

MAS RR Lyrae Ephemeris for January 2024

all times in U.T.

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| | SW | XX | AT | SW | YZ | AA | BO | BR | DN | TZ | BH | RS | ST | SW | SZ | TV | TW | UU | UY | UY | RW | TT | VZ |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | AND | AND | AND | AQR | AQR | AQR | AQR | AQR | AQR | AUR | AUR | BOO | BOO | BOO | BOO | BOO | BOO | BOO | BOO | BOO | CAM | CNC | CNC |
| MAX | 9.3 | 10.3 | 10.8 | 10.5 | 12.1 | 11.4 | 11.6 | 10.8 | 10.7 | 11.2 | 11.1 | 9.8 | 10.6 | 11.3 | 12.0 | 10.8 | 10.8 | 11.2 | 10.6 | 11.5 | 10.7 | 11.0 | 7.2 |
| MIN | 10.8 | 11.6 | 11.5 | 12.1 | 12.9 | 13.0 | 12.6 | 11.9 | 11.5 | 12.8 | 12.6 | 11.3 | 11.8 | 12.7 | 13.4 | 11.5 | 12.1 | 12.7 | 12.0 | 11.9 | 12.6 | 12.3 | 7.9 |
| RISE | 2 | 3 | 3 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 0- 1 | 3.0 | | | | | | | | | 5.5 | 4.0 | | | | | 7.0 | 11.5 | | | 3.0 | 5.5 | 11.0 | 7.5 |
| 1- 2 | 0.0 | | 4.5 | | | | | | | 0.5 | 1.5 | | 9.5 | | | 5.5 | | 7.0 | 4.5 | 8.0 | | | |
| 2- 3 | | 4.0 | | | | | | | | 4.5 | 10.5 | | | 6.5 | 8.0 | | | | | 6.0 | 10.0 | 3.5 | 2.0 |
| 3- 4 | 5.0 | | 0.5 | 1.0 | 0.0 | | 0.0 | | | 9.0 | 8.5 | | | 7.0 | 9.0 | | | 11.0 | 1.5 | 12.5 | 6.5 | 4.0 | |
| 4- 5 | 2.5 | | | | | | | 2.5 | 1.5 | 3.5 | 6.5 | 7.0 | 12.5 | 8.0 | 10.0 | | | 9.0 | 3.0 | 1.5 | 9.5 | 5.5 | |
| 5- 6 | | 1.5 | | | | | | 1.5 | | 8.0 | 4.0 | | | 8.5 | 11.0 | 7.5 | 6.5 | | | 4.5 | 4.0 | 12.5 | 7.0 |
| 6- 7 | | | 2.5 | | | | | 1.0 | | 2.5 | 2.0 | | 9.0 | 9.0 | 12.0 | 6.0 | 8.0 | | 12.0 | 6.5 | 6.0 | 2.0 | |
| 7- 8 | 5.0 | 5.5 | | | | | | 0.0 | | 7.0 | 11.0 | 7.5 | | 10.0 | | | 9.5 | | | 1.5 | 8.5 | 5.0 | 2.0 |
| 8- 9 | 2.0 | | | | | | | | | 1.5 | 9.0 | | | 10.5 | | | 11.0 | | 11.0 | 3.0 | 10.5 | 8.0 | 3.5 |
| 9-10 | | | 5.0 | 0.0 | | 0.5 | | | | 6.0 | 6.5 | | 12.0 | 11.0 | | | 12.5 | 9.5 | | 5.0 | 13.0 | 11.0 | 5.5 |
| 10-11 | | 2.5 | | | | | | | | 0.5 | 4.5 | 8.0 | | 12.0 | | 7.5 | | 7.5 | 10.0 | 0.0 | 2.0 | | 7.0 |
| 11-12 | 4.5 | | 1.0 | | | | | | 1.0 | 5.0 | 2.5 | | 8.5 | | | 6.0 | | | | 1.5 | 4.5 | 4.0 | |
| 12-13 | 1.5 | 6.5 | | | | 1.5 | 1.0 | | | 9.0 | 0.5 | | | | | | | 8.5 | 3.5 | 6.5 | 7.0 | 2.0 | |
| 13-14 | | 0.0 | | | | | | | | 4.0 | 9.0 | 8.0 | | | 7.5 | | | | | 5.0 | 9.0 | 10.0 | 3.5 |
| 14-15 | | | 3.0 | | 1.0 | | | | | 8.0 | 7.0 | | 11.5 | | 8.5 | | 7.5 | 10.0 | 7.5 | 0.0 | 11.0 | 13.0 | 5.5 |
| 15-16 | 4.0 | 4.0 | | | | | | | | 3.0 | 5.0 | | | 9.5 | 7.5 | 9.0 | 8.0 | | 2.0 | | 2.5 | 7.0 | |
| 16-17 | 1.0 | | | | | | | | | 7.0 | 3.0 | 8.5 | 8.0 | | 10.5 | 6.0 | 10.5 | | | 3.5 | 2.5 | 5.5 | |
| 17-18 | | | 5.0 | | | | | 3.0 | | 2.0 | 1.0 | | | | 11.5 | | 12.0 | | | 5.0 | 5.0 | 8.5 | 2.0 |
| 18-19 | | 1.5 | | | | | | 2.0 | 0.0 | 6.0 | 9.5 | | | | | | | | | 0.5 | 7.0 | 11.5 | 3.5 |
| 19-20 | 3.5 | | 1.5 | | 0.5 | | | 1.0 | | 1.0 | 7.5 | | 11.0 | | | | | 11.0 | 12.5 | 2.0 | 9.5 | | 5.0 |
| 20-21 | 0.5 | 5.5 | | 0.5 | | | | 0.5 | | 5.0 | 5.5 | | | | | 7.5 | | 8.5 | | 3.5 | 11.5 | 4.0 | 7.0 |
| 21-22 | | | | | | | 1.5 | | | 9.5 | 3.5 | | 7.5 | 6.5 | | 6.0 | | | 11.5 | 5.0 | | 7.0 | 8.5 |
| 22-23 | 5.5 | | 3.5 | | | | | | | 4.0 | 1.0 | | | 7.5 | | | 7.0 | | | 0.5 | 3.0 | 10.0 | |
| 23-24 | 3.0 | 3.0 | | | | 1.0 | | | | 8.5 | 10.0 | | | 8.0 | | | 8.5 | 10.0 | | 2.0 | 5.5 | | 3.5 |
| 24-25 | 0.0 | | 0.0 | | | | | | | 3.0 | 8.0 | 7.0 | 10.5 | 8.5 | 7.0 | | 10.0 | | | 3.5 | 7.5 | 3.0 | 5.0 |
| 25-26 | | 7.0 | 5.5 | | | | | | | 7.5 | 6.0 | | | 9.0 | 8.0 | 7.5 | 11.5 | 9.5 | 9.0 | 5.5 | 10.0 | 6.0 | 6.5 |
| 26-27 | 5.0 | 0.5 | | | | 2.0 | | | | 2.0 | 3.5 | | | 10.0 | 9.0 | 6.0 | | 7.5 | | 0.5 | 12.0 | 9.0 | 8.5 |
| 27-28 | 2.5 | | 2.0 | | | | | | | 6.5 | 1.5 | 7.5 | 13.0 | 10.5 | 10.0 | | | | 8.0 | 2.0 | | 12.0 | |
| 28-29 | | 4.5 | | | | | | | | 1.0 | 10.5 | | | 11.0 | 11.0 | | | | | 4.0 | 3.5 | | 3.0 |
| 29-30 | | | | | | | | | | 5.5 | 8.5 | | 10.0 | 12.0 | 12.5 | | | | | 5.5 | 5.5 | 4.5 | 5.0 |
| 30-31 | 4.5 | | 4.0 | | 1.0 | | 2.0 | | 1.0 | 0.0 | 6.0 | 7.5 | | | | 7.5 | 6.5 | 10.0 | | 0.5 | 8.0 | 7.5 | 6.5 |

| | VZ | KV | SS | YZ | RR | RU | RV | RX | RZ | TY | UU | S | XX | XZ | DM | RW | XZ | RX | SV | BB | RX | SS | RR |
|-------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | CNC | CNC | CVN | CAP | CET | CET | CET | CET | CET | CET | CET | COM | CYG | CYG | CYG | DRA | DRA | ERI | ERI | ERI | FOR | FOR | GEM |
| MAX | 7.2 | 11.9 | 11.2 | 11.0 | 9.3 | 10.8 | 10.3 | 11.0 | 11.2 | 11.4 | 11.5 | 10.9 | 11.4 | 9.1 | 11.2 | 11.0 | 9.6 | 9.2 | 9.6 | 10.9 | 11.1 | 9.4 | 10.7 |
| MIN | 7.9 | 13.0 | 12.5 | 11.6 | 10.3 | 12.1 | 11.2 | 11.7 | 12.4 | 11.9 | 12.4 | 12.1 | 12.5 | 10.5 | 12.7 | 12.0 | 10.3 | 10.1 | 10.2 | 11.9 | 12.5 | 10.6 | 11.9 |
| RISE | 1 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 3 | 2 | 2 | 3 | 3 | 5 | 2 | 2 | 2 | 2 |
| 0- 1 | 3.0 | 10.0 | | | | 1.5 | 3.0 | | | | | | 4.5 | 2.0 | | 8.5 | 2.0 | | 3.5 | 7.0 | | | 1.5 |
| 1- 2 | 5.0 | 10.0 | | | | | | | | 5.0 | | 6.0 | 9.5 | 0.5 | 0.5 | | 1.0 | 1.0 | | | | | 6.0 |
| 2- 3 | 6.5 | 10.5 | | | | | | 3.5 | | 4.5 | | 10.5 | 5.0 | 10.0 | | | 11.0 | 5.0 | | 0.0 | 3.5 | | 1.0 |
| 3- 4 | 8.0 | 10.5 | | | 1.0 | 0.0 | | | | 3.5 | | | 0.0 | | 3.0 | 0.0 | 10.0 | | | 3.5 | | | 5.5 |
| 4- 5 | | 10.5 | | | 3.5 | | | | | 3.0 | | | | | | 8.0 | 9.0 | | | 7.0 | | | 0.5 |
| 5- 6 | 3.0 | 10.5 | 11.0 | | | | 2.5 | 0.0 | | 2.5 | | 9.0 | 1.0 | | | | 7.5 | 3.5 | 3.0 | | 3.0 | | 5.0 |
| 6- 7 | 4.5 | 10.5 | 10.0 | | | | | | | 1.5 | | 13.0 | | 3.5 | 1.5 | | 6.5 | | | | | | 0.5 |
| 7- 8 | 6.5 | 10.5 | 8.5 | | | 2.5 | | | | 1.0 | 0.0 | | 1.5 | 2.0 | | 10.5 | 5.5 | | | 3.0 | | | 5.0 |
| 8- 9 | 8.0 | 11.0 | 7.5 | | 0.5 | | 5.5 | | | 0.0 | | 7.0 | | 0.5 | | 7.5 | 4.5 | 2.0 | | 6.5 | 2.5 | | 9.5 |
| 9-10 | | 11.0 | 6.5 | | 3.0 | | | 0.5 | 0.0 | | | 11.5 | 2.0 | 10.0 | | | 3.0 | 6.5 | | | | | 4.5 |
| 10-11 | 3.0 | 11.0 | 5.5 | | | 1.0 | 2.0 | | 0.5 | | 1.0 | | | | | | 2.0 | | 3.0 | | | 4.0 | 9.0 |
| 11-12 | 4.5 | 11.0 | | | | | | | 1.0 | | | 5.5 | 2.5 | | 2.5 | 10.0 | 1.0 | 0.5 | | 3.0 | 2.5 | 4.0 | 4.0 |
| 12-13 | 6.0 | 11.0 | | | | | | | 1.5 | 5.0 | | 9.5 | | | | 7.5 | 11.0 | 5.0 | | 6.5 | | 3.5 | 9.0 |
| 13-14 | 8.0 | 11.5 | | | | | 5.0 | 1.0 | 2.0 | 4.5 | 1.5 | | 3.0 | 3.5 | | | 10.0 | | | | | 3.5 | 4.0 |
| 14-15 | | 11.5 | | | 2.5 | 3.5 | | | 2.5 | 4.0 | | | | 2.0 | 1.0 | | 9.0 | | | | 2.0 | 3.5 | 8.5 |
| 15-16 | 2.5 | 11.5 | | | 5.0 | | 2.0 | | 3.0 | 3.0 | | 8.0 | 3.5 | 0.5 | | 9.5 | 8.0 | 3.5 | 3.0 | 2.5 | | 3.0 | 3.5 |
| 16-17 | 4.5 | 11.5 | 11.0 | | | | | | 3.5 | 2.5 | 2.5 | 12.0 | | 10.0 | | 7.0 | 6.5 | 7.5 | | 6.0 | | 3.0 | 8.0 |
| 17-18 | 6.0 | 11.5 | 10.0 | | | 1.5 | | 1.5 | 4.0 | 2.0 | | | 4.0 | | | | 5.5 | | | | 2.0 | 2.5 | 3.5 |
| 18-19 | 7.5 | 12.0 | 9.0 | | | | 4.5 | | 4.5 | 1.0 | | 6.5 | 9.0 | | | | 4.5 | 1.5 | | | | 2.5 | 8.0 |
| 19-20 | | 12.0 | 8.0 | | 2.0 | | | | 5.0 | 0.5 | | 10.5 | 4.5 | | 2.0 | 9.5 | 3.5 | 6.0 | | 2.5 | | 2.0 | 3.0 |
| 20-21 | 2.5 | 12.0 | 7.0 | | 4.5 | 0.0 | 1.5 | | 5.5 | | | | 0.0 | 3.5 | | 6.5 | 2.0 | | 3.0 | 6.0 | 1.5 | 2.0 | 7.5 |
| 21-22 | 4.0 | | 6.0 | | | | | 1.5 | | | | 5.0 | | 2.0 | | | 1.0 | 0.0 | | | | 1.5 | 2.5 |
| 22-23 | 6.0 | | | | | | | | | | | 9.0 | 0.5 | 0.0 | 0.5 | | 11.5 | 4.5 | 6.5 | | | 1.5 | 7.0 |
| 23-24 | 7.5 | | | | | | 4.5 | | | 5.5 | | | | 10.0 | | 9.0 | 10.5 | | | 2.0 | 1.0 | 1.5 | 2.5 |
| 24-25 | | | | | 1.5 | 2.5 | | | | 4.5 | | | 1.0 | | 3.0 | 6.5 | 9.0 | | | 5.5 | | 1.0 | 7.0 |
| 25-26 | 2.5 | | | | 4.0 | | 1.5 | 2.0 | | 4.0 | | 7.5 | | | | | 8.0 | 3.0 | 3.0 | | | 1.0 | 2.0 |
| 26-27 | 4.0 | | | | | | | | | 3.5 | | 11.5 | 1.5 | | | 1.0 | 7.0 | 7.0 | | | 1.0 | 0.5 | 6.5 |
| 27-28 | 6.0 | | 11.0 | | | 1.0 | | | | 2.5 | 0.0 | | | 3.5 | 1.5 | 8.5 | 6.0 | | 6.5 | 2.0 | | 0.5 | 1.5 |
| 28-29 | 7.5 | | 10.0 | | | | 4.0 | | | 2.0 | | 6.0 | 2.5 | 2.0 | | 6.0 | 4.5 | 1.5 | | 5.5 | | 0.0 | 6.5 |
| 29-30 | | | 9.0 | 0.0 | 1.0 | | | 2.5 | | 1.0 | | 10.0 | | 0.0 | | | 3.5 | 5.5 | | | 0.5 | | 1.5 |
| 30-31 | 2.0 | 1.0 | 8.0 | | 3.5 | | 1.0 | | | 0.5 | 1.0 | | 3.0 | 10.0 | | 0.5 | 2.5 | | 3.0 | | 5.0 | | 6.0 |

all times in U.T.

| | GQ | VX | VZ | AR | DL | DY | DY | DY | SZ | UU | DG | DH | GO | RR | SS | ST | TV | WW | AA | VY | U | SZ | SZ |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| | GEM | HER | HER | HER | HER | HER | HER | HER | HYA | HYA | HYA | HYA | HYA | LEO | LEO | LEO | LEO | LEO | LEO | LMI | LEP | LYN | LYN |
| MAX | 13.6 | 9.9 | 10.7 | 10.6 | 11.0 | 10.2 | 10.2 | 10.2 | 10.6 | 10.7 | 11.6 | 11.4 | 11.6 | 10.0 | 10.5 | 10.8 | 11.5 | 11.0 | 11.3 | 13.6 | 9.8 | 9.1 | 9.1 |
| MIN | 14.6 | 10.4 | 12.0 | 11.6 | 12.4 | 10.6 | 10.6 | 10.6 | 11.7 | 12.3 | 12.6 | 12.6 | 12.2 | 11.7 | 12.0 | 12.3 | 12.6 | 12.0 | 12.4 | 14.6 | 11.1 | 9.6 | 9.6 |
| RISE | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 0- 1 | 12.0 | | 9.0 | | | | | | 10.0 | | 6.5 | 9.5 | | | | 8.0 | 7.0 | | | 4.5 | | 7.5 | 2.0 |
| 1- 2 | 1.5 | | | | | | | | 12.0 | 3.5 | | 9.0 | 4.5 | 10.5 | | 7.0 | | 4.0 | 7.0 | 6.0 | | 1.0 | 4.0 |
| 2- 3 | 5.0 | | | | | | | | | 4.5 | | 8.5 | 11.0 | 8.5 | 10.0 | 6.0 | 7.5 | 9.0 | 12.0 | 7.0 | 2.0 | 3.0 | 6.0 |
| 3- 4 | 8.5 | | | 10.5 | | 10.5 | | | | 5.5 | 6.5 | 8.0 | 2.5 | 6.0 | | 5.0 | | | | 8.5 | 6.0 | 5.0 | 8.0 |
| 4- 5 | 11.5 | 11.0 | | 9.0 | | | | | 4.5 | 6.5 | | 7.5 | 9.0 | 4.0 | 7.0 | | 8.0 | 4.5 | 7.0 | 9.5 | | 7.0 | 1.5 |
| 5- 6 | 1.5 | | | 7.5 | | | | | 6.0 | 8.0 | | 7.0 | | | | | | 9.5 | 11.5 | 11.0 | | 0.5 | 3.5 |
| 6- 7 | 4.5 | | | | | | | 9.5 | 8.0 | 9.0 | 7.0 | 6.5 | 7.0 | 10.0 | | | 8.5 | | | 12.0 | 3.5 | 2.5 | 5.5 |
| 7- 8 | 8.0 | | 10.0 | | | 10.5 | | | 9.5 | 10.0 | | 6.0 | | 8.0 | 10.5 | | | 5.0 | 7.0 | | | 4.5 | 7.5 |
| 8- 9 | 11.5 | | | | | | | | 11.5 | 11.5 | | 5.5 | 4.5 | 5.5 | | 11.0 | 9.0 | 10.0 | 11.5 | 2.0 | | 6.5 | 1.0 |
| 9-10 | 1.0 | | | | 12.0 | | | | | 12.5 | 7.5 | 4.5 | 11.0 | 3.5 | 7.5 | 10.0 | | | | 3.0 | 1.5 | 8.5 | 3.0 |
| 10-11 | 4.5 | | | | | | | 10.0 | | | | 4.0 | 2.5 | | | 9.0 | 9.5 | 5.0 | 6.5 | 4.5 | 5.5 | 2.0 | 5.0 |
| 11-12 | 8.0 | | 9.5 | 10.0 | | | | | 4.0 | | | 3.5 | 9.0 | 9.5 | | 8.0 | | 10.0 | 11.5 | 5.5 | | 4.0 | 7.0 |
| 12-13 | 11.5 | | | 8.5 | 11.0 | | | | 6.0 | 3.5 | 8.0 | 3.0 | | 7.5 | 10.5 | 7.0 | 9.5 | | | 7.0 | | 6.0 | 0.5 |
| 13-14 | 1.0 | | | 7.5 | | | | | 7.5 | 4.5 | | | 7.0 | 5.0 | | 6.0 | | 5.5 | 6.5 | 8.0 | 3.0 | 8.0 | 2.5 |
| 14-15 | 4.5 | | | | | | | 10.5 | 9.5 | 5.5 | | | | 2.5 | 7.5 | 5.0 | 10.0 | 10.5 | 11.5 | 9.5 | 7.0 | 1.5 | 4.5 |
| 15-16 | 8.0 | | | | | | | | 11.0 | 6.5 | 8.5 | | 4.5 | | | | | | | 10.5 | | 3.5 | 6.5 |
| 16-17 | 11.0 | | | | | | | | | 8.0 | | | 11.5 | 9.0 | | | 10.5 | 6.0 | 6.5 | 12.0 | 1.0 | 5.5 | 8.5 |
| 17-18 | 1.0 | | | | | | 9.5 | | | 9.0 | | | | 2.5 | 6.5 | 11.0 | | 11.0 | 11.0 | | 5.0 | 7.5 | 2.0 |
| 18-19 | 4.5 | | 10.5 | | | | | 10.5 | 3.5 | 10.0 | 8.5 | 11.5 | 9.0 | 4.5 | | | 11.0 | | | 2.0 | | 1.0 | 4.0 |
| 19-20 | 7.5 | | | 10.0 | | | | | 5.5 | 11.5 | 3.0 | 11.0 | | | 8.0 | 11.0 | | 6.0 | 6.0 | 3.0 | | 3.0 | 6.0 |
| 20-21 | 11.0 | 9.5 | | 8.5 | | | | | 7.0 | 12.5 | | 10.5 | 7.0 | 10.5 | | 10.0 | 11.5 | 11.0 | 11.0 | 4.5 | 2.5 | 5.0 | 8.0 |
| 21-22 | 1.0 | | | 7.0 | | | 10.0 | | 9.0 | | 9.0 | 10.0 | | 8.5 | | 9.0 | | | | 5.5 | 6.5 | 7.0 | 1.0 |
| 22-23 | 4.0 | | 9.5 | | 12.5 | | | | 10.5 | | 3.5 | 9.5 | 4.5 | 6.0 | 11.0 | 8.0 | 12.0 | 6.5 | 6.0 | 7.0 | | 0.5 | 3.5 |
| 23-24 | 7.5 | | | | | | | | 12.5 | 3.5 | | 9.0 | 11.5 | 4.0 | | 7.0 | | 11.5 | 11.0 | 8.0 | 0.5 | 2.5 | 5.5 |
| 24-25 | 11.0 | | | | | | | | | 4.5 | 9.5 | 8.5 | 2.5 | | 8.0 | 5.5 | 12.5 | | | 9.5 | 4.5 | 4.5 | 7.5 |
| 25-26 | 0.5 | 9.5 | | | 11.5 | | 10.5 | | | 5.5 | 3.5 | 8.0 | 9.0 | 10.0 | | | | 7.0 | 6.0 | 10.5 | | 6.5 | 0.5 |
| 26-27 | 4.0 | | | 11.0 | | | | | 5.0 | 7.0 | | 7.5 | | 8.0 | 5.5 | | 13.0 | 12.0 | 10.5 | 12.0 | | 8.5 | 2.5 |
| 27-28 | 7.5 | | | 9.5 | | | | | 7.0 | 8.0 | 10.0 | 7.0 | 7.0 | 5.5 | 11.5 | | | | | | 2.0 | 2.0 | 5.0 |
| 28-29 | 11.0 | | | 8.0 | 10.5 | 9.5 | | | 8.5 | 9.0 | 4.0 | 6.5 | | 3.5 | | | | 7.5 | 5.5 | 2.0 | 6.0 | 4.0 | 7.0 |
| 29-30 | 0.5 | | | 7.0 | | | 10.5 | | 10.5 | 10.0 | | 6.0 | 4.5 | | 8.5 | | 5.5 | 12.0 | 10.5 | 3.0 | | 6.0 | 0.0 |
| 30-31 | 4.0 | 9.5 | | | | | | | 12.0 | 11.5 | 10.5 | 5.5 | 11.5 | 9.5 | | 11.0 | | | | 4.5 | | 8.0 | 2.0 |

| | SZ | RR | RZ | AV | BH | KZ | RU | DF | RV | TU |
|-------|-----|------|------|------|------|------|------|------|------|------|
| | LYN | LYR | LYR | PEG | PEG | PUP | SCL | SER | UMA | UMA |
| MAX | 9.1 | 7.1 | 10.0 | 9.9 | 10.0 | 11.3 | 9.3 | 11.4 | 10.1 | 9.2 |
| MIN | 9.6 | 8.1 | 12.0 | 10.9 | 10.8 | 12.8 | 10.8 | 13.0 | 11.2 | 10.2 |
| RISE | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 |
| | | | | | | | | | | |
| 0- 1 | 5.0 | | 11.5 | | | | | | | 4.5 |
| 1- 2 | 7.0 | | 12.0 | 2.5 | 0.0 | | | | 10.5 | 7.0 |
| 2- 3 | 0.0 | | 0.5 | | | | | 9.0 | 9.0 | 10.0 |
| 3- 4 | 2.0 | | | 1.5 | | | | | 7.5 | 12.5 |
| 4- 5 | 4.0 | | | | | | | | 6.0 | |
| 5- 6 | 6.5 | | | 0.5 | | | | 10.5 | 4.5 | 5.0 |
| 6- 7 | 8.5 | | | | 3.0 | | | | | 7.5 |
| 7- 8 | 1.5 | 12.5 | | | | 3.0 | | | | 10.5 |
| 8- 9 | 3.5 | | | | 1.5 | | | | 11.0 | |
| 9-10 | 5.5 | | | | | 3.0 | | 9.0 | 9.5 | |
| 10-11 | 8.0 | | | 2.0 | | | | | 8.0 | 5.5 |
| 11-12 | 1.0 | 12.0 | | | | 3.5 | | | 6.5 | 8.0 |
| 12-13 | 3.0 | 1.5 | | 1.0 | | | | 10.5 | 5.0 | 11.0 |
| 13-14 | 5.0 | | | | | 4.0 | | | 3.5 | |
| 14-15 | 7.0 | | | | | | | | | |
| 15-16 | 0.5 | 11.0 | | | 2.5 | 4.5 | | | | 6.0 |
| 16-17 | 2.5 | 0.5 | | | | | | 9.0 | 10.0 | 8.5 |
| 17-18 | 4.5 | | | 2.5 | 0.5 | 5.0 | | | 8.5 | 11.5 |
| 18-19 | 6.5 | | | | | | 2.0 | | 7.0 | |
| 19-20 | 0.0 | | | 1.5 | | 5.5 | 2.0 | | 5.5 | |
| 20-21 | 2.0 | | | | | | 1.5 | | 4.0 | 6.5 |
| 21-22 | 4.0 | | 10.5 | 0.5 | | 6.0 | 1.5 | | | 9.0 |
| 22-23 | 6.0 | | 11.0 | | | | 1.0 | | | 12.0 |
| 23-24 | 8.0 | | 11.5 | | | 6.5 | 0.5 | 9.0 | 10.5 | |
| 24-25 | 1.5 | 12.5 | 0.0 | | 2.0 | | 0.5 | | 9.0 | 4.0 |
| 25-26 | 3.5 | | | | | 7.0 | 0.0 | | 7.5 | 6.5 |
| 26-27 | 5.5 | | | 2.0 | 0.0 | | | | 6.0 | 9.5 |
| 27-28 | 7.5 | | | | | 7.5 | | | 4.5 | 12.0 |
| 28-29 | 1.0 | 12.0 | | 1.0 | | | | | | |
| 29-30 | 3.0 | 1.5 | | | | 7.5 | | | | 4.5 |
| 30-31 | 5.0 | | | | | | | 9.5 | 11.0 | 7.0 |