cas OX	E10X	3			67+			65+				63+					60+							58+			56+								
Cas PV	E10X	3	54s	67+			79s	65+	29s			63+	55s				30s	60+				55s	58+	30s			56+	55s					30s		
Cas V0368	E10S	2	67					34s	57								25s	47			70s						38	60s							
Cas V0375	E10D	2	44s	65	39s		60	33s	54	28s	76s	49	23s	70s	44		65s	39	60s	33	54s	28	75	49s	23	70	44s						65		
Cas V0381	E10X	3	44s	23s	65	39s	60	33+	54+	28s	76s	49	23s	70+	44		20s	65s	39	60s	33+	54s	28	75	49s	23	70+	44s					65		
Cas V0459	L10	3		23	18s			47	21			63s	45								43+						42	55s							
Cep RZ	90		20+	43+	36+	29+	21+	45+	37+	30+	23+	46+	39+	31+	24+	47+	40+	33+	25+	49+	41+	34+	26+	19+	43+	35+	28+	20+	44+	36+	29+	22+	45+		
Cep VW	S10	3	28+	25+	22+	20+	31+	29+	26+	23+	21+	32+	30+	27+	24+	22+	19+	30+	28+	25+	23+	20+	31+	29+	26+	24+	21+	32+	30+	27+	25+	22+	19+		
Cep XX	S10	3	44	78				46	79				47									48					49								
Cep XY	E10S	2	20				75		52			30									62			39										72	
Cep ZZ	S10	2					21	35	49			63	77									20	34	48			62	77							
Cep AI	E10S	2		51s													29	41s			52			75											
Cep CW	E10X	3	70+		42+						61+		34+									53+				26+								72+	
Cep EI	L10	2			97			19s			41						63s		85				7s				29								
Cep EX	L10	2		34									78														21								
Cep NN	E10S	2	25s	28	31s	34	37s	40	43s	46	49s	52	54s	57	60s	63	66s	69	72s	75	78s														
Cet RR	RR	2	45		22	33	43		20	30	41						28	39			26	36		23	34				21				32		
Cet RV	90	2			35				34				32									30							29						
Cet TU	E10S	2			19				58			97						36				76					15							54	
Cet TV	L10	2	3+						13+																			34+							
Cet XY	E10S	3	39s					34			52s		30s									25				42s		20s							
JD 613	..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99									
JD 614	..																									0	1	2	3	4	5			6	

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Com S	90	2		71			65			58	75		69				62	79		55	73			66		59	76		52	70				
Com ST	90	2	79		79			78		58	78		57	77		57	77		56	76		56	75		55	75		55	74		54	74		
CrB U	S10	2					63																											
CrB RV	90	3				79	79	78	78	77	77	76	75	75	74	74	73	73	72	72	71	71	70	70	69	69	68	68	67	66	66	65		
Crt W	90	2	79				73					67	73						68	74					68						63			
Cyg Y	S10	3	79				73					67	73					68	74					68							63			
Cyg UY	RR	2	36			28				21	33			25						30				22	34			27						
Cyg XZ	RR	2	28+	21		48	41	34	28+	21+			41	34	28+		21+			41		34	27+	21+			41	34	27+	21+		61		
Cyg BO	E10S	2	41	29s						43	31s	19					34s	22						36s	24						39s	27		
Cyg BR	E10S	3	35	35s			35	34s	34				34s	34			34s	34	34s				34	34s		33	33s	33s	33					
Cyg DM	RR	2		28	38		22	32				26	36	19			29		23			33		27		21		31						
Cyg EM	K10	2	26	30			34	21		25		28	32	19			23	26		30			21+	25		28				19+				
Cyg V0367	L10	2		\	\		93	/	/				\	\			23s	/	/				\	\	52	/	/							
Cyg V0463	E10S	2										22	28s																	22s	28			
Cyg V0477	E10X	3	28s					32s				22	28s																	22s	28	79s		
Cyg V0541	L10	3								68+																2+								
Cyg V0548	E10S	3		75			46s	36	26s				78				39	29s	19				70s		41	32s	22					73s		
Cyg V0788	L10	2																											59\		54			
Cyg V0891	E10S	2											24																					
Cyg V0909	E10S	3					25						26s							27														
Cyg V1061	E10S	2					42						46													19								
Cyg V1918	E10D	2	34+	37+	20+	23+	26	30+	33+	36+	19+	22+	26s	29+	32+	35+	39s	21s	25	28+	31+	35+	38+	20	24s	27+	30+	34+	37+	20s	23+	26+	29+	
Del DX	90	2						30	25	19							28	22						26		20								
Dra RW	RR	2		33+	21+	54	31+	20+	53	30+		19+	51		29+	61	50		27+	60			26+	59		24+	57		79	23+	56			
Dra SU	RR	3	76	42	74	40	72	38	70	36	69	35	67	33	65	31	63	29	61	27	59	25	57	23	55	21	54	20	52		50		48	
Dra SW	RR	3	64	21+	35	49	63	20+	34	48	62	19+	32	46	60	74	31	45	59	73	30	44	58	72	29	43	57	71	28	41	55	69	26	
Dra TZ	E10D	3	21s		25		28+			31+					34+	21s		24+			27+			30+		76	20s		79s	23+				
Dra VZ	90	3	31+	28+	24+	20+	77	73	70	34+	30+	27+	23+	19+		76	72	69	33+	29+	25+	22+	50	46+	75	71	67	32+	28+	24+	20+	49		
Dra WW	S10	3		66				29									55														44			
Dra XZ	RR	3	56	51	46	41	37	32	27+	23+	66	61	56	52	47	42	37	33	28+	23+	19+	62	57	52	47	43	38	33	29+	24+	19+	62	58	
Dra AI	S10	3					78						77					76					56	76						55	75			
Dra BF	L10	3					78						77					76					56	76				26s		55	75			
Dra BK	90	2	54	73	32	50	69	28	46	65	24	42	61	20+	39	57	75	35	53	71	31	49	67	27	45	63	23	41	60	19+	37	56	74	
Dra BU	E10S	3				27	22s									79s	75	71s	67	62s	58	54s	49	45s				24	19s					
Dra DD	90	3	45+	43+	41+	39+	37+	35+	33+	31+	29+	28+	26+	24+	22+	20+	50	48	46+	44+	42+	40+	38+	36+	35+	33+	31+	29+	27+	25+	23+	21+	19+	
Dra EX	K10	2	36+	20+	25+	30+	35+	19+	24+	29+	34+	39+	23+	28+	33+	38+	22+	27+	32+	37+	21+	26+	31+	36+	20+	25+	30+	35+	19+	24+	29+	34+	39+	
Dra GV	L10	2																						41										
Equ S	S10	3															25																	
Eri SV	90	2		38				38					38					37					37				37							
JD 613	..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99								
JD 614	..																									0	1	2	3	4	5	6		

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Gem U	K10	2	46+	52+	40+	47+	53+	41+	47+	36+	42+	48+	36+	43+	49+	37+	43+	49+	38+	44+	33+	39+	45+	33+	39+	46+	34+	40+	46+	35+	41+	29+	35+	
Gem RR	90	2	49	69	48	67	47	66	45	65	44	63	43	62	41	61	40	59	39+	58	37+	57	36+	55	35+	54	33+	52	32+	51	31+	50	29+	
Gem RY	L10	2			44s				9					74s					39					4s				69						
Gem SZ	90	3	42	42	43	43	43	43	44	44	44	44	45	45	45	45	45	46	46	46	46	47	47	47	47	47	48	48	48	48	49	49	49	
Gem WW	E10S	2	50s	73s	35	59	45s	69s	30	54	40s	64s	49	73	35s	59s	44	68	30s	54s	40	63	25s	49s	35	58								
Gem YY	S10	2	55s	37+	59	40	62s	44s	66	47	70s	51s	32+	55	36+	58s	40s	62	43	65s	47s	28+	50	32+	54s	35+	57	39	61s	42s	65	46	27+	
Gem OW	L10	2																																
Her TW	RR	2		76		75		75		75			75		74			74		74				74		73		73		73		73		
Her TX	S10	3												19	22s		25												63s	66		69s		
Her UX	E10D	2												77																				
Her VX	RR	2	77					78					79					71						72				73						
Her VZ	90	2	79	23			76	20		72					68			77	21				73			69		77	65					
Her AK	S10	3		78	20			78s					79			79s			74s					75			75s		70s	76				
Her AR	90	3			74	21+	62						79	73	20+	61					78	72	19+	60				77	71	65	59		53	
Her AW	L10	2				26									6									87									67	
Her DI	L10	3				26	90s								6		45s						87					0s					67	
Her GU	E10U	2																						67										
Her LV	L10	2																						67										
Hya SZ	90	2	75				58	65	73					56	64	71						55	62	70				53	61	68				
Hya WZ	90	2				62	69	77					61	68	76							60	67				59	66						
Hya AI	L10	2					21+								50+									79+									8+	
Hya ET	90	2	63	69									55	60	66									51	57		63							
Lac RW	L10	3		63s										00s											36s									
Lac SW	S10	3	34+	30+	26+	23+	19+	31+	27+	23+	20+	32+	28+	24+	21+	33	29+	25+	21+	34s	30+	26+	22+	19+	31	27+	23+	19+	32s	28+	24+	20+	33	
Lac UW	E10S	3				7						36				65							94					23					52	
Lac CO	E10X	3	27+		36+			44+		53+								24+	78+				32+		41+			49+						
Lac V0345	E10X	3			28+																							76+						
Lac V0364	E10X	2			28+																							76+						
Leo RR	RR	2	77	67	58	48		74	65	55	46		72	63	53	43	79	70	60	51	41	77	67	58	48		74	65	55	46			72	
Leo SS	RR	2	66			79		67					68					69		57				70	58			71	59					
Leo ST	RR	3	74	70	66	61	57						78	74	69	65	60	56						77	73	69	64	60	55	51				
Leo AG	E10S	2	50					59s					68					77s	46						55s			64						
Leo AM	S10	3	61+	71	62s	54+	63	55+	65s	56+	66	57+	67s	58+	68	60+	51+	61+	52+	62s	54+	63	55+	64s	56+	66	57+	49+	58+	50+	59+	51+	61+	
Leo FM	E10U	2	60										69s											78					51					
Lyn TY	E10S	2			35			68										34					67									34		
Lyn CD	E10S	2	53s					35		63s								45	72s						27s		55							
Lyr RR	RR	3		29				26					23	36				20+	33			73	30			27			23					
Lyr RZ	90	2												19	21																			
Lyr UZ	S10	3													32			26s	21															
JD 613	..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99								
JD 614	..																									0	1	2	3	4	5	6		

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Lyr CN	90	2	28				22	27				21					27			79	20						79	20						
Lyr EZ	RR	2	21	27+	32							19	25+	30									23+	28										
Lyr IO	90	2						20+			24							74				20+					24		71					
Lyr beta							29s				76									23s					70									
Mon UX	E10S	2	18s				13	8s			4	99s					94			89s			85			80s		75						
Mon VV	E10S	2	69				72s	75			77s	80					82s				85		87s			90		92s						
Mon AQ	E10S	2	51s				60s					51								60			42s					51s						
Mon AR	L10	1	78s	62/							53\	38	23/									14\	83/											
Mon AV	E10S	2	28	76s				23			70s											12		60s				7						
Mon EZ	E10U	2	47+	60	54s	42+	55s	49+	43+	56s	50	44+	57s	51	45+	58s	52	46+	40+	53	47+	41+	54	48s	42+	55	49s	43+	37+	50s	44+	38+		
Mon IL	E10S	2	28					31			34						36			39			41				44							
Mon V0448	E10S	2	42s	54s	66s		45	57	69		49s	61s		40		52	64		43s		55s		35	47		59		38s	50s	62s				
Mon V0530	E10U	2	61	39+	45+	50s	55s	60s	39+	44+	49	54	59	38+	43+	48s	53s	58s	37+	42+	47	53	58	36+	42+	47s	52s	57s	36+	41	46	51	56	
Mon V0634	E10U	2										46																						
Oph U	ST	2																79																
Ori Z	E10S	2		46				66				87								7					27							48		
Ori BM	E10S	2	70					17									64					11						58						
Ori CP	E10S	2					34				66						98					30					62							
Ori DN	L10	2			36																												29	
Ori FO	L10	2																																
Ori FT	E10X	2						32s				47s					62s	94																
Ori GG	E10X	2	62s					32			47						62						51s											
Ori V0536	E10S	2		40				57															38				55							
Ori V1016	L10	2																							43									
Ori V1031	E10S	2	59					40								51s											43							
Peg U	S10	2	36	30s	24+	36	30s	24+	36	30s	23+	36	30s	23+	36	29s	23+	35	29s	22+	35	28s	22+	35										
Peg VV	RR	2	19									37	35				33	30	28	26	23													
Peg VV	L10	2	19									37	35				33	30	28	26	23													
Peg AV	RR	3	29	24	41		19	36	31		26	22	39				34	29	24			19			32		27	22						
Peg AW	L10	2			23s				54							85s						16					48s							
Peg BH	90	2		38			30	22				35	27				20					33	25										30	
Peg BK	E10S	3						35															33											31
Peg CG	90	2	39	33	26	20		40	34	27	20						34	28	21				35	28	22								29	
Peg DF	L10	3											20															90						
Peg DH	RR	2	32	34	36		19	21	24	26	28	30	32	35								20	22			25	27	29	31				19	21
Peg GH	E10S	2	30s					24								36						19s			30s									
Peg IP	K10	2	21+	32	27+	22+	32	27+	22+	33	28+	23+	23+	33	28+	23+	34	29	24+	19+	30	24+	19+	30	25+	20+	31	26	21+	31	26	21+	32	27
Per RW	L10	2						7																										
Per RY	E10S	2	25s				68						55										41					27						
JD 613	..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99								
JD 614	..																									0	1	2	3	4	5		6	

2026 Dez	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Per AG E10X 2		47s	25+	53s	68	56s	59s	62s	55+	68s							41										27						
Per AR 90 2		58	43	28+	56	41	26+	54	39	24+	52	37	22+	50	35	20+	47	33	60	45	30+	58	43	28+	56	41	26+	54	39	24+	52	37	
Per AY L10 2								79														57											
Per IQ E10X 2			33+				56+	30+				53+					27+					50+	25+				48+	22+					
Per KN E10U 3		19+	28+	36+	23+	31+	39+	26+	34+	21+	29+	37+	24+	32+	19+	27+	36+	22+	31+	39+	25+	34+	20+	29+	37+	24+	32+	19+	27+	35+	22+	30+	
Per LX L10 2		36s			38			40s				42					44s					45			47s			49					
Per beta			46		32			19	62s			49s			36s							53			40			26					
Psc RU 90 2		44	22	39	56	34	51	29	46	24	42	20	37		32	49	27	44	22	39		35		30	47	25	42	20	37		33		
Psc RY 90 2					24		30	36							19	25	31	37					19	25	31								20
Psc SS 90 2		45	32	47	33	19+	34	21+	36	22+	37	24+	39	25	40	27	42	28	43	30	45	31	46	32	19+	34	20+	35	22	37	23	38	
Sge SY E10S 3				28																		21s											
Ser VY RR 2								74				74						74					74					73					
Ser AN 90									74	79												71											67
Ser BH 90 2			75		79				70			74			78		65					69		74		78	65		69				
Ser EG L10 2			55s																														
Ser LX K10 3		79	74		75		71	77	72			78	73	68	79	74	69	75	70			76	71	66	77	72	67	78	73	68	63+	74	
Sex T 90 3		57	55	52	79		77	74	72	69	66	64	61	59	56	53	51	48	78	76	73	70	68	65	63	60	57	55	52	50	47	44+	
Tau RW S10 2			56		33									63			40											48			25		
Tau CD S10 2		60s	32					47s						62	34s												64s	36					
Tau EN E10S 3		47	71s				42	66s				38	62s				34	57s				29	53s				25	49s					20
Tau V1094 L10 2			75+									74+										73+						72+					
Tri X S10 3		59	56	53	50		48	45	42	39	36	33	30	28	25	22	19																
Tri RU E10S 2			41					31s		58s		21			48							38s						55		19s			
Tri UX 90 2		49	42	35	29	22		56	49	42	36	29	22		56	49	43	36	29	23			50	43	36	30	23		50	43	37		
UMa W S10 3		30+	30+	30+	31+	31+	31+	31+	31+	31+	31+	31+	31+	31+	32+		32+	32+	32+	32+	32+	32+	32+	32+	32+	32+	32+	33+	33+	33+	33+	33+	33+
UMa RV RR 2		64	57	51			79	72	19+	59	53	47		74	68		61	55	49	42		76	70	64	57	51	44	78	72	66		59	
UMa RW E10S 2			47s										46									79			45s								78s
UMa TU RR 3			50	62	73			52	64	75			54	65	77							56	67	79			46	58	69			50	
UMa TX S10 2			53		59			65				72			78																		
UMi W S10 3			63	33				74	44													64					34		75	45			
Vir ST 90 2		78					71	77					70	75								68		74	79			67	72			77	
Vir AG E10D 2				77	74s		70	67s	63	59s	56		77	74s	70		66s	63	59s	56	52s		77	73s	70	66s	62	59s	55	52s		77	
Vir AH S10 2		59s	61	63s	65	67s	69	71s	72	74s	56+	58+	60s	62	63s	65	67s	69	71s	73	54+	56+	58+	60s	62	64s	66	67s	69	51+	53+	55+	
Vir AT 90 2		69	74	79								68	73	78								67	72	77					61		66		
Vir AV 90 2								79				76	73				71	68	65				62	59									
Vir CG E10S 3		79s	73s					74									76s	69s							77	71							79s
Vul Z S10 2																											20						
Vul BN 90 2			21														28		25														
Vul DR E10X 3								26+									27+																
JD 613 ..		76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99								
JD 614 ..																										0	1	2	3	4	5	6	

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Diese Seite ist aus technischen Gründen leer.

BAV-Materialien für Beobachter veränderlicher Sterne

BAV Einführung in die Beobachtung Veränderlicher Sterne

Die fünfte, ergänzte und aktualisierte Auflage des bewährten Buches liegt seit August 2022 vor.

Die 5. Auflage enthält Erweiterungen und Aktualisierungen weiterer Autoren.

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