



50. Jahrgang

BAV Circular

Heft 2 - 2012

Ephemeriden

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

Julianisches Datum 2012

| | Jan | Feb | Mrz | Apl | Mai | Jun | Jul | Aug | Spt | Okt | Nov | Dez |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2455 000 + | 927 | 958 | 987 | | | | | | | | | |
| 2456 000 + | | | | 018 | 048 | 079 | 109 | 140 | 171 | 201 | 232 | 262 |

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.

Inhaltsverzeichnis

1 Julianisches Datum und Tagesbruchteile

2 Veränderungen gegenüber dem Vorjahr Erläuterung der Ephemeriden-Tabellen

4 Ephemeriden für die BAV-Programme

| | |
|---|-----|
| Bedeckungsveränderliche Standardprogramm 2010 | S10 |
| Bedeckungsveränderliche Langperiodische 2010 | L10 |
| Bedeckungsveränderliche Erwünschte Beobachtungen 2010 | E10 |
| RR-Lyrae-Sterne Standardprogramm | RR |
| RR-Lyrae-Sterne Programm 1990 | 90 |

71 Ephemeriden für das BAV-Programm Mirasterne

Veränderungen gegenüber dem Vorjahr

keine

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.

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.

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 Datumswechsel stattfindet.
Eine Tabelle zur Umrechnung der Tagesbruchteile in MEZ befindet sich auf der Titelseite.

Impressum

Herausgeber u. Vertrieb: Bundesdeutsche Arbeitsgemeinschaft für Veränderliche Sterne e.V. (BAV), Munsterdamm 90, 12169 Berlin, zentrale@bav-astro.de

Redakteur: Joachim Hübscher (V.i.S.P.)

Druck: Copy King, Unter den Eichen 57, 12203 Berlin

Redaktionsschluss: 04.11.2011

Erläuterung der Ephemeriden-Tabellen

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 | Die Bedeckung dauert 77,9 Stunden (D = 77,9h). 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

| 2012 | Jan | | 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 | 28 | | | 37 | 26 | | | 35 | 24 | | | 33 | 22 | | | 31 | 20 | | 41 | 29 | | | 39 | 27 | | 37 | 25 | | | | 35 | |
| And | SY | L10 | | | | | | | | | | | | | | | | | | | | | | | 42 | 47 | 52 | | | | | | | |
| And | TW | S10 | | | | | | | | | | | | | 25 | | | | 38 | | | | | | | | | | | | | | | |
| And | XX | 90 | 42 | | | 31 | | 48 | 20 | | 37 | | | 26 | | 43 | | | 32 | | | 21 | | 38 | | 27 | | 44 | | | 33 | | | |
| And | CD | L10 | | | 46 | \ | 53 | / | 59 | / | | | | | | | | | | | | 68 | \ | 75s | / | 81 | | | | | | | | |
| And | OV | 90 | 31 | 25 | 19 | | | 49 | 43 | 37 | 31 | 25 | 19 | | | 43 | | 37 | 31 | 25 | | | | | 43 | 37 | 31 | 25 | | | | | | |
| Aqr | SW | RR | | | | | | | | | | | 21 | | | | | | | | | | | | | | | | | | | | | |
| Aqr | SX | 90 | | 23 | | | | | | | 20 | | | | | | | | | | | | | | | | | | | | | | | |
| Aqr | CD | E10S | | | | 50 | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | |
| Aqr | HH | 90 | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | | | | | |
| Aqr | LL | L10 | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Aql | V341 | 90 | | | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aql | V889 | L10 | 29 | | | | | | 47 | | | | | 41 | | | | | | | | 59 | | | 53 | | | | | | 71 | | | |
| Aql | V1353 | E10S | | | | | | | | | | | | | | 76s | | | | | | | | | | | | | | | | | 74s | |
| Aql | V1426 | E10S | | | | | | 75 | 93 | | 10 | 28 | 45 | 63 | 80 | 98 | | 15 | 33 | 50 | 68 | 85 | | 3 | 20 | 38 | 55 | 73 | 90 | | 8 | 25 | 43 | |
| Ari | X | RR | | 26 | | 21 | | | 47 | | 42 | | 37 | | 33 | | 28 | | 23 | | | | | 44 | 40 | | 35 | | 30 | 26 | | | | |
| Ari | RS | L10 | | | | 87 | | | | | 27s | | | | 67 | | | | | | 7s | | | 47 | | | 87s | | | | | | | |
| Ari | AL | E10S | 31 | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | |
| Aur | TZ | 90 | 28+ | 46 | 24+ | 42 | 20+ | 38+ | 55 | 33+ | 51 | 29+ | 47 | 25+ | 43 | 21+ | 39 | 56 | 34+ | 52 | 30+ | 48 | 26+ | 44 | 22+ | 39 | 57 | 35 | 53 | 31+ | 49 | 27+ | 44 | |
| Aur | CQ | L10 | | | | | | | 17 | | | | | 48s | | | | | | | 79 | | | | 10s | | | 41 | | | | | | |
| Aur | IY | E10S | | 57 | | | 37 | | | | | | | | | | | | | | | | 54 | | | 33 | | | | | 51 | | | |
| Aur | V432 | E10S | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | | | | |
| Boo | RS | RR | 63 | 76 | | 65 | 78 | 53 | 67 | | 55 | 68 | | 57 | 70 | | 59 | 72 | | 61 | 74 | 49 | 63 | 76 | 51 | 65 | 53 | 66 | | 55 | 68 | | | |
| Boo | TW | 90 | | | | 50 | 57 | 63 | 70 | 76 | | | | 49 | 55 | 62 | 68 | 74 | | | | | 47 | 53 | 60 | 66 | 73 | | 45 | 52 | 58 | | 65 | |
| Boo | UU | 90 | 72 | 63 | 54 | | | 74 | 66 | 57 | | | 77 | 68 | 60 | | | | | | 71 | 62 | 54 | | 73 | 65 | 56 | | 76 | 67 | 59 | 50 | | |
| Boo | UY | 90 | 57 | | | | | 78 | | 73 | | 69 | | 64 | | 59 | | 54 | | | | | | 75 | | 70 | 66 | | 61 | | 56 | | 52 | |
| Boo | AC | E10D | 57+ | 63 | 51+ | 56+ | 62s | 50+ | 56+ | 62+ | 50+ | 56+ | 61+ | 49+ | 55+ | 61 | 49+ | 55+ | 60+ | 49+ | 54+ | 60+ | | 48+ | 54+ | 60+ | 48+ | 54+ | 42+ | 47+ | 53+ | 41+ | 47+ | 53+ |
| Boo | CM | 90 | 56 | 78 | | 61 | | | 65 | | 70 | | | 52 | 74 | | 57 | | | | 62 | | | 66 | | 71 | | 53 | 75 | | 58 | | | |
| Boo | CQ | 90 | | 68 | | 65 | 78 | 63 | 75 | 60 | 73 | 57 | 70 | | 67 | | 65 | 77 | 62 | 75 | 59 | 72 | 57 | 69 | 54 | 67 | 64 | 77 | 61 | 74 | 59 | | 71 | |
| Boo | CS | 90 | 54 | 65 | 76 | | | 52 | 63 | 74 | | | | 61 | 72 | | | | | | 59 | 70 | | | 57 | 68 | | 55 | 66 | 77 | | | | |
| Cam | SS | E10S | | | | 36 | | 77s | | | 18 | | 59s | | | 1 | | 42s | | 83 | | | 24s | | 65 | | 6s | 47 | | | 89s | | | |
| Cam | SV | S10 | 66 | 25 | 44 | 63 | 22 | 40 | 59 | 78 | 37 | 56 | 74 | 34 | 52 | 71 | 30 | 49 | 67 | 27 | 45 | 64 | 23 | 42 | 60 | | 38 | 57 | 76 | 35 | 53 | 72 | 31 | |
| Cam | AK | E10S | | 47 | | 70 | | | | | | | 38 | | 61 | | | | | | | | | 52 | | 74 | | | | | | | 42 | |
| Cam | AN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cam | AT | E10S | 22 | 62 | 32s | 71s | 41 | | 50s | 20 | 60 | 29s | 69s | 39 | 78 | 48s | | 58 | 27s | 67s | 37 | 76 | 46s | | 56 | 25s | 65s | 35 | 74 | 44s | | 54 | 23s | |
| Cnc | S | L10 | | | | | | | | 7 | | | | | | | | | | | | | | | | | | | 4 | | | | | |
| Cnc | RU | L10 | | | | | | | | | 57 | | | | | | | | | | | 74 | | | | | | | | | 91 | | | |
| Cnc | RW | 90 | 74 | | 39 | 48 | 57 | 67 | 76 | 31 | 40 | 50 | 59 | 69 | 78 | 33 | 42 | 52 | 61 | 71 | | 35 | 44 | 54 | 63 | 73 | 27 | 37 | 46 | 56 | 65 | 75 | 29 | |
| Cnc | RZ | L10 | 57 | / | 19 | / | | | | | | 77 | \ | 39s | / | 1 | / | | | | | | | 59 | \ | 21 | 83 | / | | | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | |

| 2012 | Jan | | 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 | 42 | 55 | 68 | | 37 | 49 | 62 | | | 44 | 57 | 69 | | 38 | 51 | 64 | | 33 | 45 | 58 | | | 40 | 52 | 65 | | 34 | 47 | 60 | | 29 | | |
| Cnc | TU | E10S | | | | | 5 | | | | | 61 | | | | | | 17 | | | | | 73 | | | | | | 29 | | | | | | |
| Cnc | UU | L10 | | | | | | | | | | | | | | | | | | \ | \ | \ | \ | | | | | \ | \ | \ | 78 | / | / | | |
| Cnc | ZZ | L10 | | | | | | | | | | | | | | | | | | | | 14\ | 17 | 19/ | | | | | | | | | | | |
| Cnc | AQ | 90 | | | 46 | 56 | 66 | 75 | | 40 | 50 | 59 | 69 | | | 43 | 53 | 63 | 72 | | 37 | 47 | 56 | 66 | | 40 | 50 | 60 | 69 | | 34 | | 44 | | |
| CVn | W | 90 | 62 | 72 | | | 48 | 58 | 69 | 79 | | | 55 | 65 | 76 | | | 51 | 62 | 72 | | | 48 | 58 | 69 | | 45 | 55 | 65 | 76 | | | 41 | | |
| CVn | Z | 90 | 56 | | 52 | | 48 | 79 | 44 | 75 | 40 | 71 | | 67 | | 64 | | 60 | | 56 | | 52 | | | | 44 | 75 | 41 | 71 | 37 | 68 | 33 | | 64 | |
| CVn | RS | S10 | | | | | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | |
| CVn | RZ | 90 | 78 | | | 62 | 75 | | | | 59 | 73 | | 56 | 70 | | | 54 | 67 | | | 51 | 64 | 78 | | 48 | 61 | 75 | | 45 | 59 | 72 | | | |
| CMa | R | S10 | | 44 | | | | | | | | | 53 | | | | | | | | 48 | | | | | | | 43 | | | | | | | |
| CMi | AM | E10S | 48 | 50 | 52 | 54 | 56 | 58 | 59 | 61 | 63 | 65 | | | | | | | | | | 32s | 33s | 35s | 37s | 39s | 41s | 43s | 45s | 47s | 49s | 51s | 53s | 55s | |
| Cas | RX | L10 | | | | | | | | | | | | | | \ | \ | \ | 93 | / | / | / | / | | | | | | | | | | | \ | |
| Cas | RZ | S10 | 56 | 75 | | | | 34 | 53 | 73 | | | 32 | 51 | 71 | | | | | 29 | 49 | 68 | | | | | 27 | 46 | 66 | | | | 24 | 44 | |
| Cas | SX | L10 | | | | | | | | | | 44\ | \ | 27 | / | 10/ | | | | | | | | | | | | | | 72\ | \ | 55s | | | |
| Cas | TV | S10 | | 33 | | | | 77 | | 58 | | | 39 | 21 | | | | | | | | 46 | | 27 | | | | 71 | | 52 | | | 33 | | |
| Cas | TW | S10 | | | 25 | 68 | | 54 | | | 39 | | | 25 | 68 | | | 54 | | | | 39 | | | 25 | 68 | | 53 | | | | 39 | | | |
| Cas | TX | E10S | | 63s | | | 56s | | 49s | | | | 41s | | 34s | | | 27s | 73 | | | | 66 | | | 58 | | 51 | | | | 44 | | | |
| Cas | AQ | L10 | | | | | | | 67\ | 73 | 78/ | | | | 53\ | 59s | | 64/ | | | | 39\ | 45 | 50/ | | | 25\ | 31s | 36/ | | | | | | |
| Cas | BM | L10 | | | | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 77 | / | / | |
| Cas | DN | E10S | | | 23s | 38 | 54s | 69 | | | | | 31 | 47s | 63 | 78s | | | 25 | 40s | 56 | | 71s | | | | | 34s | 49 | 65s | | | | | |
| Cas | GG | E10S | | | | | | | | | | | | 39 | | | | | | | | | | | | | | 43 | | | | | | | |
| Cas | GU | E10U | | | 38 | | | 48 | | | 57 | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| Cas | IL | E10S | | 31 | | | 76 | | | | 22 | | | 67 | | | | | | | | 57 | | | | | | 47 | | | | | | | |
| Cas | IT | E10X | | | | | | | | | | | | | | | | | 44 | | | | | 34 | | | | 24 | | 39 | | | | | |
| Cas | OX | E10X | | 40 | | | | 38 | | | | | | 36 | | | | | 34 | | | | | 32 | | | | 30 | | | | | | | |
| Cas | PV | E10X | 24 | | | 75 | 58 | 50 | 33 | 25 | | | 75 | 50 | 33 | 25 | | | | | | | 34 | 25 | | 75 | | 50 | 34 | 25 | | | | | |
| Cas | V368 | E10S | | | | | 29 | | | 74 | | | | | | | | | | | | | 65 | | | | 55 | | | | | | | | |
| Cas | V375 | E10D | 40 | | 61s | 35 | | 56s | 30 | 77 | 51s | 24 | 72 | 45s | | 66 | 40s | | | | | 56 | 29s | 77s | 50 | 24s | 71s | 45 | | 66s | 40 | | 61s | | |
| Cas | V381 | E10X | | | | | | 33 | 20 | | | | | | 31 | | | | | | | 30 | | | | | 28 | | | | | | | | |
| Cas | V459 | L10 | | | | 6 | | | | | 22 | | | | 52 | | | | | | | 68 | | 98 | | | | 14 | | | | | 43 | | |
| Cep | RZ | 90 | 26+ | 49 | 42+ | 35+ | 27+ | 20+ | 43+ | 36+ | 28+ | 21+ | 44+ | 37+ | 30+ | 22+ | 46+ | 38+ | 31+ | 23+ | 47+ | 39+ | 32+ | 25+ | 48 | 41+ | 33+ | 26+ | 49 | 42+ | 34+ | 27+ | 50 | | |
| Cep | VW | S10 | 24+ | 22+ | 19+ | 30+ | 28+ | 25+ | 23+ | 20+ | 31+ | 29+ | 26+ | 24+ | 21+ | 32+ | 30+ | 27+ | 25+ | 22+ | 33+ | 31+ | 28+ | 26+ | 23+ | 34+ | 32+ | 29+ | 27+ | 24+ | 21+ | 33+ | 30+ | | |
| Cep | XX | S10 | | | 41 | | 75 | | | | 42 | | | 76 | | | | | | | | 43 | | | | 45 | | | | | | | | | |
| Cep | XY | E10S | | | | 61 | | | | 38 | | | | | | | | 71 | | | | 48 | | | 25 | | | | | | | | 58 | | |
| Cep | ZZ | S10 | 19 | | 33 | | 47 | 62 | | 76 | | | | | | | | | | | | 33 | | 61 | | 75 | | | | | | | | | |
| Cep | AI | E10S | | | | | | | | 26s | | 37 | | | | | | 71s | | | | | | | | | | 27 | | 39s | | | | | |
| Cep | CW | E10X | | 35 | 67 | | | 40 | | | 54 | | | | | | | | 31 | 73 | | | | 46 | 77 | | 50 | | | 23 | 65 | | | | |
| Cep | EI | L10 | | | | 37s | | | 59 | | | | | 81s | | | | | 3 | | | | | 25s | | 47 | | | | | | | | | |
| Cep | EX | L10 | | | | | | | | | 45 | | | | | | | | | | | | | | 89 | | | | | | | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | | |

| 2012 | Jan | | 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 | NN | E10S | | | | | | | | | | | 21s | 24 | 27s | 30 | 33s | 35 | 38s | 41 | 44s | 47 | 50s | 53 | 56s | 59 | 62s | 65 | 68s | 70 | 73s | 76 | | | |
| Cet | RR | RR | | | 22 | 33 | | | | | 20 | 31 | | | | 28 | | | | | 26 | | | | 24 | 35 | | | | 22 | 32 | | | | |
| Cet | RV | 90 | | 25 | | | 36 | | | 23 | | 35 | | | | | 22 | | | 21 | | 32 | | 20 | | 31 | | | | | 30 | | | | |
| Cet | TU | E10S | | | 61 | | | | | 0 | | | | | | | 39 | | | | | 78 | | | | 57 | | | | 96 | | | | | |
| Cet | TV | L10 | | | | | 26 | | | | | 75 | | | | | | | | | 86 | | | | 47 | | | | 96 | | | | | | |
| Cet | XY | E10S | | | | 37 | | | | | | 32s | | | | | | | | 27 | | | | | 23s | | | | 40 | | | | | | |
| Com | S | 90 | 76 | | 52 | 69 | | 45 | 62 | | | 56 | 73 | | 49 | 66 | | 42 | 60 | 77 | | 53 | 70 | 46 | 63 | | 39 | 57 | 74 | | 50 | 67 | | | |
| Com | ST | 90 | | 55 | 75 | | 54 | 74 | | 54 | 74 | | 53 | 73 | | 53 | 72 | | | 52 | 72 | | 52 | 71 | 51 | 71 | | 51 | 70 | 50 | 70 | | | | |
| CrB | U | S10 | | | 58 | | | | | | | | | | | | | | | | | | | | | | 75 | | | | | | | | |
| CrB | RV | 90 | 69 | 68 | 68 | 67 | 67 | 66 | 66 | 65 | 65 | 64 | 64 | 63 | 63 | 62 | 62 | 61 | 60 | 60 | 59 | 59 | 58 | 58 | 57 | 57 | 56 | 56 | 55 | 55 | 54 | 54 | 53 | | |
| Crt | W | 90 | | | | 64 | | 70 | | | | | 65 | | | | | 59 | | 65 | | | | | 60 | 66 | | | 54 | | 60 | | | | |
| Cyg | UY | RR | | | 29 | | | | | 21 | | | | | 26 | | | | | | | | 23 | | | | | | | | | 76 | | | |
| Cyg | XZ | RR | 38 | 32+ | 25+ | 65 | | | | | 38 | 32+ | 25+ | 65 | 58 | | | 32+ | 25+ | 65 | 58 | | | | 32+ | 25+ | 65 | 58 | | | 31 | 25+ | | | |
| Cyg | BO | E10S | | | | | 22 | | | | | | | | 24 | | | | | | | | | 78 | | | | 29 | | | | | | | |
| Cyg | DM | RR | | | 25 | | | 19 | | 29 | | | 23 | | | | | 27 | | | | | | | | 25 | | 76 | | | | | | | |
| Cyg | EM | K10 | 24 | | 28 | | 32 | 19 | | 23 | | 26 | | 30 | | | 21 | | | 24 | | 28 | | | | 23 | | 26 | | | | | | 21 | |
| Cyg | V367 | L10 | | | \ | \ | 76 | / | / | / | | | | \ | \ | \ | 6s | / | / | | | | | \ | \ | 36 | / | / | | | | | \ | | |
| Cyg | V463 | E10S | | | | | | | | | | 79 | | | | | | | | | | | | | | | | | 73 | | | | | | |
| Cyg | V477 | | | | 23 | | | | | 27 | | | | | | 31 | | | | | | | | | | | | | 70 | | | | | | |
| Cyg | V541 | L10 | | | | | 51 | | | | | | | | | | | | | | | 85 | | | | | | | | 16 | | | | | |
| Cyg | V548 | E10S | 77 | | | | 38 | | | | | 79 | | | | | | 21 | | | | | | | | 23 | | | | | 65 | | | | |
| Cyg | V788 | L10 | | | | | | | | | | | | | | | | | | | | | | | 84\ | 79 | 75/ | | | | | | | | |
| Cyg | V891 | E10S | 22 | | | | | | | | | 75 | | | | | | | | | | | | | | | | | | | | | | 71 | |
| Cyg | V909 | E10S | | | | | | | | 76 | | | | | | | 78s | | | | | | | | | | | | | | | | | | |
| Cyg | V1061 | E10S | | | | | 41 | | 76 | | | | | | | | | | | | | | | | | | | | | | | | | 23 | |
| Cyg | V1918 | E10D | | 22 | 25s | 28 | 31s | | | | 21s | 24 | 27s | 31 | | 20 | 23s | 26 | 30s | | | | 22 | 25s | 29 | | | | 21s | 25 | | | | | |
| Del | DX | 90 | | | | | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dra | RW | RR | 50 | | 27+ | 60 | 49 | | 26+ | 59 | 47 | | 24+ | 57 | 46 | | 23+ | 56 | 45 | 77 | 22+ | 55 | 43 | 76 | 20+ | 53 | 42 | 75 | 63 | 52 | 40 | 73 | 62 | | |
| Dra | SU | RR | 36 | 68 | 34 | 66 | 32 | 64 | 30 | 62 | 28 | 60 | 26 | 58 | 24 | 56 | 23 | 55 | 21 | 53 | | 51 | | 49 | | 47 | | 45 | 77 | 43 | 75 | 42 | | 74 | |
| Dra | SW | RR | 38 | 52 | 66 | 23 | 37 | 51 | 65 | 22+ | 36 | 50 | 64 | 20+ | 34 | 48 | 62 | 76 | 33 | 47 | 61 | 75 | 32 | 46 | 60 | 74 | 31 | 45 | 59 | 73 | 29 | 43 | 57 | | |
| Dra | TZ | E10D | | | 26 | | 72 | | | | 19 | | | 78 | 65 | | 25 | | | | 71 | 58 | | | | 77 | 64 | | | | | | | 70 | |
| Dra | VZ | 90 | 22+ | 50 | 47+ | 43+ | 71 | 68 | 64 | 28+ | 24+ | 21+ | 49 | 45+ | 42+ | 70 | 66 | 63 | 59 | 23+ | 20+ | 48 | 44+ | 41+ | 69 | 65 | 62 | 58 | 22+ | 51 | 47 | 43+ | 39+ | | |
| Dra | WW | S10 | | 26 | | | | | | | | 52 | | | | | | | | | | | | | | 41 | | | | | | | | | |
| Dra | XZ | RR | 64 | 59 | 54 | 50 | 45 | 40 | 36 | 31+ | 26+ | 22+ | 64 | 60 | 55 | 50 | 46 | 41 | 36 | 32 | 27+ | 22+ | 65 | 60 | 56 | 51 | 46 | 42 | 37 | 32 | 27+ | 23+ | 66 | | |
| Dra | AI | S10 | | 56 | 76 | | | | | 55 | 75 | | | | | 55 | 75 | | | | | 54 | 74 | | | | | 54 | 73 | | | | | | |
| Dra | BF | | | | | 29 | | | | | | | | | | 51 | | | | | | | | | | | | 72 | | | | | | | |
| Dra | BK | 90 | 31 | 49 | 68 | 27 | 45 | 64 | 23 | 41 | 60 | 19+ | 37 | 56 | 74 | 33 | 52 | 70 | 29 | 48 | 66 | 26 | 44 | 62 | 22 | 40 | 58 | 77 | 36 | 54 | 73 | 32 | 50 | | |
| Dra | BU | E10S | | 79 | | | | 61 | | | | 44 | | | | | | | | | | | | | | 76 | | | | | 58 | | | | |
| Dra | EX | K10 | 27 | 22+ | 27s | 21+ | 26 | 21+ | 26s | 20+ | 25 | 20+ | 25s | 30s | 24 | 29 | 24s | 28s | 23 | 28 | 22s | 27s | 22 | 27 | 21s | 26s | 21 | 26 | 25s | | 25 | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | | |

| 2012 | Jan | | 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 | GV | L10 | | | | | | | | | | 76 | | | | | | | | | | | | | | | | | | | | | | | |
| Eri | SV | 90 | | | | 27 | | 41 | | | | 26 | | | | 26 | | | | | | 26 | | | | 26 | | | | | 25 | | | | |
| Gem | U | K10 | 28 | 34 | 22 | 28 | | 23 | 29 | | 24 | 30 | | 24 | 31 | | 25 | | | | | 20 | 26 | | 21 | 27 | | | 21 | 27 | | 22 | | 23 | |
| Gem | RR | 90 | 52 | 31+ | 50 | 30+ | 49 | 29+ | 48 | 27+ | 46 | 26+ | 45 | 24+ | 44 | 23+ | 42 | 22+ | 41 | 20+ | 40 | 59 | 38 | 57 | 37 | 56 | 36 | 55 | 34 | 53 | 33 | 52 | 31 | | |
| Gem | RY | L10 | | | | | | | 8 | | | | | | | | | 38 | | | | | | | | 68 | | | | | | | | | |
| Gem | SV | E10S | | | | 44 | | | | 44 | | | 45 | | | | | 46 | | | | 46 | | | | 47 | | | | | 47 | | | | |
| Gem | SZ | 90 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | | | |
| Gem | WW | E10S | | 41 | 65 | 27s | 51s | | 36 | 60 | 22s | 46s | | 31 | 55 | | 41s | | | | | 27 | 50 | | 36s | 60s | 22 | 45 | | 31s | 55s | 41 | 26s | 50s | |
| Gem | YY | S10 | 59 | 40 | 63s | 44s | 25+ | 48 | 29+ | 51s | 33+ | 55 | 36 | 58s | 40s | 21+ | 43 | 25+ | 47s | 28+ | 50 | 32 | 54s | 35s | 58 | 39 | 61s | 43s | 24+ | 46 | 28+ | 50s | 31s | | |
| Gem | V339 | E10U | | | | | | | | | | | | | | 28 | | | | | | | | | | | | | | | | | | | |
| Her | TX | S10 | 63 | 66s | 69 | 72s | 75 | 78s | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Her | UX | E10D | | | | 72 | | | | | | | | | | | | | | | | | | | 76 | | | | | | | | | | |
| Her | VX | RR | | | | 76 | 67 | | | 77 | 68 | | | | 78 | 69 | | | | | | 70 | 61 | | | | | 71 | 62 | | | 72 | 63 | | |
| Her | VZ | 90 | 70 | | | 78 | 66 | | | 75 | 63 | | | 71 | | | | 67 | | | | 76 | 64 | | | | | 72 | 60 | | | 68 | 56 | 76 | 64 |
| Her | AK | S10 | 73s | 78 | | | 73 | 79s | | 68 | 74s | 79 | | 69s | 74 | | | 69 | 75s | | 64 | 70s | 75 | | 65s | 70 | 75s | | 65 | 71s | 76 | | 66s | | |
| Her | AR | 90 | | | | 78 | 72 | 66 | 60 | 54 | | | 77 | 71 | 65 | 59 | 53 | | | | | 76 | 70 | 64 | 58 | 52 | 46 | | 75 | 69 | 63 | 57 | 51 | | |
| Her | AW | L10 | | | | | | 57 | | | | | | | | 37 | | | | | | | | | | | 17 | | | | | | 97 | | |
| Her | DI | L10 | | | | | | | | 59 | | | 2 | | | | | | | | | | | | | | 14 | | | | 69 | | 67s | | |
| Her | GU | E10U | | | | | 61s | 79 | | | | | | | | | | | | | | 64s | | | | | | | | | | | | | |
| Her | LV | | | | | | | | | | | | 25 | | | | | | | | | | | | | | | | | | 69 | | | | |
| Hya | SZ | 90 | | | | | 52 | 59 | 67 | | | | | 50 | 58 | 65 | | | | | | 41 | 48 | 56 | 63 | | | 39 | 47 | 54 | 62 | | | | |
| Hya | WZ | 90 | | | | | | 56 | 63 | | | | | | 55 | 62 | | | | | | | 54 | 61 | | | | | 45 | 53 | 60 | | | | |
| Hya | AI | L10 | | | | 23 | | | | 87 | | | 52 | | | | | | | | | | | | | | | 44 | | | 10 | | | | |
| Hya | ET | 90 | | | 46 | 51 | | | | 57 | 63 | | | | | 42 | | 48 | | 54 | | 59 | | | | | 39 | 45 | | 51 | | | 56 | | |
| Lac | RW | L10 | | 48 | | | | | | 73 | | | | 85 | | | | | | | | | | | | | 22 | | | 47 | | | | | |
| Lac | SW | S10 | 31 | 27+ | 23+ | 19+ | 31s | 28s | 24+ | 20+ | 32 | 29 | 25 | 21+ | 33s | 30s | 26s | 22+ | 34 | 30 | 27 | 23 | 35s | 31s | 28s | 24s | 36 | 32 | 28 | 25 | 21 | 33s | 29+ | | |
| Lac | UW | E10S | | | | 24 | | | | | 53 | | | | | 82 | | | | | | | | | | | | 40 | | | | | 70 | | |
| Lac | CO | E10X | 42 | 19 | 74 | 51 | 28 | | | 36 | | | 45 | 22 | 76 | | 30 | | | | | 39 | 70 | 47 | 24 | 78 | | 33 | | 41 | 72 | | | | |
| Lac | CZ | 90 | 48 | 34+ | 21 | | 37 | 23 | | 39 | 25 | | 42 | 28 | | 44 | 30+ | | | | | 33+ | | | | 35 | 22 | | 38 | 24 | | 40 | 27+ | 29+ | |
| Lac | V345 | E10X | | | | | 79 | | | 43 | | | | | 29 | | 92 | | | | | | | | | | 42 | | | 27 | | 91 | | | |
| Lac | V364 | E10X | | | | | | | | 33 | | | | | | | | | | | | | | | | | 28 | | | | | | | | |
| Leo | RR | RR | 60 | 50 | 41 | 76 | 67 | 57 | 48 | 38 | 74 | 65 | 55 | 45 | 36 | 72 | 62 | 53 | 43 | 34 | 69 | 60 | 50 | 41 | 31+ | 67 | 57 | 48 | 38 | 74 | 65 | 55 | 46 | | |
| Leo | SS | RR | 57 | | | 70 | | 58 | | | 71 | | 59 | | | 72 | | 60 | | | | 48 | 73 | 61 | | 49 | 75 | 62 | 50 | 62 | 50 | | 63 | | |
| Leo | ST | RR | 68 | 64 | 59 | 55 | 51 | | | | | 76 | 72 | 67 | 63 | 59 | 54 | 50 | 45 | | | | | | | | 67 | 62 | 58 | 54 | 49 | 45 | 40 | | |
| Leo | AG | E10S | | | | | 42 | | | | | | | | | | 60 | | | | | | | | | | 39 | | | | | | | | |
| Leo | AM | S10 | 59+ | 50+ | 60+ | 52+ | 61s | 53+ | 44+ | 54+ | 45+ | 55+ | 47+ | 56+ | 48+ | 57+ | 49+ | 59+ | 50+ | 42+ | 51+ | 43+ | 53+ | 44+ | 54+ | 45+ | 55+ | 46+ | 56+ | 48+ | 39+ | 49+ | 40+ | | |
| Leo | FM | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lyn | TY | E10S | | | | | | | | 47 | | | | | | | | | | | | | | | | | | | | | | | 26 | | |
| Lyn | CD | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | | |

| 2012 | Jan | | 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 | RR | RR | | | 71 | 28 | | 68 | 24 | | | | 21+ | | | | | 75 | | | | 71 | | | 68 | | | 65 | 22 | | | | | | |
| Lyr | RZ | 90 | 19+ | 21+ | 23+ | 77 | | 79 | | | | | | 68 | | | | | | | | | | 66 | 68 | 71 | 73 | 75 | 77 | | | 70 | | | |
| Lyr | UZ | S10 | | | 22 | | | | | | | 79 | | | | | | | | | | | | | | | | | | | | | | | |
| Lyr | CN | 90 | 78 | 19 | | | | 71 | | | 77 | | | | | 71 | | 76 | | | | | 70 | | 76 | | | | 69 | | 75 | | | | |
| Lyr | EZ | RR | 71 | 23+ | | | | | | | | | 69 | 21+ | | | | | | | | | 67 | 72 | 77 | | | | | | | 65 | | | |
| Lyr | IO | 90 | | | 70 | | | 74 | | | | | 78 | | 67 | | | | | | | | | 75 | | | | | | 67 | | | | | |
| Lyr | beta | S10 | | | | | | | | | | | | 66 | | | | | | | | | | | | | | | | | | | | | |
| Mon | UX | E10S | | | | 30 | | 25s | | | 20 | | | 15s | | | | 11 | | | | | 1 | | 96s | | | 91 | | | 87s | | | | |
| Mon | VV | E10S | | | | | 31 | | | | | | 36 | | | | | | | | | | | | 46 | | | | | 51 | | | | | |
| Mon | AQ | E10S | | | 56s | | | | 38 | | | | | 47 | | | | | 56 | | | | | 38s | | | 47s | | | | | 29 | | | |
| Mon | AR | L10 | | | | | | | | 13\ | 82/ | | | | | | | | | | | | 43/ | | | | | | | 34\ | 18 | | | | |
| Mon | AV | E10S | 59 | | | | | | | 54 | | | | | | | | 48 | | | | | | | 43 | | | | | 38 | | | | | |
| Mon | EZ | E10U | 32 | | 21s | 33 | | 22s | | | 22s | | | 23s | | 24s | | | | | | | 26s | | | 27s | | 28s | | | | | | | |
| Mon | IL | E10S | | | 61 | | | | 64 | | | | | 66 | | | | 69 | | | | | | | | 74 | | | 77 | | | | | | |
| Mon | V448 | E10S | 44s | 56s | | 35 | | 47 | 59 | | | 39s | 51s | | 30 | 42 | | 54 | | | 34s | 45s | 57s | | 25 | 37 | 49 | | 28s | 40s | 52s | | | | |
| Mon | V530 | E10U | 32+ | 38+ | 43s | 48s | 53s | 32+ | 37+ | 42 | 47 | 52 | 31+ | 36+ | 41s | 46s | 51s | 30+ | 35 | 40 | 46 | 51 | 30+ | 35s | 40s | 45s | 50s | 29+ | 34 | 39 | 44 | 49 | 28+ | | |
| Mon | V536 | | | | | | | | | 33 | | | | | 47 | | | | | | | | | | | | | | | 25 | | | | | |
| Mon | V634 | E10U | | | | | | | | | | | | 40 | | 52 | | | | | | | | | | | | | | | 31 | | | | |
| Oph | ST | 90 | 77 | | | | | | | | | 77 | | | | 73 | | | | | | | | | 73 | | | | | | | | | | |
| Ori | Z | E10S | | | 72 | | | | | 92 | | | | | | | | | | | | | 33 | | | 53 | | | | | | 73 | | | |
| Ori | BM | E10S | | 51 | | | | | | 98 | | | | | | | | 45 | | | | | | 92 | | | | | | 39 | | | | | |
| Ori | CP | E10S | | | | | | 24 | | | | | 56 | | | | | 88 | | | | | | 20 | | | | 52 | | | | | | | |
| Ori | DN | L10 | | | | | | | 47 | | | | | | | | | | | | | | | | | 44 | | | | | | | | | |
| Ori | EW | E10X | | | | | | | | | | | 53 | | | | | | | | | | | | | | | 41 | | | | | | | |
| Ori | FO | L10 | | | | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | | | |
| Ori | FT | E10X | | | | | | | | | 27 | | 27 | | 42 | 42 | | 57 | 57 | | | | | | | | | | | | | | | | |
| Ori | GG | E10X | | | 37 | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | |
| Ori | V536 | E10S | | | | | | 25 | | | 41 | | | | | | | | | | | | | | | | 27 | | | | | | | | |
| Ori | V1031 | E10S | | | 41s | | | | | | 52 | | | | | | | 33 | | | | | | 44s | | | 23 | | 39 | | 25s | | | | |
| Peg | U | S10 | 20+ | 32 | 26s | 19+ | 32 | 26s | 19+ | 32 | 25s | 19+ | 32 | 25s | | 31 | 25s | | 31 | 25s | | 31 | 25s | 25s | 31 | 25s | 31 | 24s | | 30 | 24s | | | | |
| Peg | VV | RR | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | VW | | | | | | | | 36 | | | | | | | | | | | | | | | | | | | | | 43 | | | | | |
| Peg | AV | RR | | | 32 | | 27 | | 22 | | | | | 30 | | 25 | | 20 | | | | | | 28 | | 23 | | | | | | | | 26 | |
| Peg | AW | L10 | | | | | | | | | 14 | | | | | | | | | | | | | | | 76 | | | | | | | | 39 | |
| Peg | BH | 90 | | | 34 | | 27 | | 19 | | | | | 32 | | 24 | | | | | | | | 29 | | 21 | | | | | | | 27 | | |
| Peg | BK | E10S | | | | | | | | | | | 36 | | | | | | | | | | | | 34 | | | | | | | | | | |
| Peg | CG | 90 | 19 | | | | | | 26 | 20 | | | | | | 27 | 21 | | | | | | | 28 | 21 | | | | | | 22 | | | | |
| Peg | DF | L10 | | | | | | | | 94 | | | | | | | | | | | | | | | | | 64 | | | | | | | | |
| Peg | DH | RR | | | | | | 21 | 23 | 25 | 27 | | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | | |

| 2012 | Jan | | 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 | GH | E10S | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | | |
| Peg | IP | K10 | 24+ | 19+ | 22+ | 24+ | 19+ | 22+ | 25+ | 20+ | 23+ | 26+ | 21+ | 23+ | 26+ | 21+ | 24+ | 27 | 22+ | 25+ | 27 | 22+ | 25+ | 20+ | 23+ | 26s | 21+ | 23+ | 26s | 21+ | 24 | 27s | 22+ | |
| Per | RW | L10 | | | | 91 | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | |
| Per | AG | E10X | 26 | 28 | 29 | 31 | 31 | 34 | 34 | 37 | 37 | 40 | 40 | 43 | 43 | 46 | 46 | 48 | 49 | 51 | 52 | 54 | 54 | 57 | 57 | | | | | | | | | |
| Per | AR | 90 | 34 | 19+ | 47 | 32 | 59 | 45 | 30 | 57 | 42 | 28 | 55 | 40 | 25 | 53 | 38 | 23+ | 51 | 36 | 21+ | 49 | 34 | 62 | 47 | 32 | 60 | 45 | 30 | 57 | 43 | 28 | 55 | |
| Per | AY | L10 | | | | | | | 24 | | | | | | | | | | | 2 | | | | | | | | | | | | | | 80 |
| Per | IQ | | 68 | | 43 | 21 | | | | 66 | | 40 | 19 | | | | 63 | | | 38 | | | | 61 | | 35 | | | | 58 | | 32 | | |
| Per | KN | E10U | | | 62 | 48 | 35 | 22 | | | | 55 | 42 | 28 | | | | 48 | 35 | 21 | | | | 55 | 41 | 28 | | | | 48 | | 35 | | |
| Per | LX | L10 | | | 42 | | | | 44s | | | | 46 | | | | 48s | | | 50 | | | | 52s | | | | 53 | | | | 55s | | |
| Per | beta | S10 | | 51 | | | 38 | | | 25 | | | | | | | | | | | | | | | 45 | | | | 32 | | | | | |
| Psc | RY | 90 | 24 | 30 | | | | | | | | 24 | 30 | | | | 30 | | | | 25 | | | | | | | | 25 | | | | | |
| Psc | SS | 90 | 22 | 37 | 23 | 38 | 25 | 40 | 26 | 41 | 27 | 43 | 29 | 44 | 30 | | 32 | 29 | 33 | 20 | 35 | 21 | 36 | 22 | 38 | 24 | 39 | 25 | 40 | 27 | 28 | | | |
| Ser | VY | RR | 76 | | | | | 76 | | | | | 75 | | | | | 75 | | | | | | 75 | | 61 | | | | 61 | | | 75 | |
| Ser | AN | 90 | | | 68 | 73 | 77 | | | | | | | | 65 | 69 | | 73 | 78 | | | | | | | 61 | | | 65 | 70 | 74 | | | |
| Ser | BH | 90 | | 69 | | | 73 | 60 | | 77 | 64 | | | | | | 72 | 59 | | 77 | 63 | | | 68 | 55 | | 72 | 59 | | 76 | 63 | | | |
| Ser | EG | L10 | | | | 42 | | | | | | | | | | 37 | | | | | | | | | 32 | | | | | | | | | |
| Ser | LX | K10 | 62+ | 73 | 68 | 63+ | 74 | 69 | 64 | 75 | 70 | 65 | 61+ | 71 | 66 | 62+ | 72 | 67 | 63+ | 58+ | 69 | 64 | 59+ | 70 | 65 | 60+ | 71 | 66 | 61+ | 56+ | 67 | 62 | 57+ | |
| Sex | T | 90 | 50 | 48 | 45 | 43+ | 73 | 70 | 67 | 65 | 62 | 60 | 57 | 54 | 52 | 49 | 47 | 44 | 41 | 39+ | 69 | 66 | 64 | 61 | 58 | 56 | 53 | 51 | 48 | 45 | 43 | 40 | 38 | |
| Tau | RW | S10 | | | | 42 | | | 19 | | | | | | | 50 | 21s | | | | | 37 | | | | 52s | | | | | | | | |
| Tau | CD | S10 | | 19 | | | | | 34s | | | | | | 50 | | 21s | | | | | | | | | | | | | | | | | |
| Tau | EN | E10S | | | | | | 65 | | | | | 61 | | | | | 57 | | | | | | 52 | | | | 48 | | | | | | |
| Tau | V1094 | L10 | | | 76 | | | | | | 63 | | 49s | 46s | 43s | 40s | 37s | 34s | 32s | 29s | 26s | 23s | 74 | | | | 26s | | | | 73 | | | |
| Tri | X | S10 | 29 | 26 | 23 | 20 | | | | | | | 46 | | | | | | | | | | 26 | 20s | | | | | | 43 | 40 | | | |
| Tri | RU | E10S | | | | | | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tri | UX | 90 | 24 | | | | | 31 | 24 | | | | | | | 31 | 25 | | | | | | | | 25 | | | | | 25 | | | | |
| UMa | W | S10 | 27+ | 27+ | 27+ | 27+ | 27+ | 27+ | 27+ | 27+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 28+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ | 29+ |
| UMa | RV | RR | 55 | 48 | 42 | | 76 | 70 | 63 | 57 | 51 | 44 | 38 | 78 | 72 | 65 | 59 | 53 | 46 | 40 | 34 | 74 | 68 | 61 | 55 | 48 | 42 | 36 | 76 | 70 | 63 | 57 | 50 | |
| UMa | RW | E10S | | | | | 66s | | | | | 32 | | | | | | 65 | | | | 31s | | | | | | | | 64s | | | | 31 |
| UMa | TU | RR | 65 | 76 | | 43 | 55 | 67 | 78 | | 45 | 57 | 68 | | | 47 | 59 | 70 | | 38 | 49 | 61 | 72 | | 39 | 51 | 63 | 74 | | 41 | 53 | 64 | 76 | |
| UMa | TX | S10 | | | | | | | | | | | | | | | 30 | | | | 37 | | | 43 | | 49 | | | | 56 | | | 62 | |
| UMi | W | S10 | 19 | | | 59 | | 29 | | | 69 | | 40 | | | | 50 | | 20 | | | | 60 | | 30 | | 71 | | 41 | | | | | |
| Vir | ST | 90 | 73 | | 78 | | | 66 | | 71 | | 76 | 46+ | 74 | 71s | 67 | 64s | 60 | 56s | 53 | 49s | 46+ | 74 | 71s | 67 | 63s | 60 | 56s | 53 | 49s | 45+ | 42+ | 70s | |
| Vir | AG | E10D | 50s | 78s | 75 | 71s | 68 | 64s | 60 | 57s | 53 | 50s | 67 | 49+ | 51+ | 52+ | 54+ | 56+ | 58+ | 60 | 61s | 63 | 65s | 67 | 49+ | 51+ | 52+ | 54+ | 55+ | 57+ | 58s | 60 | 42+ | 44+ |
| Vir | AH | S10 | 69s | 50+ | 52+ | 54+ | 56+ | 58+ | 60 | 61s | 63 | 65s | 67 | 49+ | 51+ | 52+ | 54+ | 56+ | 58+ | 60 | 62s | 64 | 70 | | 38 | 49 | 61 | 72 | | 41 | 53 | 64 | 76 | |
| Vir | AT | 90 | 62 | 68 | 73 | 78 | | | | | | | 61 | 67 | 72 | 77 | | 60 | | | | 55 | 60 | 66 | 71 | 76 | | | | | 54 | 59 | | |
| Vir | AV | 90 | | | | | | | 79 | | 76 | | 73 | | 70 | | 67 | 64 | | 61 | | | 58 | | 55 | | 52 | | 49 | | | | | |
| Vir | CG | E10S | | | 79 | 73 | 66 | | | | | | 74s | 68s | 61s | | | 76 | 69 | 63 | | | | | 77s | | | | 71s | 64s | 58s | | | |
| Vul | Z | S10 | | | | | | | | | | 75s | | | | 21s | | | | | | | | | | | | | 71 | | | | | |
| Vul | RR | E10S | | | | | | | | | | | | | | 21 | | | | | | | | | | | | | | | | | | |
| JD | 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 | |

| 2012 Jan | | 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 | | | | | | | | | | | | 21 | | | | 78 | | | 75 | | | 72 | | | | | | | | | |
| Vul DR | E10X | | | 79 | | | | | | | | 78 | | | | | | | | | 78 | | | | | | | | | | | |
| Vul EV | E10S | | | | | | | | 77 | | | | | | | | | | | | | | | | | | | | | | | |
| JD 559 | .. | 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 | 54 | 55 | 56 | 57 | 58 |

| 2012 Feb | | 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 | | |
|-----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| And SW | RR | 23 | | | 33 | | | | 31 | | | | 29 | | | | 27 | | | | 25 | | | | | | | | | | | |
| And SY | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 33\ | 38 | 43/ | | |
| And TW | S10 | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | |
| And XX | 90 | | 22 | | 39 | | | | | | | 34 | | | 23 | | 40 | | | | 29 | | | | 35 | | | | | | | |
| And CD | L10 | | | | | | 90\ | \ | 97 | / | / | 4/ | | | | | | | | | | | | 13\ | \ | | 19s | / | 26/ | | | |
| And OV | 90 | 37 | 31 | 25 | | | | | | 37 | 31 | 25 | | | | | 37 | 31 | 25 | | | | | | | | 31 | 25 | | | | |
| Aqr LL | L10 | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| Aql V889 | L10 | | | 65 | | | | | | | 83 | | | | 77 | | | | | | | 95 | | | | 89 | | | | | | |
| Aql V1353 | E10S | | | | | 69 | | | | | | | | | | | 72s | | | | | 67 | | | | | | | | | | |
| Aql V1426 | E10S | 60 | 78 | 95 | | 13 | 30 | 48 | 65 | 83 | | 1 | 18 | 36 | 53 | 71 | 88 | | 6 | 23 | 41 | 58 | 76 | 93 | | 11 | 28 | 46 | 63 | 81 | | |
| Aql V1430 | E10S | | | | | | | | | | | | | 70 | | | | | | | 69 | | | | | | | 68 | | | | |
| Ari X | RR | 21 | | | | | 42 | | 37 | | 33 | | 28 | | 23 | | | | | | | | | 35 | | 30 | | 26 | | | | |
| Ari RS | L10 | | | | 68s | | | | | 8 | | | | 48s | | | | 88 | | | | | 28s | | | | 68 | | | | | |
| Aur TZ | 90 | 23+ | 40 | 58 | 36 | 54 | 32 | 49 | 28+ | 45 | 24+ | 41 | 59 | 37 | 54 | 33 | 50 | 29 | 46 | 24+ | 42 | 59 | 38 | 55 | 34 | 51 | 29 | 47 | 25 | 43 | | |
| Aur CQ | L10 | | | 72s | | | | | | 3 | | | | | 35s | | | | | | | | | | | | | | | | | 28 |
| Aur IY | E10S | | | 30 | | | | | | | | | | | 47 | | | | | | | | | | | | | 44 | | | | |
| Boo RS | RR | 57 | 70 | 46 | 59 | 72 | 48 | 61 | 74 | 49 | 63 | | 51 | 64 | | 53 | 66 | 42 | 55 | 68 | 44 | 57 | 70 | 46 | 59 | 72 | 47 | 61 | | 49 | | |
| Boo TW | 90 | 71 | | | | 44 | 50 | 57 | 63 | 70 | | | | 42 | 49 | 55 | 62 | 68 | 74 | | | 41 | 47 | 54 | 60 | 66 | 73 | | | 39 | | |
| Boo UU | 90 | | 70 | 61 | 53 | | | 73 | 64 | 55 | 47 | | | 75 | 67 | 58 | 49 | | 69 | 61 | 52 | 44 | | 72 | 63 | 55 | 46 | | | 66 | | |
| Boo UY | 90 | | | | 72 | | | 68 | | 63 | | 58 | | 53 | | 49 | | 44 | 74 | | 69 | | 65 | | 60 | | 55 | | 51 | | | |
| Boo AC | E10D | 41+ | 47+ | 52+ | 40+ | 46+ | 52+ | 40+ | 46+ | 51+ | 40+ | 45+ | 51+ | 39+ | 45+ | 51+ | 39+ | 44+ | 50+ | 38+ | 44+ | 50+ | 38+ | 44+ | 49+ | 37+ | 43+ | 49+ | 37+ | 43+ | | |
| Boo CM | 90 | 62 | | 67 | | | 50 | 71 | | 54 | | | 59 | | 63 | | 46 | 68 | | 51 | | 72 | | 55 | | 60 | | 42 | 64 | | | |
| Boo CQ | 90 | 56 | 69 | 53 | 66 | 51 | 63 | 76 | 61 | 73 | 58 | 71 | 55 | 68 | 53 | 65 | 50 | 63 | 47 | 60 | 73 | 57 | 70 | 55 | 67 | 52 | 65 | 49 | 62 | 47 | | |
| Boo CS | 90 | 53 | 64 | 75 | | | 51 | 62 | 73 | | | 49 | 60 | 71 | | | 47 | 58 | 69 | | | 45 | 56 | 67 | | 44 | 54 | 65 | | | | |
| Cam SS | E10S | | 30 | | 71s | | | 12 | | 53s | | 94 | | | 35s | | 77 | | | 18s | | 59 | | 00s | | 41 | | 82s | | | | |
| Cam SV | S10 | 50 | 69 | 28 | 47 | 65 | 24 | 43 | 62 | | 40 | 58 | | 36 | 55 | 73 | 33 | 51 | 70 | 29 | 48 | 66 | 26 | 44 | 63 | 41 | 60 | | | 37 | | |
| Cam AK | E10S | | 65 | | | | | | | 33 | | 56 | | | | | | | 24 | | 46 | | 69 | | | | | | | | 37 | |
| Cam AN | | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | | | | | |
| Cam AT | E10S | 63s | 33 | 72 | 42s | | 51 | | 61s | 31 | 70 | 40s | | 49 | | 59s | 29 | 68 | 38s | | 47 | | 57s | 27 | 66 | 36s | | 45 | | 55s | | |
| Cnc S | L10 | | | | | 52 | | | | | | | | | 1 | | | | | | | | | | 49 | | | | | | | |
| Cnc RU | L10 | | | | | | | | | 9 | | | | | | | | | | | 26 | | | | | | | | | | 43 | |
| JD 559 | .. | 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 | 85 | 86 | 87 | | |

| 2012 | Feb | | 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 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cnc | RW | 90 | 39 | 48 | 58 | 67 | | 31 | 41 | 50 | 60 | 69 | 24 | 33 | 43 | 52 | 62 | 71 | 26 | 35 | 45 | 54 | 63 | | 28 | 37 | 46 | 56 | 65 | 30 | |
| Cnc | RZ | L10 | 41\ | \ | 3s | 65/ | | | | | | | | 23\ | 85 | / | 48/ | | | | | | | 5\ | 67s | / | 30/ | | | | |
| Cnc | TT | 90 | 41 | 54 | | | 36 | 48 | 61 | | 30 | 43 | 56 | | 25 | 37 | 50 | 63 | | 32 | 44 | 57 | | 26 | 39 | 52 | | | | | |
| Cnc | TU | E10S | 86 | | | | | | 42 | | | | | 98 | | | | | | | | | | | | 10 | | | | | |
| Cnc | TW | L10 | | | | | | | | | | | | | | | | | | | | | | | 93\ | 99 | / | 5/ | | | |
| Cnc | UU | L10 | | | | | | | | | | / | | | | | | | | | | | | | | | | | | | |
| Cnc | AQ | 90 | 53 | 63 | | | 37 | 47 | 57 | 66 | | 31 | 41 | 50 | 60 | | | 34 | 44 | 54 | 63 | | 28 | 38 | 47 | 57 | | 31 | 41 | 51 | |
| CVn | W | 90 | 52 | 62 | 72 | | | 48 | 58 | 69 | | | 45 | 55 | 65 | | | 41 | 52 | 62 | 72 | | 38 | 48 | 59 | 69 | 34 | 45 | 55 | 66 | |
| CVn | Z | 90 | | 60 | | 56 | | 52 | | 48 | | 45 | 75 | 41 | 72 | 37 | 68 | 33 | 64 | 29 | 60 | | 56 | | 52 | | 49 | 45 | 41 | | |
| CVn | RS | S10 | 58 | | | | | 38 | | | | | | | | | | | | | | | | | | 57 | | | | | |
| CVn | RZ | 90 | 42 | 56 | 69 | | | 53 | 66 | | | 50 | 64 | | | 47 | 61 | 74 | | 45 | 58 | 72 | | 42 | 55 | 69 | 39 | 52 | 66 | | |
| CMa | R | S10 | | | | 38 | | | | | | | | 33 | | | | | | | | | 42 | | | | | | | 37 | |
| CMi | AM | E10S | 57s | 58s | | | | | | | | | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 38 | 40 | 42 | | 44 | 46 | 48 | 50 | 52 | | | |
| Cas | RX | L10 | \ | \ | \ | 9s | / | / | / | / | | | | | | | | \ | \ | \ | \ | 26 | / | / | / | / | | | | | |
| Cas | RZ | S10 | 63 | | | | 22 | 42 | 61 | | | | | 39 | 59 | | | | | | | 37 | 56 | | | | 34 | 54 | 73 | | |
| Cas | SX | L10 | 38/ | | | | | | | | | | | | | | | 0\ | 83 | / | 66/ | | | | | | | | | | |
| Cas | TV | S10 | | | | | | | | 39 | | | | | | | | 65 | | 46 | | 27 | | | | | 71 | | | 33 | |
| Cas | TW | S10 | | 25 | 68 | | | 53 | | | 39 | | | 25 | 67 | | | 53 | | | | 39 | | 24 | 67 | | 53 | | 39 | | |
| Cas | TX | E10S | | 36 | | | 29 | 75s | | 22 | 68s | | | 61s | | 54s | | | | | 46s | | 39s | | 32s | | | | 71 | | |
| Cas | AQ | L10 | 11\ | 17 | 22/ | | | 97\ | \ | 3s | 8/ | | | 83\ | 89 | 94/ | | | | | 69\ | 75s | 80/ | | 56\ | 61 | 66/ | | | | |
| Cas | BM | L10 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / |
| Cas | DN | E10S | | 27s | 42 | 58s | 73 | | | | | 36 | 51s | 67 | | | | | | 29 | 44s | 60 | | | | 38s | 53 | 69s | | | |
| Cas | GG | E10S | | | | | | | | | | | 46 | | | | | | | | | | | 74 | | | | | | | |
| Cas | GU | E10U | | 32 | | | | 41 | | | | | | | | 69 | | | | | | | | | | | | | | | |
| Cas | IL | E10S | | 38 | | | | | | 28 | | | | 73 | | | | | | | | | | | | | | 54 | | | |
| Cas | IT | E10X | 28 | | | | | | | | | | | | 72 | | | | | | | | | | | | | | | | |
| Cas | OX | E10X | 28 | | 76 | | | 25 | | 74 | | | 23 | | 72 | | | | | | 70 | | | | 68 | | | | 66 | | |
| Cas | PV | E10X | 75 | | 50 | 34 | 25 | | | 75 | | | 34 | 26 | | | | 59 | | 34 | 26 | | | | 60 | 35 | 26 | | | | |
| Cas | V368 | E10S | | | | | 45 | | | | | | | | 36 | | | | | | | | | | 26 | | | 71 | | | |
| Cas | V375 | E10D | 34 | | 55s | 29 | 76 | 50s | 24 | 71 | 45s | | 66 | 40s | | 61 | 34s | | | 55 | 29s | | 50 | 24s | 71s | 45 | 66s | 39 | 60s | 34 | |
| Cas | V381 | E10X | | | 26 | | | | | | 25 | | | | | | | | | | 23 | | | | | | | | | | |
| Cas | V459 | L10 | | | 60 | | | | | 89 | | | | 6 | | | | 35 | | | | 52 | | | | 81 | | | 97 | | |
| Cep | RZ | 90 | 43+ | 36+ | 28+ | 52 | 44+ | 37+ | 29+ | 22+ | 45+ | 38+ | 31+ | 23+ | 47 | 39+ | 32+ | 24+ | 48 | 40+ | 33+ | 26+ | 49 | 42+ | 34+ | 27+ | 50 | 43 | 35+ | 28+ | 52 |
| Cep | VVV | S10 | 27+ | 25+ | 22+ | 34+ | 31+ | 28+ | 26+ | 23+ | 35+ | 32+ | 29+ | 27+ | 24+ | 36+ | 33+ | 30+ | 28+ | 25+ | 36+ | 34+ | 31+ | 29+ | 26+ | 37+ | 35+ | 32+ | 30+ | 27+ | 38+ |
| Cep | XX | S10 | | | | | | | 47 | | | | | | 48 | | | | | | | | 49 | | | | | | 51 | | |
| Cep | XY | E10S | | 35 | | | | | | | 68 | | | | 45 | | | | | | | | | | | 55 | | 32 | | | |
| Cep | ZZ | S10 | | 32 | | 46 | | 60 | | 74 | | | | | | | | | 31 | | 45 | | 59 | | 74 | | | | | | |
| Cep | AI | E10S | | 61s | | 72 | | | | | | | | | | | | | | | | | 62 | | 74s | | | | | | |
| Cep | CW | E10X | 37 | 69 | | | 42 | | | | 56 | | | 29 | 60 | | | 33 | 75 | | | | | | | 52 | | 25 | 67 | | |
| JD | 559 | .. | 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 | 85 | 86 | 87 |

| 2012 | Feb | | 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 | |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Dra | BU | E10S | | 41 | | | | | | | | | | | | | | | 73 | | | | 55 | | | | 38 | | | | | |
| Dra | EX | K10 | 24s | 23 | | | 23s | | 22 | | 22s | | | | | | | | | | | | | | | | | | | | | |
| Dra | GV | L10 | | 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eri | SV | 90 | | 25 | | | | | | 25 | | | | 24 | | | | | | 24 | | | | | 24 | | | | | | | |
| Gem | U | K10 | 24 | | | 24 | | | 25 | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | RR | 90 | 51 | 30 | 49 | 29 | 48 | 27 | 47 | 26 | 45 | 25+ | 44 | 23+ | 43 | 62 | 41 | | 60 | 40 | 59 | 38 | 58 | 37 | 56 | 36 | 55 | 34 | 54 | 33 | 52 | 32 |
| Gem | RY | L10 | | | 98 | | | | | | | | | | 29 | | | | | | | | | 59 | | | | | | | | |
| Gem | SV | E10S | 48 | | | | 49 | | | | | 49 | | | 50 | | | | | | | | 51 | | | | | | | | | |
| Gem | SZ | 90 | | | | | | | | | 22 | | | | 23 | 23 | 23 | | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 26 |
| Gem | WW | E10S | | 36 | 60 | | 45s | | 31 | 55 | | 40s | | 26 | 50 | | 35s | | | 45 | | 31s | 54s | | 40 | | 26s | 49s | | 35 | | |
| Gem | YY | S10 | 53 | 35 | 57s | 38s | 60 | 42 | 23+ | 45s | 27s | 49 | 30 | 53s | 34s | 56 | 38 | | 60s | 41s | 63 | 45 | 26 | 48s | 30s | 52 | 33 | 55s | 37s | 59 | 40 | |
| Her | TW | RR | | | | | 58 | | 58 | | 57 | | 57 | | 57 | | 57 | | | 57 | | 56 | | 56 | | 56 | | 56 | | 56 | | 55 |
| Her | TX | S10 | 52 | 55s | 58 | 61s | 64 | 67s | 70 | 73s | 76 | | | | | | | | | | | | | | | | | | | | | |
| Her | UX | E10D | | | 70 | | | | | | | | | | | | | | | 64 | | | 74 | | | | | | | | | |
| Her | VX | RR | | 73 | 64 | | | | | 74 | 65 | 56 | | | 75 | 66 | 57 | | | | | 67 | 58 | | | | 67 | 59 | | | | 68 |
| Her | VZ | 90 | | 73 | 61 | | | | 69 | 57 | | | 65 | 53 | 73 | 62 | | | | | 70 | 58 | | | 66 | 54 | | | | 62 | 50 | 71 |
| Her | AK | S10 | 71 | 76s | 61s | 66 | 71s | | 61 | 67s | 72 | | 62s | 67 | 72s | 62 | | | 67s | 73 | 57 | 62s | 68 | 73s | 58s | 63 | 68s | | 58 | 63s | 69 | 53 |
| Her | AR | 90 | 45 | | | 74 | 68 | 62 | 56 | 50 | 44 | | | | 73 | 67 | 61 | 55 | | 49 | 43 | | 72 | 66 | 60 | 54 | 48 | 42 | | 71 | 65 | |
| Her | AW | L10 | | | | | | | | | 77 | | | | | | | | | | 57 | | | | | | | | | | 38 | |
| Her | DI | L10 | 12 | | | | | | | | | 24 | | 67 | | | | | | | | 79 | | | 22 | | | | | | | |
| Her | GU | E10U | | | | | | | | | | | 53 | | 70s | | | | | | | | | | | 56 | | | 73s | | | |
| Her | LV | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | |
| Hya | SZ | 90 | 38 | 45 | 53 | | | | | 36 | 44 | 51 | | | | | 35 | | | 42 | 49 | | | | 33 | 40 | 48 | | | | 31 | |
| Hya | WZ | 90 | | 44 | 52 | 59 | | | | | 43 | 51 | 58 | | | | | | | 42 | 50 | 57 | | | | 41 | 49 | | | | | |
| Hya | AI | L10 | 73 | | | | 39 | | | | | 2 | | | 68 | | | | | | | 31 | | 97 | | | | | 60 | | | |
| Hya | ET | 90 | | | | | 36 | | 42 | | 47 | | 53 | | | | | | | | | 39 | | 44 | 50 | | | | 30 | | 35 | |
| Lac | RW | L10 | | 59 | | | | | 84 | | | | | 96 | | | | | | | | | | | | | | | | | | |
| Lac | SW | S10 | 26s | 22s | 34 | 30 | 26 | 23 | | 31s | 27+ | 24s | | | 28 | 24 | | | | | | 29s | 25+ | | | 26+ | | 27s | 71 | | | |
| Lac | UW | E10S | | | | | 99 | | | | | 28 | | | | | 57 | | | | | | 86 | | | | | 15 | | | | |
| Lac | CO | E10X | 27 | | | 35 | | 66 | 44 | | 75 | | 29 | | | 38 | | | 69 | | | | | 32 | | 63 | 40 | | 71 | | 26 | |
| Lac | CZ | 90 | | | 32+ | | | 34 | | | 37 | 23+ | | | 26+ | | | | 28+ | | | | | | 33 | 63 | | 65 | | | 68 | |
| Lac | V345 | E10X | | | | 76 | | | 40 | | | | | 25 | | 89 | | | | | | 75 | | | 38 | | | | 24 | | 88 | |
| Leo | RR | RR | 36 | 72 | 62 | 53 | 43 | 34 | 69 | 60 | 50 | 41 | 31 | 67 | 58 | 48 | 38 | | 29 | 65 | 55 | 46 | 36 | 27 | 62 | 53 | 43 | 34 | 69 | 60 | 50 | 41 |
| Leo | SS | RR | | 51 | | | 65 | | | | 40 | 66 | | 54 | | 41 | 67 | | | 55 | | 43 | 68 | | 56 | | 44 | | 57 | | 45 | |
| Leo | ST | RR | 75 | 71 | 66 | 62 | 57 | 53 | 49 | 44 | 40 | | | 74 | 70 | 66 | 61 | | 57 | 52 | 48 | 44 | 39 | 35 | | | 69 | 65 | 61 | 56 | 52 | 47 |
| Leo | AG | E10S | 56 | | | | | | | | 35 | | | | | | | | | | | | | | | | | 31 | | | | |
| Leo | AM | S10 | 50+ | 41+ | 51+ | 43+ | 52+ | 44+ | 35+ | 45+ | 36+ | 46+ | 38+ | 47+ | 39+ | 48+ | 40+ | | 50+ | 41+ | 33+ | 42+ | 34+ | 43+ | 35+ | 45+ | 36+ | 46+ | 37+ | 47+ | 39+ | 30+ |
| Lyn | TY | E10S | | 46 | | | | | | | | | | | | | 45 | | | | | | | | | | | | | | 45 | |
| Lyr | RR | RR | 62 | 75 | | | | 72 | | | | | | | | | 69 | | | | | | | | 59 | 73 | | | 56 | 69 | | |
| JD | 559 | .. | 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 | 85 | 86 | 87 | |

| 2012 | Feb | | 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 |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| Lyr | RZ | 90 | | | | | | | | | | | | 60 | 62 | 64 | 67 | 69 | 71 | 73 | | | | | | | | | | | |
| Lyr | UZ | S10 | | | | | | | | | | | | | | | 72 | | 61 | | | | | | | | | | | | |
| Lyr | CN | 90 | | 63 | | 69 | | 74 | | | 62 | | 68 | | 74 | | | 62 | | 67 | | 73 | | | 61 | | 67 | | 72 | | |
| Lyr | EZ | RR | 70 | 75 | | | | | | | | 63 | 68 | 73 | | | | | | | 56 | 61 | 66 | 71 | | | | | | 54 | |
| Lyr | IO | 90 | | 71 | | | 60 | 75 | | | 64 | | | | 68 | | | 56 | 72 | | | 60 | | | 64 | | | 53 | 68 | | |
| Lyr | beta | S10 | 7s | | | | | | 54 | | | | | | | 1s | | | | | 49 | | | | | | | 96s | | | |
| Mon | UX | E10S | | 82 | | | 77s | | | 72 | | | 68s | | 63 | | | | | 58s | | 53 | | | 48s | | 44 | | 39s | | |
| Mon | VV | E10S | | | | | 56 | | | | | | 61 | | | | | | | 66 | | | | 71 | | | | | 76 | | |
| Mon | AQ | E10S | | | | | 38 | | | | | 47 | | | 29s | | | | | | 38s | | | | 47s | | | | 29 | | |
| Mon | AR | L10 | 3/ | | | | | | | 94/ | 79s | 64/ | | | | | | | | | | 54\ | 39 | 24/ | | | | | | | |
| Mon | AT | E10S | 31 | | 34 | | 37 | | 40 | | 43 | | 46 | | 49 | | | | | | | | | | | | | | | | |
| Mon | AV | E10S | | | | | | 32 | | | | | | | 27 | | | | | | | 22 | | | | | | 17 | | | |
| Mon | IL | E10S | 80 | | | | 82 | | | | 85 | | | | 87 | | | | | 90 | | | 93 | | | 95 | | | 98 | | |
| Mon | V448 | E10S | | 32 | 44 | | | 23s | 35s | 47s | | | 26 | 38 | 50 | | | 30s | 42s | | | | 33 | 45 | | 25s | 36s | 48s | | | |
| Mon | V530 | E10U | 33s | 38s | 43s | 22+ | 27+ | 32 | 38 | 43 | 48 | 27+ | 32s | 37s | 42s | 47s | 26+ | 31 | 36 | 41 | 46 | 25+ | 30s | 35s | 40s | 45s | 51s | 29 | 35 | 40 | 45 |
| Mon | V536 | | | | | | | | | | | | | | | | | | | | | 27 | | | | | | | | | |
| Mon | V634 | E10U | 43 | | 54 | | | | | | | | | | | | | | | 23 | | 34 | | | | | | | | | |
| Oph | ST | 90 | | 74 | | | | | 70 | | | | 75 | | | | | | | | 34 | | 66 | | | | 71 | | | | |
| Ori | Z | E10S | | | | 94 | | | | | | 14 | | | | 34 | | | | | | 55 | | | | 75 | | | | | |
| Ori | BM | E10S | | | | 87 | | | | | | | 34 | | | | | | 81 | | | | | | 28 | | | | | | |
| Ori | CP | E10S | 84 | | | | | | 16 | | | | | 48 | | | | | 80 | | | | | | 12 | | | | 44 | | |
| Ori | DN | L10 | | 41 | | | | | | | | | | | | 37 | | | | | | | | | | | | 34 | | | |
| Ori | EW | E10X | | 35 | | | | | | | 28 | | | | | | | | | | | | | | | | | 41 | | | |
| Ori | FO | L10 | | 52 | | | | | | | | | | | | | | | | | | | 32 | | | | | | | | |
| Ori | FT | E10X | 32 | 32 | | 47 | 47 | | | | | | | | | | | | | | | | | | 37 | 38 | | | 52 | | |
| Ori | GG | E10X | | | | | | | | 32 | | | | | | | | | | | | | | | | | | | 43 | | |
| Ori | V536 | E10S | | | | | | | | | | | | | | | | 37 | | | | | | | | | | | | | |
| Ori | V1016 | L10 | | | | | | | | | | | 44 | | | | | | | | | | | | | | | | | | |
| Ori | V1031 | E10S | | 36 | | | | | | | | | | | | 28s | | | | | | 38 | | | | | | | | | |
| Peg | U | S10 | 30 | 24s | | 30 | 24s | | 30 | 24s | | | 23s | | 23s | | | | 23s | | | | | | | | | | | | |
| Peg | VV | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | |
| Peg | AV | RR | 21 | | | | | | | | 23 | | | | | | | | | | | | | | | | | | | | |
| Peg | AW | L10 | | | | | | | | | | 1 | | | | | | | | | | | 63 | | | | | | | | |
| Peg | BH | 90 | | | | | | | | 24 | | | | | | | | | | | | | | | | | | | | | |
| Peg | BK | E10S | | 32 | | | | | | | | | | | 30 | | | | | | | | | | | 28 | | | | | |
| Peg | CG | 90 | | | | 76 | 23 | | | | | | | | | | | | | | | | | | | | | | 71 | | |
| Peg | DF | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | IP | K10 | 25 | 27s | 22s | 25 | 28s | 23s | 26 | | 24s | 26 | | 24s | | 25s | | | | 23 | 25s | | | 3 | | 24 | | | | | |
| Per | RW | L10 | | | | | | | | | | | | | 51 | | | | | | | | | | | | | | 71 | | |
| JD | 559 | .. | 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 | 85 | 86 | 87 |

| 2012 | Feb | | 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 |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Per | RY | E10S | 45 | | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | |
| Per | AR | 90 | 40 | 26 | 53 | 38 | 23 | 51 | 36 | | 49 | 34 | | 47 | 32 | | 45 | 30 | | 43 | 28 | 55 | 41 | 26 | 53 | 38 | | 51 | 36 | 49 | |
| Per | AY | L10 | | | | | | | | | | | 57 | | | | | | | | | | | 35 | | | | | | | |
| Per | IQ | | | | | | 55 | | 30 | | | | | 53 | | 27 | | | | | 50 | | 25 | | | | | 48 | | | |
| Per | KN | E10U | 21 | | | | | 41 | 28 | | | | | 48 | 34 | | | | | | 41 | 27 | | | | 47 | 34 | | | | |
| Per | LX | L10 | | | | 57 | | | | 59s | | | | 61 | | | | 63s | | | | 65 | | | 67s | | | | 69 | | |
| Per | beta | S10 | | | | | | | | | | | | | | | | 39 | | | | 26 | | | | | | | | | |
| Psc | SS | 90 | 30 | | 31 | | 33 | | 34 | | 36 | | | 23 | | 25 | | 26 | | 28 | | 29 | | 31 | | 32 | | | | | |
| Sge | SY | E10S | | | | | | | | 74 | | | | | | | | | | | | | | | | | | | | | |
| Ser | VY | RR | | 61 | | 75 | | | 60 | | 75 | | | 60 | | 75 | | | 60 | | 74 | | | 60 | | | | | | 60 | |
| Ser | AN | 90 | | | | | 57 | 62 | 66 | 71 | 75 | | | | | | | 54 | 58 | 63 | 67 | 71 | | | | | | 50 | 54 | 59 | |
| Ser | BH | 90 | 67 | 54 | | 71 | 58 | | 76 | 62 | 49 | | 67 | 54 | | 71 | 58 | | 75 | 62 | 49 | | 66 | 53 | | 70 | 57 | | 61 | 48 | |
| Ser | EG | L10 | | | 26 | | | | | | | | | | 21 | | | | | | | | | | 16 | | | | | | |
| Ser | LX | K10 | 68 | 63 | 58+ | 53+ | 64 | 59+ | 54+ | 65 | 60+ | 55+ | 66 | 61 | 56+ | 51+ | 62 | 57+ | 52+ | 63 | 58+ | 53+ | 48+ | 59 | 54+ | 49+ | 60 | 55+ | 50+ | 61 | 56+ |
| Sex | T | 90 | 35+ | 65 | 62 | 60 | 57 | 55 | 52 | 49 | 47 | 44 | 42 | 39 | 36 | 34 | 31+ | 61 | 59 | 56 | 53 | 51 | 48 | 46 | 43 | 40 | 38 | 35 | 33 | 30 | 27+ |
| Tau | RW | S10 | | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | |
| Tau | CD | S10 | 39s | | | | | | | 26s | | | | | 41 | | | | | | | 28 | | | | | | 44s | | | |
| Tau | EN | E10S | 43 | | | | | 39 | | | | | 35 | | | | | 30 | | | | | 26 | | | | | | | | |
| Tau | V1094 | L10 | | | | | 59 | | 72 | | | | | | | 58 | | | 71 | | | | | | 57 | | | 69 | | | |
| Tri | X | S10 | 37 | 35 | 32 | 29 | 26 | 23 | | | | | | | | | | | | 38s | 35s | 32s | 29s | 26s | | | | | | | |
| Tri | RU | E10S | | | 34 | | | | | | | | | | | | | 41 | | | | | | | | | | | | | |
| Tri | UX | 90 | | | | | 26 | | | | | | | | | | | | | | | | | | | | | | | | |
| UMa | W | S10 | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 30+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 31+ | 32+ | 32+ | 32+ | 32+ | 32+ | 32+ | 32+ |
| UMa | RV | RR | 44 | 38 | 31 | 72 | 65 | 59 | 53 | 46 | 40 | 33 | 27+ | 67 | 61 | 55 | 48 | 42 | 36 | 29 | 70 | 63 | 57 | 50 | 44 | 38 | 31 | 25+ | 65 | 59 | 53 |
| UMa | RW | E10S | | | | | | | 63 | | | | 30s | | | | | | | | 63s | | | 29 | | | | | | | 62 |
| UMa | TU | RR | | 43 | 55 | 66 | | 34 | 45 | 57 | 68 | | 36 | 47 | 59 | 70 | | 37 | 49 | 60 | 72 | 28 | 39 | 51 | 62 | | 30 | 41 | 53 | 64 | |
| UMa | TX | S10 | | | 68 | | | 75 | | | | | | | | | | | | | | | | | | | | | | | |
| UMi | W | S10 | | 51 | | | | | 61 | | 32 | | | 72 | | 42 | | | | | | 52 | | | | 63 | | 33 | | 73 | |
| Vir | ST | 90 | | | 59 | | 65 | | 70 | | 75 | 57 | | 63 | | 68 | | 74 | 56 | | 61 | | 67 | | 72 | 54 | 60 | | 65 | | |
| Vir | AG | E10D | 67 | 63s | 59 | 56s | 52 | 49s | 45 | 41+ | 38+ | 66 | 63s | 59 | 56s | 52 | 48s | 45 | 41+ | 38+ | 66 | 62s | 59 | 55s | 52 | 48s | 44 | 41+ | 37+ | 34+ | 62s |
| Vir | AH | S10 | 46+ | 47+ | 49+ | 51+ | 53+ | 55+ | 57 | 59s | 40+ | 42+ | 44+ | 46+ | 48+ | 50+ | 52+ | 53+ | 55s | 37+ | 39+ | 41+ | 42+ | 44+ | 46+ | 48+ | 50+ | 52+ | 54 | 35+ | 37+ |
| Vir | AT | 90 | 65 | 70 | 75 | | | | | | 53 | 58 | 63 | 69 | 74 | | | | | | 47 | 52 | 57 | 62 | 68 | | | | 46 | 51 | |
| Vir | AV | 90 | 75 | | 72 | | 69 | | 66 | | 63 | | 60 | | 57 | | 55 | | 52 | | 49 | | 46 | | 43 | | | 71 | | 68 | |
| Vir | CG | E10S | | 72 | 66 | 59 | | | | 74s | 67s | | 61s | 54s | | | | 75 | 69 | 62 | 56 | | | | | | | 57s | 51s | | |
| Vul | Z | S10 | | | | | | 76s | | | | | 67s | | | | | | | | | | 71 | | | | | | 62 | | |
| Vul | RR | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | | |
| Vul | BN | 90 | | | | | | | 76 | | | 73 | | | | 70 | | 67 | | | | 64 | | | | | | | | | |
| Vul | EV | E10S | 76s | | | | | | | | | | | | | | | | | | | | | | 69s | | | | | | |
| JD | 559 | .. | 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 | 85 | 86 | 87 |

| 2012 | Mrz | | 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 | RS | S10 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVn | RZ | 90 | 36 | 50 | 63 | | 33 | 47 | 60 | | | 44 | 57 | 71 | | | 41 | 55 | 68 | | | | | 36 | 49 | 63 | | | 33 | 46 | 60 | | 30 | 43 | | | |
| CMa | R | S10 | | | | | | | | | 32 | | | | | | | | 28 | | | | | | | | | | | | | | | | | | |
| CMi | AM | E10S | | | | | | | | | | 28s | 30s | 31s | 33s | 35s | 37s | 39s | 41s | 43s | 45s | 47s | | | | | | | | | | | | | | | |
| Cas | RX | L10 | | | \ | \ | \ | \ | 43s | / | / | / | / | | | | | | | | \ | \ | \ | \ | 59 | / | / | / | / | / | / | / | / | / | | | |
| Cas | RZ | S10 | 32 | 52 | 71 | | | | 30 | 49 | 69 | | | | 27 | 47 | 66 | | | | | 44 | 64 | | | | | 42 | 62 | | | | | | | | |
| Cas | SX | L10 | | | | | 29\ | \ | 11s | 94/ | | | | | | | | | | | | | | | 57\ | \ | 40 | / | 23/ | | | | | | | | |
| Cas | TV | S10 | | | | | | | 58 | | 40 | | | | | | | | 65 | | | | | | | | | 52 | | | 33 | | | | | | |
| Cas | TW | S10 | | | | 67 | | | 53 | | 38 | | | | | 67 | | | | 53 | | | | | | 67 | | 52 | | | | | | 38 | | | |
| Cas | TX | E10S | | 63 | | | 56 | | | 49 | | | 41 | | 34 | | | | | | | | | 66s | | 58s | | 51s | | | | | 44s | | | | |
| Cas | AQ | L10 | 42\ | 47s | 52/ | | | 28\ | 33 | 38/ | | | | | 14\ | 19s | 24/ | | | 00\ | \ | 5 | 11/ | | 86\ | 91s | 97/ | | | | 72\ | | 77 | | | | |
| Cas | DN | E10S | | | 31s | 47 | 62s | | | | | | 40 | 55s | 71 | | | | | | | | | | | | | 42s | 58 | | | | | | | | |
| Cas | GG | E10S | 26 | | | | | | | | | | | | | | | | 29 | | | | | | | | | | | | | | | | 32 | | |
| Cas | GU | E10U | | | | | | | | 34 | | | | | | | | | | 62 | | | | | | | | | | | | | | | | | |
| Cas | IL | E10S | | | | 44 | | | | | | | 35 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | IT | E10X | 31 | | | | | | 35 | | | | | | | | | | | | | | | | | 69 | | | | | | | 61 | | | | |
| Cas | OX | E10X | | | | 64 | | | | | 62 | | | | | | 59 | | | | | | | | | 55 | | | | | | | 58 | | | | |
| Cas | PV | E10X | 60 | | 35 | 26 | | | | 60 | | 35 | | | | | | 60 | 51 | 35 | | | | 60 | 52 | 35 | | | | | | | 60 | 52 | 35 | | |
| Cas | V368 | E10S | | | | | | | 61 | | | | | | | | | | 52 | | | | | | | 42 | | | | | | | | | | | |
| Cas | V375 | E10D | | 55s | 29 | | 50s | | 71 | 44s | | 65 | 39s | | 60 | 34s | | | 55 | 28s | | 49 | | 44 | | 65s | 39 | | 60s | 33 | | 54s | | | | | |
| Cas | V381 | E10X | | | | | 69 | | | | | | | 68 | | | | | | | | | | | | | | 64 | | | | | | | | | |
| Cas | V459 | L10 | | | | 27 | | | | 43 | | | | 73 | | | | | 89 | | | | | | | | 35 | | | | | | 64 | | | | |
| Cep | RZ | 90 | 44 | 37+ | 29+ | 53 | 45 | 38+ | 31+ | 54 | 47 | 39+ | 32+ | 55 | 48 | 40 | 33+ | | 56 | 49 | 42 | 34+ | 58 | 50 | 43 | 35+ | 59 | 51 | 44 | 37+ | 60 | 53 | 45 | 38 | | | |
| Cep | VW | S10 | 36+ | 33+ | 31+ | 28+ | 39+ | 37+ | 34+ | 32+ | 29+ | 40+ | 38+ | 35+ | 33+ | 30+ | 41+ | | 39+ | 36+ | 33+ | 31+ | 42+ | 40+ | 37+ | 34+ | 32+ | 43+ | 41+ | 38+ | 35+ | 33+ | 30+ | 42+ | | | |
| Cep | XX | S10 | | | | | | 52 | | | | | | | 53 | | | | | | | | | | | | | | 55 | | | | | | | | |
| Cep | XY | E10S | | | | | | 65 | | | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | 62 |
| Cep | ZZ | S10 | | | 30 | | 44 | | 59 | | | | | | | | | | | | 30 | | | | 58 | | | | | | | | | | | | |
| Cep | AI | E10S | | | | | 30 | | | | 53 | | 64s | | | | | | | | | | | | | | | | | | | | | | | | |
| Cep | CW | E10X | | 40 | 71 | | | 44 | | | | 58 | | | | | | | | 35 | | | | 50 | | | 54 | | | | | | | | | | |
| Cep | EI | L10 | | | 45s | | | | 67 | | | | 89s | | | | | | | | | | 33s | | | 54 | | | | | | | | | | | |
| Cep | EX | L10 | | | 19 | | | | | | | | | | | | | | | 63 | | | | | | | | | | | | | | | | | |
| Cep | NN | E10S | 64 | 67s | 70 | 72s | | | | | | | | | | | | | | | | | | | | | 31s | 34 | 37s | 40 | 42s | 45 | | | 48s | | |
| Cet | TU | E10S | | | | | 9 | | | | 48 | | | | | | 87 | | | | | | | | | | | | | | | | | | | | |
| Cet | TV | L10 | | | | 37 | | | | 98 | | | | | | 48 | | | | | | | | | | | | | | | | | | | | | |
| Cet | XY | E10S | | | | | | | | | | | | | | 28s | | | | | | | | | | | | | | | | | | | | | |
| Com | S | 90 | 59 | | 35 | 52 | 70 | | 46 | 63 | | 39 | 56 | | 32 | 49 | 67 | | | 43 | 60 | | 36 | 53 | | 29 | 47 | 64 | | | 40 | 57 | | 33 | 51 | | |
| Com | ST | 90 | | 44 | 64 | | 44 | 63 | | 43 | 63 | | 43 | 62 | | 42 | 62 | | | 41 | 61 | | 41 | 61 | | 40 | 60 | | | | | | 39 | 59 | | | |
| CrB | U | S10 | | | | | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CrB | RV | 90 | 71 | 71 | 70 | 70 | 69 | 69 | 68 | 68 | 67 | 67 | 66 | 66 | 65 | 65 | 64 | | | 64 | 63 | 63 | 62 | 62 | 61 | 61 | 60 | 60 | 59 | 59 | 58 | 58 | 57 | 57 | | | |
| JD | 559 | .. | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | | | | | | | | | | | | | 00 | 01 | 02 | | | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 18 | |

| 2012 | Mrz | | 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 | | |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|----|
| Crt | W | 90 | 50 | | | | | 45 | | 51 | | | | | 45 | | 51 | | | | | 45 | | | | 40 | | 46 | | | | | | | |
| Cyg | UY | RR | | 72 | | | | 65 | | | | | 70 | | | | 62 | | | | | 67 | | | | 59 | | | | 64 | | | | | |
| Cyg | XZ | RR | 58 | 51 | 44 | | | 71 | 64 | 58 | 51 | 44 | | | 71 | 64 | 57 | 51 | 44 | | | | 64 | 57 | 51 | 44 | 37 | | 64 | 57 | 51 | | 44 | | |
| Cyg | BO | E10S | | | | | | 69 | | | | | | | 71 | | | | | | | | | | | | | | | | | | | | |
| Cyg | BR | E10S | | | | | | 65 | | | | | 69 | | | | 63 | | | | | 67 | | | | | | | | 44 | | | | | |
| Cyg | DM | RR | | | 71 | | | | | | | | | | | | | | | | | | | 61 | | | | | 65 | | | 58 | | | |
| Cyg | V367 | L10 | 55 | / | / | | | | | | | 85s | / | / | / | | | | | | | | | | | | | | | | 45s | / | / | | |
| Cyg | V463 | E10S | 61 | | 72 | | | | | | | | | | | | | | | | | 55 | | | | 66 | | | | | | | | | |
| Cyg | V477 | | | | | | | 60 | | | | | | | | | 64 | | | | | | | | 68 | | | | | | | | | | |
| Cyg | V541 | L10 | | | | | | 86 | | | | | | | | | 18 | | | | | | | | | 20 | | | | | | | 52 | | |
| Cyg | V548 | E10S | | | | | | | | 56 | | | | | | | | | | | | | | | | | | 61 | | 42 | | | | | |
| Cyg | V788 | L10 | | | | | | | | | | | 69\ | 64 | 60/ | | | | | | | | | | | | | | | | | | | | |
| Cyg | V891 | E10S | | | | | | | | | | | | | | | 55 | | | | | | | | | | | | | | | | | | |
| Cyg | V909 | E10S | | | | | | | | 67 | | | | | | | | | | | | | | | | | | | | | | | | 52s | |
| Cyg | V1061 | E10S | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | | | | | | |
| Del | DX | 90 | | | | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | |
| Dra | RW | RR | 29 | 62 | 51 | 40 | 28+ | 61 | 50 | 38 | 71 | 60 | 48 | 37 | 70 | 58 | 47 | 35 | 68 | 57 | 45 | 34 | 67 | 56 | 44 | 33 | 66 | 54 | 43 | 31 | 64 | 53 | | 41 | |
| Dra | SU | RR | 46 | | 44 | | 42 | | 40 | | 38 | 70 | 36 | 68 | 34 | 66 | 32 | 64 | 31 | 63 | 29 | 61 | | 59 | | 57 | | 55 | | 53 | | 51 | | | |
| Dra | SW | RR | | 34 | 48 | 61 | | 32 | 46 | 60 | | 31 | 45 | 59 | | 30 | 44 | 58 | | 29 | 43 | 57 | | | 41 | 55 | | 40 | 54 | 68 | | | | 39 | |
| Dra | TZ | E10D | | | | 61 | 48 | | | | | | 67 | 54 | | | | | | 60 | 47 | | | | | 66 | 53 | 40 | | | | 59 | 46 | | |
| Dra | VZ | 90 | 57 | 53 | 50 | 46 | 42 | 38+ | 35+ | 31+ | 27+ | 56 | 52 | 48 | 45 | 41 | 37+ | 34+ | 30+ | 58 | 55 | 51 | 47 | 44 | 40 | 36+ | 32+ | 61 | 57 | 53 | 50 | 46 | | 42 | |
| Dra | WW | S10 | 45 | | | | | | | | | 71 | | | | | 34 | | | | | | | | | 60 | | | | | | | | | |
| Dra | XZ | RR | 67 | 63 | 58 | 53 | 49 | 44 | 39 | 35 | 30 | | 68 | 63 | 59 | 54 | 49 | 45 | 40 | 35 | 30 | | 69 | 64 | 59 | 55 | 50 | 45 | 40 | 36 | 31 | | | | |
| Dra | AI | S10 | | 50 | 70 | | | | | 49 | 69 | | | | | | 49 | 69 | | | | 48 | | | | | | 48 | 68 | | | | | | |
| Dra | BF | | | | | | | | | | | | 56 | | | | | | | | | | | | | | | | | | | | | | |
| Dra | BK | 90 | 70 | 29 | 48 | 66 | | 44 | 62 | | 40 | 58 | | 36 | 54 | | 32 | 50 | 69 | 28 | 46 | 65 | | | | | | 42 | 61 | | 38 | 57 | 34 | 53 | |
| Dra | BU | E10S | | | | | | | | | | | 70 | | | | 52 | | | | | | | | | | | | | | | | | | |
| Equ | S | S10 | | | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | RR | 90 | 51 | 30 | 50 | 29 | 48 | 28 | 47 | | 45 | | 44 | | 43 | | 41 | | 40 | | 39 | | 37 | | 36 | | 35 | | 33 | | 32 | 51 | 31 | | |
| Gem | RY | L10 | | 89 | | | | | | | | | | 19 | | | | | | | | | 49 | | | | | | | | | | 79 | | |
| Gem | SZ | 90 | 26 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 33 |
| Gem | WW | E10S | | 45s | | 30 | | | 40s | | 49 | | | 35s | | 44 | | | | | | | | | | | 35 | | | 44s | | 30 | | | |
| Gem | YY | S10 | 44s | | 48 | 29 | 51s | 33s | 55 | 36 | 58s | 40s | | 43 | | 47s | 28s | 50 | 32 | 54s | 35s | | 39 | | 43s | | 46 | | 50s | 31s | 53 | 35 | | | |
| Her | TW | RR | | 55 | | 25 | | 55 | 55 | | 54 | | | 54 | 54 | 54 | | 54 | | 54 | | 53 | | | 53 | | 53 | | 53 | | 53 | 52 | | | |
| Her | TX | S10 | | | | 45s | 48 | 51s | 54 | 57s | 60 | 63s | 66 | 69s | | | | | | | | | | | | | | | | | | | | | |
| Her | UX | E10D | | 58 | | | 68 | | | | | | | | | | | | | | | 62 | | | | | | | | | | | | | |
| Her | VX | RR | 59 | 51 | | | 69 | 60 | 51 | | | 70 | 61 | 52 | | | | 62 | 53 | | | | 63 | 54 | 45 | | | 64 | 55 | 46 | | | | 65 | |
| Her | VZ | 90 | 59 | 47 | | 67 | 55 | | | 63 | 51 | | 71 | 60 | 48 | | 68 | 56 | 44 | | | 64 | 52 | | | 60 | 48 | | | 57 | 45 | | 65 | 53 | |
| Her | AK | S10 | 58s | 64 | 69s | 53s | 59 | 64s | 70 | 54 | 59s | 65 | 70s | 54s | 60 | 65s | 49s | 55 | 60s | 66 | 50 | 55s | 61 | 66s | 50s | 56 | 61s | 66 | 51 | 56s | 62 | 46+ | | 51s | |
| JD | 559 | .. | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 18 | |

| 2012 | Mrz | | 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 | AR | 90 | 59 | 53 | 47 | 41 | 35 | | 70 | 64 | 58 | 52 | 46 | 40 | 34 | | 69 | 63 | 57 | 51 | 45 | 39 | 33 | | 68 | 62 | 56 | 50 | 44 | 38 | 32 | | 67 | | |
| Her | AW | L10 | | | | | | | 18 | | | | | | | | 98 | | | | | | | | 78 | | | | | | | | | | |
| Her | DI | L10 | 34 | | 77 | | | | | | | | 89 | | | 32 | | | | | | | | 44 | | 87 | | | | | | | | | |
| Her | GU | E10U | | | | | | | | 59 | | | | | | | | | | | 45s | | 62 | | | | | | | | | | | | |
| Her | LV | | | | | | | 56 | | | | | | | | | | | | | | | | | 0 | | | | | | | | | | |
| Hya | SZ | 90 | 39 | 46 | | | | | 30 | 37 | 45 | | | | | 28 | 36 | 43 | | | | | | 34 | 41 | | | | | | 32 | 40 | | | |
| Hya | WZ | 90 | 40 | 48 | | | | | | 39 | 47 | | | | | | 38 | 46 | | | | | | 37 | 45 | | | | | 36 | 44 | | | | |
| Hya | AI | L10 | 26 | | | | 89 | | | | 55 | | | | 18 | | | 84 | | | | | | 47 | | | 13 | | | 76 | | | | | |
| Hya | ET | 90 | | 41 | | 47 | | | | | 27 | | 32 | | 38 | | 44 | | | | | | | 29 | | 35 | 40 | | | | | | | | |
| Lac | SW | S10 | | 72s | 69s | | | | 69 | | | | 70s | 67s | | | | 67 | | | | 68s | 65s | | 69 | 66 | | | | 66s | 63s | | | | |
| Lac | UW | E10S | | 44 | | | | | 73 | | | | | | 2 | | | | | 31 | | | | 60 | | | | | 89 | | | | | | |
| Lac | CO | E10X | 57 | 34 | | 65 | | | | | 28 | | 59 | | | 68 | | | | 53 | 30 | | 62 | | | | | 56 | | | | | 64 | | |
| Lac | CZ | 90 | | | 27+ | | | 29 | 59 | | | 61 | | | 64 | | | 66 | | | 69 | 55 | | | 58 | | 60 | | 63 | | | | | | |
| Lac | V345 | E10X | | | | 73 | | | | 37 | | | | | 22 | | 86 | | | | | 71 | | | 35 | | | | 21 | | 84 | | | | |
| Leo | RR | RR | 31 | 67 | 58 | 48 | 39 | 29 | 65 | 55 | 46 | 36 | 27 | 62 | 53 | 43 | 34 | | 60 | 51 | 41 | 32 | | 58 | 48 | 39 | | 55 | 46 | 36 | | | | | |
| Leo | SS | RR | | | 58 | | 46 | | 34 | 59 | | 47 | | 35 | 60 | | 48 | | 36 | 61 | 49 | | | 37 | | 50 | | 38 | | | 51 | | | | |
| Leo | ST | RR | 43 | 39 | 34 | | | 69 | 64 | 60 | 56 | 51 | 47 | 42 | 38 | 33 | 29 | | 64 | 59 | 55 | | 50 | 46 | 42 | 37 | 33 | | 63 | 59 | | 54 | | | |
| Leo | AG | E10S | | | | | | 49 | | | | | | | 27 | | | | | | | | | | 45 | | | | | | | | | | |
| Leo | AM | S10 | 40+ | 31+ | 41+ | 32+ | 42+ | 34+ | 43+ | 35+ | 44+ | 36+ | 27+ | 37+ | 29+ | 38+ | 30+ | 39+ | 31+ | 41+ | 32+ | 42+ | 33+ | 43+ | 34+ | 44 | 36+ | 45s | 37+ | 47 | 38+ | 48s | 39+ | | |
| Lyn | TY | E10S | | | | | | | | | | | 44 | | | | | | | | | | | | | 44 | | | | | | | | | |
| Lyr | RR | RR | 53 | 66 | | | | 63 | | | | 60 | | | | 57 | 70 | | | 53 | 67 | | | 50 | 64 | | | 47 | 60 | | | | 57 | | |
| Lyr | RZ | 90 | | | 54 | 56 | 58 | 61 | 63 | 65 | 67 | 70 | | | | | | | | | | | | | 48 | 50 | 52 | 54 | 57 | 59 | 61 | 63 | | 66 | |
| Lyr | UZ | S10 | | | | 64 | | | 53 | | | | | | | | | | | | | | | 66 | | 55 | | | | | | | | | |
| Lyr | CN | 90 | 60 | | 66 | | 72 | 54 | | 60 | | 65 | | 71 | 53 | | 59 | | 65 | | | 53 | | | 58 | 64 | | 52 | | 58 | | | | 64 | |
| Lyr | EZ | RR | 59 | 64 | 69 | | | | | | | 52 | 57 | 62 | 67 | | | | | | | 50 | 55 | 60 | 65 | | | | | | | 48 | | 53 | |
| Lyr | IO | 90 | | 57 | 72 | | | 61 | | | | | | | | 53 | 69 | | 57 | | | | 61 | | | 50 | 65 | | 54 | | | | | | |
| Lyr | beta | S10 | | | | 43 | | | | | | 90s | | | | | | | 37 | | | | | | 84s | | | | | | | 31 | | | |
| Mon | UX | E10S | | | 34 | | | 29s | | | 25 | | | | 20s | | 15 | | | | 10s | | 6 | | | 1s | 96 | | | 91s | | | | | |
| Mon | VV | E10S | | | | | | 81 | | | | | | | 87 | | | | | | 92 | | | | | 97 | | | | | | | | 2 | |
| Mon | AQ | E10S | | | | 38 | | | | | | | | | 29s | | | | | | | | | | | | | | | | | | | | |
| Mon | AR | L10 | | 15\ | 84/ | | | | | | | | | 75\ | 60 | 45/ | | | | | | | | | 36\ | 20s | 5/ | | | | | | | | |
| Mon | AV | E10S | | | | | 11 | | | | | | | | 6 | | | | | | 1 | | | | | | 96 | | | | | | | | |
| Mon | IL | E10S | | | | | 1 | | | | 3 | | | | | 6 | | | | | | | 11 | | | 14 | | | | 16 | | | | | |
| Mon | V448 | E10S | 28 | 40 | | | | 31s | 43s | | | | 35 | | | | | 38s | | | | 29 | 41 | | | 33s | | | | | | 36 | | | |
| Mon | V530 | E10U | | 29s | 34s | 39s | 44s | 28 | 33 | 38 | 43 | | 27s | 32s | 37s | 43s | | | | | | 32 | 37 | 42 | | 31s | 36s | 41s | | 30 | 35 | 40 | | | |
| Mon | V634 | E10U | | | | | | | | 37 | | | | | | | | | | | | | | | | | | 40 | | | | | | | |
| Oph | ST | 90 | 66 | | | | 72 | 62 | | | | 67 | | | | | 62 | | | | | | | | | 63 | | | | 68 | 59 | | | | |
| Ori | Z | E10S | 95 | | | | | | 16 | | | | | | 36 | | | | 56 | | | | | | 77 | | | 97 | | | | | | | |
| Ori | BM | E10S | 75 | | | | | | | 22 | | | | | | 69 | | | | | | | 16 | | | | | 63 | | | | | | | |
| JD | 559 | .. | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |

| 2012 | Mrz | | 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 | CP | E10S | | | | 76 | | | | | | 8 | | | | | 40 | | | | | 72 | | | | | | 4 | | | | | 36 | | | |
| Ori | DN | L10 | | | | | | | | | | | | 31 | | | | | | | | | | | | 27 | | | | | | | | | | |
| Ori | EW | E10X | | | | 35 | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | |
| Ori | FO | L10 | | | | | | | | | | | 12 | | | | | | | | | | | | | | | | | 92 | | | | | | |
| Ori | FT | E10X | | | | | | | | | | | | | 27 | 28 | | 42 | 43 | | | | | | | | | | | | | | | | | |
| Ori | GG | E10X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ori | V536 | E10S | | | | | | 35 | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | |
| Ori | V1031 | E10S | | | | 30s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | VV | RR | | | | | | | | | | | | | | | | | | | | | | | | | 68 | | | | | | | | | |
| Peg | VW | | | | | | | | | | | 58 | | | | | | | | | | | | | | | | | | | | | | 65 | | |
| Peg | AW | L10 | | 25 | | | | | | | | | | | | | 88 | | | | | | | | | 50 | | | | | | | | | | |
| Peg | CG | 90 | | | | 72 | | | | | | | | | | | 66 | | | | | | | | | | | | | | | | | | | |
| Peg | DF | L10 | | | | | | | | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | GH | E10S | | | | | | | | | | | | | | | | | | | | | | | 43 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 69 | | | | | | | | | | | |
| Per | RW | L10 | | | | | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | |
| Per | RY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | AG | E10X | | | | | | | | | | | | | 29 | 29 | 32 | 32 | 35 | 35 | 38 | 38 | 40 | 41 | | | | | | | 36 | | | | | |
| Per | AR | 90 | 34 | | 47 | 32 | | 45 | 30 | | 43 | 28 | | 41 | | | 39 | | | | | | | | | | | 47 | 32 | | 45 | 30 | | 43 | | |
| Per | AY | L10 | | | | | | 13 | | | | | | | | | | | | | | 90 | | | | | | | | | | | | 68 | | |
| Per | IQ | | | | | 45 | | | | | | | | 43 | | | | | | | 40 | | | | | | | | | | | | | | | |
| Per | KN | E10U | | | 40 | 27 | | | | | | 34 | | | | | | 40 | | | | | | | | | 33 | | | | | | | | | |
| Per | LX | L10 | | | | 71s | | | | 73 | | | | 74s | | | 76 | | | | | | | | | | | | | | | | | | | |
| Per | beta | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Psc | SS | 90 | | | | | | 26 | | 27 | | 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sge | SY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | VY | RR | | | | 60 | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | AN | 90 | 63 | 68 | 72 | | | | | | | 46 | 51 | 55 | 60 | 64 | 68 | | | | | | | | | | | | | | | | | | | |
| Ser | BH | 90 | | 66 | 53 | | 70 | 57 | 44 | | 61 | 48 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | EG | L10 | | | | 10 | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | |
| Ser | LX | K10 | 51+ | 46+ | 57 | 52+ | 47+ | 58 | 53+ | 48+ | 43+ | 54+ | 49+ | 44+ | 55+ | 50+ | 45+ | 56 | 51+ | 46+ | 41+ | 52+ | 47+ | 42+ | 53+ | 48+ | 43+ | 39+ | 49+ | 44+ | 40+ | 50+ | 46+ | | | |
| Sex | T | 90 | 57 | 55 | 52 | 50 | 47 | 44 | 42 | 39 | 37 | 34 | 31 | 29 | | | | | | | | | | | | | | | | | | | | | | |
| Tau | RW | S10 | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tau | CD | S10 | | | | 31s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tau | EN | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tau | V1094 | L10 | | | | 56 | | 68 | | | | | | | | | 55 | | | | | | | | | | 66 | | | | | | | | | |
| Tri | X | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tri | RU | E10S | | | | | | | | 32 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| UMa | W | S10 | 32+ | 32+ | 32+ | 32+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 33+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | 34+ | |
| UMa | RV | RR | 46 | 40 | 33 | 27 | 67 | 61 | 55 | 48 | 42 | 35 | 29 | 69 | 63 | 57 | 50 | 44 | 38 | 31 | | | | | | | | | | | | | | | | |
| JD | 559 | .. | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 18 | | |

| 2012 | Mrz | | 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 | RW | E10S | | | | | 28s | | | | | | 61s | | | | 28 | | | | | | 60 | | | | | | | | | | | |
| UMa | TU | RR | 32 | 43 | 55 | 66 | | 33 | 45 | 57 | 68 | | 35 | 47 | 58 | 70 | | 37 | 49 | 60 | | | 39 | 51 | 62 | | 30 | 41 | 53 | 64 | | 31 | 43 | |
| UMa | TX | S10 | | | | | 32 | | | | | | 44 | | | 51 | | | | | | | | 69 | | | | | | | | | | |
| UMi | W | S10 | | 43 | | | | | | 53 | | | | 64 | | 34 | | | | | 44 | | | | 54 | | | | | 65 | | | 35 | |
| Vir | ST | 90 | 70 | 53 | | 58 | | 63 | 46 | 69 | 51 | | 56 | | 62 | 44 | 67 | 49 | | 55 | | 60 | 42 | 66 | 48 | | 53 | | 59 | 41 | 64 | 46 | | |
| Vir | AG | E10D | 59 | 55s | 51 | 48s | 44 | 41s | 37+ | 33+ | 30+ | 58 | 55s | 51 | 47s | 44 | 40s | 37+ | 33+ | 29+ | 58 | 54s | 51 | 47s | 44 | 40s | 36 | 33+ | 61s | 58 | 54s | 51 | 47s | |
| Vir | AH | S10 | 39+ | 41+ | 43+ | 45+ | 47+ | 48+ | 50+ | 32+ | 34+ | 36+ | 37+ | 39+ | 41+ | 43+ | 45+ | 47+ | 49+ | 30+ | 32+ | 34+ | 36+ | 38+ | 40+ | 42+ | 43+ | 45+ | 47 | 49s | 31+ | 33+ | 34+ | |
| Vir | AT | 90 | 56 | 61 | 67 | | | | | | 45 | 50 | 55 | 60 | 66 | | | | | | 39 | 44 | 49 | 54 | 59 | | | | | 38 | 43 | 48 | 53 | |
| Vir | AV | 90 | 65 | | 62 | | 60 | | 57 | | 54 | | 51 | | 48 | 45 | | 42 | | 39 | | | 36 | 68 | 33 | 65 | | | 62 | | 59 | | 56 | |
| Vir | CG | E10S | | 72 | 65 | 59 | 52 | | | | | 67s | 60s | 54s | 47s | | | 68 | 62 | 55 | 49 | | | | 63s | | 57s | 50s | 44s | | | | | |
| Vul | Z | S10 | | | | | | | | | | 67s | | | | 58s | | | | | | | | | 63 | | | | | | | 54 | | |
| Vul | RR | E10S | | | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vul | BN | 90 | | | 71 | | | 68 | | | 65 | | | 62 | | | 59 | | | 57 | | | | | | | | | 67 | | | | | |
| Vul | DR | E10X | | | | | | | | | | | | | | | | | | | | | 57 | | | | | | | | | 56 | 57 | |
| Vul | EV | E10S | | | | | | 63s | | | | | | | 68 | | | | | | | | | 56s | | | | | | | | | 61 | |
| JD | 559 | .. | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | |

| 2012 | Apl | | 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 | | |
|------|-------|------|-----|-----|----|-----|----|-----|----|-----|----|----|----|----|-----|----|----|----|----|----|-----|----|----|----|----|----|-----|----|----|----|----|----|----|--|
| And | SY | L10 | | 24\ | 29 | 34\ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| And | CD | L10 | | 70\ | | | | | | | | | | | 79\ | | | \ | 86 | / | 92\ | | | | | 60 | | | | | | | | |
| And | OV | 90 | | | | | | | | 66 | | | | | | | | | | | | | | | | 60 | | | | | | | | |
| Aqr | SW | RR | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | | | | | |
| Aqr | SX | 90 | | | | | | | 66 | | | | | | | | | | | | | | | | | | | | | | | 62 | | |
| Aqr | CD | E10S | | | | | 42 | | | | | 26 | | | | 10 | | | | | | | | | | 77 | | | | | | | 61 | |
| Aql | AA | RR | | | | | | | | | | | | | 64 | | | | 62 | | | | 60 | | | | | | | | | | | |
| Aql | V341 | 90 | | | | | 67 | | | | | | | 61 | | | | 65 | | | | | | | 59 | | | | 63 | | | | | |
| Aql | V889 | L10 | | | | | | 44 | | | | 38 | | | | | | | 56 | | | | 50 | | | | | | | | | 68 | | |
| Aql | V1353 | E10S | 58s | | | | | 53 | | 65s | | | | | | 60 | | | | | | | | | 51 | | 63s | | | | | | 58 | |
| Aql | V1426 | E10S | 54 | 71 | 89 | | 6 | 24 | 41 | 59 | 76 | 94 | | 11 | 29 | 46 | 64 | 81 | 99 | | 16 | 34 | 51 | 69 | 87 | 4 | | 22 | 39 | 57 | 74 | 92 | | |
| Aql | V1430 | E10S | | 63 | | | | | | | 62 | | | | | | | 61 | | | | | | | 60 | | | | | | | | 59 | |
| Ari | RS | L10 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aur | TZ | 90 | | 33 | 50 | | 46 | | 42 | | 38 | | 34 | 51 | | 47 | | 43 | | 39 | | 35 | | | 48 | 44 | | | 40 | | 35 | | | |
| Aur | CQ | L10 | 15 | | | | | 46s | | | | | | | | | 77 | | | 8s | | | | | 39 | | | | | | | | | |
| Aur | IY | E10S | | | | | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | |
| Boo | RS | RR | 57 | 32 | 45 | 59 | 34 | 47 | 60 | 36 | 49 | 62 | 38 | 51 | 64 | 40 | 53 | | 41 | 55 | | 43 | 57 | | 45 | 58 | 34 | 47 | 60 | 36 | 49 | 62 | | |
| Boo | TW | 90 | 33 | 39 | 46 | 52 | 58 | 65 | | | | 38 | 44 | 50 | 57 | 63 | | | | | | | 55 | 62 | | | | 34 | 41 | 47 | 54 | 60 | | |
| Boo | UU | 90 | 65 | 56 | 47 | 39 | | | 59 | 50 | 41 | 33 | | 61 | 53 | 44 | 35 | | 64 | 55 | 47 | 38 | | | 58 | 49 | 41 | | 60 | 52 | 43 | | | |
| JD | 560 | .. | 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 | 46 | 47 | 48 | | |

| 2012 | Apl | | 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 | | |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| Boo | UY | 90 | | 35 | 65 | | 61 | | 56 | | 51 | | 47 | | 42 | | 37 | | 63 | | 58 | | 53 | | 48 | | 44 | | 39 | | | | | |
| Boo | AC | E10D | 32+ | 38+ | 44+ | 32+ | 38+ | 43+ | 32+ | 37+ | 43+ | 49+ | 37+ | 43+ | 48 | 36+ | 42+ | 48s | 36+ | 42+ | 48 | 36+ | 41+ | 47s | 35+ | 41+ | 47+ | 35+ | 41+ | 46s | 52s | 40+ | | |
| Boo | CM | 90 | 31 | 53 | | 36 | 58 | | 40 | 62 | | 45 | | 49 | | | | 54 | 37 | 58 | | 41 | 63 | | 46 | | 41 | | 50 | | 55 | | | |
| Boo | CQ | 90 | 60 | 45 | 57 | 42 | 55 | 39 | 52 | 37+ | 49 | 34+ | 47 | 59 | 44 | 57 | 41 | 54 | 39 | 51 | 36+ | 49 | 61 | 46 | 59 | 43 | 56 | 41 | 53 | 38 | 51 | 35+ | | |
| Boo | CS | 90 | | 41 | 51 | 62 | | | 39 | 49 | 60 | | | 37 | 47 | 58 | | | 35 | 45 | 56 | | | | 43 | 54 | | | 41 | 52 | 63 | | | |
| Cam | SS | E10S | | 58s | | 99 | | | 41s | | 82 | | | 23s | | 64 | | | 5s | | 46 | | 87s | | 29 | | 70s | | | 11 | | | | |
| Cam | SV | S10 | 40 | 59 | | 37 | 55 | | 33 | 52 | | | 48 | | | 45 | 63 | | 41 | 60 | | 38 | 56 | | 34 | 53 | | 50 | | | 46 | | | |
| Cam | AK | E10S | | | | | | | | | 45 | | | | | | | | | | 36 | | | | | 59 | | | | | 49 | | | |
| Cam | AN | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | | | | | |
| Cam | AT | E10S | 65s | 35 | | 44s | | 54 | | 63s | 33 | | 42s | | 52 | | 61s | | | 40s | | 50 | | 59s | | 38s | | 48 | | | 57s | | | |
| Cnc | S | L10 | | 43 | | | | | | | | | 91 | | | | | | | | | | 40 | | | | | | | | 88 | | | |
| Cnc | RU | L10 | | | | | | | | | | 12 | | | | | | | | | | 30 | | | | | | | | | 47 | | | |
| Cnc | RW | 90 | 58 | | | 32 | 41 | 51 | | | | 34 | 43 | 52 | | | | 36 | 45 | | | | 37 | 47 | | | | | 39 | 49 | | | | |
| Cnc | RZ | L10 | | | | | | 34\ | 96s | / | 58/ | | | | | | | | 16\ | 78 | / | 40/ | | | | | 98\ | \ | 60s | | | | | |
| Cnc | TT | 90 | | | 39 | | | | 34 | 46 | | | | 41 | | | | 35 | | | | | 42 | | | 37 | | | | | | | | |
| Cnc | TU | E10S | | | 3 | | | | | 59 | | | | | 15 | | | | | | 72 | | | | | 28 | | | | | 84 | | | |
| Cnc | UU | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | AQ | 90 | 32 | 42 | 52 | | | | 36 | 45 | | | | | 39 | 49 | | | | | 33 | 42 | | | | 36 | 46 | | | | 39 | | | |
| CVn | W | 90 | 66 | | 31 | 42 | 52 | 62 | | | 38 | 48 | 59 | | | 35 | 45 | 55 | | | | | 42 | 52 | 62 | | 38 | 49 | 59 | | 35 | | | |
| CVn | Z | 90 | 45 | | 41 | | 38 | | 34 | 64 | | 61 | | 57 | | 53 | | 49 | | 45 | | 42 | | 38 | | 34 | | 61 | | 57 | | | | |
| CVn | RS | S10 | | | | | | | | | | | | | 55 | | | | | 35 | | | | | | | | | | | | | | |
| CVn | RZ | 90 | 57 | | | 41 | 54 | | | 38 | 51 | 65 | 38 | 35 | 48 | 62 | | 46 | 59 | | | | 43 | 56 | | 40 | 54 | | | 37 | 51 | | | |
| CMi | AM | E10S | | | | | | | | 32 | 34 | 36 | | | 40 | | | | | | | | | | | | | | | | | | | |
| Cas | RX | L10 | | | | \ | \ | \ | \ | \ | 76s | / | / | / | / | | | | | | | | \ | \ | \ | \ | 93 | / | / | / | / | | | |
| Cas | RZ | S10 | 40 | 59 | | | | | 37 | 57 | | | | | 35 | 55 | | | | | | | | | | 52 | | 50 | | | | | | |
| Cas | SX | L10 | | | | | | | | | 85\ | | \ | 68s | / | 51/ | | | | | | | | | | | 52 | | | | 13\ | 96 | | |
| Cas | TV | S10 | | | | | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | TW | S10 | | | | 67 | | 52 | | | 38 | | | | | | | 52 | | | | 38 | | | | | 52 | | | | 38 | | | |
| Cas | TX | E10S | | | 36s | | | | | | | | | 61 | | 54 | | | | 46 | | | 39 | | | | | | | | | | | |
| Cas | AQ | L10 | 83/ | | | | 58\ | 63s | 69/ | | | | 44\ | 49 | 55/ | | | 30\ | 35s | 41/ | | | | 16\ | 21 | 27/ | | | 2\ | 7s | | | | |
| Cas | DN | E10S | | 35s | 51 | 66s | | | | | 44 | | 60s | | | | | 37 | 53s | | | | | | | 46s | 62 | | | | | | | |
| Cas | GG | E10S | | | | | | | | | | | 60 | | | | | | | | | | | | | | 64 | | | | | | | |
| Cas | GU | E10U | | | | | | | | | | | | | | | | | 56 | | | | | | | | | | | | | | | |
| Cas | IL | E10S | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | |
| Cas | IT | E10X | | | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | OX | E10X | | | 51 | | | | | 49 | | | | | 47 | | | | | 45 | | | | | 42 | | | | | | 40 | | | |
| Cas | PV | E10X | | | | | 61 | 52 | | | | | 61 | 52 | | | | | | | | 61 | 52 | | | | | 61 | 53 | | | | | |
| Cas | V368 | E10S | | | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | V375 | E10D | | 49s | | | 44s | | 65 | 39s | 60 | | 33s | 54 | | | | 49 | | | | 44 | | | 38 | 59s | | 54s | | | | 49s | | |
| JD | 560 | .. | 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 | 46 | 47 | 48 | | |

| 2012 | Apl | | 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 | | | |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|--|
| Dra | AI | S10 | 47 | 67 | | | | | 47 | 66 | | | | | 46 | | | | | | 45 | | | | | | 45 | | | | | | | | |
| Dra | BF | | | 98 | | | | | | | | | | | 19 | | | | | | | | | | | | 40 | | | | | | | | |
| Dra | BK | 90 | 49 | 67 | | 45 | 63 | | 41 | 59 | | 37 | 55 | | 33 | 51 | | | 48 | | | 44 | 62 | | 40 | 58 | | 36 | 54 | | | 50 | | | |
| Dra | BU | E10S | | | 67 | | | | 50 | | | | 32 | | | | | | | | | | | | | | | 64 | | | | 47 | | | |
| Equ | S | S10 | | | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | RR | 90 | 50 | | 48 | | 47 | | 46 | | 44 | | 43 | | 42 | | 40 | | 39 | | 38 | | 36 | | 35 | | | | | | | | | | |
| Gem | RY | L10 | | | | | | | | | 9 | | | | | | | | | 39 | | | | | | | | | | | 69 | | | | |
| Gem | SZ | 90 | 33 | 34 | 34 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 40 | |
| Gem | WW | E10S | | | 39s | | | | 34s | | | | | | | | 39 | | | | | | | | | | | | | | | | | | |
| Gem | YY | S10 | 38s | | 42 | | 45s | | | | | 34s | | 38 | | 41s | | 45 | | | | | | | 37s | | 40 | | 44s | | | | | | |
| Her | TW | RR | 52 | | 52 | | 52 | | 52 | | 51 | | 51 | | 51 | | 51 | | 51 | | 50 | | 50 | | 50 | | 50 | | 50 | | 49 | | | | |
| Her | TX | S10 | | | | 35s | 38 | 41s | 44 | 47s | 50 | 53s | 56 | 59s | 62 | 65s | | | | | | | | | | | | | | | | | | | |
| Her | UX | E10D | | 56 | | | 65 | | | | | | | | | | | | | | 59 | | | | | | | | | | | | 44 | | |
| Her | VX | RR | 56 | 47 | | | 66 | 57 | 48 | 39 | | | 58 | 49 | 40 | | | 59 | 50 | 41 | | | 59 | 51 | 42 | | | 60 | 51 | 43 | | | | | |
| Her | VZ | 90 | 41 | | 61 | 49 | 37 | | 57 | 46 | | 66 | 54 | 42 | | 62 | 50 | 38 | | 58 | 46 | 34 | | 55 | 43 | | 63 | 51 | 39 | | 59 | 47 | | | |
| Her | AK | S10 | 57 | 62s | 46+ | 52 | 57s | 62 | 47 | 52s | 58 | 42+ | 47s | 53 | 58s | 42+ | 48 | 53s | 58 | 43+ | 48s | 53 | 59s | 43+ | 49 | 54s | 38+ | 44 | 49s | 54 | 39+ | 44s | | | |
| Her | AR | 90 | 61 | 55 | 49 | 43 | 37 | | | 66 | 60 | 54 | 48 | 42 | 36 | | | 65 | 59 | 53 | 47 | 41 | | | | 64 | 58 | 52 | 46 | 40 | | | | | |
| Her | AW | L10 | | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 | | |
| Her | DI | L10 | 99 | | | 42 | | | | | | | | 54 | | 97 | | | | | | | | | 9 | | 52 | | | | | | | | |
| Her | GU | E10U | 48s | | 65 | | | | | | | | | 34 | | 51s | | | | | | | | | | | 37 | | 54s | | | | | | |
| Her | LV | | | | | | | | | | | | | 43 | | | | | | | | | | | | | | | | | | | 87 | | |
| Hya | SZ | 90 | | | | | 31 | 38 | | | | | | | | 37 | | | | | | | | | | | 35 | | | | | | | | |
| Hya | WZ | 90 | | | | | 35 | 43 | | | | | | | 34 | 42 | | | | | | | | | | | 41 | | | | | | | | |
| Hya | AI | L10 | | | 42 | | | | | 5 | | | 71 | | | | | 34 | | | 0 | | | | | 63 | | | | 29 | | | | | |
| Hya | ET | 90 | | | | 32 | | 37 | | | | | | | | | | | 34 | | | | | | | | | | | | | | | | |
| Lac | SW | S10 | | 67 | 64 | 60 | | | 64s | 61s | | | 65 | 62 | 58 | | | 62s | 59s | | | 63 | 60 | 56 | | 64s | 60s | 57s | | | 61 | 58 | | | |
| Lac | UW | E10S | | | 18 | | | | | 47 | | | | | 76 | | | | | | 5 | | | | | 34 | | | | | 63 | | | | |
| Lac | CO | E10X | | | | 50 | | | 58 | | | | | | | 52 | | | | | | | 46 | | | 55 | | | 63 | | | | | | |
| Lac | CZ | 90 | 65 | 52 | | | 54 | | | 57 | | | 59 | | | 62 | 48 | | 64 | 51 | | | 53 | | | 55 | | 58 | 44 | | | | 60 | | |
| Lac | V345 | E10X | | | | 70 | | | 33 | | | | | 19 | | 83 | | | | | | 68 | | | 32 | | | | 17 | | 81 | | | | |
| Lac | V364 | E10X | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | | | | | | | |
| Leo | RR | RR | 53 | 43 | 34 | | | 51 | 41 | 32 | | 58 | 48 | 39 | | | 55 | 46 | 36 | | | 53 | 44 | 34 | | | 51 | 41 | | | 48 | | | | |
| Leo | SS | RR | 39 | | | 52 | | 40 | | | 53 | | 41 | | | 54 | | 42 | | | | | 43 | | | | | 44 | | | | | | | |
| Leo | ST | RR | 50 | 45 | 41 | 37 | 32 | | | | 58 | | 54 | 49 | 45 | 40 | 36 | | | | | | | | 53 | 49 | 44 | 40 | 35 | | | | | | |
| Leo | AG | E10S | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | 38 | | | | | | |
| Leo | AM | S10 | 31+ | 40+ | 32+ | 42 | 33+ | 43s | 34+ | 44 | 35+ | 45s | 37+ | 46 | 38+ | 48s | 39 | 49 | 40s | 50s | 41 | 51 | 43s | 34+ | 44 | 35s | 45s | 36 | 46 | 38s | 47s | 39 | | | |
| Lyn | TY | E10S | | | | | | | | | 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lyr | RR | RR | | | 54 | 67 | | | | 51 | 64 | | | 48 | 61 | | | 44 | 58 | | | | 55 | | | 38 | 51 | | | | | 48 | 62 | | |
| Lyr | RZ | 90 | | | | | | | | | | | | | 44 | 46 | 48 | 50 | 53 | 55 | 57 | 59 | 62 | 64 | | | | | | | | | | | |
| JD | 560 | .. | 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 | 46 | 47 | 48 | | | |

| 2012 | Apl | | 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 | | |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-----|-----|----|----|
| Lyr | UZ | S10 | | | | | | | | | | 57 | | 46 | | | | | | | | | | | | | | | | | | 59 | 48 | |
| Lyr | CN | 90 | | | 51 | | 57 | | 63 | 45 | | 51 | | 57 | | 62 | 44 | | 50 | | | 56 | | 62 | 44 | | 50 | | | 55 | | 61 | 43 | |
| Lyr | EZ | RR | 58 | 63 | | | | | | | 46 | 51 | 56 | 61 | | | | | | | | 44 | 49 | | 54 | 59 | 64 | | | | 42 | 47 | | |
| Lyr | IO | 90 | 58 | | | 46 | 62 | | | | 50 | 66 | | 54 | | | 43 | 58 | | | | 47 | 62 | | | 51 | | | 40 | 55 | | 44 | | |
| Lyr | beta | S10 | | | | | 78s | | | | | | | 25 | | | | | | 72s | | | | | | | 19 | | | | | | | |
| Mon | UX | E10S | 86 | | | | 82s | | | 77 | | 72s | | | 67 | | | 63s | | | | 58 | | | | 53s | | | | | | | | |
| Mon | VV | E10S | | | | | | 7 | | | | | | 12 | | | | | | | | | | | | | | | | | | | | |
| Mon | AR | L10 | | | 96\ | 81 | 65/ | | | | | | | | 56\ | 41s | 26/ | | | | | | | | | | | | | | | | | |
| Mon | AT | E10S | | | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | | | | |
| Mon | AV | E10S | 90 | | | | | | | 85 | | | | | | | 80 | | | | | | | | | | | | | | | | | |
| Mon | IL | E10S | | 19 | | | | 22 | | | | 24 | | | | 27 | | | | | 29 | | | | 32 | | | | | | 35 | | | |
| Mon | V448 | E10S | | | | | | | | | | | | | 34s | | | | | | | | | | | | | | | | | | | |
| Mon | V530 | E10U | | | | 34s | 40s | | | | 34 | | | | 33s | | | | | | | | | | | | | | | | | | | |
| Mon | V536 | | | | | | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | |
| Oph | ST | 90 | 64 | 54 | | | | | 59 | | | | 65 | 55 | | | | 60 | 50 | | | | | 55 | | | 61 | 51 | | | | 56 | | |
| Ori | Z | E10S | | 17 | | | | | 38 | | | | | 58 | | | | | | | 78 | | | | | | | | | | | | | |
| Ori | CP | E10S | | | | | 68 | | | | | | 0 | | | | | | | | | 33 | | 65 | | | | | | 97 | | | | |
| Ori | DN | L10 | | | | | | | 24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ori | FT | E10X | | | | 33 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | VV | RR | | | | | | | | | | | | | | | | | 64 | 61 | | | | | | | | | | | | | | |
| Peg | VV | | | | | | | | | | | | | | | | | | | | | | | 72 | | | | | | | | | | |
| Peg | AW | L10 | | | 12 | | | | | | | | | | 75 | | | | | | | | | | | 37 | | | | | | | | |
| Peg | CG | 90 | | | 62 | | | | | | | 63 | | | | | | | | | | | | | | | 64 | 57 | | | | | | |
| Peg | DF | L10 | | | | | | 13 | | | | | | | | | | | | | | | 83 | | | | | | | | | | | |
| Peg | DH | RR | | | | | | | | | | | | | | | | | 64 | | | | | | | | | | | | | | 63 | |
| Peg | IP | K10 | | | | | | | | | | | | | | | | | | | | | | | 64s | | | | | | 63 | | 63 | |
| Per | RW | L10 | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | AR | 90 | 41 | | | 39 | | | 36 | | | 34 | | | | | | | | | | | | | | | | 39 | | | | 37 | | |
| Per | AY | L10 | | | | | | | | | | 46 | | | | | | | | | | | | | 23 | | | | | | | | | |
| Per | IQ | | 35 | | | | | | | 32 | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | KN | E10U | | | | | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | LX | L10 | | | | 86s | | | | 88 | | | | 90s | | | | | | | | | 92 | | | | | 94s | | | 95 | | | |
| Sge | SY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | | | | | | |
| Ser | VY | RR | 45 | | 59 | | | 45 | 59 | | | | 44 | 59 | | | | 44 | 59 | | | | | 44 | | 58 | | | 44 | | 58 | | | |
| Ser | AN | 90 | 44 | 48 | 52 | 57 | 61 | 66 | | | | | | 40 | 44 | 49 | 53 | 58 | 62 | | | | | | | | | 36 | 41 | 45 | 49 | 54 | 58 | 63 |
| Ser | BH | 90 | 64 | 51 | 38 | | 55 | 42 | | 59 | 46 | 33 | 64 | 50 | 37 | | 55 | 42 | | 59 | 46 | | | 63 | 50 | 37 | | 54 | 41 | | 58 | 45 | | |
| Ser | EG | L10 | | | 95 | | | | | | | | | 89 | | | | | | | | | | | | | | 84 | | | | | | |
| Ser | LX | K10 | 41+ | 51+ | 47+ | 42+ | 37+ | 48+ | 43+ | 38+ | 49+ | 44+ | 39+ | 34+ | 45+ | 40+ | 35+ | 46+ | 41+ | 36+ | 47+ | 42+ | 37+ | 48+ | 43+ | 38+ | 49 | 44+ | 39+ | 50 | 45+ | 40+ | | |
| Sex | T | 90 | 42 | 39 | 37 | 34 | 32 | | | | | | 49 | 46 | 43 | 41 | 38 | 36 | 33 | | | | | | | | | | | | | | | |
| JD | 560 | .. | 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 | 46 | 47 | 48 | | |

| 2012 Apl | | | 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 |
|----------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tau | RW | S10 | | | | | | | | | | 33 | | | | | | | | | | | | | | | | | | | | |
| Tau | EN | E10S | | | 39 | | | | | 34 | | | | | | | | | | | | | | | | | | | | | | |
| Tau | V1094 | L10 | | 65 | | | | | | 51 | | | 64 | | | | | | | | | | | | | | | | | | | |
| UMa | W | S10 | 35+ | 35+ | 35+ | 35+ | 35+ | 35+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 36+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 37+ | 38+ | 38+ |
| UMa | RV | RR | 35 | | | 63 | 57 | 50 | 44 | 37 | | | 65 | 59 | 52 | 46 | 40 | 33 | | | 61 | 54 | 48 | 42 | 35 | | | 63 | 57 | 50 | 44 | 37 |
| UMa | RW | E10S | | 60s | | | | | | | | | | | 59 | | | | | | | | | | 58s | | | | | | | |
| UMa | TU | RR | 54 | 66 | | 33 | 45 | 56 | | | 35 | 47 | 58 | | | 37 | 49 | 60 | | | 39 | 51 | 62 | | | 41 | 52 | | | | 43 | 54 |
| UMa | TX | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | 39 | | | 45 | |
| UMi | W | S10 | | | | | 45 | | | | | 56 | | | | | | | 36 | | | | | 46 | | | | | 57 | | | |
| Vir | ST | 90 | 52 | | 57 | 39 | 62 | 45 | | 50 | | 55 | 38 | 61 | 43 | | 48 | | 54 | 36 | 59 | 41 | | 47 | | 52 | 34 | 58 | 40 | | 45 | |
| Vir | AG | E10D | 43 | 40s | 36 | 32s | 61s | 57 | 54s | 50 | 47s | 43 | 39s | 36 | | 61s | 57 | 54s | 50 | 46s | 43 | 39s | 36 | | | 57 | 53s | 50 | 46s | 42 | 39s | 35 |
| Vir | AH | S10 | 36+ | 38+ | 40+ | 42+ | 44+ | 46s | 48 | 49s | 51 | 33+ | 35+ | 37+ | 39+ | 40+ | 42s | 44 | 46s | 48 | 50s | 52 | 54s | 35+ | 37+ | 39s | 41 | 43s | 44 | 46s | 48 | 50s |
| Vir | AT | 90 | 58 | | | | | | 37 | 42 | 47 | 52 | 57 | | | | | | 36 | 41 | 46 | 51 | 56 | | | | | | 35 | 40 | 45 | 50 |
| Vir | AV | 90 | 53 | | 50 | | 47 | | 44 | | 41 | | 38 | | 35 | | | 64 | | 61 | | 58 | | 55 | | 52 | | 49 | | 46 | | 43 |
| Vir | CG | E10S | 64 | 58 | 52 | 45 | 39 | | | 66s | 59s | 53s | 47s | 40s | | | | 61 | 54 | 48 | 42 | 35 | | | 62s | 56s | 49s | 43s | 36s | | | |
| Vul | Z | S10 | | | | | 67s | | | | | 58s | | | | | 49s | | | | | | 63 | | | | | 54 | | | | |
| Vul | BN | 90 | | | 61 | | | 58 | | | 55 | | | 52 | | | 49 | | | | | | | 62 | | 59 | | | | 56 | | |
| Vul | DR | E10X | | | | | | | | 56 | 58 | | | | | | | | 57 | 58 | | | | | | | | 57 | 58 | | | |
| Vul | EV | E10S | | | | | | | | | | | | | | | | 55 | | | | | | | 60s | | | | | | | |
| JD | 560 | .. | 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 | 46 | 47 | 48 |

| 2012 Mai | | | 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 | | | | | | | | | | | | | | 61 | | | | | 59 | | | | 57 | | | | 55 | | | | | |
| And | SY | L10 | | | | | | | 15\ | 20 | 25/ | | | | | | | | | | | | | | | | | | | 59 | | | | |
| And | XX | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| And | CD | L10 | | | 1\ | \ | 8s | / | 15/ | | | | | | | | | | | | | 23\ | \ | 30 | / | 37/ | | | | | | | | |
| And | OV | 90 | | | 60 | | | | | | | | 60 | 54 | | | | | | | | 60 | 54 | | | | | | 60 | 54 | | | | |
| Aqr | SW | RR | | | | | | | | | | | | | | 60 | | | | | | | 57 | | | | | | 54 | | | | | |
| Aqr | SX | 90 | | | | | | 59 | | | | | | | | | | | | | | | 59 | | | | | | | 55 | | | | |
| Aqr | CD | E10S | | | | 45 | | | | | 29 | | | | 12 | | | | | 96 | | | | | 80 | | | | | 64 | | | | |
| Aql | AA | RR | | | | 63 | | | | 61 | | | | 59 | | | | 57 | | | | 55 | | | | 53 | 61 | | | 51 | 59 | | | |
| Aql | V341 | 90 | | | | 57 | | | | 62 | | | | | | 55 | | | | | 60 | | | | | | | 54 | | | | 58 | | |
| Aql | V889 | L10 | | 62 | | | | | | | 80 | | | | 74 | | | | | | | 92 | | | | | 86 | | | | | | | |
| Aql | V1353 | E10S | | | | | 53s | | | | | 48 | | 61s | | 44s | | | 56 | | | | | 51s | | | | | 46 | | 58s | | | |
| Aql | V1426 | E10S | | 9 | 27 | 44 | 62 | 79 | 97 | | 14 | 32 | 49 | 67 | 84 | 2 | | 19 | 37 | 54 | 72 | 89 | | 7 | 24 | 42 | 59 | 77 | 94 | | 12 | 29 | 47 | |
| Aql | V1430 | E10S | | | | | | | 58 | | | | | | 57 | | | | | | | | 56 | 43 | | | | | | 55 | 42 | | | |
| Aur | TZ | 90 | | | | 45 | | 40 | | 36 | | | | | | 41 | | | 37 | | | | | | | | | 38 | | | | | | |
| JD | 560 | .. | 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 | 77 | 78 | 79 | |

| 2012 | Mai | | 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 | | | |
|------|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|--|
| Aur | CQ | L10 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boo | RS | RR | 38 | 51 | | 40 | 53 | | 41 | 55 | | 43 | 56 | | 45 | 58 | | 47 | 60 | | 49 | | 38 | 51 | | 39 | 53 | | 41 | 54 | | 43 | 56 | | | |
| Boo | TW | 90 | | | | | 39 | 46 | 52 | 59 | | | 57 | | 38 | 44 | 50 | 57 | | | | | | 42 | 49 | 55 | | | | | 41 | 47 | | | | |
| Boo | UU | 90 | 35 | | 63 | 54 | 46 | 37 | | | 57 | 49 | 40 | | | 60 | 51 | 43 | | | | 54 | 45 | 37 | | 56 | 48 | 39 | | | 59 | 50 | | | | |
| Boo | UY | 90 | | | 60 | | 55 | | 50 | | 46 | | 41 | | 36 | | | | | 57 | | 52 | | 47 | | 43 | 38 | | | | | | | | | |
| Boo | AC | E10D | 46+ | 52 | 40+ | 45+ | 51s | 39+ | 45 | 51 | 39+ | 45+ | 50s | 38+ | 44+ | 50 | 38+ | 44+ | 49s | 38+ | 43+ | 49 | 37+ | 43+ | 49s | 37+ | 42+ | 48 | 54 | 42+ | 48s | 54s | 42+ | | | |
| Boo | CM | 90 | | 37 | 59 | | 42 | | | 47 | | | 51 | | | 56 | | 38 | 60 | | 43 | | | 47 | | 52 | | | | 56 | 39 | | | | | |
| Boo | CQ | 90 | 48 | 61 | 45 | 58 | 43 | 55 | 40 | 53 | 37 | 50 | | 47 | 60 | 45 | 57 | 42 | 55 | 39 | 52 | 37 | 49 | | 47 | 59 | 44 | 57 | 41 | 54 | 39 | 51 | | | | |
| Boo | CS | 90 | | | 39 | 50 | 61 | | | 38 | 48 | 59 | | | 36 | 46 | 57 | | | | | 44 | 55 | | | 42 | 53 | | | 40 | 51 | | | | | |
| Cam | SS | E10S | 52s | | 93 | | | 34s | | 75 | | | 17s | | 58 | | 99s | | | 40 | | 81s | | | 22 | 63s | | | 5 | | 46s | | | | | |
| Cam | SV | S10 | | | 43 | 61 | | 39 | 58 | | 36 | 54 | | | 51 | | | 47 | | | 44 | | | 40 | 59 | 37 | 56 | | | 52 | | | | | | |
| Cam | AK | E10S | | | | | | | | 40 | | | | | | | | | | | 54 | | | | | | | | 44 | | | | | | | |
| Cam | AN | | | | | 24 | | | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | |
| Cam | AT | E10S | | 36s | | 46 | | 55s | | | | | 44 | | 53s | | | | | 41 | | 51s | | 60 | | 39 | | 49s | | 58 | | | | | | |
| Cnc | S | L10 | | | | | | | | | | 37 | | | | | | | | | | 85 | | | | | | | | | | | | | | |
| Cnc | RU | L10 | | | | | | | | | | 64 | | | | | | | | | | 82 | | | | | | | | | | | | | | |
| Cnc | RW | 90 | | | | 41 | | | | | | 43 | | | | | | 45 | | | | | | | | | | 40 | | | | | | | | |
| Cnc | RZ | L10 | 23/ | | | | | | 80\ | \ | 43 | | / | 5/ | | | | | | | | 62\ | \ | 25s | 87/ | | | | | | | 45\ | | | | |
| Cnc | TT | 90 | | | | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | TU | E10S | | | | | | 40 | | | | | 96 | | | | | | | | 52 | | | | | | | | | | | | | | | |
| Cnc | TW | L10 | | | | | 69\ | 75 | 81/ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | UU | L10 | \ | \ | \ | \ | 45 | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | / | |
| Cnc | ZZ | L10 | 52\ | 54 | 57/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | AQ | 90 | | | | | | 43 | | | | | 36 | | | | | | | | 40 | | | | | | | | | | | | | | | |
| CVn | W | 90 | 45 | 56 | | | | 42 | 52 | 62 | | | 38 | 49 | 59 | | | | | | | 45 | 56 | | 42 | 52 | | 38 | 49 | 59 | | | | | | |
| CVn | Z | 90 | 53 | | 49 | | 46 | | 42 | | 38 | | | | | 61 | | 57 | | | | 53 | | 50 | | 46 | | 38 | | | | | | | | |
| CVn | RS | S10 | | | | | | | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | |
| CVn | RZ | 90 | | | | 48 | 61 | | | 45 | 59 | | | 42 | 56 | | | 40 | 53 | | | | 37 | 50 | | | 47 | | | 45 | 58 | | | | | |
| Cas | RX | L10 | | | | | | | \ | \ | \ | \ | 9s | / | / | / | / | | | | | | | | | \ | \ | \ | \ | 26 | / | / | / | / | | |
| Cas | RZ | S10 | | 47 | | | | | | 45 | | | | | | 43 | | | | | | | 40 | 60 | | | | 38 | 57 | | | | | | | |
| Cas | SX | L10 | | 79/ | | | | | | | | | | | | | | | | 42\ | \ | 25s | / | 8/ | | | | | | | | | | | | |
| Cas | TV | S10 | | | | 59 | | | | | | | | | | 46 | | | | | | | | | | | 53 | | | | | | | | | |
| Cas | TW | S10 | | | | | | 52 | | | 37 | | | | | | | 52 | | | | 37 | | | | | | 51 | | | | | | | | |
| Cas | TX | E10S | 63s | | | 56s | | | 49s | | | 41s | | | | | | | | | | | | | | 58 | | 51 | | | | 44 | | | | |
| Cas | AQ | L10 | 13/ | | | 88\ | 93 | 99/ | | | | 74\ | 79s | 85/ | | | | 60\ | 66 | 71/ | | | | | 46\ | 52s | 57/ | | | | 32\ | 38 | 43/ | | | |
| Cas | DN | E10S | | 40s | 55 | | | | | | | 48 | | | | | | | | | | | | | | | 50s | | | | | | | | | |
| Cas | GG | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Cas | GU | E10U | | | | | | | | | | | | | | | | | | | 49 | | | 58 | | | | | | | | | | | | |
| Cas | IL | E10S | | | | | 57 | | | | | | | 48 | | | | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | 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 | 77 | 78 | 79 | | | |

| 2012 | Mai | | 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 | | | | | | 55 | | | | | 60 | | | | | 49 | | | | | | | | | | | | | | | |
| Cas | OX | E10X | | | 38 | | | | | 36 | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | PV | E10X | | | 61 | 53 | | | | | | 62 | 53 | 37 | | | | | | 53 | 37 | | | | | 53 | | | | | | | |
| Cas | V368 | E10S | | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | | | | |
| Cas | V375 | E10D | | | 43s | | | 38s | | 59 | | | 54 | | | 48 | | | 43 | | | 38 | | | 59s | | 53s | | | 48s | | | |
| Cas | V381 | E10X | | | | | | | | 55 | | | | | | 53 | | | | | | | 51 | | | | | | | 50 | | | |
| Cas | V459 | L10 | | 48 | | | | 64 | | | | 93 | | | | 10 | | | | | | 39 | | | 56 | | | | | 85 | | | |
| Cep | RZ | 90 | 55 | 48 | 40 | | 56 | 49 | 41 | | 57 | 50 | 43 | | 59 | 51 | 44 | | 60 | 52 | 45 | 38 | 61 | 54 | 46 | 39 | | 55 | 47 | 40 | 56 | 49 | |
| Cep | VV | S10 | 45+ | 42+ | 39+ | 37+ | 48+ | 46+ | 43+ | 40+ | 38+ | 49 | 47+ | 44+ | 41+ | 39+ | 50 | 48+ | 45+ | 42+ | 40+ | 37+ | 48s | 46+ | 43+ | 41+ | 38+ | 49s | 47 | 44+ | 42+ | 39+ | 50s |
| Cep | XX | S10 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cep | XY | E10S | | | | | | | | | 46 | | | | | | | | | | | 56 | | | | | | | | | | | |
| Cep | ZZ | S10 | | | | 41 | | 56 | | | | | | | | | | | | 41 | | | 55 | | | | | | | | | | |
| Cep | AI | E10S | | | 46 | | 57s | | | | | | | | | | | | | | | | | 47s | | 58 | | | | | | | |
| Cep | CW | E10X | 44 | | | | 48 | | | | | 62 | | | | | | 39 | | | | 54 | | | | 58 | | | | | | | |
| Cep | EI | L10 | 52s | | | | 74 | | | | 96s | | | | 18 | | | | | 40s | | | | 62 | | | | 84s | | | | | 6 |
| Cep | EX | L10 | | | | | | | | | 37 | | | | | | | | | | | | | 80 | | | | | | | | | |
| Cep | NN | E10S | 36s | 39 | 42s | 44 | 47s | 50 | 53s | 56 | 59s | 62 | | | | | | | | | | | | | | | | | | | | | |
| Com | S | 90 | 59 | | 35 | 53 | | | 46 | | | 39 | 57 | | | 50 | | | 43 | | | | 54 | | | 47 | | | 40 | | | 51 | |
| Com | ST | 90 | | 53 | | | 53 | | | 52 | | | 52 | | | 51 | | | 51 | | | 50 | | | 49 | | | 49 | | 48 | | | |
| CrB | U | S10 | | | 41 | | | | | | | | | | | | | | | | | | | | | | | 58 | | | | | |
| CrB | RV | 90 | 41 | 40 | 40 | 39 | 38 | 38 | 37 | 37 | 36 | 36 | | | | | | | | | | | | | | | | | 60 | 60 | 59 | 59 | |
| Crt | W | 90 | | | | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyg | UY | RR | | | | 52 | | | | 57 | | | | | 49 | | | | | 54 | | | | 47 | 59 | | | | 51 | | | | |
| Cyg | XZ | RR | | 63 | 57 | 50 | 43 | 37 | | | | 57 | 50 | 43 | 37 | | | | 57 | 50 | 43 | | | | | 56 | 50 | 43 | | | | | |
| Cyg | BO | E10S | | | | | | | | | | | | | | | | | | | 45 | | | | | | 47 | | | | | | |
| Cyg | BR | E10S | | | | 42 | | | | 42 | | | | 42 | | | | 42 | | | | 41 | | | | 41 | | | 41 | | | | |
| Cyg | DM | RR | 49 | | 59 | | | 53 | | | 47 | | 57 | | 51 | | | 61 | 45 | | | 55 | | | 49 | 59 | 43 | 53 | | | 46 | | |
| Cyg | V367 | L10 | | | \ | \ | 65s | / | / | | | | | \ | \ | 95 | / | / | / | / | | | | \ | \ | 24s | / | / | | | | | |
| Cyg | V463 | E10S | | | | | | | | | | 49 | 60 | | | | | | | | | | | | | | | 43 | | 54 | | | |
| Cyg | V477 | | | | | | | | 62 | | | | | | | | | | | | | | | | | | | 40 | | | | | |
| Cyg | V541 | L10 | | | | | | | 22 | | | | | | 53 | | | | | | | | | 55 | | | | | | | | | 87 |
| Cyg | V548 | E10S | | | 52 | | | | | | | | | 55 | | | | | | | | | 57 | | 38 | | | | | | | 60 | |
| Cyg | V788 | L10 | | | | | | | | | | | | | | | | | | | | | | 46\ | 41 | 37/ | | | | | | | |
| Cyg | V891 | E10S | | | | | | | | | | | | 53 | | | | 44 | | | | | | | | | | | | | | | |
| Cyg | V909 | E10S | | | | | 59 | | | | | | | 60s | | 41s | | | | | 61 | | | | 42 | | | | | | 43s | | |
| Cyg | V1061 | E10S | | | | | | 44 | | | | | | | 48 | | | | | | | 52 | | | | | | | 56 | | | | |
| Del | DX | 90 | | | | 61 | | 56 | | | | | | | 59 | 54 | 48 | | | | | | | | 57 | 52 | 46 | | | | | 60 | |
| Dra | RW | RR | 42 | | 63 | 52 | 40 | | 62 | 50 | 39 | | 61 | 49 | 38 | | 59 | 48 | | | | | | | 56 | 45 | | 55 | 44 | | | 54 | |
| Dra | SU | RR | | 54 | | 52 | | 50 | | 48 | | 46 | | 44 | | 42 | | 40 | | 39 | | 37 | | | | | | | | | | 59 | |
| JD | 560 | .. | 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 | 77 | 78 | 79 |

| 2012 | Mai | | 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 | SW | RR | | | 43 | 57 | | 42 | 56 | | | | 41 | 54 | | | 39 | 53 | | | 38 | 52 | | 37 | 51 | | | 50 | | | | | | | |
| Dra | TZ | E10D | | 50 | 37 | | | | | 56 | 43 | | | | | 49 | | | | | | | 55 | 42 | | | | | 48 | | | | | | |
| Dra | VZ | 90 | 56 | 53 | 49 | 45 | 41 | 38 | | 62 | 59 | 55 | 51 | 48 | 44 | 40 | 37 | | 61 | 58 | 54 | 50 | | 47 | 43 | 39 | | 60 | 56 | 53 | 49 | 45 | 42 | | |
| Dra | WW | S10 | | | | | | | | | | | | | 52 | | | | | | | | | | | | | | 41 | | | | | | |
| Dra | XZ | RR | | 62 | 57 | 52 | 48 | 43 | 38 | | | | | 62 | 58 | 53 | 48 | 43 | 39 | | | | | 58 | 53 | 49 | 44 | 39 | | | | | | | |
| Dra | AI | S10 | 44 | | | | | | 44 | | | | | | 43 | | | | | | | 42 | | | | 42 | | | | | | | | 41 | |
| Dra | BF | | | | | | | 62 | | | | | | | | | | | 83 | | | | | | | | | | | 4 | | | | | |
| Dra | BK | 90 | | | 46 | | | 42 | 61 | | 38 | 57 | | | 53 | | | 49 | | | | 45 | | 41 | 59 | 37 | 55 | | 51 | | | | | | |
| Dra | BU | E10S | | | | | | | | | | | | | | | | | | | | 61 | | | 44 | | | | | | | | | | |
| Equ | S | S10 | | | | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | RR | 90 | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | | | | |
| Gem | RY | L10 | | | | | | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | SZ | 90 | 40 | 40 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | YY | S10 | | | | 36 | | 40s | | | | | | | | | | | 39 | | | | | | | | | | | | | | | | |
| Her | TW | RR | 49 | | 49 | | 49 | | 49 | | 48 | | 48 | 48 | | 48 | 48 | 48 | 48 | | | 47 | 47 | | 47 | 47 | 47 | 47 | 47 | 46 | | | | 46 | |
| Her | TX | S10 | | | | | | | | | 36s | 39 | 42s | 45 | 48s | 51 | 54s | 57 | 60s | | | | | | | | | | | | | | | | 41 |
| Her | UX | E10D | | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Her | VX | RR | 61 | 52 | 43 | | | 62 | 53 | 44 | | | | 54 | 45 | | | | | | | 55 | 46 | 37 | | | | 56 | 47 | 38 | | 57 | 48 | 39 | |
| Her | VZ | 90 | 35 | | 55 | 43 | | 52 | 40 | | 60 | | 48 | 36 | | 56 | 44 | | | | | 53 | 41 | 61 | 49 | 37 | 57 | 45 | | | 53 | 41 | | | |
| Her | AK | S10 | 49 | 55s | 39+ | 44 | 50s | 55 | 40+ | 45s | 50 | 56s | 40+ | 45 | 51s | 56 | 40 | 46s | 51 | 57s | 41s | 46 | 52s | 57 | 41 | 47s | 52 | 57s | 42s | 47 | 53s | 58 | | 42 | |
| Her | AR | 90 | | 63 | 57 | 51 | 45 | 39 | | | | | 56 | 50 | 44 | 38 | | | | | | 61 | 55 | 49 | 43 | 37 | | 60 | 54 | 48 | 42 | | | | |
| Her | AW | L10 | | | | | | | 78 | | | | | | | | | | 58 | | | | | | | | 38 | | | | | | | | |
| Her | DI | L10 | | | 64 | | | 7 | | | | | | | | 19 | | | 62 | | | | | | | | | | 17 | | | | | | |
| Her | GU | E10U | | | | | | | | 40 | | 57s | | | | | | | | | | | 43 | | 60s | | | | | | | | | | |
| Her | LV | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | | | | | |
| Hya | AI | L10 | | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lac | SW | S10 | 54 | | 62s | 58s | 55s | | 59 | 56 | 52 | | | 60s | 56s | 53s | 49s | 61 | 57 | 54 | 50 | | 58s | 54s | 51s | 47s | 59 | 55 | 52 | 48 | 60s | 56s | | 53s | |
| Lac | UW | E10S | | | | 92 | | | | | 21 | | | | | | 50 | | | | | | | | | | 79 | 8 | | | | | | | 37 |
| Lac | CO | E10X | 49 | | 57 | | | | | 43 | | | 51 | | | 59 | 37 | | | | | 45 | | 54 | | | 39 | | | 47 | | | | | 56 |
| Lac | CZ | 90 | 47 | | 63 | 49 | | 52 | | | 54 | | 41 | | 57 | 43 | | 59 | 46 | | | 48 | | | 51 | 37 | | 53 | 40 | | 56 | 42 | | | |
| Lac | V345 | E10X | | | | 66 | | 30 | | | | | | 16 | | 79 | | | | | | | | 29 | | | | | 14 | | 78 | | | | |
| Lac | V364 | E10X | | | | | | | | 55 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leo | RR | RR | 39 | | | | 46 | 37 | | | | 44 | | | | | 41 | | | | | | | | | | 37 | | | | | | 44 | | |
| Leo | SS | RR | 45 | | | | | 46 | | | | | | | | | | | | | | | | | 38 | | | | | 39 | | | | | |
| Leo | ST | RR | | | 52 | 48 | 44 | 39 | | | | | | | | | 47 | 43 | 38 | | | | | | | | | 47 | 42 | 38 | | | | | |
| Leo | AM | S10 | 49 | 40s | 50s | 41 | | 42s | | 44 | | 45s | 36 | 46 | 37s | 47s | 39 | | | | | 41 | 42s | 43 | | 44s | | | | | | 38 | | | |
| Lyn | TY | E10S | | | 42 | | | | | | | | | | | | | 42 | | | | | | | | | | | | | 41 | | | | |
| Lyr | RR | RR | | | 45 | 58 | | | 42 | 55 | | | 39 | 52 | | | | 49 | | | | 46 | 59 | | | 42 | 56 | | | 39 | 53 | | | | |
| Lyr | RZ | 90 | | | 38 | 40 | 42 | 44 | 47 | 49 | 51 | 53 | 56 | 58 | 60 | | | | | | | | | | | | | 38 | 40 | 43 | 45 | 47 | | | 49 |
| JD | 560 | .. | 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 | 77 | 78 | | 79 | |

| 2012 | Mai | | 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 | UZ | S10 | | | | | | | | | | | | | | 61 | | 50 | | 39 | | | | | | | | | | | | | | | |
| Lyr | CN | 90 | 49 | | 55 | | 60 | 43 | | 48 | | 54 | 36 | 60 | 42 | | 48 | | 53 | | 59 | 41 | | 47 | | 53 | | 58 | 41 | | 46 | | 52 | | |
| Lyr | EZ | RR | 52 | 57 | 62 | | | | | | 40 | 45 | 50 | 55 | 60 | | | | | | | | 48 | 53 | 58 | | | | | | 41 | | 46 | | |
| Lyr | IO | 90 | 59 | | | 48 | | | | 36 | 52 | | 40 | 55 | | | 44 | 59 | | | | | 48 | | 37 | 52 | | 41 | 56 | | 45 | | 60 | | |
| Lyr | beta | S10 | 66s | | | | | | | | 13 | | | | | 60s | | | | | | | 8 | | | | | 55s | | | | | | | |
| Oph | ST | 90 | 46 | | | 61 | 51 | | | | | 57 | 47 | | | 62 | 52 | 42 | | | 57 | 48 | | | 53 | 43 | | 58 | 48 | 38 | | | | | |
| Peg | U | S10 | | | | | | | | | | | | | | 62 | | | 61 | | | | | 61 | | | 61 | | | | | | | | |
| Peg | VV | RR | | | | | | | | | 61 | 59 | 57 | 54 | | | 79 | | | | | | | | | | | | | | | | | 59 | |
| Peg | VV | RR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | AW | L10 | | | | 99 | | | | | | | | | | | 61 | | | | | | | | | | | 24 | | | | | | | |
| Peg | BH | 90 | | | | | | | | | | | | | | | | | 59 | | | | | | | | | 57 | | | | | | | |
| Peg | BK | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | | | | | | | |
| Peg | CG | 90 | | 58 | 52 | | | | | | | 59 | 52 | | | | | | 59 | 53 | | | | | | 60 | 54 | 47 | | | | | | 54 | |
| Peg | DF | L10 | | | | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | DH | RR | | | | | | | 60 | 62 | | | | | | | | | | 56 | 58 | 60 | | | | | | | | | | | | | |
| Peg | GH | E10S | | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | IP | K10 | | 61s | | | 62s | | 59 | 62s | | 60 | | | 61 | | 58s | 61 | | 59s | | 57 | 60s | | 57 | 60s | 55s | 58 | | 56s | 58 | 53 | | 56s | |
| Per | AY | L10 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | LX | L10 | | | | | | | | | | | 3 | | | | 5s | | | | | | | | | | | | | | | | | | 13s |
| Sge | SY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | VY | RR | 44 | | 58 | | | 44 | | 58 | | | 44 | | 58 | | | 44 | | 58 | | | 43 | | 58 | | | 43 | | 57 | | 46 | | 43 | |
| Ser | AN | 90 | | | | | 37 | 41 | 46 | 50 | 55 | 59 | | | | | | | | 38 | 42 | 47 | 51 | 55 | 60 | | | | | | 39 | 43 | | 47 | |
| Ser | BH | 90 | 63 | 49 | 36 | | 54 | 41 | | 58 | 45 | | 62 | 49 | 36 | | 53 | 40 | | 57 | 44 | | | | 48 | | 53 | 40 | | 57 | 44 | | | | |
| Ser | EG | L10 | | 79 | | | | | | | | | | | | 74 | | | | | | | | | 68 | | | | | | | | | | |
| Ser | LX | K10 | 35+ | 46+ | 41+ | 36+ | 47 | 42+ | 37+ | 48 | 43+ | 38+ | 49 | 44+ | 39+ | 50 | 45+ | 40+ | 51 | 46 | 41+ | 52 | 47 | 42+ | 37+ | 48 | 43+ | 38+ | 49 | 44+ | 39+ | 50 | | 45 | |
| Sex | T | 90 | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | | | | |
| UMa | W | S10 | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | |
| UMa | RV | RR | | | | | 59 | 52 | 46 | 39 | | | 61 | 54 | 48 | 42 | | | | | | | 57s | | | | | | | | | | | | |
| UMa | RW | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UMa | TU | RR | | | | 45 | 56 | | | | 47 | | | | | | | | | | 39 | 50 | | | | | 41 | 52 | | | | | | | |
| UMa | TX | S10 | | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UMi | W | S10 | | | | | 37 | | | | 48 | | | | | | 58 | | | | | | | | | | | | | | | | | | 59 |
| Vir | ST | 90 | 50 | | 56 | 38 | | 43 | | 49 | | 54 | 36 | | 42 | | 47 | | | | | | 53 | | | | | | | | | | | | 49 |
| Vir | AG | E10D | | | | 53s | 49 | 46s | 42 | 39s | | | | | | 53s | 49 | 45s | 42 | 38s | | | | | | | | | 49 | 45s | 42 | | | | 38s |
| Vir | AH | S10 | 52 | 54s | 35+ | 37 | 39s | 41 | 43s | 45 | 47s | 49 | 50s | 52 | | | 38 | 40s | 41 | 43s | 45 | 47s | 49 | 51s | | | | 38 | 40s | 42 | 44s | 46 | | 47s | |
| Vir | AT | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vir | AV | 90 | | 40 | | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vir | CG | E10S | 57 | 51 | 44 | 38 | | | | | 59s | 52s | 39s | | | | 60 | 54 | | | | | | | | | | | | | | | | | 50 |
| Vul | Z | S10 | 45 | | | | | | | 59s | | | | | | | 50s | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | 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 | 77 | 78 | 79 | | |

| 2012 Mai | | | 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 | RR | E10S | | | | | | | | | | | | | | | | | | 48 | | | | | 53 | | | | | 58 | | | |
| Vul | BN | 90 | 53 | | | 50 | | | 47 | | | 44 | | 41 | 60 | | | | 57 | | | 54 | | | 51 | | | 48 | | 46 | | | |
| Vul | DR | E10X | | | | | 57 | 59 | | | | | | | 58 | 59 | | | | | | | | | 58 | 59 | | | | | | | |
| Vul | EV | E10S | | | 48 | | | | | | | 53s | | | | | | | 59 | | | 41 | | | | | | | 47s | | | | |
| JD | 560 | .. | 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 | 77 | 78 | 79 |

| 2012 Jun | | | 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 | |
|----------|-------|------|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|--|
| And | SW | RR | | | | | | | | | | | 59 | | | | 57 | | | | 55 | | | | 53 | | | | 51 | | | 60 | |
| And | SY | L10 | | | | | | | | | | | 6\ | 11 | 16/ | | | | | | | | | | | | | | | | | | |
| And | TW | S10 | | | | | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| And | XX | 90 | | | | | 54 | | | | | 59 | | | | | | | 55 | | | | | | 60 | | | 50 | | | | | |
| And | CD | L10 | | | | | | 46\ | \ | 52s | / | 59/ | | | | | | | | | | | | | 68\ | \ | 74 | / | 81/ | | | | |
| And | OV | 90 | | | | 60 | 54 | 48 | | | | | 60 | 54 | 48 | | | | | | | 60 | 54 | 48 | | | | | | 60 | 54 | 48 | |
| Aqr | SW | RR | 59 | 51 | | | | | 56 | 48 | | | | | 53 | | | | | | 59 | 50 | | | | 56 | 48 | | | | | 53 | |
| Aqr | SX | 90 | | | | 52 | 59 | | | | | | 48 | 55 | | | | | | | | | | | | | | 48 | 55 | | | | |
| Aqr | CD | E10S | | | 47 | | | | 31 | | | | | 15 | | | | 99 | | | | | 83 | | | | | | | | | | |
| Aqr | HH | 90 | | | | | | | | | | | | | | | | 57 | | | | 59 | | | | | | | | | | | |
| Aqr | LL | L10 | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | 47 | | | |
| Aql | AA | RR | 49 | 57 | | | | 55 | | | | 53 | | | | 51 | 60 | | | | 49 | 58 | | 47 | 56 | | | 45 | 53 | | | 43 | |
| Aql | V341 | 90 | | 47 | | | | 52 | | | | 56 | | | 45 | | | | 50 | | | | 55 | | | 44 | 59 | | | 48 | | | |
| Aql | V889 | L10 | 4 | | | 98 | | | | | | | | 16 | | | | 10 | | | | | | | 28 | | | | 22 | | | | |
| Aql | V1353 | E10S | 41s | | 54 | | | | | 49s | | | | | 44 | | 56s | | | | 39s | 51 | | | | 46s | | | 59 | | | 42 | |
| Aql | V1426 | E10S | 65 | 82 | 0 | | 17 | 35 | 52 | 70 | 87 | | 5 | 22 | 40 | 57 | 75 | 92 | | 10 | 27 | 45 | 62 | 80 | 97 | | 15 | 32 | 50 | 67 | 85 | | |
| Aql | V1430 | E10S | | | | 54 | 41 | | | | | | 53 | 40 | | | | | | | 52 | 39 | | | | 51 | 38 | | | | | | |
| Ari | RS | L10 | | | | | | | | | | | 32 | | | | 72s | | | | | 13 | | | | 53s | | | | 93 | | | |
| Aur | V432 | E10S | | | | | | | | | | | | | | | | | | | | | | | 58 | | | | | | | | |
| Boo | RS | RR | | 45 | 58 | | 47 | 60 | | 49 | | | 51 | | 39 | 53 | | 41 | 54 | | | 43 | 56 | | 45 | 58 | | 47 | | | 49 | | |
| Boo | TW | 90 | 54 | 60 | | | | | 39 | 46 | 52 | 59 | | | | 38 | | 44 | 51 | 57 | | | | | | 43 | 49 | 55 | | | | | |
| Boo | UU | 90 | 42 | | | | 53 | 44 | | | | 56 | 47 | 38 | | | 58 | | | | | | 52 | 44 | | | | 55 | 46 | 38 | | | |
| Boo | UY | 90 | | 54 | | 49 | | 44 | | 40 | | | | | | | | | 51 | | 46 | | 42 | | | | | | | | | | |
| Boo | AC | E10D | 47 | 53 | 41+ | 47s | 53s | 41+ | 47 | 52 | 40+ | 46s | 52s | 40+ | 46 | 51 | 40+ | 45s | 51s | 39+ | 45 | 51 | 39+ | 44s | 50s | 38+ | 44 | 50 | 38+ | 44s | 49s | 55s | |
| Boo | CM | 90 | | 44 | | | | | | 53 | | | | | 40 | | | 45 | | | 49 | | | 54 | | | | | 41 | | | 45 | |
| Boo | CQ | 90 | 49 | | 46 | 59 | 43 | 56 | 41 | 53 | 38 | 51 | | 48 | | 45 | | 43 | 55 | 40 | 53 | | 50 | | 47 | | 45 | | 42 | | 39 | 52 | |
| Boo | CS | 90 | | | 38 | 49 | | | | | 47 | 58 | | | | 45 | 56 | | | | | | | | 41 | 52 | | | | | 39 | 50 | |
| Cam | SS | E10S | 87 | | | 28s | | 69 | | | 10s | | 51 | | 93s | | | 34 | | 75s | | | 16 | | 57s | | 98 | | | 39s | | 81 | |
| Cam | SV | S10 | 49 | | | 45 | | | 42 | 60 | | 38 | 57 | | 53 | | | | 50 | | | 46 | | | 43 | | | 40 | 58 | | | 55 | |
| Cam | AK | E10S | | | | | | | | 58 | | | | | | | | | 48 | | | | | | | | | | 39 | | | | |
| JD | 560 | .. | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | |
| JD | 561 | .. | | | | | | | | | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | |

| 2012 Jun | | 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 |
|----------|------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cam AN | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | |
| Cam AT | E10S | | | 47s | | 56 | | | | | 45s | | 54 | | | | | 43s | | 52 | | | 41s | | | 50 | | 59s | | | |
| Cnc RW | 90 | | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc RZ | L10 | 7 | 69/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVn W | 90 | | 45 | 56 | | | | 42 | 52 | | | 38 | 49 | 59 | | | | 45 | 56 | | | | 42 | 52 | | | | 39 | 49 | | |
| CVn Z | 90 | | 57 | | 54 | | 50 | | 46 | | 42 | 38 | | | | | | | 58 | | 54 | 50 | | 46 | | | 42 | | 38 | | |
| CVn RS | S10 | | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | |
| CVn RZ | 90 | | 42 | 55 | | | 39 | 52 | | | | 50 | | | | | | | | | | 41 | 55 | | | | 38 | 52 | | | |
| Cas RX | L10 | | | | | | | | | | | | 43s | | | / | / | | | | | | | | | | | | 60 | / | / |
| Cas RZ | S10 | | 55 | | | | | | 53 | | | | | | | 50 | | | | | | | | | | 48 | | 46 | | | |
| Cas SX | L10 | | | | 70\ | \ | 53 | / | 36/ | | | | | | | | | | | | | 98\ | \ | 81s | / | | 64/ | | | | |
| Cas TV | S10 | | 59 | | 40 | | | | | | | | 46 | | | | | | | | | 53 | | | | | | | | | |
| Cas TW | S10 | | | | | 51 | | | | | | | | | | | | | | | | | | | 51 | | | | | | |
| Cas TX | E10S | | | | | | | | | | | | | | 54s | | | 46s | | | | | | | 39s | | | | | | |
| Cas AQ | L10 | | | 18\ | 24s | 29/ | | | | 4\ | 10 | 15/ | | 90\ | 96s | / | 1/ | | | | | 76\ | 82 | 87/ | | | 62\ | 68s | 73/ | | |
| Cas DN | E10S | 44s | 59 | | | | | | | 53 | | | | | | | | | | | | | | | | | | | | | |
| Cas GG | E10S | | | | | | | | | | | | | | 50 | | | | | | | | | 39 | 55s | | | | | 53 | |
| Cas GU | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas IL | E10S | | | | | | | | | | | 54 | | | | | | | | | | | | | 45 | | | | | | |
| Cas IT | E10X | | | | | | | | | | | | | | | 52 | | | 41 | | 56 | | | | 46 | | | | | | |
| Cas PV | E10X | 54 | | | | | | | 54 | | | | | | | | 54 | 38 | | | | | 54 | 38 | | | | | 54 | 38 | |
| Cas V368 | E10S | | | | | | | | | | | | | 55 | | | | | | | | | 45 | | | | | | | | |
| Cas V375 | E10D | | | 38s | | 59 | | | | 53 | | 48 | | | 43 | | | | | | | | 53s | | | 48s | | | 42s | | |
| Cas V381 | E10X | | | | 48 | | | | | | | 47 | | | | | | 45 | | | | | | | | 55 | 43 | | | | |
| Cas V459 | L10 | 2 | | | | 31 | | | | | 47 | | | | | | | 93 | | | | | 22 | | | | 39 | | | 68 | |
| Cep RZ | 90 | 41 | | 57 | 50 | 42 | | 58 | 51 | 44 | | 60 | 52 | 45 | | | 53 | 46 | 39 | | 55 | 47 | 40 | | 56 | 48 | 41 | 57 | 50 | 42 | |
| Cep VW | S10 | 48 | 45+ | 43+ | 40+ | 51s | 49 | 46+ | 44+ | 41+ | 38+ | 50 | 47s | 45+ | 42+ | 39+ | 51 | 48s | 45+ | 43+ | 40+ | 38+ | 49s | 46+ | 44+ | 41+ | 39+ | 50s | 47 | 45+ | 42+ |
| Cep XY | E10S | | | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| Cep ZZ | S10 | | | 40 | | 54 | | | | | | | | | | | | | 39 | | 53 | | | | | | | | | | |
| Cep AI | E10S | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | 38 | | 50s | |
| Cep CW | E10X | | | | 50 | | | | | | | | | | | 41 | | | | | | | | 60 | | | | | | | 48 |
| Cep EI | L10 | | | | 28s | | | | | 50 | | | | | | | 94 | | | | | | 16s | | | 38 | | | | 60s | |
| Cep EX | L10 | | | | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cep NN | E10S | | | | | | 38 | 41s | 44 | 47s | 49 | 52s | 55 | 58s | | | | | | | | | | | | | | | | | |
| Com S | 90 | | | 44 | | | 38 | | | | 48 | | | | | 41 | | | | | | | | 39 | | | | | | | 43 |
| Com ST | 90 | 48 | | | 47 | | | | 47 | | | | | | | | 45 | | | | | | 44 | | 44 | | | | 43 | | |
| CrB U | S10 | | | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CrB RV | 90 | 58 | 57 | 57 | 56 | 56 | 55 | 55 | 54 | 54 | 53 | 53 | 52 | 52 | 51 | 51 | 50 | 50 | 49 | 49 | 48 | 48 | 47 | 47 | 46 | 46 | 45 | 45 | 44 | 44 | 43 |
| Cyg UY | RR | 56 | | | | 48 | 60 | | | 41 | 53 | | | | 45 | 58 | | | | | | | | 43 | 55 | | | | 47 | 59 | |
| JD 560 | .. | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | |
| JD 561 | .. | | | | | | | | | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |

| 2012 | Jun | | 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 | |
|------|-------|------|-----|----|-----|-----|----|-----|-----|----|-----|----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|-----|----|
| Cyg | XZ | RR | 50 | 43 | | | | 56 | 50 | 43 | | | | | 56 | 49 | 43 | | | | | | 56 | 49 | 43 | | | | 56 | 49 | 43 | | |
| Cyg | BO | E10S | | 50 | | | | | | 52 | | | | | | | 55 | | | | | | 56 | 49 | 43 | | | | | | 60 | | |
| Cyg | BR | E10S | 41 | | | | 40 | | | 40 | | | | 40 | | | | 40 | | | | | 39 | | | | 39 | | | 39 | | | |
| Cyg | DM | RR | 56 | 40 | | 50 | | 60 | 44 | | 54 | 38 | | 48 | | 58 | 42 | | | | | 46 | | 56 | 40 | | 50 | | 60 | 43 | | 53 | |
| Cyg | EM | K10 | | | | | | | | | | | | | | | | | | | | 59 | | | | | | 57 | | | | | |
| Cyg | V367 | L10 | \ | 54 | / | / | | | | | \ | \ | 84s | / | / | / | | | | | \ | \ | \ | 14 | / | / | | | \ | \ | 44s | | |
| Cyg | V463 | E10S | | | | | | | | | | | | | | 49 | | 60 | | | | | | | | | | | | | | | |
| Cyg | V477 | | 44 | | | | | | | 48 | | | | | | | | 52 | | | | | | | 56 | | 60 | | | | 60 | | |
| Cyg | V541 | L10 | | | | | | 89 | | | | | | | | | 20 | | | | | | | 23 | | | | | | | 54 | | |
| Cyg | V548 | E10S | 41 | | | | | | | | | 43 | | | | | | | | | | 46 | | | | | | | 48 | | | | |
| Cyg | V788 | L10 | | | | | | | | | | | | | | 38\ | | 34 | 30/ | | | | | | | | | | | | | | |
| Cyg | V891 | E10S | | | 59 | | 49 | | 40 | | | | | | | | | | | | | | | | 55 | | | 46 | | | | | |
| Cyg | V909 | E10S | | | | | 45 | | | | | | | 46s | | | | | | | | | | | | | | 49s | | | | | |
| Cyg | V1061 | E10S | | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | | | |
| Cyg | V1918 | E10D | | | | | | 60s | | | | | | 59 | | | | | | | | 58s | | | 58 | | | | | | | 57s | |
| Del | DX | 90 | 55 | 50 | 44 | | | | | | 58 | 53 | 48 | 42 | | | | | | | | 56 | 51 | 45 | 40 | | | 60 | 54 | 49 | 43 | 38 | |
| Del | NN | L10 | | | | | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dra | RW | RR | 42 | | | 52 | 41 | | | 51 | 40 | | | 50 | 38 | | 60 | 48 | | | | 58 | 47 | | 57 | 45 | | | 55 | 44 | | | |
| Dra | SU | RR | | 57 | | 56 | | 54 | | 52 | | 50 | | 48 | | 46 | | 44 | | | | 43 | | 41 | | 39 | | | | | | | |
| Dra | SW | RR | 48 | | | | 47 | | | | 46 | 60 | | | 45 | 59 | | | 43 | 57 | | | | | 41 | | | 55 | | | 40 | 54 | |
| Dra | TZ | E10D | | | 54 | 41 | | | | | | 47 | | | | | | 53 | 40 | | | | | 60 | 46 | | | | | 53 | 39 | | |
| Dra | VZ | 90 | 38 | | 59 | 55 | | 52 | 48 | 44 | 40 | | | | 58 | 54 | 50 | 47 | 43 | 39 | | | | 60 | 57 | 53 | 49 | 46 | 42 | 38 | | 59 | |
| Dra | WW | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dra | XZ | RR | | 59 | 54 | 49 | 45 | 40 | | | | | | 59 | 55 | 50 | 45 | 41 | | | | | | | 60 | 55 | 51 | 46 | 41 | | | | |
| Dra | AI | S10 | | | | | | 41 | 60 | | | | | 40 | 60 | | | | | | | 39 | 59 | | | 39 | 59 | | | | | 38 | |
| Dra | BF | | | | | | | | | 25 | | | | | | | | | | | | | 46 | | | | | | | | | | |
| Dra | BK | 90 | 47 | | | 43 | | | 39 | 58 | | | 54 | | | 50 | | | | | | | 46 | | | | 60 | | 38 | 56 | | 52 | 49 |
| Dra | BU | E10S | | | | | | | | | | | 58 | | | 41 | | | | | | | 42 | | | | | | | | | | |
| Dra | EX | K10 | | | | | | | | | | | | | | 60s | | 59 | | | 59s | | 58 | | 58s | | 57 | 57s | | 56 | | 56s | |
| Dra | GV | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equ | S | S10 | | | | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gem | U | K10 | | | | | | | | | | | | | | | | | | | | | | 58 | | | 58 | | | 60 | | 54 | |
| Gem | V339 | E10U | | | | | | | | | | | | | | | | | | | | | | | | 59 | | | | | | | |
| Her | TW | RR | | 46 | | 46 | | 46 | | 45 | | 45 | | 45 | | 45 | | 45 | | | | 44 | | 44 | | 44 | | 44 | | 43 | | 43 | |
| Her | TX | S10 | | | | | | | | | | | | | 38s | 41 | 44s | 47 | 50s | 53 | 56s | 59 | | | | | | | | | | | |
| Her | UX | E10D | | | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Her | VX | RR | 58 | 49 | 40 | | | 59 | 50 | 41 | | | 59 | 51 | 42 | | | 60 | 51 | 43 | | | | | | 52 | 43 | | | 53 | 44 | | |
| Her | VZ | 90 | | 50 | 38 | | 58 | 46 | | | 54 | 42 | | | 50 | 39 | | 59 | 47 | | | | | | | | 43 | | | 60 | 48 | | |
| Her | AK | S10 | 48s | 53 | 58s | 43s | 48 | 53s | 38+ | 43 | 49s | 54 | 38+ | 44s | 49 | 54s | 39+ | 44 | 49s | 55 | 39+ | 44s | 50 | 55s | 40s | 45 | 50s | 56 | 40 | 45s | 51 | 56s | |
| JD | 560 | .. | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | |
| JD | 561 | .. | | | | | | | | | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | |

| 2012 | Jun | | 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 | |
|------|------|------|-----|-----|----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|--|
| Her | AR | 90 | | | 59 | 53 | 47 | 41 | | | | | 58 | 52 | 46 | 40 | | | | | 57 | 51 | 45 | 39 | | | | | 56 | 50 | 44 | 38 | |
| Her | AW | L10 | | | 18 | | | | | | | | 99 | | | | | | | | 79 | | | | | | | | | | 59 | | |
| Her | DI | L10 | | | | 29 | | 72 | | | | | | | 84 | | | | 27 | | | | | | 39 | | | 82 | | | | | |
| Her | GU | E10U | | | 46 | | | | | | | | | | | | | 49 | | | | | | | | | | | | | 52 | | |
| Her | LV | | | | | | | 74 | | | | | | | | | | | | | | | | | | 18 | | | | | | | |
| Lac | RW | L10 | | | | | | 2 | | | | | 27 | | | | | 39 | | | | | 64 | | | | | 76 | | | | | |
| Lac | SW | S10 | 49s | 45s | 57 | 53 | 50 | 46 | 58s | 54s | 51s | 47s | 43+ | 55 | 51 | 48 | 44+ | 40+ | 52s | 49s | 45s | 41+ | 53 | 49 | 46 | 42+ | 38+ | 50s | 47s | 43+ | 39+ | 51 | |
| Lac | UW | E10S | | | | | 66 | | | | | | | | | | | 24 | | | | | 53 | | | | | 82 | | | | | |
| Lac | CO | E10X | | | | 42 | | | 50 | | | 58 | | | | 44 | | | | 52 | | | 38 | | | 46 | | | | | 55 | | |
| Lac | CZ | 90 | 58 | 44 | | | 47 | | | 49 | | | 52 | 38 | | 54 | 41 | | | 57 | 43 | | 59 | 46 | | | 48 | | | 51 | | 53 | |
| Lac | V345 | E10X | | | 63 | | | 27 | | | | | 12 | | 76 | | | | | | | | 25 | | | | | | 11 | | 75 | | |
| Lac | V364 | E10X | | | | | | | | | | | | | | | | | | | | | | | | 41 | | | | | | | |
| Leo | RR | RR | | | 41 | | | | | 39 | | | | | | | | | | | | | | | | | | | | | | | |
| Leo | SS | RR | | | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leo | ST | RR | | | | | | | 42 | | | | | | | | | | | 41 | | | | | | | | | | | | | |
| Leo | AM | S10 | 40s | | 41 | | 42s | | | | | | | | | 38 | | | | | | | | | | | | | | | | | |
| Lyn | TY | E10S | | | | | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | |
| Lyr | RR | RR | | | 49 | | | 46 | 60 | | | 43 | 56 | | | 40 | 53 | | | | | 50 | | | | 47 | 60 | | 44 | 57 | | | |
| Lyr | RZ | 90 | 52 | 54 | 56 | 58 | | | | | | | | | | | | | | | 39 | 41 | 43 | 45 | 48 | 50 | 52 | 54 | 57 | 59 | | | |
| Lyr | UZ | S10 | | | 52 | 42 | | | | | | | | | | | | | | | | 55 | | 44 | | | | | | | | | |
| Lyr | CN | 90 | | 58 | 40 | | 46 | | 51 | | 57 | 39 | | 45 | | 51 | | 56 | 39 | | | 44 | | 50 | | 56 | 38 | 44 | 49 | | 55 | | |
| Lyr | EZ | RR | 51 | 56 | | | | | | | 39 | 44 | 49 | 54 | 59 | | | | | | | | 42 | | 47 | 52 | 57 | | | | 40 | | |
| Lyr | IO | 90 | | | 49 | | | | 53 | | 41 | | 57 | | | 45 | | | | | 49 | | | 38 | 53 | | 42 | 57 | | 46 | | | |
| Lyr | beta | S10 | | | 2 | | | | | | 49s | | | | | | 96 | | | | | | | | 43s | | | | 90 | | | | |
| Mon | EZ | E10U | | | | | | | | | | | | | | | 59 | | | | | | | | | | | | | | | | |
| Mon | V536 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | |
| Oph | RZ | L10 | | 25\ | \ | \ | \ | \ | 49 | / | / | / | / | 73/ | | | | | | | | | | | | | | | | | | | |
| Oph | ST | 90 | 54 | 44 | | | 59 | 49 | 39 | | | 54 | 44 | | 60 | 50 | | 40 | | | | 55 | 45 | | | 50 | 40 | | 56 | 46 | | | |
| Peg | U | S10 | | | 60 | | | 60 | | | 60 | 54s | | 60 | 54s | | 60 | | 53s | | | 59 | 53s | | 59 | 53s | 59 | 53s | | 59 | 53s | 59 | |
| Peg | VV | RR | 57 | 55 | 52 | 50 | 48 | | | | | | | | | | | | | | | | 59 | 57 | 55 | 52 | 50 | 48 | 45 | 43 | 41 | | |
| Peg | VW | | | 86 | | | | | | | | | | | | | | | | | | | | | | 93 | | | | | | | |
| Peg | AV | RR | | | | | | | | | | 60 | | | | | | | | | | | | | | | | 60 | | 55 | | | |
| Peg | AW | L10 | | | | | 86 | | | | | | | | | | | 48 | | | | | | | | | | | 10 | | | | |
| Peg | BH | 90 | | | | 54 | | | | | | | 59 | | 51 | | | | | | | | | | | | 49 | | | | | 54 | |
| Peg | BK | E10S | | | | | | | 58 | | | | | | | | | | | | | | | | | | | | | | | 54 | |
| Peg | CG | 90 | 48 | | | | | | 55 | 48 | 42 | | | | | 56 | 49 | 43 | | | | | | 56 | 50 | 43 | | | | 57 | 51 | 44 | |
| Peg | DF | L10 | | | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | DH | RR | | | | | | | 51 | 53 | 56 | 58 | 60 | | | | | | | | 48 | 50 | 52 | 54 | 57 | 59 | | | | 46 | 49 | 51 | |
| Peg | GH | E10S | | | | | | | | | | | | 48 | | | | | | | | | | | | | | | | | | | |
| JD | 560 | .. | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | | | | | | | | | | | |
| JD | 561 | .. | | | | | | | | | | | | | | | | | | | | | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | |

| 2012 | Jul | | 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 | 49 | | | 58 | 47 | | | 56 | 45 | | | 54 | 43 | | | 52 | 41 | | | 51 | | | 60 | 49 | | 58 | 47 | | | 56 | | |
| And | SY | L10 | | | | | | | | | | | | | | 97\ | | \ | 2 | | 6/ | | | | | | | | | | | | | |
| And | TW | S10 | | | | | | | | 53 | | | | | | | | | | | | | | | | | | | | | | | | |
| And | XX | 90 | 55 | | | 45 | | | | | | 51 | | | | 56 | | 46 | | | | | 51 | | 41 | | 57 | | | 47 | | | | |
| And | CD | L10 | | | | | | | | | | 90\ | \ | 97s | / | / | 3/ | | | | | | | | | | | | 12\ | \ | 19 | | | |
| And | OV | 90 | 42 | | | | | 60 | 54 | 48 | 42 | | | | | 60 | 54 | 48 | 42 | | | | 60 | 54 | 48 | 42 | 37 | | | | 60 | 54 | | |
| Aqr | SW | RR | 45 | | | | 58 | 50 | 42 | | | | 55 | 47 | 39 | | | 60 | 52 | 44 | | | | 57 | 49 | 41 | | | 55 | 46 | 38 | | | |
| Aqr | SX | 90 | | | 45 | 52 | 59 | | | | | 41 | 48 | 55 | | | | | | 45 | 52 | 59 | | | | 41 | 48 | 55 | 62 | | | | | |
| Aqr | CD | E10S | 50 | | | | | 34 | | | | | 18 | | | | | 1 | | | | | | | | 69 | | | | 53 | | | | |
| Aqr | HH | 90 | | | | 52 | | | | 54 | | | | | 57 | | | 59 | | | | 46 | 61 | | 48 | | | 50 | | | | | | |
| Aqr | LL | L10 | | | | | | | | | | | | | | | | | 65 | | | | | | | | | | | | | | | |
| Aql | AA | RR | 51 | 60 | | 41 | 49 | 58 | | 39 | 47 | 56 | | | 45 | 54 | | | 43 | 52 | 60 | | 41 | 50 | 58 | 39 | 48 | 56 | | 37 | 46 | 54 | 43 | |
| Aql | V341 | 90 | | 53 | | 42 | | 58 | | | 47 | | | | 51 | | | 40 | 56 | | | 45 | 60 | | 49 | | | 38 | 54 | | | | | |
| Aql | V889 | L10 | | | | 40 | | | | 34 | | | | | | 52 | | | | | 46 | | | | | | 64 | | | | 58 | | | |
| Aql | V1353 | E10S | | 54s | | | | | 49 | | | | | 44s | 56 | | | 39 | | 52s | | | | | 47 | | 59s | | 42s | | | 54 | | |
| Aql | V1426 | E10S | 2 | 20 | 37 | 55 | 72 | 90 | | 8 | 25 | 43 | 60 | 78 | 95 | | | 30 | 48 | 65 | 83 | | 0 | 18 | 35 | 53 | 70 | 88 | 5 | 23 | 40 | 58 | | |
| Aql | V1430 | E10S | | 50 | | | | | | | 49 | | | | | | | 48 | | | | | | 59 | 47 | | | | 58 | 46 | | | | |
| Ari | X | RR | | | | | | | | | | | | | | 61 | | | | | | | | | | | | | | 58 | | | | |
| Ari | RS | L10 | | | 33s | | | | 73 | | | | | 13s | | | | 53 | | | | 94s | | | 34 | | | | | 74s | | | | |
| Aur | TZ | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | | | | | |
| Aur | CQ | L10 | | | | | | | | | | | | | | | | | | | | | | | | | 99 | | | | | | | |
| Aur | V432 | E10S | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | 56 | | | | | |
| Boo | RS | RR | 51 | | 39 | 52 | | 41 | 54 | | 43 | | | 45 | | | 47 | | | 49 | | 37 | 50 | | 39 | | 41 | | 43 | | | | | |
| Boo | TW | 90 | | 41 | 47 | 54 | | | | | | 39 | 46 | 52 | | | | | | 38 | 44 | 51 | | | | | 36 | 43 | 49 | | | | | |
| Boo | UU | 90 | 58 | 49 | 40 | | | | 52 | 43 | | | | 54 | 46 | 37 | | | | 48 | 40 | | | | 51 | 42 | | | 53 | 45 | 36 | | | |
| Boo | UY | 90 | | | | 43 | | 39 | | | | 39 | | | | | | | | 41 | | | | | | | | | | | | | | |
| Boo | AC | E10D | 43 | 49 | 55 | 43+ | 49s | 54s | 42+ | 48 | 54 | 42+ | 48s | 53s | 42+ | 47 | 53 | 41+ | 47s | 53s | 41+ | 46 | 52 | 40+ | 46s | 52s | 40+ | 46 | 51 | 39+ | 45s | 51s | 39 | |
| Boo | CM | 90 | | | 50 | | | | | | | | 42 | | | 46 | | | | | | | | | 38 | | 43 | | | | | | | |
| Boo | CQ | 90 | | 49 | | 47 | | 44 | | 41 | | 39 | | | 49 | 46 | | | | 43 | 41 | | 38 | | | | 45 | | 43 | | 40 | | | |
| Boo | CS | 90 | | | | 48 | | | | | | 46 | | | | | 44 | | | | 42 | | | | | 40 | | | | | | 38 | | |
| Cam | SS | E10S | | | 22s | | 63 | | | 4s | | 45 | | 86s | | | 27 | | 69s | | | 10 | | 51s | | 92 | | 33s | | 74 | | | | |
| Cam | SV | S10 | | | 51 | | | 48 | | | 44 | | | 41 | 59 | 37 | | 56 | | | 53 | | | 49 | | 46 | | | 42 | 61 | | | 39 | |
| Cam | AK | E10S | | | | | | | 53 | | | | | | | | | 43 | | | | | | | | | | 57 | | | | | | |
| Cam | AN | | | | | | | 23 | | | | | | | | | | | | | | | | | 62 | | | 23 | | | | | | |
| Cam | AT | E10S | 39s | | 48 | | 57s | | | | | 46 | | 55s | | | | 44 | | 53s | | | | | 42 | | 51s | | 61 | | | | 40 | |
| CVn | W | 90 | | | | 46 | 56 | | | | 42 | 52 | | | | 39 | 49 | | | | | 46 | | | | 42 | | | | | 39 | | | |
| CVn | Z | 90 | | | | | | | | | | 50 | | 46 | | 42 | | 39 | | | | | | | | | | | | 46 | | | | |
| CVn | RZ | 90 | | 49 | | | | 46 | | | | 43 | | | | 41 | | | | | 38 | | | | | | | 46 | | | | | | |
| Cas | RX | L10 | / | / | | | | | | | | \ | \ | \ | \ | 76s | / | / | / | / | | | | | | | \ | \ | \ | \ | 93 | / | | |
| JD | 561 | .. | 10 | 11 | 12 | 13 | 14 | 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 | |

| 2012 | Jul | | 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 | RZ | S10 | | 43 | | | | | | 41 | 60 | | | | | 38 | 58 | | | | | | 56 | | | | | 53 | | | | | | | |
| Cas | SX | L10 | | | | | | | | | | | 27\ | \ | 9 | 92/ | | | | | | | | | | | | | | 55\ | \ | 38s | | | |
| Cas | TV | S10 | 59 | | 40 | | | | | | | | | | 46 | | | | | | | | 53 | | | | | | | | | | | | |
| Cas | TW | S10 | | | | | 51 | | | | | | | | | | 50 | | | | | | | | 50 | | | 36 | | | | | | | |
| Cas | TX | E10S | | | 56 | | | 49 | | | 41 | | | | | | | | | | | | 59s | | 51s | | | 44s | | | | 37s | | | |
| Cas | AQ | L10 | | 48\ | 54 | 59/ | | | | 34\ | 40s | 45/ | | | | 21\ | 26 | 31/ | | | | 7\ | 12s | 17/ | | 93\ | 98 | / | 3/ | | | 79\ | | | |
| Cas | BM | L10 | | | | | | | | | | | | | | | | | | | | \ | | | | | | | | | | | | | |
| Cas | DN | E10S | 48s | | | | | | | 41s | 57 | | | | | | | 50 | | | | | | | 43 | 59s | | | | 37 | | 52s | | | |
| Cas | GG | E10S | | | | | | | | | | | | | | | 57 | | | | | | | | | | | | 60 | | | | | | |
| Cas | GU | E10U | | | | | | | | | | | | | | | | | | | | | 45 | | 54 | | | | | | | | | | |
| Cas | IL | E10S | | | | | | | | | | | | | 61 | | | | | | | | | | | | | 42 | | | | | | | |
| Cas | IT | E10X | | | | | | | | | | | | | | | | | | | 59 | | | | 48 | | | 38 | | 53 | | | | | |
| Cas | OX | E10X | | | | | | | | | 60 | | | | | | 57 | | | | 55 | | | | 53 | | | | | 51 | | | | | |
| Cas | PV | E10X | | | | | | 55 | 38 | | | | | | | 55 | 38 | | | | | 55 | 38 | | | | | 55 | 39 | | | | | | |
| Cas | V368 | E10S | | | | | | | | | | | | | | | | | | | | | | | 61 | | | | | | | | | | |
| Cas | V375 | E10D | | | 58 | | | 53 | | | 47 | | | 42 | | 37 | | | 58s | | | 52s | | | 47s | | 42s | | | 37s | | 58 | | | |
| Cas | V381 | E10X | 54 | 42 | | | | | | 52 | 40 | | | | | | 50 | 38 | | | | | | 49 | 37 | | | | 61 | 47 | | | | | |
| Cas | V459 | L10 | | | | 85 | | | | | 14 | | | | | 31 | | | 60 | | | | 76 | | | | 6 | | | 22 | | | | | |
| Cep | RZ | 90 | | 58 | 51 | 44 | | 60 | 52 | 45 | | 61 | 53 | 46 | 39 | | 55 | 47 | 40 | | 56 | 48 | 41 | | 57 | 50 | 42 | | 58 | 51 | 43 | 36 | 59 | | |
| Cep | VV | S10 | 40+ | 51s | 48 | 46+ | 43+ | 41+ | 38+ | 49 | 47s | 44+ | 42+ | 39+ | 50 | 48s | 45+ | 41 | 42+ | 40+ | 37+ | 49s | 46+ | 43+ | 41+ | 38+ | 36+ | 47+ | 44+ | 42+ | 39+ | 37+ | 48+ | 45+ | |
| Cep | XX | S10 | 39 | | | | | | | 40 | | | | | | | | | | | | | | 42 | | | | | | 43 | | | | | |
| Cep | XY | E10S | | | | | | | | | 50 | | | | | | | | | | | | | | | 37 | | | | | | | | | |
| Cep | ZZ | S10 | | | 39 | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cep | AI | E10S | | | | | | | | | | | | | | | | 40s | | | | | | | | | | | | | | | | | |
| Cep | CW | E10X | | | | 52 | | | | | | | 40 | | | | 43 | | | | | 58 | | | | 62 | | | | | | 50 | | | |
| Cep | EI | L10 | | | 82 | | | | | 4s | | | | 26 | | | | 48s | | | | | 70 | | | 92s | | | | | 13 | | | | |
| Cep | EX | L10 | | 10 | | | | | | | | | | | | | 54 | | | | | | | | | | | | 97 | | | | | | |
| Cep | NN | E10S | | | | | | | | | | | 37 | 40s | 43 | 46s | 49 | 51s | 54 | 57s | 60 | | | | | | | | | | | | | | |
| Cet | RR | RR | | | | | | 60 | | | | | | | | | | | | | | 55 | | | | | | | | 61 | | | | | |
| Cet | TU | E10S | | | | | | | | | | 44 | | | | 83 | | | | | | 22 | | | | 61 | | | | | | | | | |
| Cet | TV | L10 | | | | | | | | | | | | | | | | | | | | 92 | | | | 53 | | | | | | | | | |
| Com | S | 90 | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | |
| Com | ST | 90 | 42 | | | 42 | | | | 41 | | 41 | | | | 40 | | 40 | | | | | 39 | | | 37 | | | | | | | | | |
| CrB | U | S10 | | | | 55 | | | | | | | 46 | | | | | | | | | | | | | | 39 | | 38 | | | | | | |
| CrB | RV | 90 | 43 | 42 | 42 | 41 | 41 | 40 | 40 | 39 | 39 | 38 | 38 | 37 | 37 | | | | | | | | | | | | | | | | | | | | |
| Cyg | UY | RR | | 40 | 52 | | | | | 44 | 56 | | | 37 | 49 | 61 | | 41 | 54 | | | | | | | 46 | 58 | | | 39 | | | | 55 | |
| Cyg | XZ | RR | | | | | 56 | 49 | 42 | | | | | | 56 | 49 | 42 | | | | | | | | | 42 | 36 | | 62 | | | | | | |
| Cyg | BO | E10S | | | | | | | | | 38 | | | | | | | 41 | | | | | | | | | | 43 | | | | | | 46 | |
| Cyg | BR | E10S | | | 39 | | | | | 39 | | | | 38 | | | 38 | | | | | | | | | | | 38 | | | | | | | 37 |
| JD | 561 | .. | 10 | 11 | 12 | 13 | 14 | 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 | | |

| 2012 | Jul | | 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 | | | 47 | | 57 | 41 | | 51 | | 61 | 45 | | 55 | 39 | | 49 | | 59 | 43 | | 53 | 37 | | 47 | | 57 | 41 | | 50 | | 60 | |
| Cyg | EM | K10 | | | | 55 | | 59 | | | | | 54 | | 57 | | 61 | | | | 52 | | 55 | | 50 | | | 54 | | 57 | | 61 | | |
| Cyg | V367 | L10 | / | / | | | | | | \ | \ | 74 | / | / | / | | | \ | \ | \ | 4s | / | / | | | | | \ | \ | 34 | / | / | | |
| Cyg | V463 | E10S | | | 43 | | 54 | | | | | | | | | | | | | | | 37 | | 48 | | 60 | | | | | | | | |
| Cyg | V477 | | | | | | | | | | | | | | | | | | | | 38 | | | | | | | | | | | | | |
| Cyg | V541 | L10 | | | | | | | | 57 | | | | | | | 88 | | | | | | | 91 | | | | | | | | | | 22 |
| Cyg | V548 | E10S | | | | | | | | 51 | | | | | | | | 54 | | | | | | | | 56 | | 37 | | | | | | |
| Cyg | V788 | L10 | | | | | | | | | | 31\ | 26 | 22/ | | | | | | | | | | | | | | | | | | | | |
| Cyg | V891 | E10S | | | | | | | | | | | | | 61 | | 52 | | | | | | | | | | | | | | | | | |
| Cyg | V909 | E10S | | | | 50 | | | | | | 51s | | | | | | 53 | | | | | | | | 54s | | | | | | | 55 | |
| Cyg | V1061 | E10S | | | | | | 45 | | | | | | | 49 | | | | | | | 53 | | | | | | 57 | | | | | | |
| Cyg | V1918 | E10D | 60 | | | | 52s | 56 | 59s | | | | 52 | 55s | 58 | 61s | | | | 51s | 54 | 57s | 61 | | | 50 | 53s | 56 | | 60s | | 49s | 52 | 55s |
| Del | DX | 90 | | | | | 58 | 52 | 47 | 41 | | | | | 61 | 56 | 50 | 45 | 39 | | | | | 59 | 54 | 48 | 43 | 37 | | | | | 57 | |
| Dra | RW | RR | 54 | 43 | | | 53 | 41 | | | | 51 | 40 | | 61 | 50 | 39 | 60 | 49 | 37 | | 59 | 47 | 36 | | 57 | 46 | | | 56 | 45 | | | |
| Dra | SU | RR | | | | | 60 | | 58 | | 56 | | 54 | | 52 | | 50 | | 48 | | 47 | | 45 | | 43 | | 41 | | 39 | | 37 | | | 35 |
| Dra | SW | RR | | | 38 | 52 | | | | | | | | | 50 | | | 49 | | | | 48 | 61 | | | 46 | 60 | | | 45 | 59 | | | |
| Dra | TZ | E10D | | | | | 59 | 45 | | 51 | | | | | 52 | 38 | | | | | 58 | 44 | | | | 51 | | 37 | | | | | 57 | |
| Dra | VZ | 90 | 55 | 52 | 48 | 44 | 41 | | | | | 58 | 54 | 51 | 47 | 43 | 40 | | | 61 | 57 | 53 | 49 | 46 | 42 | 38 | | 59 | 56 | 52 | 48 | 45 | 41 | |
| Dra | WW | S10 | | | | | 45 | | | | | | | | | | | | | | | | | | | | | | 60 | | | | | |
| Dra | XZ | RR | | | 56 | 51 | 46 | 42 | | | | | | 61 | 56 | 52 | 47 | 42 | 38 | | | | | 62 | 57 | 52 | 48 | 43 | 38 | | | | | |
| Dra | AI | S10 | 58 | | | | | 38 | 58 | | | | | 37 | 57 | | | | | | | 56 | | | | 36 | 56 | | | | | | 55 | |
| Dra | BF | | 67 | | | | | | | | | | | | 88 | | | | | | | | | | | 9 | | | | | | | | |
| Dra | BK | 90 | | | 45 | | | 41 | 59 | | | 55 | | | 51 | | | 47 | | | | 43 | | 39 | 58 | | | 54 | | 50 | | | | |
| Dra | BU | E10S | | | | 55 | | | | | 38 | | | | | | | | | | | | | | | | | | 52 | | | | | 35 |
| Dra | EX | K10 | | 55 | 60 | 54s | 59s | 54 | 59 | 53s | 58s | 53 | 58 | 52s | 57s | 52 | 57 | 51s | 56s | 51+ | 55 | 50+ | 55s | 49+ | 54 | 49+ | 54s | 48+ | 53 | 48+ | 53s | 47+ | 52+ | |
| Dra | GV | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equ | S | S10 | | | | | 42 | | | | | | | | | | | | | | | | | 60 | | | | | | | 47 | | | |
| Gem | U | K10 | | 55 | | | 56 | | | | 57 | | 57 | | 52 | 58 | | 53 | 59 | | | 53 | 60 | 48 | 54 | 60 | 49 | 55 | 61 | 50 | 56 | 62 | 50 | 56 |
| Gem | V339 | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Her | TW | RR | | 43 | | 43 | | 43 | | 42 | | 42 | | 42 | | 42 | | 42 | | 41 | 61 | 41 | 61 | 41 | 61 | 41 | 61 | 41 | 61 | 41 | 60 | 40 | 40 | 60 |
| Her | TX | S10 | | | | | | | | | | | | | | | | | 37 | 40s | 43 | 46s | | 49 | 52s | 55 | 58s | | | | | | | |
| Her | UX | E10D | 39 | | | | 49 | | | 59 | | | | | | | | | | | | | 53 | | | | | | | | | | | |
| Her | VZ | RR | | 54 | 45 | | | | | 55 | 46 | | | | 56 | 47 | 38 | | | | | | | | | | | | | | 50 | 41 | | |
| Her | VX | 90 | 56 | 44 | | | 52 | 40 | | 60 | 48 | | | | 57 | 45 | | 53 | 41 | | 61 | 49 | 37 | | | 57 | 46 | | 54 | 42 | | | 50 | |
| Her | AK | S10 | 40s | 46 | 51s | 57 | 41 | 46s | 52 | 57s | 41s | 47 | 52s | 57 | 42 | 47s | 53 | 37+ | 42s | 48 | 53s | 37s | 43 | 48s | 53 | 38 | 43s | 48 | 54s | 38s | 44 | 49s | 54 | |
| Her | AR | 90 | | | | | 55 | 49 | 43 | | | | | | 60 | 54 | 48 | 42 | | | | 59 | 53 | 47 | 41 | | | | | 58 | 52 | 46 | 40 | |
| Her | AW | L10 | | | | | | | | 39 | | | | | | | | | | 19 | | | | | | | 99 | | | | | | | |
| Her | DI | L10 | | | | | 94 | | | 37 | | | | | | | | 49 | | | 92 | | | | | | | | 4 | | 47 | | | |
| Her | GU | E10U | | | | | | | | | | 38s | | 55 | | | | | | | | | | | | 41s | 58 | | | | | | | |
| JD | 561 | .. | 10 | 11 | 12 | 13 | 14 | 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 | |

| 2012 | Jul | | 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 | | | | | | | | | | | | | | 61 | | | | | | | | | | | | | | | | | | | | |
| Lac | RW | L10 | | 1 | | | | | | | | | | | 38 | | | | 50 | | | | | | 75 | | | | | | | | | | |
| Lac | SW | S10 | 47 | 44+ | 40+ | 52s | 48s | 45s | 41+ | 53 | 49 | 45+ | 42+ | 38+ | 50s | 46s | 43+ | 39+ | 51 | 47 | 43+ | 40+ | 52s | 48s | 44+ | 41+ | 37+ | 49 | 45+ | 41+ | 38+ | 50s | 46+ | | |
| Lac | UW | E10S | | 11 | | | | | | 40 | | | | | 69 | | | | 98 | | | | | | 27 | | | | | | | | | | |
| Lac | CO | E10X | 40 | | | 49 | | | | 57 | | | 43 | | 51 | | | | 60 | 37 | | | 45 | | 54 | | | | 62 | 39 | | | | 48 | |
| Lac | CZ | 90 | 40 | | 56 | 42 | | 58 | 45 | | 47 | | | | 50 | | | 52 | 38 | | 54 | 41 | | 57 | 43 | 59 | | 46 | 62 | 48 | | | | | |
| Lac | V345 | E10X | | | 60 | | | 24 | | | | | 9 | | 73 | | | | | | 58 | | 22 | | | | | 8 | 71 | | | | | | |
| Lac | V364 | E10X | | | | | | | | | | | | | | | | | 47 | | | | | | | | | | 42 | | | | | | |
| Lyn | CD | E10S | | | | | | | | | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lyr | RR | RR | 40 | 54 | | | | 51 | | | | 47 | 61 | | | 44 | 58 | | | 41 | 54 | | | 38 | 51 | | | 48 | 61 | | | | | 45 | |
| Lyr | RZ | 90 | | | | | | | | | | 37 | 39 | 42 | 44 | 46 | 48 | | 51 | 53 | 55 | 57 | 60 | | | | | | | | | | | | |
| Lyr | UZ | S10 | | | | | | 57 | | 46 | | | | | | | | | | | | | | | 59 | | 48 | | 37 | | | | | | |
| Lyr | CN | 90 | | | 43 | | 49 | | 54 | | 60 | 42 | | 48 | | 54 | | 59 | 42 | | 47 | | 53 | | 59 | 41 | 47 | 52 | | 58 | | | | 40 | |
| Lyr | EZ | RR | 45 | 50 | 55 | 60 | | | | | | 38 | 43 | 48 | 53 | 58 | | | | | | | 41 | 46 | 51 | 56 | 61 | | | | | | | 39 | |
| Lyr | IO | 90 | | | 50 | | | 38 | 54 | | 42 | | 58 | | 46 | | | | | 50 | | | 39 | 54 | | 43 | 58 | | 47 | 62 | | | | | |
| Lyr | beta | S10 | | | | | 37s | | | | | | 84 | | | | | | | 31s | | | | | 78 | | | | | | | | | 25s | |
| Mon | EZ | E10U | | | | | 53s | | | 54s | | | 55s | | 56s | | | | 57s | | 58s | | | | 58s | | 59s | | 47 | 60s | | | | 48 | |
| Oph | ST | 90 | | | 51 | 41 | | | | 46 | | | | 52 | 42 | | | | 47 | 37 | | | | 43 | | | 48 | 38 | | | | | | 43 | |
| Peg | U | S10 | 52s | | 59 | 52s | | 58 | 52s | 46 | 58 | 52s | 46 | 58 | 52s | 45 | 58 | 52s | 45 | 58 | 51s | 45 | 57 | 51s | 45 | 57 | 51s | 45 | 57 | 51s | 44 | 57 | | 51s | |
| Peg | VV | RR | | | | | | | | | | | | 59 | 57 | 55 | 52 | | 50 | 48 | 45 | 43 | 41 | 38 | 36 | | | | | | | | | | |
| Peg | VW | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Peg | AV | RR | | | | 58 | | | 53 | | | | | 61 | | 56 | | 51 | | | | | | 59 | | 54 | | 49 | | 61 | | 56 | | | |
| Peg | AW | L10 | | | | | | | 73 | | | | | | | | | | | | 35 | | | | | | | | 97 | | | | | | |
| Peg | BH | 90 | 46 | | | | | 59 | | 51 | | 44 | | | | 56 | | 49 | | | 41 | | | 61 | | 54 | | 46 | 38 | | | | | 59 | |
| Peg | BK | E10S | | | | | | | | | | 52 | | | | | | | | | | | | 50 | | | | | | | | | | | |
| Peg | CG | 90 | | | | 58 | | 51 | 45 | 38 | | | | 59 | 52 | 45 | 39 | | | | 59 | 53 | | 46 | 40 | | | 60 | 53 | 47 | 40 | | | | |
| Peg | DF | L10 | | | 32 | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Peg | DH | RR | 53 | 55 | 57 | 60 | | | | 43 | 45 | 47 | 50 | 52 | 54 | 56 | 58 | 61 | | 39 | 42 | 44 | | 46 | 48 | 50 | 53 | 55 | 57 | 59 | 61 | 38 | 40 | 43 | |
| Peg | GH | E10S | | | | 49 | | | | | 60 | | | | | | | | | | | | | | | 38 | | | | 49 | | | | | |
| Peg | IP | K10 | 49+ | 44+ | 47+ | 50+ | 45+ | 47+ | 50+ | 45+ | 48+ | 43+ | 46+ | 49+ | 44+ | 46+ | 41+ | 44+ | 47+ | 42+ | 45+ | 40+ | 43+ | 45+ | 40+ | 43+ | 38+ | 41+ | 44+ | 39+ | 41+ | 36+ | 39+ | | |
| Per | RW | L10 | | | | | | | | 70 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | AR | 90 | | | 60 | | | 58 | | | 56 | | | 54 | | | 52 | | | | | | | | | 60 | | 58 | | 56 | | | | | |
| Per | AY | L10 | 89 | | | | | | | | | | | | 67 | | | | | | | | | | | | | | | | | | | | |
| Per | IQ | | | | 54 | | | | | | | 52 | | | | | | | | 49 | | | | | | | | | | | | | | | |
| Per | KN | E10U | | | 58 | | | | | | | 51 | | | | | | 57 | | | | | | | | 51 | | | | 57 | | | | | |
| Per | LX | L10 | | 28s | | | | 30 | | | | 32s | | | | 34 | | | | | | | | | 37 | | | 39s | | | | | 41 | | |
| Per | beta | S10 | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | | | | | |
| Psc | RY | 90 | | | 59 | | | | | | | | 53 | 59 | | | | | | | | | | | | | 60 | | | 49 | 55 | 60 | | | |
| Psc | SS | 90 | | 54 | | 55 | | 57 | | 58 | | 60 | | 61 | | | 49 | | 50 | | 52 | | 53 | | 55 | | 56 | | 57 | | 59 | 45 | | | 60 |
| JD | 561 | .. | 10 | 11 | 12 | 13 | 14 | 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 | | |

| 2012 Jul | | | 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 |
|----------|-------|------|----|----|----|----|-----|-----|-----|----|----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|-----|----|----|----|-----|-----|-----|-----|-----|
| Sge | SY | E10S | | | | | | | 39 | | | | | | | 47 | | | | | | | 55 | | | | | | | | | | |
| Ser | VY | RR | | | | | 42 | | | | | 42 | | | | | 42 | | | | | | | 42 | | | | | | 42 | | | |
| Ser | AN | 90 | | | | 41 | 45 | 50 | 54 | | | | | | | | | 42 | 46 | 50 | | | | | | | | 38 | 42 | 47 | | | |
| Ser | BH | 90 | 46 | | | 51 | 38 | | | | 42 | | | 46 | | 50 | 37 | | | | 41 | | | 45 | | | 36 | | | 41 | | 45 | |
| Ser | EG | L10 | 47 | | | | | | | | | | 42 | | | | | | | | | | 37 | | | | | | | | | 31 | |
| Ser | LX | K10 | 50 | 46 | 41 | 51 | 47 | 42 | 52 | 48 | 43 | 38+ | 49 | 44 | 39 | 50 | 45 | 40 | 51 | 46 | 41 | 52 | 47 | 42 | 37 | 48 | 43 | 38 | 49 | 44 | 39 | 45 | |
| Tau | RW | S10 | | | | | | | | | | | | | | | | | | | | | | | 55 | | | | | | | | |
| Tau | V1094 | L10 | | | | | | | | | | 52 | | | | | | 39 | | | 51 | | | | | 38 | | | | 50 | | | |
| Tau | V1125 | E10S | | | | | | | | | | | 52 | | | | | | | | | | | | | | | | | | | | |
| Tri | X | S10 | | | | | | | | | | | | | 59 | 56 | 53 | 51 | | | | | | | | | | | | 62s | 59s | 56s | |
| Tri | RU | E10S | | | | | | | | | | | | 50 | | | | | | | | | | | | 57 | | | | | | | |
| Tri | UX | 90 | | | | 60 | 53 | | | | | | 60 | 54 | | | | | | | 61 | 54 | | | 61 | | 54 | 48 | | | | | |
| UMa | W | S10 | 43 | 43 | 43 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | | | | | | 43 | 62s | 62s | 62s | 63s | |
| UMa | RV | RR | | 56 | 50 | 43 | | | | | | | 46 | 39 | | | | | | | | | | | 56 | 50 | 43 | 37 | | | | | |
| UMa | TU | RR | | | | | | | | | | | | | | 37 | | | | | | | | | | | | | | | | | |
| UMi | W | S10 | | | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | | |
| Vir | ST | 90 | | | | 41 | | | | | | | 40 | | | | | | | | | | | | | | | 36 | | 43 | | | |
| Vir | AV | 90 | | | | | | | | 41 | | 38 | | | | | | | | | | | | | | | | | | | | | |
| Vir | CG | E10S | | | | | | 45s | 38s | | | | | | | 46 | 40 | | | | | | | | 41s | | | | | | 36 | | |
| Vul | Z | S10 | | | | | 51s | | | | | 42s | | | | | | 55 | | | | | | | | 46 | | 37 | 60s | | | | |
| Vul | BN | 90 | | | 51 | | | 48 | | | 45 | | 42 | 61 | | 39 | 58 | | | 55 | | | | | 52 | | 49 | | 46 | | | 43 | |
| Vul | DR | E10X | | | | | | 60 | | | | | | | | | 60 | 61 | | | | | | | | 36 | 60 | 62 | | | | | |
| Vul | EV | E10S | | | | 57 | | 39 | | | | | | | 44s | | | | | | | | | 50 | | | | | | 55s | | | 38s |
| JD | 561 | .. | 10 | 11 | 12 | 13 | 14 | 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 |

| 2012 Aug | | | 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 | 45 | | | 54 | 43 | | | | 52 | 41 | 62 | 50 | 39 | | 60 | 48 | 37 | | 58 | 46 | 35 | | 56 | 44 | 33 | 66 | 54 | 42 | 31 | 64 | 52 |
| And | SY | L10 | | | | | | | | | | | | | | | | | | | 88\ | 93 | 97 | | | | | | | | | | |
| And | TW | S10 | | | | | | 39 | | | | 51 | | | | 64 | | | | | | | | | | | | | | | | | |
| And | XX | 90 | 63 | | | 52 | | | 42 | | 58 | | 47 | | 64 | 37 | | | 53 | | | 43 | | | 59 | 32 | | 48 | | 65 | 38 | 54 | 57\ |
| And | CD | L10 | 26/ | | | | | | | | | | 34\ | \ | | | | 41s | / | 48/ | | | | | | | | | | | | | 60 |
| And | OV | 90 | 48 | 42 | 36 | | | 60 | 54 | 48 | 42 | 36 | 36 | | | | | 54 | 48 | 42 | 36 | | | | 66 | 60 | 54 | 48 | 42 | 36 | | 66 | |
| Aqr | SW | RR | | 60 | 52 | 43 | 35 | | 57 | 49 | 41 | | | | 54 | 46 | 38 | | | 59 | 51 | 43 | 35 | | | 56 | 48 | 40 | 32 | | | 53 | |
| Aqr | SX | 90 | 37 | 44 | 52 | 59 | | | 34 | 41 | 48 | | 55 | 62 | | | 37 | 44 | 52 | 59 | | | | | 34 | 41 | 48 | 55 | | | | 37 | |
| Aqr | CD | E10S | | | | 37 | | | | | 20 | | | | 4 | | | | | 88 | | | | | 72 | | | | | | | | |
| Aqr | HH | 90 | 52 | | | | 54 | | | 41 | 56 | | | 44 | 58 | | | 46 | 61 | | | 48 | 63 | | | 50 | | 37 | 52 | | | 39 | |
| Aqr | LL | L10 | | | | | | 82 | | | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 561 | .. | 41 | 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 |

| 2012 | Aug | | 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 | AA | RR | | 35 | 44 | 52 | | 42 | 50 | 59 | | 40 | 48 | 57 | | 38 | 46 | 55 | | 36 | 44 | 53 | | 34 | 42 | 51 | 32 | 40 | 49 | | | | | |
| Aql | V341 | 90 | 59 | | 48 | | | | 37 | 52 | | 41 | 57 | | 46 | | | 88 | | 35 | 50 | 82 | 39 | 55 | | 44 | | | 33 | 49 | | | | |
| Aql | V889 | L10 | | | | | | 76 | | | | 70 | | | | | | | | | | | | | | | | | 0 | | | | | |
| Aql | V1353 | E10S | | | 37 | | 49s | | | | | 45 | | 57s | | 40s | | 52 | | | 35 | | 47s | | | | 42 | | 55s | | | | | |
| Aql | V1426 | E10S | 75 | 93 | | 10 | 28 | 45 | 63 | 80 | 98 | | 15 | 33 | 51 | 68 | 86 | | 3 | 21 | 38 | 56 | 73 | 91 | | 8 | 26 | 43 | 61 | 78 | 96 | 13 | | |
| Aql | V1430 | E10S | | | | | 57 | 45 | | | | | | 61 | 44 | 56 | | | | | | 43 | | | | | | 42 | | | | | | |
| Ari | X | RR | | | | | | | | | | | 61 | | 56 | | | 51 | | | | | | | | | 63 | | 54 | | | 49 | | |
| Ari | RS | L10 | | | 14 | | | | 54s | | | 94 | | | | | | 35s | | | | 75 | | | | 15s | | 55 | | | | | | |
| Ari | AL | E10S | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | |
| Aur | TZ | 90 | | | | | | | 62 | | 58 | | | | | | | 63 | | 59 | | | | | | 64 | 60 | | 56 | | | | | |
| Aur | CQ | L10 | 31s | | | | | 62 | | | | | 93s | | | | | | 24 | | | | | 55s | | | 86 | | | | | | | |
| Aur | IY | E10S | | | | | | | | | | | | | | | | | | 63 | | | | | | | | | | | | | | |
| Aur | V432 | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | | | | |
| Boo | RS | RR | 45 | | | 47 | | 35 | | | 37 | | | 39 | | 41 | | | | | | | | | 33 | | 35 | | 37 | | | | | |
| Boo | TW | 90 | | | 35 | 41 | 47 | | | | | | 39 | 46 | | | | | | | | 38 | 44 | | | | | | 36 | 43 | | | | |
| Boo | UU | 90 | | | 48 | 39 | | | | 50 | 42 | | | | 44 | 36 | | | | | | | 47 | 38 | | 41 | 32 | | | | | 43 | 35 | |
| Boo | UY | 90 | | | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boo | AC | E10D | 45 | 50 | 39s | 44s | 50s | 38 | 44 | 50 | 38s | 43s | 49s | 37 | 43 | 49 | 37s | 43s | 48s | 36 | 42 | 48 | 36s | 42s | 48s | 36 | 41 | 47 | 35s | 41s | 47s | 35 | 41 | |
| Boo | CM | 90 | | | | | 39 | | | | | | | | | | | 35 | | | | | | | | | | | | | | | | |
| Boo | CQ | 90 | 37 | | 35 | | | | 42 | | 39 | | 37 | | 34 | | | | | | | | | 39 | 36 | | 33 | | | | | | | |
| Boo | CS | 90 | | | | 36 | | | | 34 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cam | SS | E10S | 15s | | 57 | | 98s | | | 39 | | 80s | | 21 | | 62s | | | | 3 | | 45s | | | | 86 | | | | | | 9s | | |
| Cam | SV | S10 | 57 | | 35 | 54 | | 50 | | | 47 | | | 43 | 62 | | | 40 | 59 | | | 37 | 55 | | | 33 | 52 | | 48 | | 45 | 63 | | |
| Cam | AK | E10S | | | | 47 | | | | | | | | | 38 | | | 61 | | | | | | | | | | | | | | | | |
| Cam | AN | | | | | | | | | | | | 62 | | | | | | | 23 | | | | | | | | | | | | | | |
| Cam | AT | E10S | | 49s | | 58 | | | 38 | | 47s | | 56 | | 36 | | | 45s | | 54 | | 64s | 34 | | 43s | | 52 | | 62s | 32 | | 41s | | |
| Cnc | RU | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | | |
| Cnc | RZ | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVn | W | 90 | | | 35 | 46 | | | | | | 42 | | | | 39 | | | | | | | | | | | | 64 | / | 26/ | | | | 39 |
| CVn | Z | 90 | | 39 | | 35 | | | | | | | | | | | | | | | 39 | | | | | | | | | | | | | |
| CVn | RZ | 90 | | | | 40 | | | | 37 | | | | 34 | | | | | | | | | | | | | | | | | 37 | | | |
| Cas | RX | L10 | / | / | / | | | | | | | | | \ | \ | \ | \ | 10s | / | / | / | / | | | | | | | | \ | \ | \ | \ | |
| Cas | RZ | S10 | | 51 | | | | | | 48 | | | | | 46 | | | | | | | | | | | | 63 | | | | | | | |
| Cas | SX | L10 | | | | 21/ | | | | | | | | | | | | 83\ | \ | 66 | / | 49/ | | | | | | 41 | 61 | | | | | |
| Cas | TV | S10 | 40 | | | | | | | | 47 | | | | | | | | | | | 53 | | | | 34 | | | | 59 | | 40 | | |
| Cas | TW | S10 | | | | 50 | | | 36 | | | 64 | | | 50 | | | | | 36 | | | | 64 | | 50 | | 35 | | | | | 64 | |
| Cas | TX | E10S | | | | | | | | | 61 | | | 54 | | | | | | | | 39 | | | | | | | | | 63s | | | |
| Cas | AQ | L10 | 84s | 89/ | | | | 65\ | 70 | 76/ | | | 51\ | 56s | 62/ | | | | | | | 46 | | | 32 | | | | | | | | | |
| Cas | BM | L10 | | | | | | | | | | | | | 8 | | | | | | | | | | | | 23\ | 28s | 34/ | | | 9\ | 14 | |
| JD | 561 | .. | 41 | 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 | |

| 2012 | Aug | | 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 | DN | E10S | | | | | | 46s | 61 | | | | | | 39s | 54 | | | | | | | 48 | 63s | | | | | | 41 | 56s | | | |
| Cas | GG | E10S | 36 | | | | | | | | | | | 64 | | | | 40 | | | | | 38 | | | 47 | | | 57 | | | 66 | | |
| Cas | GU | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | IL | E10S | | | | | | | | | | | | | | | | | | | | 58 | | | | | | 48 | | | | | | |
| Cas | IT | E10X | 43 | | | | | | | | | | | | | | | | | | | | | 66 | | | | 55 | | | | 45 | | |
| Cas | OX | E10X | | 49 | | | | | 47 | | | | | 45 | | | | | | | | | | 40 | 66 | | | | 38 | 64 | | | | |
| Cas | PV | E10X | | | 55 | 39 | | | | | 64 | 55 | 39 | | | | | 64 | 56 | 39 | | | | 64 | 56 | 39 | | | | | 65 | 56 | | |
| Cas | V368 | E10S | 52 | | | | | | | | | 42 | | | | | | | | | | | | | | | | | | | | | | |
| Cas | V375 | E10D | | 52 | | | | 47 | | | 42 | | | 63s | 36 | | 57s | | | | | 52s | | 47s | | | 41s | 62 | 36s | 57 | 31s | 52 | | |
| Cas | V381 | E10X | | | | 59 | 46 | | | | | | | 57 | 44 | | | | | | | | | | 66 | 54 | 41 | | | | | 65 | | |
| Cas | V459 | L10 | | 52 | | | | | 68 | | | | | 97 | | | | 14 | | | | | | | 60 | | | | 89 | | | | | |
| Cep | RZ | 90 | 52 | 45 | 37 | 61 | 53 | 46 | 38 | 62 | 54 | 47 | 40 | 63 | 56 | 48 | 41 | 33+ | 57 | 49 | 42 | 35+ | 58 | 51 | 43 | 36 | 59 | 52 | 44 | 37 | 61 | 53 | 46 | |
| Cep | VW | S10 | 43+ | 40+ | 38+ | 35+ | 46+ | 44+ | 41+ | 38+ | 36+ | 47+ | 45+ | 42+ | 39+ | 37+ | 34+ | 46+ | 43+ | 40+ | 38+ | 35+ | 33+ | 44+ | 41+ | 39+ | 36+ | 34+ | 45+ | 42+ | 40+ | 37+ | 35+ | |
| Cep | XX | S10 | | | | 45 | | | | | | | | 46 | | | | | | | | | | | | | | 48 | | | | | | |
| Cep | XY | E10S | | 47 | | | | | | | | | | | 57 | | | | 34 | | | | | | | | | | 44 | | | | | |
| Cep | ZZ | S10 | 37 | | 51 | | | | | | | | | | | | | | 36 | | 50 | | 65 | | | | | | | | | | | |
| Cep | AI | E10S | | | 41 | | | 52s | | 64 | | | | | | | | | | | | | | | 43s | | 54 | | 65s | | | | | |
| Cep | CW | E10X | | | 54 | | | | | | | 42 | | | | 45 | | | | | 60 | | 33 | 64 | | | 37 | | | 52 | | | | |
| Cep | EI | L10 | 35s | | | | | 57 | | | | 79s | | | | 1 | | | | | | 23s | | | 45 | | | 67s | | | | | 89 | |
| Cep | EX | L10 | | | | | | | | | | | 41 | | | | | | | | | | | | 84 | | | | | | | | | |
| Cep | NN | E10S | | | | | | | | | | | | | | 36 | | 39s | 42 | 45s | 48 | 51s | 54 | 56s | 59 | 62s | 65 | | | | | | | |
| Cet | RR | RR | 59 | | | | | 56 | | | | | | 54 | | | | | | | | | | 50 | 60 | | | 47 | 58 | | | | | |
| Cet | RV | 90 | | | | | | | | | | | | | | | | | | | | | | | 65 | | | 64 | | | | | | |
| Cet | TU | E10S | 39 | | | 78 | | | | | | 17 | | | 57 | | | | | | 96 | | | | 35 | | | 74 | | | | | | |
| Cet | TV | L10 | 64 | | | | | 13 | | | | 74 | | | | | 23 | | | | | | | | | 33 | | | 95 | | | | | |
| Cet | XY | E10S | | | | | | | | | | | | | | | 61 | | | | | | | 56s | | | | | 51 | | | | | |
| Com | ST | 90 | | 37 | | | | 36 | | 35 | | | | 35 | | | | | | | 34 | | 33 | | | 33 | | | | | | | | |
| CrB | U | S10 | | | | | | | | | | | | | | | | | | | | | | | | | 34 | | | | | | | |
| CrB | RV | 90 | | | | | | | | | | | | | | | | | | | | | | | | 48 | 47 | 47 | 46 | 46 | | | | 45 |
| Cyg | UY | RR | | 36 | 48 | 60 | | | 40 | 53 | | | | | 45 | 57 | | | 37 | 50 | 62 | | | 42 | 54 | 66 | | 35 | 47 | 59 | | | 39 | |
| Cyg | XZ | RR | 62 | 55 | 49 | 42 | 35 | | 62 | 55 | 49 | | 42 | 35 | | | 62 | 55 | 49 | 42 | 35 | | | 62 | 55 | 48 | 42 | | | | | | 48 | |
| Cyg | BO | E10S | | | | | | 48 | | | | | | | | 51 | | | | | | | | | | | | | 56 | | 31 | | | |
| Cyg | BR | E10S | | | 37 | | | | | 37 | | | | | | | | | | | | | | | | 36 | | | | 36 | | | | |
| Cyg | DM | RR | 44 | | 54 | 38 | | 48 | | 58 | 42 | | 52 | 36 | 62 | 46 | | 56 | 40 | | 50 | 34 | | 60 | 44 | | 54 | 38 | 64 | 48 | 32 | 57 | 41 | 67 |
| Cyg | EM | K10 | 48 | | 52 | | 55 | | 59 | 46 | 63 | 50 | | 54 | | 57 | 44 | 61 | 48 | 64 | 52 | | 55 | 43 | 59 | 46 | 63 | 50 | 66 | 54 | 41 | 57 | 44 | |
| Cyg | V367 | L10 | | | \ | \ | | 64s | / | / | | | | \ | \ | 93 | | / | / | / | | | | \ | \ | | 23s | / | / | | | | | |
| Cyg | V463 | E10S | | | | | | | 42 | | 54 | | | | | | | | | | | | | | | 36 | | 48 | | 60 | | | | |
| Cyg | V477 | | | 46 | | | 50 | | | | 50 | | | 54 | | | | 54 | | | 58 | | | | 58 | | | 62 | | | | | 62 | |
| Cyg | V541 | L10 | | | | | | | 24 | | | | | | | | 56 | | | | | | | | 58 | | | | | | | | 89 | |
| JD | 561 | .. | 41 | 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 | |

| 2012 | Aug | | 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 | V548 | E10S | | | 59 | | 39 | | | | | | | 61 | | 42 | | | | | | | 64 | | 45 | | | | | | | 67 | | | |
| Cyg | V788 | L10 | | 23\ | 19 | 14/ | | | | | | | | | | | | | | | | | | | | | 16\ | 11 | 7/ | | | | | | |
| Cyg | V891 | E10S | | | 57 | | 48 | | 39 | | | | | | | | | | | | | | | | 54 | | | 44 | | 35 | | | | | |
| Cyg | V909 | E10S | | | 36 | | | | 57s | | | 37s | | | | 58 | | 39 | | | | | 59s | | 40s | | | | | | | | 41 | | |
| Cyg | V1061 | E10S | | | 61 | | | | | | | | | | | 34 | | | | | | | 38 | | | | | | | | 42 | | | | |
| Cyg | V1918 | E10D | 59 | 62s | 45s | 48 | 51s | 55 | 58s | 61 | 44+ | 47s | 50 | 54s | 57 | 60s | 43+ | 46 | 49s | 53 | 56s | 59 | 42+ | 45+ | 49 | 52s | 55 | 58s | 41+ | 44+ | 48s | 51 | 54s | | |
| Del | DX | 90 | 52 | 46 | 41 | 35 | | | | 61 | 55 | 50 | 44 | 39 | | | | | | 59 | 53 | 48 | 42 | | | | 57 | 51 | 46 | 40 | 35 | | | | |
| Dra | RW | RR | 55 | 43 | | | 53 | 42 | | 63 | 52 | 40 | | | 62 | 50 | 39 | 61 | 49 | 38 | | 59 | 48 | 36 | | 58 | 46 | 35 | | 56 | 45 | 34 | | | |
| Dra | SU | RR | | | | | | | 62 | | 60 | | 58 | | 56 | 54 | | | 52 | | 51 | | 49 | | 47 | 45 | | | 43 | | 41 | | | 39 | |
| Dra | SW | RR | 44 | 58 | | | 43 | 57 | | | 41 | 55 | | | 40 | 54 | | | 39 | 53 | | | 38 | 52 | 66 | 36 | | 50 | 64 | | 35 | 49 | | 63 | |
| Dra | TZ | E10D | 43 | | | | | 63 | 50 | 36 | | | | | | 56 | 42 | | | | | 62 | 49 | | | | 35 | 55 | 42 | | | | | | |
| Dra | VZ | 90 | 37 | | 62 | 58 | 55 | 51 | 47 | 43 | 40 | 36 | 64 | 61 | 57 | 53 | 50 | 46 | 42 | 39 | 35 | 63 | 60 | 56 | 52 | 49 | 45 | 41 | 37 | 34 | 62 | 58 | | 55 | |
| Dra | WW | S10 | | | | | | | | | | 49 | | | | | | | | | | | | | 38 | | | | | | | | | | |
| Dra | XZ | RR | 62 | 58 | 53 | 48 | 44 | 39 | | | | | 63 | 58 | 54 | 49 | 44 | 39 | 35 | | | | 64 | 59 | 54 | 49 | 45 | 40 | 35 | | | | | 64 | |
| Dra | AI | S10 | | | | | 35 | 55 | | | | | 34 | 54 | | | | | 34 | 53 | | | | | 33 | 53 | | | | | 32 | 52 | | | |
| Dra | BF | | | | 30 | | | | | | | | | | | 51 | | | | | | | | | | | | 73 | | | | | | | |
| Dra | BK | 90 | 46 | | | 42 | 60 | | 38 | 56 | | 34 | 52 | | | 48 | | | 44 | 63 | | 40 | 59 | | 36 | 55 | 32 | 51 | | | | 47 | | 65 | |
| Dra | BU | E10S | | | | | | | | | | | | | | | | | | | 49 | | | | | 32 | | | | | | | | | |
| Dra | EX | K10 | 47+ | 52+ | 46+ | 51+ | 45+ | 50+ | 45+ | 50+ | 44+ | 49+ | 44+ | 49+ | 43+ | 48+ | 43+ | 48+ | 42+ | 47+ | 42+ | 47+ | 41+ | 46+ | 40+ | 45+ | 40+ | 45+ | 39+ | 44+ | 39+ | 44+ | 44+ | 38+ | |
| Dra | GV | L10 | | | | | | | | | | | | 45 | | | | | | | | | | | | | | | | | | | | | |
| Equ | S | S10 | | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | 40 | | | |
| Gem | U | K10 | 45+ | 51 | 57 | 46+ | 52 | 58 | 46 | 53 | 59 | 47 | 53 | 59 | 48 | 54 | 42+ | 49 | 55 | 43+ | 49 | 55 | 44+ | 50 | 56 | 45+ | 51 | 39+ | 45+ | 52 | 40+ | 46+ | | 52 | |
| Gem | RR | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | | 66 |
| Gem | RY | L10 | | | | | | | | | | | | | | | | | 29 | | | | | | | | | 60 | | | | | | | |
| Gem | SZ | 90 | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 66 | | | | | | 67 | | | |
| Gem | WW | E10S | | | | | | | | | | | | 60s | | | | | | | | 65 | | | | 60 | | | | | | | | | |
| Gem | YY | S10 | | | | | | | | | | | | | | | | | | | | 63s | | | | | | | 58s | | 62 | | | 65s | |
| Gem | V339 | E10U | | | | | | | | | | | | 55 | | 43 | | | | | | | | | | | | | | | | | | | |
| Her | TW | RR | 40 | 60 | 40 | 60 | 40 | 60 | 39 | 59 | 39 | 59 | 39 | | 39 | | 39 | | | | | | 38 | | | 38 | 38 | 37 | | 37 | | | | 37 | |
| Her | TX | S10 | | | | | | | | | | | | | | | | | | | | | 35s | 38 | 41s | 44 | 47s | 50 | 53s | 56 | | | | | |
| Her | UX | E10D | 37 | | | 47 | | | | | | | | | | | | | | | 41 | | | | | | | | | | | | | | |
| Her | VX | RR | | 51 | 42 | | | | | 43 | 34 | | | | | 43 | 35 | | | | 44 | 35 | | | | 45 | 36 | | | | | 37 | | | |
| Her | VZ | 90 | 38 | | 58 | 46 | | | 55 | 43 | | | 51 | 39 | | | 47 | 35 | | | 55 | 43 | | | 52 | 40 | 48 | 36 | | | | 44 | | 32 | |
| Her | AK | S10 | 39 | 44s | 49 | | 39s | 44 | 50s | 34s | 40 | 45s | 50 | 35 | 40s | 45 | | 35s | 40 | 46s | | 35 | 41s | 46 | | 36s | 41 | 47s | | 36 | 42s | | | 31 | |
| Her | AR | 90 | | | | | 57 | 51 | 45 | 39 | | | | | | 56 | 50 | 44 | 38 | | | | | 55 | 49 | 43 | 37 | | | | | 48 | | 42 | |
| Her | AW | L10 | | | 79 | | | | | | | | | 59 | | | 59 | | | | | | | 39 | | | | | | | | 19 | | | |
| Her | DI | L10 | | | | | | 59 | | | 2 | | | | | | | | | | 14 | | | | | | | | 69 | | | 12 | | | |
| Her | GU | E10U | | | | | 43s | | | | | | | | | | | | | | | 46s | | | | | | | | | | 32 | | | |
| Her | LV | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 561 | .. | 41 | 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 | |

| 2012 | Aug | | 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 | IP | K10 | 42+ | 37+ | 40+ | 43+ | 38+ | 40+ | 35+ | 38+ | 41+ | 36+ | 39+ | 34+ | 37+ | 39+ | 34+ | 37+ | 40+ | 35+ | 38+ | 33+ | 35+ | 38+ | 33+ | 36+ | 39+ | 34+ | 37+ | 32+ | 34+ | 37+ | 32+ | |
| Per | RW | L10 | | | 10 | | | | | | | | | | | | | 30 | | | | | | | | | | | | | | | | |
| Per | RY | E10S | | | | | | | | | | | 63 | | | | | | | 49 | | | | | | | 36 | | | | | | 50 | |
| Per | AG | E10X | | | | | | | | | | | | | | 47 | 47 | 50 | 50 | 53 | 53 | 56 | 56 | 59 | 59 | 62 | 62 | 65 | 64 | | 67 | | | |
| Per | AR | 90 | 54 | | | 52 | | | 50 | | 63 | 48 | | 60 | 46 | | 58 | 43 | | 56 | 41 | | 54 | | | 52 | 65 | 50 | | 63 | 48 | | | |
| Per | AY | L10 | | | | | | 22 | | | | | | | | | | | 0 | | | | | | | | | | | | 77 | | | |
| Per | IQ | | | | | | | 63 | | | | | | | 60 | | | | | | 62 | 58 | | | | | 59 | 55 | | | | | | |
| Per | KN | E10U | | | | | 50 | | | | | | 57 | 43 | | | | | | 63 | 50 | | | | | 57 | 43 | | | 63 | | 50 | | |
| Per | LX | L10 | | | 43s | | | | 45 | | | | 47s | | | 49 | | | | | 51s | | | | 53 | | | 55s | | | | 50 | 57 | |
| Per | beta | S10 | | | | 57 | | | 43 | | | | | | | | | | | | | | | | 64 | | 51 | | | | 37 | | | |
| Psc | RY | 90 | | | | | | 49 | 55 | 61 | | | | | | 44 | 50 | 56 | 62 | | | | | | 44 | 50 | 62 | | | | | | 39 | |
| Psc | SS | 90 | 47 | 62 | 48 | 63 | 50 | | 51 | | 53 | | 54 | 40 | 55 | 42 | 57 | 43 | 58 | 45 | 60 | 46 | 61 | 48 | 63 | 49 | 64 | 50 | 37+ | 52 | 38+ | 53 | 40 | |
| Sge | SY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | AN | 90 | | | | | | | | 39 | 43 | | | | | | | | | | 35 | 39 | | | | | | | | | 31 | | 36 | |
| Ser | BH | 90 | | | | 36 | | | 40 | | | 44 | | | | 35 | | | 40 | | | | | | 35 | | | 39 | | | | | | |
| Ser | EG | L10 | | | | | | | | | | 26 | | | | | | | | | | 21 | | | | | | | | | | 16 | | |
| Ser | LX | K10 | 40 | 35 | 46 | 41 | 36 | 47 | 42 | 37 | | 43 | 38 | | 44 | 39 | 34 | | 40 | 35 | | 41 | 36 | | 42 | 37 | 32 | | 38 | 33 | | 39 | 34 | |
| Tau | RW | S10 | | | | 62 | | | | | | | | | | | | | | | | | | | | | | | | | 54 | | | |
| Tau | CD | S10 | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | | 65 | | |
| Tau | EN | E10S | | | | | | | | | | | | | | | | | | | | | | 63 | | | | 59 | | | | | | |
| Tau | V1094 | L10 | | | 37 | | | 49 | | | | | | 35 | | 48 | | | | | | | 34 | | | 47 | | | | | | 33 | | |
| Tau | V1125 | E10S | | | | | | | | | | | | | | | | | | | | | | | 48 | | | | | | | | | |
| Tri | X | S10 | 54s | 51s | 48s | 45s | | | | | | | | | | | 62 | 59 | 57 | 54 | 51 | 48 | 45 | 42 | 40 | | | | | | | | 65s | |
| Tri | RU | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | |
| Tri | UX | 90 | 61 | 55 | 48 | | | | | 62 | 55 | 49 | | | | | 62 | 56 | 49 | 42 | | | | | 62 | 56 | 49 | 43 | | | 63 | 56 | 50 | |
| UMa | W | S10 | 63s | 63s | 63s | 63s | 63s | 63s | 63s | 63s | 64s | | 64s | 64s | 64s | 64s | 64s | 64s | 64s | 64s | 64s | 64s | 65s | 65s | 65s | 65s | 32+ | 32+ | 32+ | 32+ | 32+ | 32+ | 32+ | |
| UMa | RV | RR | 52 | 45 | 39 | | | | | | 48 | 41 | 35 | | | | | 50 | 43 | 37 | | | | | | 45 | 39 | 33 | | | | | | |
| UMi | W | S10 | | 53 | | | | | | | 34 | | | | | 44 | | | | | | | | | | 65 | | 35 | | | | | 45 | |
| Vir | ST | 90 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vir | CG | E10S | | | | | | 37s | | | | | | | | | | | | | | | | 34s | | | | | | | | | | |
| Vul | Z | S10 | 51s | | | | | 42s | | | | | | 56 | | | | | 47 | | | | | | | 38 | | | | | | | | |
| Vul | RR | E10S | | | | | | | | | | | | 34 | | | | | 39 | | | | | | | 44 | | 49 | | | | | | |
| Vul | BN | 90 | 62 | | 40 | 59 | | 37 | 56 | | 35 | 53 | | | 50 | | | 47 | | | 45 | | | | | | 39 | 58 | | 36 | 55 | | 33 | |
| Vul | DR | E10X | 36 | 37 | 61 | 62 | | | | | | 36 | 37 | 37 | 61 | 62 | | | | | | 36 | 37 | 62 | 63 | | | | | | 37 | 38 | 62 | |
| Vul | EV | E10S | | | 61 | | | | 43 | | | | | | | 49s | | | | | | | | 54 | | 36 | | | | 60s | | | | 42s |
| JD | 561 | .. | 41 | 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 | |

| 2012 | Spt | | 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 | | | |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|
| Cet | RR | RR | 45 | 56 | 66 | | | 43 | 53 | 64 | | | 41 | 51 | 62 | | | 38 | 49 | 60 | | | 47 | 57 | 68 | | 44 | 55 | 66 | | | | | | |
| Cet | RV | 90 | | 62 | | | | | 61 | | | | | 60 | | | | | 58 | | | | 57 | | | | 56 | | | | | | | | |
| Cet | TU | E10S | 13 | | | | 52 | | | | 91 | | | | 30 | | | | | 70 | | | | 9 | | | | 48 | | | | | | | |
| Cet | TV | L10 | | 44 | | | | | 5 | | | | 54 | | | | | 15 | | | 64 | | | | 26 | | | | 75 | | | | | | |
| Cet | XY | E10S | | | | | 46s | | | | 63 | | | | | | | 59s | | | | | 54 | | | | 71s | | | 49s | | | | | |
| CrB | RV | 90 | 45 | 44 | 44 | 43 | 43 | 42 | 42 | 41 | 41 | 40 | 40 | 39 | 39 | 38 | 38 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 33 | 33 | 32 | 32 | 31 | 31 | 30 | 30 | | | |
| Cyg | UY | RR | 51 | 64 | | 32 | 44 | 56 | | | 36 | 49 | 61 | | 29 | 41 | 53 | 61 | | 34 | 46 | 58 | | | 38 | 50 | | 31 | 43 | 55 | | | | | |
| Cyg | XZ | RR | 42 | 35 | | 68 | 62 | 55 | 48 | 42 | 35 | | 68 | 61 | 55 | 48 | 41 | 35 | 28 | 68 | 61 | 55 | 48 | 41 | 35 | 28 | 61 | 55 | 48 | 41 | 35 | | | | |
| Cyg | BO | E10S | | | 58 | | 34 | | | | | 61 | | 36 | | | | | 63 | | 39 | | | | 66 | | 41 | | | | | | | | |
| Cyg | BR | E10S | 35 | | | | 35 | | | | 35 | | | | 35 | | | | 34 | | | | 34 | | | 34 | | | | 34 | | | | | |
| Cyg | DM | RR | 51 | 35 | 61 | 45 | | 55 | 39 | 65 | 49 | 33 | 59 | 43 | | 53 | 37 | 63 | 47 | 31 | | 57 | 41 | | 51 | 35 | 61 | 45 | 29 | 55 | 39 | | 48 | | |
| Cyg | EM | K10 | 61 | 48 | 64 | 52 | 39 | 55 | 43 | 59 | 46 | 63 | 50 | 37 | 54 | 41 | 57 | 44 | 61 | 48 | | 35 | 52 | 39 | 55 | 43 | 59 | 46 | 34 | 50 | 37 | 54 | 41 | | |
| Cyg | V367 | L10 | \ | \ | 53 | / | / | | | | | \ | \ | 83s | / | / | / | | | | | \ | \ | \ | 13 | / | / | | | | \ | \ | | | |
| Cyg | V463 | E10S | | | | | | | | | | 31 | | 42 | | 54 | | | | | | | | | | | | | | | 36 | | | | |
| Cyg | V477 | | | 66 | | 32 | | | 35 | | | | 36 | | 39 | | | | | 40 | | | 44 | | | 44 | | | 48 | | | | | | |
| Cyg | V541 | L10 | | | | | | 92 | | | | | | | | 23 | | | | | | | 26 | | | | | | | | 57 | | | | |
| Cyg | V548 | E10S | 47 | | | | | | | | 50 | | | 30 | | | | | | | | 52 | 33 | | | | | 55 | | | 36 | | | | |
| Cyg | V788 | L10 | | | | | | | | | | | | | | | | | | | | 8\ | 99/ | | | | | | | | | | | | |
| Cyg | V891 | E10S | | | | | | | | | | | | | 50 | | 41 | | 31 | | | | | | | | | | | | | | | | |
| Cyg | V909 | E10S | | | | | | | 43s | | | | | | | | 44 | | | | | | 45s | | | | | 47 | | | | | | | |
| Cyg | V1061 | E10S | | | | | 46 | | | | | | | 50 | | | | | | | | 54 | | | | | 58 | | | | | | | | |
| Cyg | V1918 | E10D | 37+ | 40+ | 43+ | 47+ | 50s | 53 | 36+ | 39+ | 43+ | 46s | 49 | 52s | 35+ | 38+ | 42+ | 45 | 48s | 52 | 34+ | 38+ | 41+ | 44s | 47 | 51s | 33+ | 37+ | 40+ | 43 | 46s | 29+ | | | |
| Del | DX | 90 | | | | 55 | 49 | 44 | 38 | 33 | | | | | 53 | 47 | 42 | 36 | 31 | | | | | 51 | 45 | 40 | 34 | 29 | | | | | | | |
| Del | NN | L10 | | | | | | | | | | | | 71 | | | | | | | | | | | | | | | | | | | | | |
| Dra | RW | RR | 55 | 44 | 32 | | 54 | 42 | 31 | | 52 | 41 | 29 | | 51 | 40 | | 50 | 38 | | | 48 | 37 | | | 47 | 35 | | | 45 | 34 | | | | |
| Dra | SU | RR | | 37 | | 36 | 68 | 34 | 66 | 32 | 64 | 30 | 62 | | 60 | | 58 | | 56 | | 55 | | 53 | | 51 | 49 | | 47 | | 45 | | | | | |
| Dra | SW | RR | | 34 | 48 | 62 | | 33 | 47 | 61 | | 32 | 45 | 59 | | 30 | 44 | 58 | | 29 | 43 | 57 | 71 | 28 | 42 | 56 | 70 | 27 | 41 | 54 | 68 | | | | |
| Dra | TZ | E10D | 61 | 48 | 34 | | | | | 54 | 41 | | | | | 47 | | 33 | | | | | 53 | 40 | | | | | 46 | 32 | | | | | |
| Dra | VZ | 90 | 51 | 47 | 44 | 40 | 36 | 33 | 61 | 57 | 54 | 50 | 46 | 42 | 39 | 35 | 31 | 28+ | 56 | 52 | 49 | 45 | 41 | 38 | 34 | 30 | 27 | 55 | 51 | 48 | 44 | 40+ | | | |
| Dra | WW | S10 | | 64 | | | | | | | | | | | | | | 53 | | | | | | | | | | | | | | 42 | | | |
| Dra | XZ | RR | 59 | 55 | 50 | 45 | 41 | 36 | 31 | | | 65 | 60 | 55 | 51 | 46 | 41 | 37 | 32 | | 70 | 65 | 61 | 56 | 51 | 47 | 42 | 37 | 32 | 28 | 71 | 66 | | | |
| Dra | AI | S10 | | | | 32 | 52 | | | | | 31 | 51 | | | | | 31 | 50 | | | | | 30 | 50 | | | | 29 | 49 | | | | | |
| Dra | BF | | | | | | | 94 | | | | | | | 35 | | | | | 15 | | | | | 57 | | | | 36 | | | | | | |
| Dra | BK | 90 | | 43 | 61 | | 39 | 57 | | 35 | 53 | | 31 | 50 | 68 | | 46 | 64 | | 42 | 60 | | 38 | 56 | | 34 | 52 | 71 | 30 | 48 | 67 | 26 | | | |
| Dra | BU | E10S | | | | | | | | | | | 46 | | | | 29 | | | | | | | | | | | | | | | | | | |
| Dra | EX | K10 | 43+ | 38+ | 43+ | 37+ | 42+ | 37+ | 41+ | 36+ | 41+ | 35+ | 40+ | 35+ | 40+ | 34+ | 39+ | 34+ | 39+ | 33+ | 38+ | 33+ | 38+ | 32+ | 37+ | 31+ | 36+ | 31+ | 36+ | 30+ | 35+ | 30+ | | | |
| Dra | GV | L10 | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | 16 | | | | |
| Equ | S | S10 | | | | | | | | | | | | | | | | | | | | | | 45 | | | | | | | 32 | | | | |
| Eri | SV | 90 | 56 | | | | | 55 | | | | | 55 | | 69 | | | 55 | | 69 | | | 54 | | 69 | | 54 | | 68 | | | | | | |
| JD | 561 | .. | 72 | 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 | 562 | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 00 | 01 | | |

| 2012 Spt | | 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 | | | | | | | | | | | | | | | |
|-----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|--|--|--|--|----|--|--|--|--|
| Per LX | L10 | 58s | | | | | 60 | | | | | 62s | | | | | 64 | 66s | | | | | 68 | | | | | 70s | | | | | | | | | | | | | | | | | | |
| Per beta | S10 | | | | | | | | | | | | | | | | 58 | 44 | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | |
| Psc RY | 90 | 45 | 51 | 57 | 63 | | | | | | 39 | 45 | 51 | 57 | 63 | | | | | | 34 | 40 | 46 | 52 | 58 | | | | | 35 | 41 | 47 | 53 | 58 | | | | | | | | | | | | |
| Psc SS | 90 | 55 | 41 | 56 | 43 | 58 | 44 | 59 | 46 | 61 | 47 | 33+ | 48 | 35+ | 50 | 36+ | 51 | 38+ | 53 | 39+ | 54 | 41+ | 56 | 42+ | 28+ | 43 | 30+ | 45 | 31+ | 46 | 33+ | | | | | | | | | | | | | | | |
| Sge SY | E10S | 56 | | | | | | | | | | 32 | | | | | | | | | | 28 | | | | | 33 | | | | | | | | | | | | | | | | | | | |
| Ser AN | 90 | | | | | | | | | | | 30 | | | | | 34 | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser BH | 90 | 34 | | | | | | | | | | 30 | | | | | 34 | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser EG | L10 | | | | | | | | | | | 10 | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser LX | K10 | 35 | | | | | 30 | 36 | 31 | 37 | | | 32 | 33 | | | | | 34 | 29 | 31 | | | | | 32 | | | | | 27 | 33 | 28 | 29 | | | | | | | | | | | | |
| Sex T | 90 | | | | | | | | | | | 62 | | | | | | | | | | 69 | | | | | 71 | | | | | | | | | | | | | | | | | | | |
| Tau RW | S10 | | | | | | | | | | | 62 | | | | | | | | | | 69 | | | | | 71 | | | | | | | | | | | | | | | | | | | |
| Tau CD | S10 | | | | | | 52 | | | | | | | | | | 67s | | | | | 54s | | | | | 70 | | | | | 57 | | | | | | | | | | | | | | |
| Tau EN | E10S | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tau V1094 | L10 | 45 | | | | | | | | | | 32 | | | | | 44 | | | | | 31 | | | | | 43 | | | | | 30 | | | | | 42 | | | | | | | | | |
| Tau V1125 | E10S | | | | | | | | | | | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tri X | S10 | 62s | 60s | 57s | 54s | 51s | 48s | 45s | 43s | 40s | 37s | 34s | | | | | 68 | 66 | 63 | 60 | 57 | 54 | 51 | 48 | 46 | 43 | 40 | 37 | 34 | 31 | 28 | | | | | | | | | | | | | | | |
| Tri RU | E10S | | | | | | | | | | | 33 | | | | | 60 | | | | | 64 | | | | | 57 | 50 | 44 | 37 | | | | | 67 | | | | | | | | | | | |
| Tri UX | 90 | 43 | 36 | 63 | | | 57 | 50 | 43 | 37 | | | | | | 64 | 57 | 50 | 44 | 37 | 57 | 51 | 44 | 37 | 31 | | | | | | 58 | 51 | 44 | 38 | | | | | | | | | | | | |
| UMa W | S10 | 32+ | 32+ | 32+ | 66s | 66s | 66s | 66s | 66s | 66s | 66s | 50+ | 50+ | 50+ | 50+ | 50+ | 50+ | 50+ | 50+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | 51+ | | | | | | | | | | | | | | | |
| UMa RV | RR | 41 | 35 | | | | 43 | | | | | 37 | 30 | | | | | | 39 | 33 | 67 | | | | | 41 | | | | | 35 | 28 | 69 | | | | | | | | | | | | | |
| UMa TU | RR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | | | | | | | | | | | | | | |
| UMa TX | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | | | | | | | | | | | | | |
| UMi W | S10 | 56 | | | | | | | | | | 66 | | | | | 36 | | | | | 46 | | | | | 57 | | | | | 27 | | | | | 67 | | | | | 37 | | | | |
| Vir CG | E10S | 30s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vul Z | S10 | 43s | | | | | 34s | | | | | | | | | | 47 | | | | | 38 | | | | | 29 | | | | | 43s | | | | | | | | | | | | | | |
| Vul RR | E10S | 54 | | | | 59 | | | | | | | | | | 40 | | | | | 37 | 34 | | | | | 31 | | | | | 50 | 28 | | | 47 | 44 | | | | | | | | | |
| Vul BN | 90 | 52 | 49 | | | | | | | | 46 | 43 | | | | 40 | | | | | 37 | 34 | | | | | 31 | | | | | 50 | 28 | | | 47 | 44 | | | | | | | | | |
| Vul DR | E10X | | | | | | 37 | | | | | 38 | 43 | | | | 38 | | | | | 38 | 38 | | | | | 38 | | | | | 39 | 41 | | | | | | | | | | | | |
| Vul EV | E10S | | | | | | 47 | | | | | 30 | | | | 53s | | | | | 35s | | | | | 41 | | | | | | | | | | | | | | | | | | | | |
| JD 561 | .. | 72 | 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 | 00 | | 01 | | | | | | | | | | | | | | |
| JD 562 | .. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 2012 Okt | | 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 | 48 | 36 | 25+ | 57 | 46 | 34 | 67 | 55 | 44 | 32 | 65 | 53 | 42 | 30 | 63 | 52 | 40 | 28 | 61 | 50 | 38 | 26 | 59 | 48 | 36 | 24 | 57 | 46 | 34 | 23 | 55 | | | | | | |
| And SY | L10 | | | | | | | | | | | 36 | | | | | | | | | | 60 | | | | | | | | | | | | | | | | |
| And TW | S10 | | | | | | | | | | | 48 | | | | | | | | | | 60 | | | | | | | | | | | | | | | | |
| And XX | 90 | 35 | 51 | | | 68 | 40 | 57 | | | 30 | 74 | 46 | 63 | | | 35 | 52 | 25 | 69 | 41 | 58 | 31 | 47 | | | 64 | 36 | 53 | | | 26 | 70 | | | | | |
| And CD | L10 | 1\ | | | | | \ | 8 | / | 14/ | | | | | | | | | | | | | 23\ | | | | | \ | 30s | | | / | 36/ | | | | | |
| JD 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | |

| 2012 | Okt | | 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 | OV | 90 | 66 | 60 | 54 | 48 | 42 | 36 | 30 | 25+ | 66 | 60 | 54 | 48 | 42 | 36 | 30 | 25 | 66 | 60 | 54 | 48 | 42 | 36 | 30 | 25 | 66 | 60 | 54 | 48 | 42 | 36 | 30 | |
| Aqr | SW | RR | 31 | | | | 44 | 36 | 28 | | | | 41 | 33 | 25 | | | 38 | 30 | | | | | 35 | 27 | | | | 41 | 32 | 24 | | | |
| Aqr | SX | 90 | 44 | | | | | 27 | 34 | 41 | 48 | | | | | 30 | 37 | 44 | | | | | 27 | 34 | 41 | | | | 23 | 30 | 37 | | | |
| Aqr | CD | E10S | 42 | | | | | 26 | | | | | 10 | | | | 93 | | | | | | | | | 61 | | | | | 45 | | | |
| Aqr | HH | 90 | 41 | | | 28 | 43 | | | 30 | 45 | | | 33 | 47 | | | 35 | | | | | | | 24 | 39 | | | 26 | 41 | | 28 | | |
| Aqr | LL | L10 | | | | | | | 36 | | | | | | | | | | | | | | | | | | | 26 | 41 | | | | | |
| Aql | AA | RR | 41 | | | 30 | 39 | | | 28 | 37 | | | 26 | 35 | | | 24 | 33 | | | | 31 | | | | 29 | 37 | | | 27 | 35 | | |
| Aql | V341 | 90 | 28 | 43 | | | | | | | 37 | | | 26 | 42 | | | 31 | | | | | | | 24 | | | 29 | | | | | | |
| Aql | V889 | L10 | 37 | | | | 31 | | | | | | | 49 | | | | 43 | | | | | | | 61 | | | 55 | | | | | | |
| Aql | V1353 | E10S | | | | | 33s | | | | | 28 | | 40s | | | | 36 | | | | | | 31s | | | | 26 | | 38s | | | | |
| Aql | V1426 | E10S | 86 | | 4 | 21 | 39 | 56 | 74 | 91 | | 9 | 26 | 44 | 61 | 79 | 96 | | 14 | 31 | 49 | 66 | 84 | 1 | 19 | 36 | 54 | 72 | 89 | | 7 | | 24 | |
| Aql | V1430 | E10S | 37 | | | | | | | 36 | | | | | | | 35 | | | | | | | 34 | | | | | | 33 | | | | |
| Ari | X | RR | | 40 | 70 | | 65 | | 61 | | 56 | | 51 | | 47 | 42 | | 72 | 38 | 68 | 33 | 63 | | | | 54 | | 49 | | 44 | | 40 | | |
| Ari | RS | L10 | | | 76 | | | | | 16s | | | | 57 | | | | 97s | | | | | 37 | | | 77s | | | | | | 17 | | |
| Ari | AL | E10S | | | | | | | | 37 | | | | | | | | | | | | | | | 36 | | | | | | | | | |
| Aur | TZ | 90 | 46 | 63 | | 59 | | 55 | 72 | 51 | 68 | 47 | 64 | 42 | 60 | | 56 | 73 | 52 | 69 | 47 | 65 | 43 | 61 | 39 | 57 | 74 | 52 | 70 | 48 | 66 | 44 | 62 | |
| Aur | CQ | L10 | | | | 4s | | | | | 35 | | | | | 66s | | | | | | | | | | | 29s | | | | | | | |
| Aur | IY | E10S | | | | | | | | | | 71 | | | 50 | | | | | | | | | | | 67 | | | 47 | | | | | |
| Aur | V432 | E10S | | 28 | | | 36 | | | | 44 | | 52 | | | | | | | | | | | | | | | | | | | | | |
| Boo | RS | RR | | | | | | | | | | 25 | | | 27 | | | | | | | | | | | 22 | 73 | | 24 | 74 | | | 76 | |
| Boo | TW | 90 | | | | | | | 28 | | | | | | | 73 | 27 | | | | | | | 72 | 25 | | | | | | 70 | | 23 | |
| Boo | UU | 90 | | 33 | 25 | | | | | 27 | | | | | 30 | | | | | | | 24 | | | | 27 | | | | 75 | | | | |
| Boo | AC | E10D | | 30s | 36s | | 30 | 36 | | 29s | 35s | | 29 | 35 | | 29s | 34+ | 75s | 28 | 34+ | 75 | 28s | 33+ | 74s | 27 | 33+ | 74 | 27s | 68s | 74s | 26 | 67 | 73 | |
| Boo | CQ | 90 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cam | SS | E10S | | 85s | | | 26 | | 67s | | | 9 | | 50s | 91 | | | 32s | 73 | | | | 14s | 55 | | 97s | | | 38 | | | 79s | | |
| Cam | SV | S10 | 66 | | 44 | 62 | | 40 | 59 | | 37 | 56 | 74 | 33 | 52 | 71 | 30 | 49 | 67 | 27 | 45 | 64 | 23 | 42 | 60 | 38 | 57 | 75 | 35 | 53 | 72 | 31 | | |
| Cam | AK | E10S | | 37 | | 60 | | | | | | | 28 | | 51 | 73 | | | | | | | | 41 | 64 | | | | | | | | 32 | |
| Cam | AN | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | |
| Cam | AT | E10S | 51s | | 61 | 31s | 70s | 40 | | 49s | | 59 | 29s | 68s | 38 | | 47s | | 57 | 27s | 66s | 36 | 75 | 45s | 55 | 24s | 64s | 34 | 73 | 43s | | 53 | | |
| Cnc | S | L10 | | | | | | | | | 12 | | | | | | | | 60 | | | | | | | | | | 9 | | | | | |
| Cnc | RU | L10 | | | | | | | | | | 24 | | | | | | | | | | 41 | | | | | | | | | 58 | | | |
| Cnc | RW | 90 | | | | 63 | 73 | | | | 56 | 65 | 74 | | | 58 | 67 | | | | | | | | | | | 52 | 61 | 71 | | | | |
| Cnc | RZ | L10 | | | | | | | 30\ | 93 | / | 55/ | | | | | | | | | 13\ | 75s | / | 37/ | | | | | 95\ | \ | 57 | | | |
| Cnc | TT | 90 | | | | 64 | | | | 59 | 72 | | | | 66 | | | | 60 | 73 | | | 55 | 67 | | | 62 | 75 | | | | | 69 | |
| Cnc | TU | E10S | | | 56 | | | | | | | 12 | | | 68 | | | | | | | 24 | | | | 81 | | | | | | | 37 | |
| Cnc | UU | L10 | / | / | / | / | / | / | / | / | / | / | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | ZZ | L10 | | 9\ | 11 | 14/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | AQ | 90 | | 62 | 72 | | | | | 66 | | | | | 59 | 69 | | | | | | | | | | | 56 | 66 | 76 | | | 60 | 69 | |
| CVn | W | 90 | 29 | | | | | 25 | | | | | | | | | | 74 | | | | | 70 | 25 | | | | 67 | 22 | | | | | |
| JD | 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | |

| 2012 Okt | | 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 | | | | | | | | | | 70 | | 66 | | 63 | | 24 | | | | | | | | 74 | | 70 | | | 67 | | 63 | | |
| CVn RS | S10 | | | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVn RZ | 90 | 28 | | | | 25 | | | | | | | | | | | 73 | | | | | 70 | | | 68 | | | | | | | | | |
| CMa R | S10 | | | | | | | | | | | | | | 70 | | | | | | | | 65 | | | | | | | 60 | | | | |
| CMi AM | E10S | 65 | 66 | 68 | 70 | 72 | | | | | | | | | | | | | | | | | | 56s | 58s | 60s | 62s | 63s | 65s | 67s | 69s | 71s | | |
| Cas RX | L10 | | | 60 | / | / | / | / | | | | | | | | | \ | \ | \ | 77s | / | / | / | / | / | | | | | | | \ | | |
| Cas RZ | S10 | 27 | 47 | 66 | | | | 25 | 44 | 64 | | | | | | 42 | 61 | | | | | | 59 | | | | 37 | 57 | 76 | | | | | |
| Cas SX | L10 | | | | | | | | | | 68\ | \ | 51s | / | 34/ | | | | | | | | | | | | | | 96\ | \ | 79 | | | |
| Cas TV | S10 | | | | | 66 | | 47 | | 28 | | | | | 72 | | 53 | | 34 | | | | | | 59 | | 41 | | | 22 | | | | |
| Cas TW | S10 | | | 49 | | | 35 | | | | 63 | | 49 | | | | 35 | | | | | | | 49 | | | 34 | | | | 63 | | | |
| Cas TX | E10S | | 29 | | | | 68s | | | 61s | | | 54s | | 46s | | | | 39s | | | | 32s | | 24s | 71 | | | 64 | | | 56 | | |
| Cas AQ | L10 | | | | 25\ | 31 | 36/ | | | | 11\ | 17s | 22/ | | 97\ | | \ | 3 | 8/ | | | 83\ | 89s | 94/ | | | 69\ | 75 | 80/ | | | | | |
| Cas DN | E10S | | | | | 38 | 54s | 70 | | | | | 32 | 47s | 63 | | | | | | 25 | 41s | 56 | 72s | | | 34s | 49 | 65s | | | | | |
| Cas GG | E10S | 50 | | | | 26 | | | | | | | | | | | 53 | | | | | | | | | | | | | | | | 57 | |
| Cas GU | E10U | 59 | | | 69 | | | | | | | | 35 | | | | | | | | | | | 25 | | | 34 | | | | 43 | | | |
| Cas IL | E10S | | | | 45 | | | | | | | | 56 | | 31 | 46 | | | 26 | | | | 71 | | | | | | 61 | | | | | |
| Cas IT | E10X | 62 | | | | 52 | | 67 | | 42 | | | | | | | | | | | | | | 25 | | | | | | | | | | |
| Cas OX | E10X | | | 49 | 72 | | | | 47 | 70 | | | | | 44 | 68 | | | | | | | | 40 | 64 | | | | | 38 | 62 | | | |
| Cas PV | E10X | | | | 65 | 57 | 41 | 32 | | | | 66 | 57 | 41 | 32 | | | | 66 | 57 | 41 | 32 | 32 | | | 66 | 58 | 41 | 33 | | | | | |
| Cas V368 | E10S | | | | | | 29 | | | | | 74 | | | | | | | | | | | | | | | | | | | 55 | | | |
| Cas V375 | E10D | 46 | | 67s | 41 | | 62s | 35 | | 56s | 30 | | 51s | 25 | 72 | 46s | | 67 | 40s | | 61 | 35s | | 56 | 30s | | 51 | 24s | 72s | 45 | | 66s | | |
| Cas V381 | E10X | | | | 70 | 56 | 44 | 31 | | | | 68 | 55 | 43 | 29 | | | | | | | | 28 | | | 65 | | 52 | 40 | 26 | | | | |
| Cas V459 | L10 | 72 | | | | 89 | | | | | 18 | | | | 35 | | | | | | | | | 81 | | | | | | 10 | | | 26 | |
| Cep RZ | 90 | 32+ | 55 | 48 | 41+ | 33+ | 26+ | 49 | 42+ | 34+ | 27+ | 50 | 43+ | 36+ | 28+ | 52 | 44+ | 37+ | 29+ | 53 | 45 | 38+ | 31+ | 23+ | 47 | 39+ | 32+ | 24+ | 48 | 40+ | 33+ | 26+ | | |
| Cep VW | S10 | 38+ | 35+ | 32+ | 30+ | 27+ | 25+ | 36+ | 33+ | 31+ | 28+ | 26+ | 37+ | 34+ | 32+ | 29+ | 27+ | 24+ | 35+ | 33+ | 30+ | 28+ | 25+ | 36+ | 34+ | 31+ | 29+ | 26+ | 23+ | 35+ | 32+ | 29+ | | |
| Cep XX | S10 | | | | | | | | | | | | | | 57 | | | | | | | | 58 | | | | | 25 | | 59 | | | | |
| Cep XY | E10S | | | 51 | | | 28 | | | | | | | | 61 | | | | 38 | | | | | | | 71 | | | | 48 | | | 26 | |
| Cep ZZ | S10 | 34 | | 48 | | 62 | | | | | | | | | | | 33 | | 48 | | | | | | | | | | | | | | 33 | |
| Cep AI | E10S | | 57 | | 68s | | | | | | | | | | | | | 36s | | 47 | | | 58s | | 69 | | | | | | | | | |
| Cep CW | E10X | 27 | 58 | | | 31 | 73 | | | 46 | | | 49 | | | | | | | | | | 65 | | 37 | | 68 | | | | 56 | | | 29 |
| Cep EI | L10 | | | | 65 | | | | 87s | | | | 9 | | | | | | 31s | | | | 53 | | | 75s | | | | 97 | | | | |
| Cep EX | L10 | | | | 14 | | | | | | | | | | | | | | 58 | | | | | | | | | | | | | | 1 | |
| Cep NN | E10S | 70 | | | | | | | | | | | | | | | | | | | | | | | 23 | | 26s | 28 | 31s | 34 | 37s | | 55s | |
| Cet RR | RR | | 42 | 53 | 63 | | | 40 | 50 | 61 | | | 38 | 48 | 59 | | | | 35 | 46 | 56 | | | | | | 40 | 43s | 46 | 49s | 52 | | | |
| Cet RV | 90 | | 55 | | 42 | | | 53 | | 40 | | | 52 | | 39 | | | | 51 | | 38 | | | | | 50 | | 48 | | 35 | | | | |
| Cet TU | E10S | 87 | | | | | 26 | | | | 65 | | | | | 4 | | | | | | | | | | | | | | 22 | | | | |
| Cet TV | L10 | | | | 36 | | | | 85 | | | | | | 46 | | | | 95 | | | | | | | 83 | | | | | | | 67 | |
| Cet XY | E10S | | | | 66 | | | 44 | | | | 61s | | | 39s | | | | | | 56 | | 35 | | | 57 | | 6 | | | | | | |
| Com S | 90 | | | | | | | | | 73 | | | | | | | | | | | | | | | | 74 | | | | | | | | |
| JD 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | |

| 2012 | Okt | | 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 | | | |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| CrB | U | S10 | | 31 | | | | 27 | 26 | 26 | 25 | 25 | 24 | 24 | | | | | | | | | | | | | | | | | | | | | | |
| CrB | RV | 90 | 29 | 29 | 28 | 28 | 27 | 28 | 40 | 52 | | | 32 | 45 | | | 25 | 37 | 49 | | | 30 | 42 | | | 22 | 34 | 46 | | | 27 | 39 | | | | |
| Cyg | UY | RR | | 35 | 47 | | | 41 | 34 | 28 | | 61 | 54 | 48 | 41 | 34 | 28 | 54 | 61 | 54 | 48 | 41 | 34 | 28 | | 54 | 48 | 41 | 34 | 27 | | | | | | |
| Cyg | XZ | RR | 28 | | 61 | 55 | 48 | 41 | 34 | 28 | | 61 | 54 | 48 | 41 | 34 | 28 | 54 | 61 | 54 | 48 | 41 | 34 | 28 | | 54 | 48 | 41 | 34 | 27 | | | | | | |
| Cyg | BO | E10S | | | 44 | | | | | | | 46 | | | | | | 49 | | | | 24 | | | | 51 | 27 | | | | | | 54 | | | |
| Cyg | BR | E10S | | | 34 | | | | 33 | | | | 33 | | | | 33 | | | | | | | | | 32 | | 32 | | | | | 32 | | | |
| Cyg | DM | RR | 32 | 58 | 42 | 26 | 52 | 36 | | 46 | 30 | 56 | 40 | 24 | 50 | 34 | | 44 | 28 | 54 | 38 | | | 48 | 32 | | 42 | 26 | 52 | 36 | | 46 | 29 | | | |
| Cyg | EM | K10 | 57 | 44 | 32 | 48 | 35 | 52 | 39 | 26+ | 43 | 30 | 46 | 34 | 50 | 37 | 24+ | 41 | 28 | 44 | 32 | 48 | | 35 | 23+ | 39 | 26 | 43 | 30 | 46 | 34 | 50 | 37 | 24 | | |
| Cyg | V367 | L10 | 43s | / | / | | | | | | | 73 | / | / | / | | | | | | | | 3s | / | / | | | | | | | 33 | / | / | | |
| Cyg | V463 | E10S | 48 | | | | | | | | | | | | | | | 30 | | | 42 | | | | | | | | | | | | | | | |
| Cyg | V477 | | | 48 | | | 52 | | | | | 52 | | 56 | | | | | 25 | | | | | | | 29 | | | 30 | | | | | 33 | | |
| Cyg | V541 | L10 | | | | | | | 59 | | | | | | | 91 | | | | | | | | | | | | | | | | | | 25 | | |
| Cyg | V548 | E10S | | | | | | | 58 | | 38 | | | | | | | 60 | | | 41 | | | | | | | | 43 | | 24 | | | | | |
| Cyg | V788 | L10 | | | | | | | | | | | | | 0\ | 92/ | | | | | | | | | | | | | | | | | | | | |
| Cyg | V891 | E10S | | | | | 46 | | 37 | | 28 | | | | | | | | | | | | | | | | | 43 | | 33 | | 24 | | | | |
| Cyg | V909 | E10S | 27 | | | | 48s | | | 29s | | | | | | | 30 | | | | | | | | | | | | | | | | | | | |
| Cyg | V1061 | E10S | 27 | | 62 | | | | | 31 | | | | | | | 35 | | | | | | | | | | | | | | | | | | | |
| Cyg | V1918 | E10D | 32+ | 36+ | 39 | 42s | 46 | 28+ | 32+ | 35+ | 38s | 41 | 45s | 27+ | 31+ | 34+ | 37 | 41s | 44 | 26+ | 30+ | 33+ | | 36s | 40 | 43s | 26+ | 29+ | 32+ | 35 | 39s | 42 | 25+ | 28+ | | |
| Del | DX | 90 | 49 | 43 | 38 | 32 | 27 | | | | | 47 | 41 | 36 | 30 | 25 | | | | | | | 45 | 39 | 34 | 28 | 23 | | | | | | | | 26 | |
| Dra | RW | RR | | 55 | 44 | 33 | | 54 | 43 | 31 | | 53 | 41 | 30+ | | 51 | 40 | 29+ | | 50 | 39 | 27+ | | 49 | 37 | 26+ | | 47 | 36 | 24+ | | 46 | | 34 | | |
| Dra | SU | RR | 43 | | 41 | 73 | 40 | 72 | 38 | 70 | 36 | 68 | 34 | 66 | 32 | 64 | 30 | 62 | 28 | 60 | 26 | 59 | | 25 | 57 | 23 | 55 | | 53 | | 51 | | 49 | | | |
| Dra | SW | RR | 39 | 53 | 67 | | 38 | 52 | 66 | | 37 | 51 | 65 | | 36 | 50 | 63 | | 34 | 48 | 62 | | | 33 | 47 | 61 | 75 | 32 | 46 | 60 | 74 | 31 | 45 | | 59 | |
| Dra | TZ | E10D | | | | 52 | 39 | 25 | | | | 25 | 45 | 31 | | | | | | | | 38 | 24 | | | | 44 | 31 | | | | | | 37 | | |
| Dra | VZ | 90 | 36+ | 33 | 29 | 25 | 54 | 50 | 46 | 43 | 39+ | 35+ | 32 | 28 | 24 | 53 | 49 | 45 | 42+ | 38+ | 34+ | 30 | | 27 | 23 | | 48 | 44+ | 40+ | 37+ | 33+ | 29+ | 26 | | 22 | |
| Dra | WW | S10 | | | | | | | | 68 | | | | | | 31 | | | | | | | | | | | 57 | | | | | | | | | |
| Dra | XZ | RR | 61 | 57 | 52 | 47 | 42 | 38 | 33 | 28 | 71 | 67 | 62 | 57 | 52 | 48 | 43 | 38 | 34 | 29 | 24+ | 67 | | 62 | 58 | 53 | 48 | 44 | 39 | 34 | 30 | 25+ | 68 | | 63 | |
| Dra | AI | S10 | | | | 29 | 49 | | | | | 28 | 48 | | | | | | | | | | | | | 27 | | | | | | | | | | |
| Dra | BF | | | | | | | | | | | 57 | | | | | | | | | | | | | | 78 | | | | | | | | | | |
| Dra | BK | 90 | 44 | 63 | | 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 | | | | 43 | | | | 26 | | | | | | | | | | | 74 | | | | | | | | | 40 | | | | | 23 | |
| Dra | EX | K10 | 35+ | 29+ | 34+ | 29+ | 34+ | 28+ | 33+ | 28+ | 33+ | 27+ | 32+ | 26+ | 31+ | 26+ | 31+ | 25+ | 30+ | 25+ | 30+ | 24+ | | 29+ | 24+ | 29+ | 23+ | 28+ | 23+ | 27+ | 22+ | 27+ | 32+ | | 26+ | |
| Dra | GV | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Equ | S | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eri | SV | 90 | 54 | | | | | 54 | | | | | 53 | | | | | 53 | | | | | | 53 | | | 37 | | | | | | 25 | | 52 | |
| Gem | U | K10 | 30+ | 37+ | 43 | 31+ | 37+ | 43 | 32+ | 38+ | 27+ | 33+ | 39+ | 27+ | 33+ | 40 | 28+ | 34+ | 40 | 29+ | 35+ | 23+ | | 29+ | 36+ | 24+ | 30+ | 36 | 25+ | 31+ | 37 | 26+ | 32+ | | 38 | |
| Gem | RR | 90 | 65 | | 64 | | 62 | | 61 | | 59 | | 58 | | 57 | | 55 | 75 | 54 | 73 | 53 | 72 | | 51 | 71 | 50 | 69 | 49 | 68 | 47 | 66 | 46 | 65 | | 45 | |
| Gem | RY | L10 | | 80 | | | | | | | | | | 10 | | | | | | | | | | | | | | | | | | | | | | 70 |
| Gem | WW | E10S | | 59s | | | 68 | | 54s | | | 63 | | 49s | 73s | | 58 | | | | | | | | | | | | 73 | | 58s | | 44 | | 68 | |
| Gem | YY | S10 | 60s | | 63 | | 67s | 48s | 70 | 52 | | 55s | 59 | | 62s | | | 66 | 47 | 70s | 51s | 73 | | 55 | | 58s | 62 | 43 | 65s | 47s | 69 | 50 | | 72s | | |
| JD | 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | 32 | | |

| 2012 Okt | | 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 V339 | E10U | | | 39 | | | 27 | | | | | | | | | | | | | | | | | | | 43 | | 31 | | | | | | |
| Her TW | RR | | 34 | | 34 | | 33 | | 33 | | 33 | | 33 | | 33 | | 32 | | 32 | | 32 | | 32 | | 32 | | 31 | | 31 | | 31 | | | |
| Her TX | S10 | | | | | | | | | | | | | | | | | | | | | | | 24 | 27s | | 30 | 33s | 36 | 39s | | | | |
| Her UX | E10D | | 32 | | | | | | | | | | | | | | 26 | | | | | | | | | | | | | | | | | |
| Her VX | RR | | | | | 26 | | | | | 27 | | | | | 27 | | | | | | 28 | | | | | | | | | | | | |
| Her VZ | 90 | | | 35 | | | | 31 | | | 39 | 27 | | | 36 | 24 | | | | | 32 | | 28 | | 36 | | 25 | | | 33 | | | 22s | |
| Her AK | S10 | 30s | 35 | | 25s | 30 | 35s | | 25 | 31s | | | 26s | 31 | | | 26 | 31s | | | | | 32 | | 27 | | | 22 | 27s | | | | | |
| Her AR | 90 | 44 | 38 | 32 | 26 | | | | | | 37 | 31 | 25 | | | | | | | | 36 | 30 | 24 | | | | 35 | 29+ | 23 | | | | | |
| Her AW | L10 | | | | 40 | | | | | | | | | 20 | | | | | | | | | 0 | | | | | | | | 80 | | | |
| Her DI | L10 | | | | | | | 89 | | | | 32 | | | | | | | | | | 44 | 87 | | | | | | 99 | | | | | |
| Her GU | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30s | |
| Her LV | | | | | | | | | | | | 26 | | 79 | | | | | | | | | | | | | | | | | | | | |
| Her MM | E10S | 33 | | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hya SZ | 90 | | | | | | | | 72 | | | | | | | | | | | | | | 25 | | | | | | | | | | | |
| Hya WZ | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hya AI | L10 | | 79 | | | | | 42 | | | | 8 | | | | 71 | | | | | | | | | | | | 76 | | | | | | |
| Hya ET | 90 | | | | | 72 | | | | | | | | | | | 69 | | 75 | | | | | | 0 | | 66 | | | | | | | |
| Lac RW | L10 | | | 33 | | | | | | 45 | | | | | 70 | | | | | | | | | | | | 66 | | | 72 | | | | |
| Lac SW | S10 | 36+ | 32+ | 28+ | 25+ | 37+ | 33+ | 29+ | 26+ | 38+ | 34+ | 30+ | 27+ | 39+ | 35+ | 31+ | 27+ | 24+ | 36+ | 32+ | 28+ | 25+ | 37+ | 33+ | 29+ | 25+ | 22+ | 34+ | 30+ | 26+ | 23+ | 35+ | | |
| Lac UW | E10S | | | | | 33 | | | | | 62 | | | | | 91 | | | | | | | 20 | | | | | 49 | | | | | | 78 |
| Lac CO | E10X | | 71 | 48 | 25 | | 56 | 33 | | 65 | 42 | | 73 | 50 | 27 | | 59 | 36 | | | 67 | 44 | | | | 52 | 30 | 61 | 38 | | 69 | 47 | 24 | |
| Lac CZ | 90 | 44 | 30 | 60 | 46 | 32 | 62 | 49 | 35 | 65 | 51 | 37 | 24+ | 53 | 40 | 26 | 56 | 42 | 29 | | 58 | 45 | 31 | 61 | 47 | 34 | 63 | 50 | 36 | 23 | 52 | 39 | 25 | |
| Lac V345 | E10X | 50 | | | 14 | | | | | 99 | | | | | | | 49 | | | | | 13 | | | | | 98 | 62 | | | | | | 47 |
| Lac V364 | E10X | | 58 | | | | 34 | | | | | | | | | | | 29 | | | | | | | | | | | 39 | | | | | |
| Leo RR | RR | | 66 | | | | 73 | 63 | | | | 71 | 61 | | | | 68 | 59 | | | | 75 | 66 | 56 | | 73 | 64 | | | | 71 | 61 | | |
| Leo SS | RR | | | | | | | | | | | | | | | | | | | | | | | | | 71 | | | | | 72 | | | |
| Leo ST | RR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 68 | |
| Leo AG | E10S | | | | | | | | | 61 | | | | | | | | | | | | | | | | | | 58 | | | | | | |
| Leo AM | S10 | | | | | | 69s | | 70 | | 72s | | 73 | | 74s | | 75 | 67s | | | 68 | | 69s | | 70 | 71s | | 73 | 64s | 74s | 65 | | 75 | |
| Leo FM | E10U | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | |
| Lyn TY | E10S | | | | | | | | | | 69 | | | | | | | | | | | | | | | | | | | | | | | |
| Lyn CD | E10S | | | | | | | | | | 57 | | | | | | | | | | | | | | | | | | | | | | | |
| Lyr RR | RR | | 37 | 50 | | | 34 | 47 | | | 31 | 44 | | | | 27 | 41 | | | | | | | | | | | | 31 | 45 | | | | 28 |
| Lyr RZ | 90 | | | | 26 | 28 | 30 | 33 | 35 | 37 | 39 | 42 | 44 | | | | | | | | | | | | | | | 24 | 27 | 29 | 31 | 33 | | 36 |
| Lyr UZ | S10 | | | 46 | | 35 | | | | | | | | | | | | | | | | 48 | | 37 | | 26 | | | | | | | | |
| Lyr CN | 90 | | 35 | | 40 | | 46 | 28 | | 34 | | 40 | | | 28 | | 33 | | 39 | | | | 27 | | 33 | | 38 | | | 26 | | 32 | | |
| Lyr EZ | RR | 37 | 42 | 47 | | | | | | 25 | 30 | 35 | 40 | 45 | | | | | | | 23 | 28 | 33 | 38 | 43 | | | | | | 26 | | 31 | |
| Lyr IO | 90 | | | 26 | 41 | | | 30 | 45 | | | 34 | | | | | | | | | 38 | | | | | | | 34 | | | 23 | 38 | | |
| Lyr beta | S10 | | | 96s | | | | | | | 43 | | | | | | 90s | | | | | | | | | | | | | | | 84s | | |
| JD 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | |

| 2012 | Okt | | 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 | UX | E10S | 90 | | | 86s | | | 81 | | | 76s | | 71 | | | | 66s | | | 62 | | 57s | | | 52 | | | 47s | | | 43 | | | |
| Mon | VV | E10S | | | | 58 | | | | | | 63 | | | | | | 68 | | | | | 73 | | | | | 78 | | | | | | | |
| Mon | AQ | E10S | 66 | | | | | | | | | | | | | | 66s | | | | | 75s | | | | 57 | | | | 66 | | | | | |
| Mon | AR | L10 | 92/ | | | | | | | | | 83\ | 68 | 53/ | | | | | | | | | 43\ | 28s | 13/ | | | | | | | | | | |
| Mon | AV | E10S | | | | | | 48 | | | | | | 43 | | | | | | | | | | | | | | 32 | | | | | | | |
| Mon | EZ | E10U | 55s | 30s | 43 | 56s | 31s | 44 | 57s | 32s | 45 | | 33s | 46 | | 34s | 47 | | 35s | 48 | | 36s | 49 | 24 | 37s | 50 | 25 | 38s | 51 | 26 | 39s | 52 | 27 | | |
| Mon | IL | E10S | | | | 40 | | | | 43 | | | | 45 | | | | 48 | | | | | | | | 53 | | | 56 | | | | | | |
| Mon | V448 | E10S | | 59s | 70s | | | | 62 | | | | 53s | 65s | | | | 57 | 68 | | | | 60s | 72s | | | 51 | 63 | 75 | | 55s | 67s | | | |
| Mon | V530 | E10U | 65s | 70s | | | 59 | 65 | 70 | | | 59s | 64s | 69s | 74s | 53 | 58 | 63 | 68 | 73 | 52s | 57s | 62s | 67s | 73s | 51 | 56 | 62 | 67 | 72 | 51s | 56s | 61s | | |
| Mon | V536 | | | | | | | | | | | | | | | | | | | | | | 63 | | | | | | | | | | 28 | | |
| Mon | V634 | E10U | | | 67 | | | | | | | | | | | | | | | | | | 69 | | | | | | | | | | | | |
| Oph | ST | 90 | | | 28 | | | | | | | | | 29 | | | | | | 25 | | | | | | | | 25 | | | | | | | |
| Ori | Z | E10S | 29 | | | | | 49 | | | | | 69 | | | | | 90 | | | | | 10 | | | | | 30 | | | | | | | |
| Ori | BM | E10S | 27 | | | | | | 75 | | | | | | | 22 | | | | | | | | | | | | 16 | | | | | | | |
| Ori | CP | E10S | | | 58 | | | | 90 | | | | | | | 22 | | | | | 54 | | | | | 86 | | | | | 18 | | | | |
| Ori | DN | L10 | | | | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | | |
| Ori | FO | L10 | | | 93 | | | | | | | | | | | | | | | | | | | 73 | | | | | | | | | | | |
| Ori | FT | E10X | | | | | | | | | | | | 50 | 51 | | | 65 | 66 | | | | | | | | | | | | | | | | |
| Ori | GG | E10X | | | | | | | | | | | 69 | | | | 53 | | | | | | | | | | | | | | | | 58 | | |
| Ori | V536 | E10S | | | | | | | | | | 61 | | | | | | | | | | | | | | | | 43 | | | 59 | | | | |
| Ori | V1016 | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | | | | |
| Ori | V1031 | E10S | | | | | | | | | | 67s | | | | | | | | | | | 59 | | | | | 69s | | | | | | | |
| Peg | U | S10 | 34+ | 28+ | 41+ | 34+ | 28+ | 40+ | 34+ | 28+ | 40+ | 34+ | 28+ | 40+ | 34+ | 27+ | 40+ | 33+ | 27+ | 40+ | 33+ | 27+ | 39+ | 33+ | 27+ | 39+ | 33+ | 27+ | 39+ | 33+ | 26+ | 39 | 33+ | | |
| Peg | VV | RR | | | | | 57 | 55 | 53 | 50 | 48 | 46 | 43 | 41 | 39 | 36 | 34 | 32 | 29 | 27 | 25 | | | | | | | | | | | | | | 46 |
| Peg | VW | | | | | | | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | AV | RR | 42 | 59 | 37 | 54 | 32 | 49 | 27 | 44 | | 39 | 57 | 35 | 52 | 30 | 47 | 25 | 42 | | | 37 | 54 | 32 | 50 | 28 | 45 | 23 | 40 | | 35 | 52 | 30 | 47 | |
| Peg | AW | L10 | | | | | | | | | | | 33 | | | | | | | | | | 95 | | | | | | | | | | | | |
| Peg | BH | 90 | | 40 | | 33 | | 25 | 53 | | 46 | | 38 | | 30 | | | 51 | | 43 | | 35 | | | 28 | | | 48 | | 40 | | 33 | | 25 | |
| Peg | BK | E10S | | | 62s | | | 36 | | | | | | | | | | | | | | | | | | | 58s | | | 32 | | | | | |
| Peg | CG | 90 | 40 | 33 | 27 | | | 54 | 47 | 41 | 34 | 28 | | | 55 | 48 | 41 | 35 | 28 | | | | 49 | 42 | 36 | 29 | 22 | | | 49 | 43 | 36 | | 30 | |
| Peg | DF | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 | | | | | |
| Peg | DH | RR | 26+ | 28+ | 30 | 32 | 35 | 37 | 39 | 41 | 44 | 46 | 48 | 25+ | 27 | 29 | 31 | 33 | 36 | 38 | 40 | 42 | 44 | 47 | 23+ | 25 | 28 | 30 | 32 | 34 | 36 | 39 | | 41 | |
| Peg | GH | E10S | | | | | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peg | IP | K10 | 33+ | 28+ | 31+ | 26+ | 29+ | 31+ | 26+ | 29+ | 32+ | 27+ | 30+ | 25+ | 27+ | 30+ | 25+ | 28+ | 23+ | 26+ | 29+ | 24+ | 26+ | 29+ | 24+ | 27+ | 22+ | 25+ | 28+ | 23+ | 25+ | 28+ | | 23+ | |
| Per | RW | L10 | | | | | | | 9 | | | | | | | | | | | | | | 29 | | | | | | | | | | | | |
| Per | RY | E10S | | | | 54 | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | |
| Per | AG | E10X | | | | | | | | | | | | 31 | 31 | 34 | 33 | 37 | 36 | 39 | 39 | 42 | 42 | 45 | 45 | 48 | 48 | 51 | 51 | 54 | 53 | 57 | | 56 | |
| Per | AR | 90 | 39 | 67 | 52 | 37 | 65 | 50 | 35 | 63 | 48 | 33 | 61 | 46 | 31+ | 59 | 44 | 29+ | 57 | 42 | 27+ | 54 | | | | | | | | | | | | | 61 |
| Per | AY | L10 | | | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JD | 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | 32 | |

| 2012 Okt | | 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 IQ | | 42 | | | | | 65 | 44 | 40 | | | | | 63 | 41 | 37 | | | | | 60 | 39 | 35 | | | | | 58 | 36 | 32 | | | | |
| Per KN | E10U | 69 | 56 | 42 | 29 | | | | | 62 | 49 | 35 | | | | 69 | 55 | 42 | 29 | | 75 | 62 | 49 | 35 | 22 | | | 68 | 55 | 42 | 28 | | | |
| Per LX | L10 | | 72 | | | | 74s | | | | | 76 | | | | 78s | | | 79 | | | | | | | | 83 | | | | 85s | | | |
| Per beta | S10 | | | | | | 65 | | | 52 | | | 38 | | | 25 | | | | | | | | 81s | | | 72 | | 59 | | | | | |
| Psc RY | 90 | | | | 29 | 35 | 41 | 47 | 53 | | | | | 30 | 36 | 42 | 48 | 54 | | | | 24 | 30 | 36 | 42 | 48 | | | | 25 | 31 | | | |
| Psc SS | 90 | 48 | 34+ | 49 | 36+ | 51 | 37+ | 52 | 39+ | 25+ | 40+ | 26+ | 41 | 28+ | 43 | 29+ | 44 | 31+ | 46 | 32+ | 47 | 34+ | 49 | 35+ | 50 | 36+ | 23+ | 38 | 24+ | 39 | 26+ | 41 | | |
| Sge SY | E10S | | | | | | | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser AN | 90 | | | 25 | 29 | | | | | | | | | | | 26 | | | | | | | | | | | | 22 | | | | | | |
| Ser BH | 90 | | | | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | |
| Ser EG | L10 | | | | | | | 94 | | | | | | | | | | | 89 | | | | | | | | | | 23 | | | | | |
| Ser LX | K10 | | 30 | 25 | | | 26 | | | | 27 | | | 28 | | | | 24 | | | | 25 | | | | | | 22 | | | 23 | | | |
| Sex T | 90 | | | | | | 72 | 69 | 67 | | | | | | | | | | | | | 73 | 71 | | | 68 | 66 | 63 | | | | | 75 | |
| Tau RW | S10 | | | 53 | | | | | | | | | | | | 61 | | | | | | | | | | | | | | 45 | | | | |
| Tau CD | S10 | | | | 72s | | 44 | | | | | | 59s | | | | | 74 | | | 46s | | | | 61 | | 68 | | | | | | 48 | |
| Tau EN | E10S | | | | | | | 72 | | | | | | 67 | | | | | | 63 | | | | 59 | | | | | 54 | | | | | |
| Tau V1094 | L10 | | | | 29 | | | 41 | | | | | | | 27 | | | 40 | | | | | | 26 | | | 39 | | | | | | | |
| Tau V1125 | E10S | | | | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tri X | S10 | | 71s | 69s | 66s | 63s | 60s | 57s | 54s | 51s | 49s | 46s | 43s | 40s | 37s | 34s | 32s | 29s | 26s | 23+ | 69 | 66 | 63 | 60 | 57 | 54 | 52 | 49 | 46 | 43 | 40 | 37 | | |
| Tri RU | E10S | | | | 48 | | | | | | | | | | 28 | | | | | 55 | | | | | | | | | 36 | | | | 63 | |
| Tri UX | 90 | 31 | | | 58 | 51 | 45 | 38 | 32 | | | | 52 | 45 | 39 | 32 | 25 | | | | 52 | 45 | 39 | 32 | 26 | | 52 | 46 | 39 | 33 | 26 | | | |
| UMa W | S10 | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 52+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 53+ | 54+ | 54+ | 54+ | 54+ | 54+ | 54+ | 54+ | 54+ | 54+ | 38+ | |
| UMa RV | RR | 37 | 30 | 71 | 64 | | | | | | 32 | 26+ | 66 | 60 | | | | | | | | | | | | | | | | | | | | |
| UMa TU | RR | | | 69 | | | | | 71 | | | | | | 73 | | | | | | | | | | | | | | | | | | | |
| UMa TX | S10 | | 68 | | | | | | | | | | | | | | | | | | | | | | 65 | | | | 67 | | | | | |
| UMi W | S10 | | | | 47 | | | | | 58 | | | 28 | | 68 | | 38 | | | | | | 49 | | | | | 59 | | 29 | | | 69 | |
| Vir AG | E10D | | | | | | 73 | | | | | | | | | 73 | | | | | | | | | | | | | | | | | | |
| Vir AH | S10 | | | | | | | | | | | | 74s | | | | | | | | | 70s | | | 72 | 74s | | | | | 69 | 71s | | |
| Vir AV | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | | | | |
| Vul Z | S10 | | | 34s | | | | | | 25s | | | | | | 39 | | | | | | 30 | | | | | | | | | | | | 34s |
| Vul BN | 90 | | 41 | | | 38 | | | 35 | | | | 32 | | 29 | | | 26 | | | | 24 | | | 39 | | | 36 | | | 34 | | 40 | |
| Vul DR | E10X | | | 38 | 39 | | | | | | | | 39 | 39 | | | | | | | | | | | | | | | | | | | | |
| Vul EV | E10S | 46s | | | 28s | | | | | | | | 34 | | | | | | | 39s | | | | | | | | | 27 | | | | | |
| JD 562 | .. | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | |

| 2012 Nov | | 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 | | | |
|----------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
| And SW | RR | 44 | 32 | 21 | 53 | 42 | 30 | | 51 | 40 | 28 | | 49 | 38 | 26 | 59 | 47 | 36 | 24 | 57 | 45 | 34 | 22 | 55 | 43 | 32 | 20 | 53 | 41 | 30 | | | | |
| And TW | S10 | | | | | | | | | | 22 | | | | 34 | | | | 46 | | | | | | | | | | | | | | | |
| JD 562 | .. | 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 | | | |

| 2012 | Nov | | 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 | | | | |
|------|-------|------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|-----|--|
| And | XX | 90 | 42 | | 59 | 31 | | 48 | 21 | 65 | 37 | | 54 | 27 | | 43 | | 60 | 32 | | 49 | 22 | | 38 | 55 | 27 | | 44 | 61 | 33 | | | | | | |
| And | CD | L10 | | | | | | | | 45\ | \ | 52 | / | 59/ | | | | | | | | | | 67\ | \ | 74s | / | 81/ | | | | | | | | |
| And | OV | 90 | 25 | 66 | 60 | 54 | 48 | 42 | 36 | 30 | 25 | | 60 | 54 | 48 | 42 | 36 | 30 | 25 | 60 | 54 | | 48 | 42 | 36 | 30 | 25 | 19 | 60 | 54 | 48 | 42 | | | | |
| Aqr | SW | RR | | | 38 | 30 | 21 | | | | 35 | 27 | | | | 32 | | 24 | | | | | 29 | 21 | | | | 26 | | | | | | | | |
| Aqr | SX | 90 | | | | | 27 | 34 | 41 | | | | | 23 | 30 | 37 | | | | | | 27 | 34 | | | | | 23 | 30 | | | | | | | |
| Aqr | CD | E10S | | | | 28 | | | | | 12 | | | | 96 | | | | | 80 | | | | | 64 | | | | 47 | | | | | | | |
| Aqr | HH | 90 | 43 | | | 30 | | | | | 32 | | 20 | 34 | | | 22 | 37 | | | 24 | | | | 26 | | | 28 | | | | | | | | |
| Aqr | LL | L10 | | | | | | | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | |
| Aql | AA | RR | | 25 | 33 | | | 23 | 31 | | | 21 | 29 | | | 27 | | | | | 25 | | | | 23 | | | 21 | | | | | | | | |
| Aql | V341 | 90 | | | 23 | | | | 27 | | | | 32 | | | 21 | | | | 25 | | | | 30 | | | 19 | | | | 24 | | | | | |
| Aql | V889 | L10 | | | 73 | | | | 67 | | | | | | | 85 | | | | 79 | | | | | | | 97 | | | 91 | | | | | | |
| Aql | V1353 | E10S | 21s | | 33 | | | | | 29s | | | | | 24 | | | | | | | 31 | | | | 26s | | | | | | 22 | | | | |
| Aql | V1426 | E10S | 42 | 59 | 77 | 94 | | 12 | 29 | 47 | 64 | 82 | 99 | 17 | 34 | 52 | | 69 | 87 | | 4 | 22 | | 39 | 57 | 74 | 92 | 9 | 27 | 44 | 62 | 79 | | | | |
| Aql | V1430 | E10S | | | | | 32 | | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | |
| Ari | X | RR | 35 | 65 | 31 | 61 | | 56 | | 51 | | 47 | | 42 | | 38 | | 33 | 63 | 28 | 58 | | 54 | 49 | | 45 | | 40 | | 35 | | | | | | |
| Ari | RS | L10 | | | 57s | | | | 98 | | | | | | | | 38s | | 78 | | | | | 18s | | | 58 | | | 98s | | | | | | |
| Ari | AL | E10S | | | | | | | 35 | | | | | | | | | | | | | | | 34 | | | | | | | | | | | | |
| Aur | TZ | 90 | 40 | 57 | 36+ | 53 | 71 | 49 | 67 | 45 | 62 | 41 | 58 | 37+ | 54 | 32+ | 50 | 67 | 46 | 63 | 42 | 59 | 37+ | 55 | 33+ | 51 | 29+ | 47 | 64 | 43 | 60 | 38+ | | | | |
| Aur | CQ | L10 | | | | 91s | | | | | | 22 | | | | 53s | | | | | | 84 | | | | | | 15s | | | | | | | | |
| Aur | IY | E10S | | | | | | | 64 | | | 43 | | | | | | | | | | | 61 | | | 40 | | | | | | | | | | |
| Aur | V432 | E10S | | | | | | | | 26 | | | 34 | | | 42 | | | | | | | | | | | | | | | | | | | | |
| Boo | RS | RR | | | | | | | 69 | | | 20 | 71 | | | 72 | | | | 74 | | | | 65 | 78 | | 67 | | 69 | | | | | | | |
| Boo | TW | 90 | | | | | | | 69 | 22+ | | | | | | 67 | | 20+ | | | | | | | 65 | 19+ | 78 | | | | | | | | | |
| Boo | UU | 90 | | | 23 | | | | | | 72 | | | | | 74 | 20 | | | | | | | | | | | | | | | | | | 74 | |
| Boo | UY | 90 | | | | | 76 | | | | | | | | | | | | | 78 | | 73 | | | 68 | | | | | | | | | | | |
| Boo | AC | E10D | 26s | 67s | 73s | 26 | 67 | 72 | 25s | 66s | 72s | 25+ | 66 | 71 | 24+ | 65s | 71s | 24+ | 65 | 71 | 24+ | 64s | 70s | 23+ | 64 | 70 | 23+ | 64s | 69s | 22+ | 63 | 69 | | | | |
| Boo | CM | 90 | | | 75 | | | | | | | | | | | | 71 | | | | | | | | | | | 67 | | | | | | | | |
| Boo | CQ | 90 | | | | | | | 75 | | | | | | | | | 77 | | | | | | | | | | | 76 | | | | | | | |
| Boo | CS | 90 | | | | | | | | | 76 | | | | | 74 | | | | | | | | | | 70 | | | | | | | | | | |
| Cam | SS | E10S | | | 20 | | 61s | | | 2 | | 43s | | 85 | | | 26s | | 67 | | | 8s | | 49 | | 90s | | 31 | | | | | | | | |
| Cam | SV | S10 | 50 | 69 | 28 | 46 | 65 | 24 | 43 | 62 | 21 | 40 | 58 | 77 | 36 | 55 | 73 | 33 | 51 | 70 | 29 | 48 | 66 | 26 | 44 | 63 | 22 | 41 | 59 | 19+ | 37 | 56 | | | | |
| Cam | AK | E10S | | 55 | | 77 | | | | | 23 | | 45 | | 68 | | | | | | | | | | 59 | | | | | | | | | | | |
| Cam | AN | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cam | AT | E10S | 22s | 62s | 32 | 71 | 41s | 51 | | 60s | 30 | | 69 | 39s | | 49 | | 58s | 28 | 67 | 37s | 77s | 46 | | 56s | 26 | 65 | 35s | 75s | 44 | | | | | | |
| Cnc | S | L10 | | | | | | 57 | | | | | | | | | | 6 | | | | | | | | 54 | | | | | | | | | | |
| Cnc | RU | L10 | | | | | | | | | 76 | | | | | | | | | | | 93 | | | | | | | | | | | | | 10 | |
| Cnc | RW | 90 | 54 | 63 | 73 | | | | 56 | 65 | 75 | | | 48 | 58 | 67 | 77 | | | | | 50 | 60 | 69 | | | 43 | 52 | 62 | 71 | | | 45 | 54 | | |
| Cnc | RZ | L10 | 19/ | | | | | | | 77\ | \ | 39s | / | 1/ | | | | | | | | | 59\ | \ | 21 | 84/ | | | | | | | | | 41\ | |
| Cnc | TT | 90 | | | 51 | 63 | 76 | | | 58 | 71 | | | 52 | 65 | 78 | | 47 | 59 | 72 | | | | 54 | 67 | 79 | | 48 | 61 | 74 | | | | | | |
| JD | 562 | .. | 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 | | | | |

| 2012 | Nov | | 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 |
|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cnc | TU | E10S | | | | | 93 | | | | | | 49 | | | | | 5 | | | | | 61 | | | | | | | | 17 | |
| Cnc | UU | L10 | | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | \ | 78 | / | / | / | / | / | / | / | / | / | / | / | / | | | | |
| Cnc | ZZ | L10 | | | | | | | | | | | | | | | | | | | | | 28\ | 30 | 32/ | | | | | | | |
| Cnc | AQ | 90 | | | | 53 | 63 | 73 | | | | 57 | 67 | 76 | | | 50 | 60 | 70 | | | | 54 | 64 | 73 | | | 47 | 57 | 67 | 77 | |
| CVn | W | 90 | 74 | | | | | 70 | | | | | 67 | 77 | | | | 63 | 74 | | | | 60 | 70 | | | | 67 | 77 | | | |
| CVn | Z | 90 | | 59 | | | | | | | | 65 | 74 | | 71 | | 67 | | 63 | | 59 | | 55 | | 52 | | 78 | | 75 | | 71 | |
| CVn | RS | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CVn | RZ | 90 | | | | 76 | | | | 73 | | | 70 | | | | | | | | | | | | | 62 | 75 | | 59 | 72 | | |
| CMa | R | S10 | | | | | | | | | 69 | | | | | | | 64 | | | | | | | | 59 | | | | | | |
| CMi | AM | E10S | 73s | 75s | 77s | | | | | | | | | | | 49 | | 51 | 53 | 55 | 57 | 59 | 61 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | |
| Cas | RX | L10 | \ | \ | \ | 93 | / | / | / | / | / | / | | | | | | | \ | \ | \ | \ | 10s | / | / | / | / | | | | | |
| Cas | RZ | S10 | 35 | 54 | 74 | | | | 32 | 52 | 71 | | | | 30 | 50 | 69 | | | | | 28 | 47 | | | 25 | 45 | 64 | | | | |
| Cas | SX | L10 | 62/ | | | | | | | | | | | | | | | 24\ | \ | 7s | 90/ | | | | | | | | | | | |
| Cas | TV | S10 | | | 66 | | 47 | | 28 | | | | | 72 | | 53 | | 35 | | | | | | | 60 | | 41 | | 22 | | | |
| Cas | TW | S10 | | 49 | | | 34 | 77 | | | 63 | | 48 | | | 34 | | 77 | | 20 | 63 | | 48 | | | 34 | 77 | | 20 | 62 | | |
| Cas | TX | E10S | | | 49 | | | 42 | | | 34 | | 27 | 73s | | 20 | | 66s | | | 59s | | 51s | | 44s | | | | 37s | | | |
| Cas | AQ | L10 | | 55\ | 61s | 66/ | | | | 41\ | 47 | 52/ | | | 27\ | 33s | | 38/ | | | | 13\ | 19 | 24/ | | 00\ | \ | 5s | 10/ | | | |
| Cas | DN | E10S | | | 27s | 43 | 58s | 74 | | | | 20s | 36 | 52s | 67 | | | | | | 29 | 45s | 60 | 76s | | 23 | 38s | 54 | 69s | | | |
| Cas | GG | E10S | | | | 33 | | | | | | | | | | 60 | | | | | | 36 | | | | | | | | | 64 | |
| Cas | GU | E10U | 53 | | | 62 | | | 71 | | | | | | | | | | | | | | | | | | 27 | | 37 | | | |
| Cas | IL | E10S | | | | 52 | | | | | | | 42 | | | | | | | 32 | | | 77 | | | 23 | | | 68 | | | |
| Cas | IT | E10X | | | | | | | | | 59 | | | 49 | | 63 | | | 38 | | 53 | | 28 | | 43 | | | 32 | | | | |
| Cas | OX | E10X | | | 36 | 60 | | | 34 | 57 | | | | 32 | 55 | | | | 30 | 53 | | | | 27 | 51 | | | 25 | 49 | | | |
| Cas | PV | E10X | 66 | 58 | 41 | 33 | | | | 66 | 58 | 41 | 33 | | | | | 58 | 42 | 33 | | | | 67 | 58 | 42 | 33 | | | 67 | 58 | |
| Cas | V368 | E10S | | | | | | | 45 | | | | | | | | | 36 | | | | | | | | | | | | | 71 | |
| Cas | V375 | E10D | 40 | | 61s | 35 | | 56s | 29 | 77 | 50s | 24 | 71 | 45s | | 66 | 40s | | 61 | 35s | | 56 | 29s | 77s | 50 | 24s | 71s | 45 | 19s | 66s | 40 | |
| Cas | V381 | E10X | 63 | 50 | 38 | 24 | | | | 62 | 48 | 36 | 23 | | | 60 | | 47 | 35 | 21 | | | 59 | 45 | 33 | 20 | | | | 57 | 43 | |
| Cas | V459 | L10 | | | | 56 | | | | | 72 | | | | 1 | | | | | | | | 47 | | | | | | | | 93 | |
| Cep | RZ | 90 | 49 | 42+ | 34+ | 27+ | 50 | 43+ | 35+ | 28+ | 21+ | 44+ | 37+ | 29+ | 22+ | 45+ | 38+ | 30+ | 23+ | 47+ | 39+ | 32+ | 24+ | 48+ | 40+ | 33+ | 26+ | 49 | 42+ | 34+ | 27+ | 19+ |
| Cep | VW | S10 | 27+ | 24+ | 22+ | 33+ | 30+ | 28+ | 25+ | 23+ | 34+ | 31+ | 29+ | 26+ | 24+ | 21+ | 32+ | 30+ | 27+ | 25+ | 22+ | 33+ | 31+ | 28+ | 26+ | 23+ | 20+ | 32+ | 29+ | 26+ | 24+ | 21+ |
| Cep | XX | S10 | | 26 | | 60 | | | | | 28 | | 61 | | | | | 29 | | 63 | | | | | 30 | | | | | | | 31 |
| Cep | XY | E10S | | | | | | | | | 58 | | 35 | | | | | | | | | 68 | | 45 | | | | | | | 77 | |
| Cep | ZZ | S10 | | 47 | | 61 | | 75 | | | | | | | | | 32 | | | | | 46 | | 60 | | 74 | | | | | 31 | |
| Cep | AI | E10S | | | 26s | | 37 | | 48s | | 59 | | | | | | | | | | | | | 27 | | 38s | | 50 | | | | |
| Cep | CW | E10X | 60 | | | 33 | 75 | | | 48 | | | 21 | 51 | | | 24 | 67 | | | | 40 | 70 | | | 43 | | | 58 | | | 31 |
| Cep | EI | L10 | | | 19s | | | | | 41 | | | | 63s | | | 85 | | | | | | | | | 29 | | | | | | |
| Cep | EX | L10 | | | | | | | | | | | | | 45 | | | | | | | | | | | | | | | | | |
| Cep | NN | E10S | 58 | 61s | 63 | 66s | 69 | 72s | 75 | | | | | | | | | | | | | | | | 19s | 22 | 25s | 28 | 30s | 33 | 36s | 39 |
| Cet | RR | RR | 28 | 39 | 50 | | | 26 | 37 | 47 | | | 24 | 34 | 45 | | | 22 | 32 | 43 | | | | 30 | 41 | 51 | | 28 | 38 | 49 | | |
| JD | 562 | .. | 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 |

| 2012 | Nov | | 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 |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cet | RV | 90 | 47 | | 34 | | | 46 | | 33 | | | 44 | | 32 | | | 43 | | 30 | | | 42 | | 29 | | 41 | | 28 | | | |
| Cet | TU | E10S | 61 | | | | | 0 | | | | 39 | | | 78 | | | | | 17 | | | 57 | | | | 96 | | | | | |
| Cet | TV | L10 | | | | | 16 | | | | 77 | | | | 26 | | | | | 88 | | | 37 | | | | 98 | | | | | |
| Cet | XY | E10S | 47 | | | | 64s | | | | 42s | | | 59 | | 37 | | | | | | 54s | | 32s | | | 49 | | 28 | | | |
| Com | S | 90 | | | 71 | | | 65 | | | | | 75 | | 69 | | | 62 | | | | | 73 | | 66 | | 59 | 76 | | | | |
| Com | ST | 90 | | | | | | | | | | | | 78 | | | | 78 | | 77 | | | 77 | | 76 | | 76 | | | | | |
| CrB | U | S10 | | | | | | | | | | | | 74 | | | | | | | | | | | | | | | | | | |
| CrB | RV | 90 | | | | | | 77 | 77 | 76 | 76 | | 75 | 74 | | | | | | | | | | | | | | | | | | |
| Crt | W | 90 | | | | | 77 | | | | | | | 77 | | | | | | | 78 | | | | 72 | | 78 | | | | | |
| Cyg | UY | RR | | | 31 | 43 | | 24 | 36 | | | | 28 | 41 | | | | 21 | 33 | | | | 26 | 38 | | | 30 | | | | 23 | |
| Cyg | XZ | RR | 54 | 47 | 41 | 34 | 27 | 21 | | 54 | 47 | 41 | 34 | 27+ | 21 | | | 47 | 41 | 34 | 27+ | 20 | | | 47 | 40 | 34 | 27+ | 20 | | 47 | |
| Cyg | BO | E10S | | | 29 | | | | | | 32 | | | | | | | 34 | | | | | | 37 | | | | | | | 39 | |
| Cyg | BR | E10S | | | | 32 | | | | 31 | | | 31 | | | | | 31 | | | | | | | 31 | | | 30 | | | | |
| Cyg | DM | RR | 39 | 23 | 49 | 33 | | 43 | 27 | | 37 | 21 | 47 | 31 | | 41 | 25 | | 35 | | 45 | 29 | | 39 | 23 | | 33 | 43 | 27 | | 36 | |
| Cyg | EM | K10 | 41 | 28 | 44 | 32 | 48 | 35 | 23 | 39 | 26 | 43 | 30 | 46 | 34 | 21 | 37 | 24 | 41 | 28 | 44 | 32 | | 35 | 23 | 39 | 26 | 43 | 30 | | 34 | 21 |
| Cyg | V367 | L10 | | | | | \ | \ | 62s | / | / | | | | | \ | \ | 92 | / | / | / | | | | \ | \ | \ | 22s | / | / | | |
| Cyg | V463 | E10S | | 24 | | 36 | | | | | | | | | | | | | | | | | 30 | | | | | | | | | |
| Cyg | V477 | E10S | | | | 34 | | | | 38 | | | 38 | | | 42 | | | | | | | 46 | | | | | | | | | 92 |
| Cyg | V541 | L10 | | | | | | | | 27 | | | | | | 58 | | | | | | | 61 | | | | | | | | | |
| Cyg | V548 | E10S | | | | | 46 | | | 27 | | | | | | 49 | | 29 | | | | | | 51 | | 32 | | | | | 73 | |
| Cyg | V788 | L10 | | | | | 93\ | 89 | 84/ | | | | | | | | | | | | | | | | | | | | 85\ | 81 | | |
| Cyg | V891 | E10S | | | | | | | | | | | | | | | | | | 30 | | 20 | | | | | | | | | | |
| Cyg | V909 | E10S | | | | | 34s | | | | | | 35 | | | | | | | | | | | | | | | | | | 19 | |
| Cyg | V1061 | E10S | | | | | 47 | | | | | | 51 | | | | | | 21 | | | | | | | 25 | | | | | | |
| Cyg | V1918 | E10D | 31 | 35s | 38 | 41s | 24+ | 27+ | 30s | 34 | 37s | 20+ | 23+ | 26+ | 29 | 33s | 36 | 39s | 22+ | 25+ | 29s | 32 | 35s | 38 | 21+ | 24+ | 28 | 31s | 34 | 38s | 20+ | 23 |
| Del | DX | 90 | 21 | | | | | 40 | 35 | 30 | 24 | | | | | 38 | 33 | 27 | 22 | | | | | | | 31 | 25 | 20 | | | | |
| Dra | RW | RR | 23+ | | 45 | 33+ | 22+ | | 43 | 32+ | 65 | | 42 | 30+ | 63 | | 40 | 29+ | 62 | | 39 | 28+ | 61 | | 38 | 26+ | 59 | 36 | 25+ | 58 | | |
| Dra | SU | RR | 47 | | 45 | 77 | 44 | 76 | 42 | 74 | 40 | 72 | 38 | 70 | 36 | 68 | 34 | 66 | 32 | 64 | 30 | 62 | 29 | 61 | 27 | 59 | 25 | 57 | 23 | 55 | 21 | 53 |
| Dra | SW | RR | 73 | 29 | 43 | 57 | 71 | 28 | 42 | 56 | 70 | 27 | 41 | 55 | 69 | 26 | 40 | 54 | 68 | 25 | 38 | 52 | 66 | 23 | 37 | 51 | 65 | 22+ | 36 | 50 | 64 | 21+ |
| Dra | TZ | E10D | 23 | | | | | 43 | 30 | | | | | | | 36 | 22 | | | | | | 29 | | | 75 | 35 | 21 | | | | |
| Dra | VZ | 90 | | 47 | 43+ | 39+ | 36+ | 32+ | 28+ | 24 | 21 | | 78 | 42+ | 38+ | 34+ | 31+ | 27+ | 23 | 20 | | | 76 | 41+ | 37+ | 33+ | 29+ | 26+ | 22+ | 79 | 75 | 39+ |
| Dra | WW | S10 | | | | | | 46 | | | | | | | | 72 | | | | | | | 35 | | | | | | | | 61 | |
| Dra | XZ | RR | 58 | 54 | 49 | 44 | 40 | 35 | 30 | 25+ | 21+ | 64 | 59 | 54 | 50 | 45 | 40 | 35 | 31+ | 26+ | 21+ | 64 | 60 | 55 | 50 | 45 | 41 | 36 | 31+ | 27+ | 22+ | 65 |
| Dra | AI | S10 | | | 26 | | | | | | 25 | | | | | 25 | | | | | | | 24 | | 64 | | | 23 | | | 63 | |
| Dra | BF | 99 | | | | | | | 41 | | | | | | | 20 | | | | | | | | | | 41 | | | | | | |
| Dra | BK | 90 | 23 | 41 | 60 | | 37 | 56 | 74 | 33 | 52 | 70 | 30 | 48 | 66 | 26 | 44 | 62 | 22 | 40 | 58 | 77 | 36 | 54 | 73 | 32 | 51 | 69 | 28 | 47 | 65 | 24 |
| Dra | BU | E10S | | | | | | | | | | | 71 | | | 54 | | | | | | | | | | 20 | | | | | | |
| Dra | EX | K10 | 21+ | 26+ | 31+ | 25+ | 30+ | 25+ | 30+ | 24+ | 29+ | 24+ | 29+ | 23+ | 28+ | 22+ | 27+ | 22+ | 27+ | 21+ | 26+ | 21+ | 26+ | 20+ | 25+ | 20+ | 25+ | 19+ | 24+ | 19+ | 24+ | 28+ |
| Dra | GV | L10 | | | | | | | | | | | | | | 87 | | | | | | | | | | | | | | | | |
| JD | 562 | .. | 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 |

| 2012 Nov | | 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 | |
|----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Equ S | S10 | | | | | | | | | | | | | | | | | | | | | | 30 | | | | | | | | | |
| Eri SV | 90 | | | | | 52 | | | 37 | | 51 | | | 37 | | 51 | | | 37 | | 51 | | | 36 | | 51 | | | 36 | | 50 | |
| Gem U | K10 | 26+ | 32+ | 21+ | 27+ | 33 | 22+ | 28+ | 34 | 22+ | 29+ | 35 | 23+ | 29+ | 35 | 24+ | 30 | 36 | 25+ | 31 | 37 | 25+ | 31 | 20+ | 26+ | 32 | 21+ | 27+ | 33 | 21+ | 28 | |
| Gem RR | 90 | 64 | 43 | 62 | 42 | 61 | 41 | 60 | 39 | 58 | 38+ | 57 | 76 | 56 | 75 | 54 | 73 | 53 | 72 | 52 | 71 | 50 | 69 | 49 | 68 | 47 | 67 | 46 | 65 | 45 | 64 | |
| Gem RY | L10 | | | | | | | | 0 | | | | | | | | | | 30 | | | | | | | | | | 60 | | | |
| Gem SZ | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | | |
| Gem WW | E10S | | 53s | 77s | 39 | 63 | | 48s | 72s | | 58 | | 44s | 67s | | 53 | 77 | 39s | 62s | | 48 | 72 | 34s | 58s | | 43 | 67 | | 53s | 76s | 38 | |
| Gem YY | S10 | 54s | 76 | 57 | | 61s | 42s | 65 | 46 | 68s | 50s | 72 | 53 | 75s | 57s | 38s | 60 | 42 | 64s | 45s | 67 | 49 | 71s | 52s | 34+ | 56 | 37+ | 60s | 41s | 63 | 45 | |
| Gem V339 | E10U | | | | | | | | | | | | | | | | | | | | | 36 | | 24 | | | | | | | | |
| Her TW | RR | 31 | | 31 | | 30 | | 30 | | 30 | | 30 | | 30 | | 29 | | 29 | | 29 | | 29 | | 29 | | 28 | | 28 | | 28 | | |
| Her TX | S10 | | | | | | | | | | 75s | 78 | | | | | | | | | | | | | | | 20 | 23s | 26 | 28s | | |
| Her UX | E10D | | 30 | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | | |
| Her VX | RR | | | | | 22 | | | | | | | | | 78 | | | | | | | | | | | | | | | | | |
| Her VZ | 90 | | 29 | | | | 25 | | | | | | | 30 | | | | 26 | | 78 | | 23 | | 75 | 19 | | | 27 | | | | |
| Her AK | S10 | 28 | | | 23 | | | | 23s | | | | 24 | | | | 24s | | | | | | 20 | | | | | 20s | | 78 | | |
| Her AR | 90 | | | 34 | 28+ | 22+ | | | | | | 33 | 27+ | 21+ | | | | | | | 26+ | 20+ | | | | | | 77 | 24+ | 65 | | |
| Her AW | L10 | | | | | | | | 60 | | | | | | | | | 40 | | | | | | | | | 20 | | | | | |
| Her DI | L10 | 42 | | | | | | | | 54 | | 97 | | | | | | | | | 9 | | 52 | | | | | | | | 64 | |
| Her GU | E10U | | | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | 70s | |
| Her LV | 90 | 23 | | | | 66 | 73 | | | | | | 64 | 72 | | | | | | | | | 66 | | 70 | | | | | | | |
| Hya SZ | 90 | | | | | | | | | | | | | | | | | | | | | | | 63 | 70 | | 78 | | 61 | 69 | 76 | |
| Hya WZ | 90 | | | 75 | | | | | | | 67 | 74 | | | | | 66 | 73 | | | | | | | 65 | 72 | | | | | 64 | |
| Hya AI | L10 | 29 | | | 95 | | | | | | 58 | | | 24 | | | | | | | | | 53 | | | | 16 | | | 82 | | |
| Hya ET | 90 | | | | | | 63 | | | 68 | | 74 | | | | | | | | | | | | 60 | 65 | | | 71 | | 77 | | 56 |
| Lac RW | L10 | | | 44 | | | | | 56 | | | | | 81 | | | | | | | | | | 93 | | 18 | | | | | 30 | |
| Lac SW | S10 | 31+ | 27+ | 23+ | 36+ | 32+ | 28+ | 24+ | 21+ | 33+ | 29+ | 25+ | 21+ | 34+ | 30+ | 26+ | 22+ | 35+ | 31+ | 27+ | 23+ | 35+ | 32+ | 28+ | 24+ | 20+ | 33+ | 29+ | 25+ | 21+ | 34+ | |
| Lac UW | E10S | | | | | | 7 | | | | | 36 | | | | | 65 | | | | | | | | | | 94 | | 23 | | | |
| Lac CO | E10X | | 55 | 32 | | 64 | 40 | | | 49 | 26 | | 57 | 35 | | 66 | 43 | 20 | | | 52 | 28 | | 60 | 37 | | 45 | 23 | | 54 | 31 | |
| Lac CZ | 90 | 55 | 41 | 28 | 57 | 44 | 30 | 60 | 46 | 33 | | 49 | 35 | 21 | 51 | 37 | 24 | 54 | 40 | 26 | 56 | 42 | 29 | | 45 | 31 | | 47 | 34 | 20 | 50 | |
| Lac V345 | E10X | | | 11 | | | | 96 | | | 60 | | | | | 45 | | | | | | | | 9 | | | 95 | | | | 58 | |
| Lac V364 | E10X | | | | | | | | 34 | | | | | | | | | | | | | | | | 45 | | | | | | 44 | |
| Leo RR | RR | | | | 68 | 59 | | | 76 | 66 | 56 | | | 73 | 64 | 54 | | | | | | | | | | 71 | 61 | 52 | 78 | 68 | 59 | 49 |
| Leo SS | RR | | | | 73 | | | | | 74 | | | | | 75 | | | | | | | | | | | 76 | | 64 | | 57 | 47 | |
| Leo ST | RR | | | | | | | | | 76 | 72 | 67 | 63 | | | | | | | | | | | | | 71 | 67 | 62 | 58 | | 79 | |
| Leo AG | E10S | | | | | 75 | | | | | | | 54 | | | | | | | | | | | | | | | | | | 50 | |
| Leo AM | S10 | 66s | 76s | 68 | 77 | 69s | | 70 | 61s | 71s | 63 | 72 | 64s | 74s | 65 | 75 | 66s | 58+ | 67 | 59+ | 69s | 60+ | 70 | 61+ | 71s | 62 | 72 | 64s | 55+ | 65 | 56+ | |
| Leo FM | E10U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lyn TY | E10S | | | | 68 | | | | | | | | | | 35 | | | | | | | | | | | | | | 34 | | | |
| Lyn CD | E10S | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JD 562 | .. | 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 | |

| 2012 | Nov | | 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 |
|------|-------|------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lyr | RR | RR | 41 | | | 25 | 38 | | | 22 | 35 | | | 32 | | | | 29 | 42 | | | | 25 | 39 | | 22+ | 36 | | | 19 | 32 | |
| Lyr | RZ | 90 | 38 | 40 | | | | | | | | | | | | | | 20 | 23 | 25 | 27 | 29 | 32 | 34 | | | | | | | | |
| Lyr | UZ | S10 | | | | | | | | 39 | 28 | | | | | | | | | | | | | | | | | 30 | 19 | | | |
| Lyr | CN | 90 | 38 | | 26 | | | 31 | | 37 | | | 25 | 31 | | | | | | 24 | | 30 | | | 24 | | 29 | | | | | |
| Lyr | EZ | RR | 36 | 41 | | | | | | 24 | 29 | | 34 | | | | | | | | 22 | 27 | 32 | | | | | | 20 | 25+ | | |
| Lyr | IO | 90 | | 27 | | | | 31 | | | 35 | | | 23 | | | | | 27 | | | | 31 | | 20 | | | 24 | | | | |
| Lyr | beta | S10 | | | | | 31 | | | | | | 78s | | | | | | | 25 | | | | | 73s | | | | | | | |
| Mon | UX | E10S | | | 38s | | | 33 | | 28s | | | | 23 | | | 19s | | | | 14 | | 9s | | 4 | | 00s | | 95 | | | |
| Mon | VV | E10S | | | 83 | | | | | 88 | | | | | | | 93 | | | | | | 98 | | | | | 3 | | | | |
| Mon | AQ | E10S | | | 75 | | | | 57s | | | | | 66s | | | | | | | | | 57 | | | | 66 | | | 48s | | |
| Mon | AR | L10 | 4\ | 73/ | | | | | | | | | 64\ | 49s | 34/ | | | | | | | | | 24\ | 94/ | | | | | | | |
| Mon | AT | E10S | | | | | | | | | | | | | | | | | | 49 | | | 52 | | 55 | 58 | | 61 | 64 | | | |
| Mon | AV | E10S | | | 27 | | | | | | 22 | | | | | | | | 16 | | | | | | | 11 | | | | | | |
| Mon | EZ | E10U | 40s | 28 | 41s | | | 29 | 42s | 30 | 43s | | 31 | 44s | | 32 | | 44s | 20s | 33 | 45s | 21s | 33 | | 22s | 34 | 23s | 35 | | 23s | 36 | |
| Mon | IL | E10S | 58 | | | 61 | | | | 64 | | | | 66 | | | | | 69 | | | | 72 | | | 74 | | | 77 | | | |
| Mon | V448 | E10S | | | 58 | 70 | | | | 50s | 61s | 73s | | 53 | 65 | | | | 44s | 56s | 68s | | | 48 | 59 | 71 | | 51s | 63s | | | |
| Mon | V530 | E10U | 66s | 71s | 50+ | 55 | 60 | 65 | 70 | 49+ | 54s | 59s | 64s | 70s | 48+ | 54 | 59 | 64 | 69 | 48+ | 53s | 58s | 63s | 42+ | 47+ | 52 | 57 | 62 | 41+ | 46+ | 51s | 56s |
| Mon | V536 | E10U | | | | | | 41 | | | 72 | | | | | | | | | | | | | | | 52 | | 63 | | | | |
| Mon | V634 | E10U | | | | | | 49 | 61 | | 72 | | | | | | | | | | | | | | | | | | | | | |
| Oph | ST | 90 | 21 | | | | | | | | 21 | | | | | | | | | | | | | | | | | | | | | |
| Ori | Z | E10S | 51 | | | | | 71 | | | | | 91 | | | | | | 12 | | | | | 32 | | | | 52 | | | | |
| Ori | BM | E10S | | 63 | | | | | | 10 | | | | | | | | | | | | | | 4 | | | | | 51 | | | |
| Ori | CP | E10S | | | 50 | | | | | 82 | | | | | | | | | | | | | | | | | 79 | | | | | |
| Ori | DN | L10 | | | | | | | | | | | | 67 | | | | | | | | | | | | | | 63 | | | | |
| Ori | EW | E10X | | | | | | | | | | | | | | | | | | | 69 | | | | | | | 63 | | | | |
| Ori | FO | L10 | | | | | | | | | 53 | | | | | | | | | | | | | | | | | | | 33 | | |
| Ori | FT | E10X | 40 | 41 | | 55 | 56 | | 70 | 71 | | | | | | | | | | | | | | | 45 | 46 | | 60 | 61 | | 75 | 76 |
| Ori | GG | E10X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ori | V536 | E10S | | | | | | | | | | | | 41 | | | | | 69 | | | | | | | 48 | | | | | | |
| Ori | V1031 | E10S | | 51s | | | | | 61 | | | | | | | | | | | | 53s | | | | | 64 | | | | | | |
| Peg | U | S10 | 26+ | 39 | 32+ | 26+ | 39 | 32+ | 26+ | 38 | 32+ | 26+ | 38 | 32+ | 26+ | 38 | 32+ | 25+ | 38 | | | | 31+ | 25+ | 19+ | 31+ | 25+ | 19+ | 31+ | 25+ | 37 | 31s |
| Peg | VV | RR | 43 | 41 | 39 | 36 | 34 | 32 | 29 | 27 | 25 | 22 | 20 | | | | | | | | | | | 43 | 41 | 39 | 36 | 34 | 32 | 30 | 27 | 25 |
| Peg | VV | | | | | | | | | | | | | | | | | | 44 | | | | | | | | | | | | | |
| Peg | AV | RR | 26 | 43 | 21 | 38 | | 33 | | 28 | 45 | 23 | 41 | | 36 | 31 | | | 26 | 43 | 21 | 38 | | | 34 | 29 | 24 | 41 | 19 | 36 | | |
| Peg | AW | L10 | 57 | | | | | | | | | | | 20 | | | | | | | | | | | | | | | | | | |
| Peg | BH | 90 | | 45 | | 38 | | 30 | | 22 | | | | 43 | | 35 | | 27 | | 20 | | | 40 | | 32 | 25 | | | | | 38 | |
| Peg | BK | E10S | | | | 56s | | | 30 | | | | | | | | | 54s | | | 28 | | | | | | | | 52s | | 26 | |
| Peg | CG | 90 | 23 | | | 44 | | 37 | 30 | 24 | | | | 44 | 38 | 31 | 24 | | | | 45 | 38 | 32 | 25 | 19 | | | 39 | 32 | 26 | 19 | |
| Peg | DF | L10 | | | | | | | | | | | | 61 | | | | | | | | | | | | | | 31 | | | | |
| JD | 562 | .. | 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 |

| 2012 | Nov | | 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 | | |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Peg | DH | RR | 43 | 45 | 22 | 24 | 26 | 29 | 31 | 33 | 35 | 37 | 40 | 42 | | 21 | 23 | 25 | 27 | 29 | 32 | 34 | 36 | 38 | 40 | | 19 | 22 | 24 | 26 | 28 | 30 | | |
| Peg | GH | E10S | | | | | | | | | | 30 | | | | 41 | | | | | | | | | | | | | | | 19 | | | |
| Peg | IP | K10 | 26+ | 21+ | 24+ | 27+ | 21+ | 24+ | 27+ | 22+ | 25+ | 20+ | 23+ | 25+ | 20+ | 23+ | 26+ | 21+ | 24+ | 27+ | 22+ | 24+ | 27+ | 22+ | 25+ | 20+ | 23+ | 26+ | 21+ | 23+ | 26+ | 21+ | | |
| Per | RW | L10 | | | 49 | | | | | | | | | | | | | 69 | | | | | | | | | | | | | 89 | | | |
| Per | RY | E10S | | | | | | | | | | | | | | | 72 | | | | | | | 58 | | | | | | | 45 | | | |
| Per | AG | E10X | 60 | 59 | 62 | 62 | 65 | 65 | 68 | 68 | 71 | 71 | 74 | 74 | | | | | | | | | | | | | | | | | | | | |
| Per | AR | 90 | 46 | 31+ | 59 | 44 | 29+ | 57 | 42 | 27+ | 54 | 40 | 25+ | 52 | 37 | 23+ | 50 | 35+ | 20+ | 48 | 33+ | 61 | 46 | 31+ | 59 | 44 | 29+ | 57 | 42 | 27+ | 55 | 40 | | |
| Per | AY | L10 | | | | | | | | 43 | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | IQ | | | | 55 | 34 | 30 | | | | | 53 | 31 | 27 | | 76 | | 50 | 28 | 24 | | | | 73 | | 47 | 26 | 22 | | 71 | | | | |
| Per | KN | E10U | | 75 | 62 | 48 | 35 | 22 | | | 68 | 55 | 41 | 28 | | 75 | 61 | 48 | 35 | 21 | | | | 68 | 54 | 41 | 28 | | | 61 | 48 | | | |
| Per | LX | L10 | | | 87 | | | | 89s | | | | 91 | | | 93s | | | | | 95 | | | | 97s | | | | 99 | | | | | |
| Per | beta | S10 | 45 | | | 32 | | | | | | | | | | | | | | 66 | | | 53 | | 39 | | | 26 | | | | | | |
| Psc | RY | 90 | 37 | 43 | 49 | | | | | 26 | 32 | 37 | 43 | | | | | 20 | 26 | 32 | 38 | 44 | | | | 21 | 27 | 33 | 39 | | | | | |
| Psc | SS | 90 | 27+ | 42 | 29+ | 44 | 30+ | 45 | 32+ | 47 | 33+ | 48 | 34 | 21+ | 36 | 22+ | 37 | 24+ | 39 | 25+ | 40 | 27+ | 42 | 28+ | 43 | 29 | 45 | 31 | 46 | 32 | 19+ | 34 | | |
| Sge | SY | E10S | | | | | | | | 27 | | | | | | 34 | | | | | | | | | | | | | | | | | | |
| Ser | BH | 90 | | | | | | | | | | | | 74 | | | | | | | | | | 74 | | 78 | | | | 69 | | | | |
| Ser | EG | L10 | | | | | | | 79 | | | | | | | | | | | | 73 | | | | | | | | 68 | | | | | |
| Ser | LX | K10 | | | | | | | | | | | | | 76 | | | | | | 77 | | 78 | | 79 | 74 | | | 75 | | | 76 | | |
| Sex | T | 90 | 72 | 70 | 67 | 64 | 62 | 59 | | | | | 76 | 74 | 71 | 68 | | 66 | 63 | 61 | 58 | 55 | | | 78 | 75 | 72 | 70 | 67 | 65 | 62 | | | |
| Tau | RW | S10 | | | | | | 76 | | 53 | | | 30 | | | | | | | | | | | | 37 | | | | | | | | | |
| Tau | CD | S10 | | | | | 64s | | 35 | | | | 51s | | | | | 66 | | 38s | | | | | 53 | | | | | | | | | |
| Tau | EN | E10S | | 50 | | | | | 45 | | | | 41 | | | | | 37 | | | | | | 32 | | | | | | | | | | |
| Tau | V1094 | L10 | 25 | | | 37 | | | | | | 24 | | | 36 | | | | | | 23 | | | 35 | | | | | | 22 | | | | |
| Tau | V1125 | E10S | | | | | | | | | | | | | | | | 39 | | | | | | | | | | | | | | | | |
| Tri | X | S10 | 35 | 32 | 29 | 26 | 23 | | 66s | 63s | 60s | 57s | 55s | 52s | 49s | 46s | 43s | 40s | 38s | 35s | 32s | 29s | 26s | 23s | 20s | | | 61 | 58 | 55 | 52 | 49 | | |
| Tri | RU | E10S | | | | | | | | | | 43 | | | | | | | | | | | | | 51 | | | | | | | | | |
| Tri | UX | 90 | | | 46 | 40 | 33 | 26 | | | | 47 | 40 | 33 | 27 | 20 | | | 47 | 40 | 34 | 27 | 20 | | | 41 | 34 | 27 | 21 | | | | | |
| UMa | W | S10 | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 38+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 39+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | 40+ | |
| UMa | RV | RR | 26+ | 66 | 60 | 54 | | | | 28+ | 22+ | 62 | 56 | | | | | 24+ | 64 | 58 | 51 | | | 79 | 73 | 20+ | 60 | 54 | 47 | | | | 75 | |
| UMa | RW | E10S | | | | | | | | | | | | | | | | | | | 44 | | | | | | | | | | | | | 43s |
| UMa | TU | RR | 69 | | | | 59 | 71 | | | | 61 | 72 | | | 63 | 74 | | | | 53 | 65 | 76 | | | 55 | 67 | 78 | | | 57 | 68 | | |
| UMa | TX | S10 | | | | | | | | | | | 50 | | | 57 | | | 63 | | | | | | 76 | | | | | | | | | |
| UMi | W | S10 | | 39 | | | | | 50 | | | | 60 | | 30 | | | | 70 | | | | | | | 51 | | 21 | | | 61 | | | |
| Vir | ST | 90 | | | | | | | | | | | | | | | | | | | | | | | | | 79 | | | | | | | |
| Vir | AG | E10D | 76s | 72 | 68s | 65 | | | | | | 75s | 72 | 68s | 65 | | | | | | 75s | 71 | 68s | 64 | 61s | | | 78 | 75s | 71 | 68s | | | |
| Vir | AH | S10 | 73 | 74s | 76 | | | | 65 | 67s | 69 | | 71s | 73 | 75s | 77 | 78s | | 62 | 64s | 66 | 68s | 69 | 71s | 73 | 75s | 77 | 79s | 60s | 62 | 64s | 66 | | |
| Vir | AT | 90 | | | | | | | | | | | | | | | | | | | | | | | | 71 | 76 | | | | | | | |
| Vir | AV | 90 | | | | | | | | | | | | | | | | | | 76 | 73 | | | | 70 | 67 | | | | | | | | |
| Vul | Z | S10 | | | | | 25s | | | | | | | | | | | 30 | | | | | | 21 | | | | | | | | | | |
| JD | 562 | .. | 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 | | |

| 2012 Nov | | | 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 | |
|----------|-------|------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Vul | RR | E10S | | | | | | | | | | | 25 | | | | | 30 | | | | | 35 | | | | | 40 | | | | | |
| Vul | BN | 90 | 31 | | | | 28 | | | | 25 | | 22 | | | | | | 35 | | | | 32 | | 29 | | | | 26 | | | 23 | |
| Vul | DR | E10X | | | | | | | | | 40 | 40 | | | | | | 40 | | | | | | | | | | | | | | | |
| Vul | EV | E10S | | | | 33s | | | | | | | 38 | | | 20 | | | | | | | 26s | | | | | | 32 | | | | |
| JD | 562 | .. | 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 | |
| 2012 Dez | | | 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 | 51 | 39 | 28 | | 49 | 38 | 26 | | | 47 | 36 | 24 | | 45 | 34 | 22 | | 43 | 32 | 20 | | 41 | 30 | | | 39 | 28 | | | 37 | 26 |
| And | SY | L10 | | 60\ | 65 | 70/ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| And | TW | S10 | | | | | | | | | | | 20 | | | | | 32 | | | | 44 | | | | | | | | | | | |
| And | XX | 90 | | 50 | 23 | | 39 | | 56 | 28 | | 45 | | | 34 | | 51 | 23 | | 40 | | | 29 | | 46 | 19 | | 35 | | 52 | 24 | 41 | |
| And | CD | L10 | | | | | | | | | | | 90\ | \ | 96 | / | / | 3/ | | | | | | | | | | | | | | | |
| And | OV | 90 | 36 | 30 | 24 | 19 | | 54 | 48 | 42 | 36 | 30 | 24 | 19 | | 54 | 48 | 42 | 36 | 30 | 24 | 19 | | | 48 | 42 | 36 | 30 | 24 | 19 | | 48 | |
| Aqr | SW | RR | | 31 | 23 | | | | | 28 | 20 | | | | | 25 | | | | | | | | | | | | 20 | | | | | |
| Aqr | SX | 90 | | | | 19 | 27 | | | | | | | 23 | 30 | | | | | | 19 | 27 | | | | | | | 23 | | | | |
| Aqr | CD | E10S | | | 31 | | | | | 15 | | | | 99 | | | | | 83 | | | | | 66 | | | | | 50 | | | | |
| Aqr | HH | 90 | 30 | | | | 32 | | | 19 | | | | 22 | | | | 24 | | | | 26 | | | | 28 | | | | | | | |
| Aqr | LL | L10 | | | | | | 89 | | | | | | | | | | | | | | | | | | | | | 7 | | | | |
| Aql | AA | RR | 19 | 27 | | | | 25 | | | | 23 | | | | 21 | | | | 19 | | | | | | | | | | | | | |
| Aql | V341 | 90 | | | 28 | | | | | | | 22 | | | | | | | | | | | 20 | | | | | | | | 33 | | |
| Aql | V889 | L10 | | | | | | | 9 | | | | 3 | | | | | | | 21 | | | | 15 | | | | | | | 22s | | |
| Aql | V1353 | E10S | | | | | | | | | | | | 24s | | | | | 19 | | | | | | | | | | | | | | |
| Aql | V1426 | E10S | 97 | | 15 | 32 | 50 | 67 | 85 | | 2 | 20 | 37 | 55 | 72 | 90 | | 7 | 25 | 42 | 60 | 77 | 95 | | 12 | | | | | | | | |
| Ari | X | RR | 31 | | 26 | 56 | 21 | 52 | | 47 | | 42 | | 38 | | 33 | | 28 | | 24 | 54 | 19 | 49 | | 45 | 40 | | | 35 | | 31 | 26 | |
| Ari | RS | L10 | | | | 39 | | | | 79s | | | | | 19 | | | | 59s | | | | | | | | | 39s | | | 79 | | |
| Ari | AL | E10S | | | | | | | 33 | | | | | | | | | | | | | | | 32 | | | | | | | | | |
| Aur | TZ | 90 | 56 | 34+ | 52 | 30+ | 48 | 26+ | 43 | 61 | 39+ | 57 | 35+ | 53 | 31+ | 48 | 27+ | 44 | 62 | 40+ | 58 | 36+ | 53 | 32+ | 49 | 28+ | 45 | 23+ | 41 | 58 | 37+ | 54 | 33+ |
| Aur | CQ | L10 | 46 | | | | | 78s | | | | | 9 | | | | | | 40s | | | | | 71 | | | | | 2s | | | | |
| Aur | IY | E10S | | 78 | | | 57 | | | 37 | | | | | | | | 75 | | | 54 | | | 33 | | | | | | | 71 | | |
| Aur | V432 | E10S | | | | | | | | | | | | | | 24 | | | | 32 | | | | | | | | | | | | | |
| Boo | RS | RR | 71 | | | 72 | | 61 | 74 | | 63 | 76 | | 65 | 78 | | 67 | | | 69 | | 57 | 70 | | 59 | 72 | | 61 | 74 | | 63 | 76 | |
| Boo | TW | 90 | 64 | 70 | 77 | | | | | 62 | 69 | | 75 | | | | | 54 | 61 | 67 | 74 | | | | 53 | 59 | | 66 | 72 | 78 | | | |
| Boo | UU | 90 | 65 | | | | 76 | 68 | | | | 79 | 70 | 62 | | | | 73 | 64 | | | | 75 | 67 | 58 | | | 78 | 69 | 61 | | | |
| Boo | UY | 90 | | | 75 | | 70 | | 65 | | | | | | | | | 77 | | 72 | | 67 | | 63 | | | | | | 79 | | 74 | |
| Boo | AC | E10D | 22+ | 63s | 69s | 21+ | 62 | 68 | 21+ | 62s | 68s | 56+ | 62+ | 67 | 55+ | 61+ | 67s | 55+ | 61+ | 66 | 55+ | 60+ | 66s | 54+ | 60+ | 66 | 54+ | 59+ | 65s | 53+ | 59+ | 65 | 53+ |
| Boo | CM | 90 | | 77 | | | | | 64 | | | 68 | | | 73 | | | 77 | | 60 | | | 65 | | 69 | | | | 74 | | 56 | 78 | |
| Boo | CQ | 90 | 71 | | | 68 | | 78 | | 76 | | 73 | | 70 | | 68 | | 65 | 78 | | | 75 | 72 | | 70 | | 67 | | 64 | 77 | 62 | 74 | |
| JD | 562 | .. | 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 | 93 |

| 2012 | Dez | | 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 | CS | 90 | | | | 66 | 77 | | | | 64 | 75 | | | | 62 | 73 | | | | 60 | 71 | | | 58 | 69 | | | 56 | 67 | 78 | | | |
| Cam | SS | E10S | | 14 | | 55s | | 96 | | | 37s | | 78 | | | 19s | | 61 | | | 2s | | 43 | | 84s | | 25 | | 66s | | 7 | | | |
| Cam | SV | S10 | 75 | 34 | 52 | 71 | 30 | 49 | 68 | 27 | 46 | 64 | 23 | 42 | 61 | 20+ | 39 | 57 | 76 | 35 | 54 | 72 | 32 | 50 | 69 | 28 | 47 | 65 | 25 | 43 | 62 | 21 | 40 | |
| Cam | AK | E10S | 50 | | 72 | | | | | | | 40 | | | 63 | | | | | | 31 | | 54 | | 76 | | | | 22 | | 44 | | | |
| Cam | AN | | | | | | | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | |
| Cam | AT | E10S | 24 | 63 | 33s | 73s | 42 | | | 52s | 22 | 61 | 31s | 70s | 40 | | 50s | 19 | 59 | 29s | 68s | 38 | 78 | 48s | | 57 | 27s | 66s | 36 | 76 | 46s | 55 | 25s | |
| Cnc | S | L10 | | | | | 3 | | | | | | | | | 51 | | | | | | | | | | 99 | | | | | | | | |
| Cnc | RU | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | | |
| Cnc | RW | 90 | 64 | 73 | | | 47 | 56 | 65 | 75 | | 39 | 48 | 58 | 67 | 77 | | 41 | 50 | 60 | 69 | 79 | | | | | | | | | | | 73 | |
| Cnc | RZ | L10 | | 3s | 66/ | | | | | | | | 23\ | 86 | / | 48/ | | | | | | | | 5\ | 68s | / | 30/ | | | | | | | |
| Cnc | TT | 90 | 68 | | | 50 | 62 | 75 | | 44 | 57 | 70 | | | 51 | 64 | 77 | | 46 | 58 | 71 | | 40 | 53 | 66 | | | 47 | 60 | 73 | | 42 | 54 | |
| Cnc | TU | E10S | | | 74 | | | | | | 30 | | | | | 86 | | | | | | 42 | | | | | 98 | | | | | | 54 | |
| Cnc | TW | L10 | | | 97\ | \ | 3 | 9/ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cnc | AQ | 90 | | 51 | 61 | 70 | | | 45 | 54 | 64 | 74 | | | 48 | 58 | 67 | 77 | | | 42 | 51 | 61 | 71 | | 45 | 55 | 64 | 74 | | 39 | 48 | 58 | |
| CVn | W | 90 | | 64 | 74 | | | 60 | 71 | | | | 57 | 67 | 77 | | | 53 | 64 | 74 | | | | | 60 | 71 | | | 57 | 67 | 78 | | | |
| CVn | Z | 90 | | 67 | | 63 | | 59 | | 56 | | 52 | 48 | 79 | | 75 | | 71 | | 67 | | | 63 | | 60 | | 56 | | 52 | | 48 | 79 | 44 | |
| CVn | RS | S10 | | | | 64 | | | | | | | | | | | | | | | | | | | | | | | | 63 | | | | |
| CVn | RZ | 90 | | 69 | | | | 67 | | | | 64 | 77 | | | 61 | 74 | | | | 58 | 72 | | | 55 | 69 | | 53 | 66 | 79 | | 50 | 63 | |
| CMa | R | S10 | | 54 | | | | | | | | 50 | | | | | | | | | | | | | | | | 54 | | | | | | |
| CMi | AM | E10S | | | | | | | | 42s | 44s | 46s | 48s | 50s | 52s | 54s | 56s | 58s | 60s | 61s | 63s | 65s | 67s | 69s | | | | | | | | | | 35 |
| Cas | RX | L10 | | | \ | \ | \ | \ | 27 | / | / | / | / | | | | | | | | \ | \ | \ | \ | 43s | / | / | / | / | / | | | | |
| Cas | RZ | S10 | 23 | 42 | 62 | | | 21 | 40 | 60 | 79 | | | | 38 | 57 | | 77 | | | | | 35 | | | | | 33 | 53 | 72 | | | | |
| Cas | SX | L10 | | | 53\ | \ | | 36 | / | 19/ | | | | | | | | | | | | | | | | | | 81\ | \ | 64s | / | 47/ | | |
| Cas | TV | S10 | | 66 | | 47 | | 28 | | | | | | 53 | | 35 | | | | | | | | | | | | 60 | 41 | | | | 22 | |
| Cas | TW | S10 | | 48 | | | 34 | 77 | | 19 | 62 | | 54 | | 48 | | 34 | 76 | | 19 | 62 | | | | 48 | | 33 | 76 | | 19 | 62 | | | |
| Cas | TX | E10S | 29s | 76 | | 22s | 68 | | | | 61 | | 54 | | | 46 | | 39 | | | | 32 | | 78s | | 25 | 71s | | | 64s | | 56s | | |
| Cas | AQ | L10 | 86\ | 91 | 96/ | | | 72\ | 77s | 82/ | | | | | 58\ | 63 | 68/ | | | | | 44\ | 49s | 55/ | | | 30\ | 35 | 41/ | | | | | |
| Cas | DN | E10S | | | 31s | 47 | 62s | 78 | | | | 25s | 40 | 56s | 71 | | | | | | | | 33 | 49s | 65 | | | 42s | 58 | 73s | | | | |
| Cas | GG | E10S | | | | 40 | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | |
| Cas | GU | E10U | | 46 | | | 55 | | | 65 | | | | | | | | | | | | | | | | | | | | 21 | | | 30 | |
| Cas | IL | E10S | | | | | 58 | | | | | | | 49 | | | | | | | | | | | | | | 29 | | | | | | |
| Cas | IT | E10X | 22 | | | | | | | | | | | | | | | | | | | | | | | | | 35 | | 50 | | 25 | | |
| Cas | OX | E10X | | 23 | 47 | | | | 21 | 45 | | | | | 19 | 43 | | | | | | | | | | | | | | | 36 | | | |
| Cas | PV | E10X | 42 | 34 | | | | 67 | 59 | 42 | 34 | | | | | | 59 | 42 | 34 | | | | | 59 | 43 | 34 | | | | 59 | 43 | 34 | | |
| Cas | V368 | E10S | | | | | | | | | 62 | | | | | | | | | | | | | | | | | | | | | | | |
| Cas | V375 | E10D | 61s | 34 | | 55s | 29 | 76 | 50s | 24 | 71 | 45s | 66 | 39s | | 60 | | 34s | | 55 | 29s | 76s | 50 | 23s | 71s | 44 | | 65s | 39 | | 60s | 34 | | |
| Cas | V381 | E10X | 32 | | | | | 55 | 42 | 30 | | | | | 54 | | 28 | | | | | | | | | | | | | | 50 | | 25 | |
| Cas | V459 | L10 | | | | 10 | | | | | 39 | | | | 56 | | | | | | | | | | | | | | | | | | 47 | |
| Cep | RZ | 90 | 43+ | 35+ | 28+ | 21+ | 44+ | 37+ | 29+ | 22+ | 45+ | 38+ | 30+ | 23+ | 46+ | 39+ | 32+ | 24+ | 48+ | 40+ | 33+ | 25+ | 49 | 41+ | 34+ | 27+ | 19+ | 43+ | 35+ | 28+ | 20+ | 44+ | 36+ | |
| JD | 562 | .. | 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 | 93 | |

| 2012 | Dez | | 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 | 19+ | 30+ | 27+ | 25+ | 22+ | 20+ | 31+ | 28+ | 26+ | 23+ | 21+ | 32+ | 29+ | 27+ | 24+ | 22+ | 19+ | 30+ | 28+ | 25+ | 23+ | 20+ | 31+ | 29+ | 26+ | 23+ | 21+ | 32+ | 30+ | 27+ | 24+ | |
| Cep | XX | S10 | | 65 | | | | | 33 | | 66 | | | | 34 | | | 67 | | | | | 35 | | 69 | | | | | 36 | | 70 | | |
| Cep | XY | E10S | | | 55 | | | | | | | | | | 65 | | | | 42 | | | 20 | | | | 75 | | | | 52 | | | 29 | |
| Cep | ZZ | S10 | | 45 | | 59 | | | | | | | | | | 30 | | | 45 | | 59 | | 73 | | | | | | | | | 30 | | |
| Cep | AI | E10S | | | | | | | | | | | 28s | | 40 | | 51s | | | | | 73s | | | | | | | 19s | | 30 | | | |
| Cep | CW | E10X | 62 | | | 35 | 77 | | | 50 | | | 23 | 54 | | | 26 | 69 | | | | 42 | 72 | | | | | 60 | 45 | | 33 | | 64 | |
| Cep | EI | L10 | | 73 | | | | 94s | | | | | 16 | | | 38s | | | | | | 60 | | | | | | | 82s | | 4 | | | |
| Cep | EX | L10 | | | | | | | | | | 32 | | | | | | | | | | | | | | 75 | | | | | | | | |
| Cep | NN | E10S | 42s | 45 | 48s | 51 | 54s | 57 | 60s | 63 | 65s | 68 | 71s | 74 | 77s | | | | | | | | | | | | | | | | 21 | 24s | 27 | |
| Cet | RR | RR | | 25 | 36 | 47 | | | 23 | 34 | 44 | | | 21 | 31 | 42 | | | 19 | 29 | 40 | | | | 27 | 38 | | | 25 | 35 | | | | |
| Cet | RV | 90 | 39 | | 26 | | | 38 | | 25 | | | 37 | | 24 | | | 36 | | | | | 34 | | 21 | | 33 | | 20 | | | | 32 | |
| Cet | TU | E10S | | 35 | | | | 74 | | | | | 13 | | | 52 | | | | | | 91 | | | | 30 | | | | 70 | | | | |
| Cet | TV | L10 | | 47 | | | | | 8 | | | | 57 | | | | | 19 | | | | | 68 | | | | 29 | | | 78 | | | | |
| Cet | XY | E10S | | | 45s | | | 23s | | | | 40 | | | | | | | 35s | | | | | | 30 | | | | 47s | | | | 25s | |
| Com | S | 90 | 70 | | | 63 | | | 56 | 74 | | | 67 | | | 60 | 78 | | 54 | 71 | | | 64 | | | 57 | 75 | | 51 | 68 | | | 61 | |
| Com | ST | 90 | 75 | | | 74 | | | 74 | | | 73 | | | 73 | | | 72 | | | | 72 | | 71 | | | 71 | | 70 | | | | 70 | |
| CrB | U | S10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crt | W | 90 | 73 | | 79 | | | | | 73 | | | | | 68 | 74 | | | | | | | | 74 | | | | | 68 | | | | | |
| Cyg | UY | RR | 35 | | | | 27 | | | | | 20 | 32 | | | 24 | 37 | | | | | 29 | | | | 22 | 34 | | | 26 | | | | |
| Cyg | XZ | RR | 40 | 34 | 27+ | 20 | | 47 | 40 | 34 | 27+ | | 20+ | | | 40 | | 33 | 27+ | 20+ | | | 40 | 33 | 27+ | 20+ | | | 40 | 33 | | 27+ | | |
| Cyg | BO | E10S | | | | | | 42 | | | | | | | 44 | | | 20 | | | | | | | 22 | | | | | | | 25 | | |
| Cyg | BR | E10S | | 30 | | | | 30 | | | 30 | | | | 29 | | | | | 29 | | | | 29 | | | | 29 | | | | 28 | | |
| Cyg | DM | RR | 20 | | 30 | | 40 | 24 | | 34 | | | 28 | 38 | 22 | | | 32 | | | | 26 | | 36 | | 20 | | 30 | | 24 | | 34 | | |
| Cyg | EM | K10 | 37 | 24 | 41 | 28 | | 32 | 19 | 35 | 23 | 39 | 26 | 30 | | 34 | | 21 | 37 | 24 | | 28 | | 32 | 19 | 35 | 23 | | 26 | 30 | | 34 | | |
| Cyg | V367 | L10 | | | \ | \ | 52 | / | / | | | | | \ | \ | 82s | / | / | / | / | | | \ | \ | \ | 12 | / | / | | | | | | |
| Cyg | V463 | E10S | | | | | | | | 24 | | | | | | 24 | | | | | | | | | | | | | | | | | | |
| Cyg | V477 | | | 19 | | | | | 20 | | | 23 | | | | | | | 27 | | | | | 28 | | | 31 | | | | | | | |
| Cyg | V541 | L10 | | | | | | | | 95 | | | | | | | 24 | | 26 | | | | | | | 28 | | | | | | | | 60 |
| Cyg | V548 | E10S | | | | 34 | | | | | 76 | | | | 37 | | | | | | 79 | | | | 40 | | 20 | | | | | | | |
| Cyg | V788 | L10 | 77/ | | | | | | | | | | | | | | | | | | | | | | | 78\ | 73 | 69/ | | | | | | |
| Cyg | V891 | E10S | | | | | | | | | 26 | | | | | | | | | 79 | | | | | | | | | | | | 23 | | |
| Cyg | V909 | E10S | | | | | | 20s | | | | | | | 21 | | | | | | | | | | | | | | 24 | | | | | |
| Cyg | V1061 | E10S | | | | | | | | 33 | | | | | | 37 | | | | | | | | | 41 | | 75 | | | | | | | 79 |
| Cyg | V1918 | E10D | 27s | 30 | 33s | 37 | 19+ | 23s | 26 | 29s | 32 | 36s | 39 | 22 | 25s | 28 | 32s | 35 | 38s | 21s | 24 | 27s | 31 | 34s | 37 | 20 | 23s | 26 | 30s | 33 | | 19s | | 22 |
| Del | DX | 90 | | | | 29 | 23 | | | | | | | | 27 | 21 | | | | | | | | | | | 25 | 19 | | | | | | 23 |
| Del | NN | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dra | RW | RR | 35+ | 24+ | 56 | | 34+ | 22+ | 55 | | 32+ | 21+ | 54 | | 31+ | 19+ | 52 | | 29+ | 62 | 51 | | | 28+ | 61 | 50 | | 27+ | 60 | 48 | | 25+ | 58 | 47 |
| Dra | SU | RR | 19 | 51 | | 49 | | 48 | | 46 | 78 | 44 | 76 | 42 | 74 | 40 | 72 | 38 | 70 | 36 | 68 | 34 | | 66 | 33 | 65 | 31 | 63 | 29 | 61 | 27 | 59 | 25 | 57 |
| Dra | SW | RR | 35 | 49 | 63 | 20+ | 34 | 48 | 61 | 75 | 32 | 46 | 60 | 74 | 31 | 45 | 59 | 73 | 30 | 44 | 58 | 72 | | 29 | 43 | 57 | 70 | 27 | 41 | 55 | 69 | 26 | 40 | 54 |
| JD | 562 | .. | 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 | 93 | |

| 2012 | Dez | | 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 | V345 | E10X | | | 8 | | | | 93 | | | 57 | | | | | 42 | | | 6 | | | | 91 | | 55 | | | | | 41 | | | | |
| Lac | V364 | E10X | | | | | | | | | | | | | | | | | | | | | | 45 | | | | 20 | | | | | | | |
| Leo | RR | RR | | | 73 | 64 | 54 | 45 | | 71 | 61 | 52 | | 78 | 69 | 59 | 49 | | 76 | 66 | 57 | 47 | | 73 | 64 | 54 | 45 | 71 | 61 | 52 | 42 | 78 | 69 | | |
| Leo | SS | RR | 66 | | | | 79 | | 67 | | | | | 68 | | 56 | | | 69 | | 57 | | | 70 | | 58 | | 71 | | 59 | | | 72 | | |
| Leo | ST | RR | 75 | 70 | 66 | 62 | 57 | | | | | | | 79 | 74 | 70 | 65 | 61 | | 57 | 52 | | | | 78 | 74 | 69 | 65 | 60 | 56 | 52 | | | | |
| Leo | AG | E10S | | | | | | | | | | 68 | | | | | | | | 46 | | | | | | | | 64 | | | | | | | |
| Leo | AM | S10 | 66s | 57+ | 67 | 59+ | 68s | 60+ | 70 | 61+ | 52+ | 62 | 54+ | 63s | 55+ | 65 | 56+ | | 66s | 57+ | 67 | 58+ | 50+ | 60+ | 51+ | 61+ | 52+ | 62 | 53+ | 63s | 55+ | 46+ | 56+ | 47+ | |
| Leo | FM | E10U | | | | | | | | | | | | | | | 23 | | | | | | | | | | | | | | | | | | |
| Lyn | TY | E10S | 67 | | | | | | | | | 34 | | | | 67 | | | | | | | | | 33 | | | | 66 | | | | | | |
| Lyn | CD | E10S | | | | | | | | | | | | 27 | | | | | | | | | | 37 | | | | | | | | | | | |
| Lyr | RR | RR | | | | 29 | | | | | 26 | | | | | | | | 20+ | 33 | | | 73 | | | | 27 | | | | 23 | | | | |
| Lyr | RZ | 90 | | | | | | | | | 19 | 21 | 23 | 25+ | 28+ | | | | | | | | | | | | | | | | | | | 19+ | |
| Lyr | UZ | S10 | | | | | | | | | | | | | | 32 | | | | | | | | | 78 | | | | | | | | | | |
| Lyr | CN | 90 | | | 23 | | 29 | | | | | | | 28 | | | | | | 22 | | | | | | | | | | | | | | | |
| Lyr | EZ | RR | 30 | | | | | | | | | | 23+ | 28 | | | | | | | | 21+ | 26+ | | | | | | | | | 19+ | 24+ | | |
| Lyr | IO | 90 | | 28 | | | | | | | | | 20+ | | | 24 | | | | | | | | 75 | | 21+ | | | | | | | | 71 | |
| Lyr | beta | S10 | 20 | | | | | | 67s | | | | | | | 14 | | | | | | | | | | | | | 8 | | | | | | |
| Mon | UX | E10S | | | 90s | | 85 | | | | 80s | | | 76 | | 71s | | | | | | | | | | 57 | | 52s | | | 47 | | | | |
| Mon | VV | E10S | | | | 8 | | | | | | 13 | | | | | | | 18 | | | | | | 24 | | | | | 29 | | | | | |
| Mon | AQ | E10S | | | | | 57s | | | | | | 67s | | | 48 | | | | | | 57 | | | 39s | | | | 48s | | | | | | |
| Mon | AR | L10 | | 85\ | 70s | 54/ | | | | | | | | | 45\ | 30 | 15/ | | | | | | | | | 6\ | 75/ | | | | | | | | |
| Mon | AT | E10S | 66 | | 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon | AV | E10S | 6 | | | | | | | 1 | | | | | | 95 | | | | | | | | 90 | | | | | | 85 | | | | | |
| Mon | EZ | E10U | | 24s | 37 | | 25s | 38 | | 26s | 39 | | | 27s | 40 | | 28s | | | | | | | | | 31s | 19 | 32s | | 20 | 33s | | | 21 | |
| Mon | IL | E10S | | | 79 | | | | 82 | | | | | 85 | | | 87 | | | | | | | | 93 | | | | 95 | | | | | 98 | |
| Mon | V448 | E10S | 42 | 54 | 66 | | | 46s | 58s | 69s | | 37 | 49 | 61 | | 40s | | 52s | 64s | | | 44 | 56 | | | 35s | 47s | 59s | | 39 | 50 | | 62 | | |
| Mon | V530 | E10U | 61s | 40+ | 45+ | 51 | 56 | 61 | 40+ | 45+ | 50s | 55s | 60s | 39+ | 44+ | 49 | 54 | 59 | 38+ | 43s | 48s | 53s | 59s | 37+ | 42 | 48 | 53 | 58 | 37+ | 42s | 47s | 52s | 57s | | |
| Mon | V536 | | | | | 57 | | | | | | | | | | 22 | | | | | | | | | | | | | | | | | | | |
| Mon | V634 | E10U | | | | | | | | | | | | 43 | | 55 | | 66 | | | | | | | | | | | | | | | | 46 | |
| Ori | Z | E10S | | 73 | | | | | 93 | | | | | | | 13 | | | | | | | | | 54 | | | | 74 | | | | | | |
| Ori | BM | E10S | | | | 98 | | | | | | | | 45 | | | | | | | | | 92 | | | | 39 | | | | | 86 | | | |
| Ori | CP | E10S | 11 | | | | | 43 | | | | | | 75 | | | | | | | | | | | 39 | | | 71 | | | | | | | |
| Ori | DN | L10 | | | | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | | |
| Ori | EW | E10X | | | 57 | | | | | | | 50 | | | | | | | | 44 | | | | | | | 38 | | | | | | | | 31 |
| Ori | FO | L10 | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | |
| Ori | FT | E10X | | | | | | | | | | | | 36 | 37 | | 51 | 52 | | 66 | 67 | | | | | | | | | | | | | 26 | |
| Ori | GG | E10X | | | | | | | 58 | | | 37 | | | | | | | | | | | | | | | | | 48 | | | | | | |
| Ori | V536 | E10S | | | 39 | | | 55 | | | | | | | | | | | | | | | | | 37 | | | 53 | | | | | | | |
| Ori | V1031 | E10S | 45 | | | | | 56s | | | | | | | | 37s | | | | | | | | | | | | | | | | | | 40s | |
| JD | 562 | .. | 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 | 93 | | |

| 2012 | Dez | | 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 | U | S10 | 24+ | 37 | 31s | 24+ | 37 | 30s | 24+ | 37 | 30s | 24+ | 36 | 30s | 24+ | 36 | 30s | 24+ | 36 | 30s | 23+ | 36 | 30s | 23+ | 36 | 29s | 23+ | 35 | 29s | 23 | 35 | 29s | 23 | |
| Peg | VV | RR | 23 | 20 | | | | | | | | | | | | | | 37 | 34 | 32 | 30 | 27 | 25 | 23 | 20 | | | | | | | | | |
| Peg | VW | | | | | | | | | | 51 | | | | | | | | | | | | | | | | | | | | | | | 58 |
| Peg | AV | RR | 31 | | 27 | | 22 | 39 | | 34 | | 29 | | 25 | | 20 | 37 | | 32 | | | | | | 35 | | 30 | | 25 | | | | 20 | |
| Peg | AW | L10 | | | 44 | | | | | | | | | | | 6 | | | | | | | | | 69 | | | | | | | | | |
| Peg | BH | 90 | | 30 | | 22 | | | | | 35 | | 27 | | 20 | | | | | | 32 | | | | 37 | | | 30 | | | 22 | | | |
| Peg | BK | E10S | | | | | | | | | | | 24 | | | | | | | | | | | 22 | | | | | | | | | | |
| Peg | CG | 90 | | | | 40 | 33 | 27 | | 20 | | | | 34 | 27 | 21 | | | | | | | 35 | 28 | 21 | | | | 29 | | 22 | | | |
| Peg | DF | L10 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 71 | | | | | | |
| Peg | DH | RR | 33 | 35 | 37 | | | | 20 | 22 | 25 | 27 | 29 | 31 | 33 | | | | | | 19 | 21 | 23 | 26 | 28 | 30 | 32 | | | | | 20 | | 22 |
| Peg | GH | E10S | | | 30 | | | | | | | | | | | | | | | | | | | 19 | | | | 31 | | | | | | |
| Peg | IP | K10 | 24+ | 19+ | 22+ | 25+ | 19+ | 22+ | 25+ | 20+ | 23+ | 26+ | 21+ | 23+ | 26+ | 21+ | 24+ | 19+ | 22+ | 25+ | 20+ | 22+ | 25+ | 20+ | 23+ | 26+ | 21+ | 24+ | 19+ | 21+ | 24+ | 19+ | 22+ | |
| Per | RW | L10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | RY | E10S | | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Per | AG | E10X | | | | | | | | | | | | | | 20 | 20 | 23 | 22 | 26 | 25 | 29 | 28 | 31 | 31 | 34 | 34 | 37 | 37 | 40 | 40 | 43 | 42 | |
| Per | AR | 90 | 25+ | 52 | 38 | 23+ | 50 | 35 | 21+ | 48 | 33+ | 61 | 46 | 31+ | 59 | 44 | 29+ | 57 | 42 | 27+ | 55 | 40 | 25+ | 53 | 38 | 23+ | 50 | 36 | 21+ | 48 | 33 | 19+ | 46 | |
| Per | AY | L10 | 99 | | | | | | | | | | | | 76 | | | | | | | | | | | | | | | | | | | |
| Per | IQ | 90 | 45 | 23 | 19 | | | 68 | | 42 | 21 | | | | 65 | | 40 | | | | | | | 63 | | | | | 60 | | 35 | | | |
| Per | KN | E10U | 34 | 21 | | | 67 | 54 | 41 | 27 | | | 61 | 47 | 34 | 21 | | | | | | 54 | 40 | 27 | | 60 | 47 | 34 | 20 | | | | | |
| Per | LX | L10 | | 0s | | | | 2 | | | | 4s | | | 6 | | | | | | 8s | | | | 10 | | | 12s | | | | | 14 | |
| Per | beta | S10 | | | | | | | | | | | 60 | | | 47 | | | | 33 | | | | | | | | | | | | | | |
| Psc | RY | 90 | | | | 21 | 27 | 33 | 39 | | | | | | 22 | 28 | 34 | | | | | | | | 22 | 28 | 34 | | | | | | | 23 |
| Psc | SS | 90 | 20+ | 35 | 22+ | 37 | 23+ | 38 | 25+ | 40 | 26 | 41 | 27 | 43 | 29 | 44 | 30 | 45 | 32 | 47 | 33 | 20+ | 35 | 21+ | 36 | 22 | 38 | 24 | 39 | 25 | 40 | 27 | | 42 |
| Sge | SY | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ser | AN | 90 | 76 | | | | | | | | | | | 73 | 77 | | | | | | | | | | | 69 | 74 | 78 | | | | | | |
| Ser | BH | 90 | | 73 | | | 77 | | | | 69 | | | 73 | | 77 | | | | | | 68 | | | 72 | | 76 | 63 | | | | 68 | | |
| Ser | LX | K10 | 71 | | 77 | 72 | | 78 | 73 | 68 | 79 | 74 | 69 | 75 | 70 | | | 76 | 71 | 66 | 77 | 72 | 67 | 78 | 73 | 68 | 79 | 74 | 69 | 64 | 75 | 70 | 65 | |
| Sex | T | 90 | 59 | 57 | 54 | 52 | | 79 | 76 | 74 | 71 | 69 | 66 | 63 | 61 | 58 | 56 | 53 | 50 | 48 | 78 | 75 | 73 | 70 | 67 | 65 | 62 | 60 | 57 | 54 | 52 | 49 | 47 | |
| Tau | RW | S10 | 68 | | 45 | | | | | 22 | | | | | | 52 | | | | | | | | | | | | 60 | | | 37 | | | |
| Tau | CD | S10 | 40 | | | | | 55s | | 27 | | | | | 42s | | | | | | | | | | | | 45 | | | | | | 60s | |
| Tau | EN | E10S | | | | 71 | | | | | 67 | | | | | 63 | | | | | | | | | | | | | | | 49 | | | |
| Tau | V1094 | L10 | 34 | | | | | | | 21 | | 33 | | | | | | 19 | | | | | | | | | | | | 31 | | | | |
| Tau | V1125 | E10S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 |
| Tri | X | S10 | 46 | 43 | 41 | 38 | 35 | 32 | 29 | 26 | 24 | 21 | | | | 55s | | 52s | 49s | 46s | 44s | 41s | 38s | 35s | 32s | 29s | 27s | 24s | 21s | | | | | |
| Tri | RU | E10S | | | 31 | | | 58 | | | | | | | | | | 39 | | | | | | | | | | 19 | | | 46 | | | |
| Tri | UX | 90 | | 41 | 34 | 28 | 21 | | | | | 35 | 28 | 22 | | | | | | | 35 | 28 | 22 | | | | 35 | 29 | 22 | | | | | |
| UMa | W | S10 | 40+ | 41+ | 41+ | 41+ | 41+ | 41+ | 41+ | 41+ | 41+ | 41+ | 41+ | 25+ | 25+ | 25+ | 25+ | 25+ | 25+ | 25+ | 25+ | 25+ | 25+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ | 26+ |
| UMa | RV | RR | 22+ | 62 | 56 | 49 | | | 77 | 71 | 64 | 58 | 51 | 45 | | 79 | 73 | 66 | 60 | 53 | 47 | 41 | | | | | | 49 | 43 | | | 77 | 70 | 64 |
| UMa | RW | E10S | | | | | | | 76s | | | | 42 | | | | | | | | | | | | | | | | | | | 74s | | |
| JD | 562 | .. | 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 | 93 | |

| 2012 | Dez | | 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 | TU | RR | | | | 59 | 70 | | | 49 | 61 | 72 | | | 51 | 63 | 74 | | | 53 | 64 | 76 | | 43 | 55 | 66 | 78 | | 45 | 57 | 68 | | | | |
| UMa | TX | S10 | | | | | | | | | | | | | | | | | | | | | | | 39 | | | 45 | | | | 52 | | | |
| UMi | W | S10 | 31 | | | 72 | | | | 42 | | | | 52 | 22 | | | | | 62 | 32 | | | 73 | 43 | | | | | 53 | | 23 | | | |
| Vir | ST | 90 | | 77 | | | | | | | 75 | | | | | 68 | | | | 74 | 79 | | | 67 | 72 | | 78 | | | 65 | | 70 | | | |
| Vir | AG | E10D | 64 | 60s | 57 | | | 78 | 74s | 71 | 67s | 64 | 60s | 56 | | 78 | | 74s | 71 | 67s | 63 | 60s | 56 | 53s | | 78 | 74s | 70 | 67s | 63 | 59s | 56 | 52s | | |
| Vir | AH | S10 | 68s | 70 | 72s | 74 | 75s | 57+ | 59+ | 61s | 63 | 64s | 66 | 68s | 70 | 72s | 74 | 55+ | 57+ | 59 | 61s | 63 | 65s | 67 | 69s | 70 | 52+ | 54+ | 56+ | 58+ | 59 | 61s | 63 | | |
| Vir | AT | 90 | | | 70 | 75 | | | | | | | | | 69 | 74 | | 79 | | | | | | | 62 | 68 | 73 | 78 | | | | | | | |
| Vir | AV | 90 | | | | | | | | | 78 | | 75 | 72 | | 69 | | | 67 | | 64 | | 61 | | 58 | | | | | | | 74 | 68 | | |
| Vir | CG | E10S | 75 | | | | | | | 76s | | | | | | 78 | | 71 | | | | | | 79s | 73s | 66s | | | | | | | | | |
| Vul | Z | S10 | | 26s | | | | | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | |
| Vul | BN | 90 | | | 20 | | | | | | | | | | | | | 27 | | | 24 | | | 21 | | 78 | | | | | | | | | |
| Vul | EV | E10S | | | | | | | | | 19s | | | | | 25 | | | | | | | | | | | | | | | | | | | |
| JD | 562 | .. | 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 | 93 | | |

BAV-Programm Mirasterne (M)

| Stern | | 2012 | | | | | | | | | | | | | | | 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-----|------|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|------|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|-----|---|---|---|---|---|
| | | Jan | | | Feb | | | Mrz | | | Apl | | | Mai | | | Jun | | | Jul | | | Aug | | | Spt | | | Okt | | | Nov | | | Dez | | | Jan | | | Feb | | | | | |
| | | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | | | | | | |
| CD | Gem | | | | | | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RU | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS | Her | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Lac | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Leo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Leo | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | LMi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Lyn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W | Lyr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | Oph | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z | Oph | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U | Ori | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y | Ori | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Peg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Per | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U | Per | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y | Per | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TW | Per | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Psc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Ser | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Ser | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Tau | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Tau | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| V | Tau | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IK | Tau | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Tri | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | UMa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | UMa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | UMa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS | UMa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | UMi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U | UMi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Vir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| V | Vir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | Vul | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 |
| | | Jan | | | Feb | | | Mrz | | | Apl | | | Mai | | | Jun | | | Jul | | | Aug | | | Spt | | | Okt | | | Nov | | | Dez | | | Jan | | | Feb | | | | | |