

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
| lun 13-07-15 | 19.54       | 20.44       | 01.31       | 02.21       | V1187 Cyg - I      | lun 19.08        | 245 | 39  | lun 20.08          | 251 | 49  | lun 21.08    | 256 | 60  | 218           |
|              |             |             |             |             | V610 Cyg - II      | lun 20.03        | 244 | 35  | lun 21.03          | 251 | 46  | lun 22.03    | 257 | 57  | 189           |
|              |             |             |             |             | V473 And - II      | lun 22.03        | 238 | 29  | lun 23.03          | 244 | 38  | mar 00.03    | 250 | 49  | -12           |
|              |             |             |             |             | V691 Her - I       | lun 22.14        | 61  | 51  | lun 23.14          | 76  | 41  | mar 00.14    | 87  | 30  | 245           |
|              |             |             |             |             | V1072 Her - I      | lun 23.28        | 121 | 69  | mar 00.28          | 119 | 59  | mar 01.28    | 122 | 49  | 137           |
|              |             |             |             |             | NSVS 11955755 - II | lun 23.35        | 279 | 16  | mar 00.35          | 290 | 27  | mar 01.35    | 303 | 37  | 71            |
| mar 14-07-15 | 19.53       | 20.43       | 01.33       | 02.22       | FU Lac - II        | mar 19.17        | 233 | 26  | mar 20.17          | 239 | 35  | mar 21.17    | 245 | 45  | 145           |
|              |             |             |             |             | V691 Her - II      | mar 19.22        | 344 | 65  | mar 20.22          | 18  | 65  | mar 21.22    | 46  | 59  | 240           |
|              |             |             |             |             | V1072 Her - II     | mar 20.38        | 225 | 78  | mar 21.38          | 169 | 82  | mar 22.38    | 128 | 76  | 137           |
|              |             |             |             |             | V473 And - I       | mar 22.08        | 239 | 30  | mar 23.08          | 245 | 40  | mer 00.08    | 251 | 50  | -5            |
|              |             |             |             |             | NSVS 11955755 - II | mer 01.20        | 301 | 35  | mer 02.20          | 316 | 44  | mer 03.20    | 337 | 50  | 80            |
| mer 15-07-15 | 19.52       | 20.41       | 01.34       | 02.23       | QQ Lyr - I         | mer 20.10        | 275 | 57  | mer 21.10          | 290 | 68  | mer 22.10    | 321 | 77  | 303           |
|              |             |             |             |             | V473 And - II      | mer 22.13        | 240 | 31  | mer 23.13          | 246 | 41  | gio 00.13    | 252 | 52  | 2             |
|              |             |             |             |             | FU Lac - I         | mer 22.45        | 253 | 61  | mer 23.45          | 256 | 72  | gio 00.45    | 253 | 82  | 150           |
|              |             |             |             |             | V691 Her - II      | mer 23.33        | 81  | 36  | gio 00.33          | 92  | 25  | gio 01.33    | 101 | 14  | 234           |
|              |             |             |             |             | NSVS 11955755 - I  | mer 23.51        | 283 | 20  | gio 00.51          | 295 | 31  | gio 01.51    | 310 | 40  | 88            |
|              |             |             |             |             | V1072 Her - II     | gio 00.52        | 120 | 54  | gio 01.52          | 124 | 44  | gio 02.52    | 128 | 35  | 135           |
|              |             |             |             |             | V1187 Cyg - II     | gio 01.23        | 98  | 71  | gio 02.23          | 104 | 60  | gio 03.23    | 109 | 50  | 223           |
| gio 16-07-15 | 19.51       | 20.40       | 01.36       | 02.24       | V1187 Cyg - I      | gio 19.28        | 248 | 44  | gio 20.28          | 254 | 55  | gio 21.28    | 259 | 66  | 224           |
|              |             |             |             |             | V610 Cyg - II      | gio 19.57        | 245 | 36  | gio 20.57          | 251 | 47  | gio 21.57    | 258 | 58  | 202           |
|              |             |             |             |             | V691 Her - I       | gio 20.41        | 32  | 62  | gio 21.41          | 55  | 55  | gio 22.41    | 71  | 45  | 229           |
|              |             |             |             |             | BW Peg - II        | gio 21.17        | 276 | 39  | gio 22.17          | 288 | 50  | gio 23.17    | 306 | 60  | 319           |
|              |             |             |             |             | V1072 Her - I      | gio 22.02        | 140 | 80  | gio 23.02          | 122 | 71  | ven 00.02    | 119 | 61  | 135           |
|              |             |             |             |             | V473 And - I       | gio 22.17        | 241 | 33  | gio 23.17          | 247 | 43  | ven 00.17    | 253 | 53  | 9             |
| ven 17-07-15 | 19.50       | 20.39       | 01.37       | 02.26       | V1072 Her - II     | ven 19.12        | 240 | 67  | ven 20.12          | 231 | 76  | ven 21.12    | 186 | 82  | 134           |
|              |             |             |             |             | V473 And - II      | ven 22.22        | 242 | 34  | ven 23.22          | 248 | 44  | sab 00.22    | 254 | 55  | 16            |
|              |             |             |             |             | NSVS 11955755 - II | sab 00.08        | 288 | 25  | sab 01.08          | 301 | 35  | sab 02.08    | 317 | 44  | 105           |
| sab 18-07-15 | 19.49       | 20.38       | 01.38       | 02.27       | V691 Her - II      | sab 22.00        | 63  | 50  | sab 23.00          | 77  | 40  | dom 00.00    | 88  | 29  | 218           |
|              |             |             |             |             | V473 And - I       | sab 22.27        | 243 | 36  | sab 23.27          | 249 | 46  | dom 00.27    | 254 | 56  | 23            |
|              |             |             |             |             | NSVS 11955755 - I  | sab 22.40        | 273 | 9   | sab 23.40          | 283 | 20  | dom 00.40    | 295 | 31  | 113           |
|              |             |             |             |             | V1072 Her - II     | sab 23.26        | 120 | 66  | dom 00.26          | 120 | 56  | dom 01.26    | 123 | 47  | 132           |
| dom 19-07-15 | 19.48       | 20.36       | 01.40       | 02.28       | V691 Her - I       | dom 19.09        | 348 | 65  | dom 20.09          | 21  | 64  | dom 21.09    | 48  | 58  | 213           |
|              |             |             |             |             | V1187 Cyg - I      | dom 19.48        | 251 | 50  | dom 20.48          | 256 | 61  | dom 21.48    | 262 | 72  | 231           |
|              |             |             |             |             | V610 Cyg - II      | dom 19.51        | 246 | 37  | dom 20.51          | 252 | 48  | dom 21.51    | 258 | 59  | 213           |
|              |             |             |             |             | V1072 Her - I      | dom 20.36        | 215 | 80  | dom 21.36          | 151 | 81  | dom 22.36    | 124 | 73  | 131           |
|              |             |             |             |             | V473 And - II      | dom 22.32        | 244 | 37  | dom 23.32          | 250 | 47  | lun 00.32    | 255 | 58  | 29            |
|              |             |             |             |             | QQ Lyr - II        | lun 00.14        | 72  | 67  | lun 01.14          | 86  | 56  | lun 02.14    | 96  | 45  | 304           |
|              |             |             |             |             | NSVS 11955755 - I  | lun 00.25        | 293 | 29  | lun 01.25          | 307 | 39  | lun 02.25    | 324 | 47  | 121           |
|              |             |             |             |             | BW Peg - II        | lun 01.18        | 20  | 68  | lun 02.18          | 50  | 62  | lun 03.18    | 69  | 52  | 333           |
| lun 20-07-15 | 19.47       | 20.35       | 01.41       | 02.29       | BW Peg - I         | lun 20.19        | 268 | 31  | lun 21.19          | 279 | 43  | lun 22.19    | 293 | 53  | 336           |
|              |             |             |             |             | V473 And - I       | lun 22.36        | 244 | 38  | lun 23.36          | 250 | 49  | mar 00.36    | 256 | 60  | 36            |
|              |             |             |             |             | NSVS 11955755 - II | lun 22.56        | 277 | 14  | lun 23.56          | 288 | 25  | mar 00.56    | 301 | 35  | 129           |
|              |             |             |             |             | V691 Her - I       | lun 23.20        | 82  | 35  | mar 00.20          | 93  | 24  | mar 01.20    | 102 | 13  | 206           |
|              |             |             |             |             | V1072 Her - I      | mar 00.49        | 121 | 51  | mar 01.49          | 125 | 42  | mar 02.49    | 130 | 33  | 130           |
| mar 21-07-15 | 19.46       | 20.34       | 01.43       | 02.30       | V691 Her - II      | mar 20.28        | 35  | 62  | mar 21.28          | 57  | 54  | mar 22.28    | 73  | 44  | 201           |
|              |             |             |             |             | V1072 Her - II     | mar 21.59        | 132 | 77  | mar 22.59          | 121 | 68  | mar 23.59    | 119 | 58  | 129           |
|              |             |             |             |             | V473 And - II      | mar 22.41        | 245 | 40  | mar 23.41          | 251 | 50  | mer 00.41    | 257 | 61  | 43            |
|              |             |             |             |             | NSVS 11955755 - II | mer 00.41        | 298 | 33  | mer 01.41          | 313 | 42  | mer 02.41    | 333 | 49  | 138           |
| mer 22-07-15 | 19.45       | 20.32       | 01.45       | 02.31       | V1072 Her - I      | mer 19.09        | 239 | 70  | mer 20.09          | 224 | 79  | mer 21.09    | 166 | 82  | 128           |
|              |             |             |             |             | FU Lac - I         | mer 19.34        | 238 | 33  | mer 20.34          | 244 | 43  | mer 21.34    | 249 | 53  | 181           |
|              |             |             |             |             | V610 Cyg - II      | mer 19.45        | 246 | 39  | mer 20.45          | 253 | 49  | mer 21.45    | 259 | 60  | 225           |
|              |             |             |             |             | QQ Lyr - I         | mer 19.51        | 277 | 59  | mer 20.51          | 293 | 70  | mer 21.51    | 329 | 78  | 304           |
|              |             |             |             |             | V1187 Cyg - I      | mer 20.08        | 254 | 56  | mer 21.08          | 259 | 67  | mer 22.08    | 265 | 78  | 236           |
|              |             |             |             |             | V473 And - I       | mer 22.46        | 246 | 41  | mer 23.46          | 252 | 52  | gio 00.46    | 258 | 63  | 50            |
|              |             |             |             |             | NSVS 11955755 - I  | mer 23.13        | 281 | 18  | gio 00.13          | 293 | 29  | gio 01.13    | 307 | 39  | 145           |
| gio 23-07-15 | 19.44       | 20.31       | 01.46       | 02.33       | V691 Her - I       | gio 21.47        | 65  | 49  | gio 22.47          | 78  | 39  | gio 23.47    | 89  | 28  | 189           |
|              |             |             |             |             | V473 And - II      | gio 22.50        | 247 | 43  | gio 23.50          | 253 | 53  | ven 00.50    | 258 | 64  | 57            |
|              |             |             |             |             | FU Lac - II        | gio 23.02        | 255 | 69  | ven 00.02          | 255 | 80  | ven 01.02    | 143 | 88  | 186           |
|              |             |             |             |             | V1072 Her - I      | gio 23.23        | 119 | 63  | ven 00.23          | 120 | 53  | ven 01.23    | 124 | 44  | 126           |
|              |             |             |             |             | BW Peg - I         | ven 00.21        | 353 | 69  | ven 01.21          | 30  | 67  | ven 02.21    | 57  | 59  | 349           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 00.58        | 304 | 37  | ven 01.58          | 321 | 45  | ven 02.58    | 342 | 51  | 154           |
| ven 24-07-15 | 19.43       | 20.29       | 01.48       | 02.34       | V691 Her - II      | ven 18.56        | 351 | 65  | ven 19.56          | 25  | 64  | ven 20.56    | 50  | 57  | 184           |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | BW Peg - II        | ven 19.21        | 262 | 24  | ven 20.21          | 271 | 35  | ven 21.21    | 283 | 46  | 352           |
|              |             |             |             |             | V1072 Her - II     | ven 20.33        | 199 | 82  | ven 21.33          | 139 | 79  | ven 22.33    | 122 | 71  | 125           |
|              |             |             |             |             | V473 And - I       | ven 22.55        | 248 | 44  | ven 23.55          | 254 | 55  | sab 00.55    | 259 | 66  | 63            |
|              |             |             |             |             | NSVS 11955755 - II | ven 23.30        | 286 | 23  | sab 00.30          | 298 | 33  | sab 01.30    | 313 | 42  | 162           |
| sab 25-07-15 | 19.42       | 20.28       | 01.49       | 02.35       | V610 Cyg - II      | sab 19.39        | 247 | 40  | sab 20.39          | 253 | 50  | sab 21.39    | 259 | 61  | 235           |
|              |             |             |             |             | V1187 Cyg - I      | sab 20.28        | 257 | 61  | sab 21.28          | 262 | 72  | sab 22.28    | 267 | 84  | 242           |
|              |             |             |             |             | V473 And - II      | sab 23.00        | 249 | 46  | dom 00.00          | 255 | 56  | dom 01.00    | 260 | 67  | 70            |
|              |             |             |             |             | V691 Her - II      | sab 23.07        | 83  | 34  | dom 00.07          | 94  | 23  | dom 01.07    | 103 | 11  | 177           |
|              |             |             |             |             | V1072 Her - II     | dom 00.47        | 122 | 48  | dom 01.47          | 126 | 39  | dom 02.47    | 131 | 30  | 124           |
|              |             |             |             |             | NSVS 11955755 - II | dom 01.15        | 310 | 41  | dom 02.15          | 329 | 48  | dom 03.15    | 351 | 52  | 170           |
| dom 26-07-15 | 19.40       | 20.26       | 01.51       | 02.36       | V691 Her - I       | dom 20.15        | 37  | 61  | dom 21.15          | 59  | 53  | dom 22.15    | 74  | 42  | 172           |
|              |             |             |             |             | V1072 Her - I      | dom 21.57        | 127 | 75  | dom 22.57          | 120 | 65  | dom 23.57    | 120 | 56  | 122           |
|              |             |             |             |             | V473 And - I       | dom 23.04        | 250 | 47  | lun 00.04          | 255 | 58  | lun 01.04    | 261 | 69  | 77            |
|              |             |             |             |             | NSVS 11955755 - I  | dom 23.46        | 291 | 27  | lun 00.46          | 304 | 37  | lun 01.46    | 321 | 45  | 178           |
|              |             |             |             |             | QQ Lyr - II        | dom 23.55        | 74  | 66  | lun 00.55          | 87  | 55  | lun 01.55    | 97  | 43  | 303           |
| lun 27-07-15 | 19.39       | 20.24       | 01.52       | 02.38       | V1072 Her - II     | lun 19.07        | 237 | 72  | lun 20.07          | 213 | 81  | lun 21.07    | 149 | 81  | 121           |
|              |             |             |             |             | NSVS 11955755 - II | lun 22.18        | 275 | 12  | lun 23.18          | 286 | 23  | mar 00.18    | 298 | 33  | 185           |
|              |             |             |             |             | V473 And - II      | lun 23.09        | 250 | 49  | mar 00.09          | 256 | 60  | mar 01.09    | 262 | 71  | 83            |
|              |             |             |             |             | BW Peg - II        | lun 23.23        | 327 | 67  | mar 00.23          | 4   | 69  | mar 01.23    | 39  | 65  | 364           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 01.31        | 317 | 44  | mar 02.31          | 338 | 50  | mar 03.31    | 1   | 52  | 186           |
|              |             |             |             |             | V610 Cyg - II      | mar 01.35        | 93  | 73  | mar 02.35          | 100 | 62  | mar 03.35    | 106 | 51  | 243           |
|              |             |             |             |             | QQ Lyr - I         | mar 01.37        | 95  | 46  | mar 02.37          | 104 | 35  | mar 03.37    | 112 | 24  | 303           |
| mar 28-07-15 | 19.38       | 20.23       | 01.54       | 02.39       | V610 Cyg - II      | mar 19.34        | 248 | 41  | mar 20.34          | 254 | 51  | mar 21.34    | 260 | 62  | 246           |
|              |             |             |             |             | V1187 Cyg - I      | mar 20.48        | 260 | 67  | mar 21.48          | 265 | 78  | mar 22.48    | 274 | 90  | 246           |
|              |             |             |             |             | V691 Her - II      | mar 21.34        | 66  | 48  | mar 22.34          | 80  | 37  | mar 23.34    | 90  | 26  | 160           |
|              |             |             |             |             | V473 And - I       | mar 23.14        | 251 | 50  | mer 00.14          | 257 | 61  | mer 01.14    | 262 | 72  | 90            |
|              |             |             |             |             | V1072 Her - II     | mar 23.20        | 119 | 60  | mer 00.20          | 121 | 51  | mer 01.20    | 125 | 41  | 119           |
|              |             |             |             |             | NSVS 11955755 - II | mer 00.03        | 296 | 31  | mer 01.03          | 310 | 41  | mer 02.03    | 329 | 48  | 193           |
| mer 29-07-15 | 19.36       | 20.21       | 01.56       | 02.40       | V691 Her - I       | mer 18.42        | 355 | 65  | mer 19.42          | 28  | 63  | mer 20.42    | 53  | 56  | 154           |
|              |             |             |             |             | QQ Lyr - I         | mer 19.33        | 279 | 61  | mer 20.33          | 297 | 71  | mer 21.33    | 338 | 79  | 302           |
|              |             |             |             |             | V1072 Her - I      | mer 20.30        | 179 | 82  | mer 21.30          | 131 | 77  | mer 22.30    | 120 | 68  | 118           |
|              |             |             |             |             | AK Ser - I         | mer 21.23        | 21  | 32  | mer 22.23          | 37  | 26  | mer 23.23    | 50  | 19  | 374           |
|              |             |             |             |             | NSVS 11955755 - I  | mer 22.35        | 280 | 16  | mer 23.35          | 291 | 27  | gio 00.35    | 304 | 37  | 201           |
|              |             |             |             |             | V473 And - II      | mer 23.18        | 252 | 52  | gio 00.18          | 258 | 63  | gio 01.18    | 263 | 74  | 97            |
| gio 30-07-15 | 19.35       | 20.19       | 01.57       | 02.41       | FU Lac - II        | gio 19.51        | 243 | 41  | gio 20.51          | 248 | 51  | gio 21.51    | 253 | 62  | 214           |
|              |             |             |             |             | AK Ser - II        | gio 20.27        | 6   | 34  | gio 21.27          | 23  | 31  | gio 22.27    | 39  | 25  | 368           |
|              |             |             |             |             | V691 Her - I       | gio 22.53        | 85  | 32  | gio 23.53          | 95  | 21  | ven 00.53    | 104 | 10  | 147           |
|              |             |             |             |             | V473 And - I       | gio 23.23        | 253 | 53  | ven 00.23          | 258 | 64  | ven 01.23    | 264 | 75  | 103           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 00.20        | 301 | 35  | ven 01.20          | 317 | 44  | ven 02.20    | 338 | 50  | 209           |
|              |             |             |             |             | V1072 Her - I      | ven 00.44        | 123 | 46  | ven 01.44          | 127 | 37  | ven 02.44    | 133 | 28  | 116           |
|              |             |             |             |             | V610 Cyg - II      | ven 01.29        | 93  | 72  | ven 02.29          | 100 | 61  | ven 03.29    | 107 | 50  | 253           |
| ven 31-07-15 | 19.34       | 20.18       | 01.59       | 02.43       | V610 Cyg - II      | ven 19.28        | 248 | 42  | ven 20.28          | 254 | 52  | ven 21.28    | 261 | 63  | 255           |
|              |             |             |             |             | AK Ser - I         | ven 19.32        | 351 | 34  | ven 20.32          | 9   | 34  | ven 21.32    | 25  | 30  | 363           |
|              |             |             |             |             | V691 Her - II      | ven 20.02        | 40  | 60  | ven 21.02          | 61  | 52  | ven 22.02    | 75  | 41  | 142           |
|              |             |             |             |             | V1187 Cyg - I      | ven 21.09        | 262 | 73  | ven 22.09          | 268 | 84  | ven 23.09    | 92  | 85  | 250           |
|              |             |             |             |             | V1072 Her - II     | ven 21.54        | 123 | 72  | ven 22.54          | 119 | 63  | ven 23.54    | 121 | 53  | 115           |
|              |             |             |             |             | BW Peg - I         | ven 22.25        | 308 | 61  | ven 23.25          | 337 | 68  | sab 00.25    | 16  | 69  | 377           |
|              |             |             |             |             | NSVS 11955755 - II | ven 22.52        | 284 | 21  | ven 23.52          | 296 | 31  | sab 00.52    | 310 | 41  | 216           |
|              |             |             |             |             | FU Lac - I         | ven 23.19        | 256 | 78  | sab 00.19          | 200 | 88  | sab 01.19    | 105 | 80  | 219           |
|              |             |             |             |             | V473 And - II      | ven 23.28        | 254 | 55  | sab 00.28          | 259 | 66  | sab 01.28    | 265 | 77  | 110           |
| sab 01-08-15 | 19.32       | 20.16       | 02.00       | 02.44       | AK Ser - II        | sab 18.36        | 336 | 31  | sab 19.36          | 353 | 34  | sab 20.36    | 11  | 33  | 357           |
|              |             |             |             |             | V1072 Her - I      | sab 19.04        | 233 | 75  | sab 20.04          | 197 | 82  | sab 21.04    | 137 | 79  | 114           |
|              |             |             |             |             | V473 And - I       | sab 23.32        | 255 | 57  | dom 00.32          | 260 | 67  | dom 01.32    | 266 | 79  | 117           |
|              |             |             |             |             | VV Eri - II        | dom 00.07        | 267 | 12  | dom 01.07          | 277 | 23  | dom 02.07    | 288 | 34  | -97           |
|              |             |             |             |             | NSVS 11955755 - II | dom 00.36        | 307 | 39  | dom 01.36          | 325 | 47  | dom 02.36    | 347 | 51  | 224           |
|              |             |             |             |             | V423 Tau - II      | dom 01.43        | 247 | 11  | dom 02.43          | 257 | 22  | dom 03.43    | 266 | 33  | -381          |
| dom 02-08-15 | 19.31       | 20.14       | 02.02       | 02.45       | V473 And - I       | dom 18.48        | 223 | 12  | dom 19.48          | 231 | 20  | dom 20.48    | 238 | 29  | 122           |
|              |             |             |             |             | V691 Her - I       | dom 21.21        | 68  | 47  | dom 22.21          | 81  | 36  | dom 23.21    | 91  | 25  | 129           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 23.08        | 289 | 25  | lun 00.08          | 301 | 35  | lun 01.08    | 317 | 44  | 231           |
|              |             |             |             |             | V1072 Her - I      | dom 23.18        | 120 | 58  | lun 00.18          | 122 | 48  | lun 01.18    | 126 | 39  | 112           |
|              |             |             |             |             | QQ Lyr - II        | dom 23.36        | 77  | 64  | lun 00.36          | 89  | 53  | lun 01.36    | 98  | 42  | 298           |
|              |             |             |             |             | V473 And - II      | dom 23.37        | 255 | 58  | lun 00.37          | 261 | 69  | lun 01.37    | 266 | 80  | 123           |
|              |             |             |             |             | V610 Cyg - II      | lun 01.24        | 94  | 71  | lun 02.24          | 101 | 60  | lun 03.24    | 107 | 49  | 262           |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
| lun 03-08-15 | 19.29       | 20.12       | 02.04       | 02.47       | V473 And - II      | lun 18.53        | 224 | 13  | lun 19.53          | 232 | 21  | lun 20.53    | 239 | 31  | 128           |
|              |             |             |             |             | V610 Cyg - II      | lun 19.22        | 249 | 43  | lun 20.22          | 255 | 53  | lun 21.22    | 261 | 64  | 264           |
|              |             |             |             |             | V1072 Her - II     | lun 20.28        | 160 | 82  | lun 21.28          | 126 | 75  | lun 22.28    | 120 | 65  | 110           |
|              |             |             |             |             | V1187 Cyg - I      | lun 21.29        | 265 | 79  | lun 22.29          | 81  | 90  | lun 23.29    | 95  | 79  | 253           |
|              |             |             |             |             | NSVS 11955755 - II | lun 21.40        | 273 | 10  | lun 22.40          | 284 | 21  | lun 23.40    | 296 | 31  | 238           |
|              |             |             |             |             | V473 And - I       | lun 23.42        | 256 | 60  | mar 00.42          | 262 | 71  | mar 01.42    | 267 | 82  | 130           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 00.53        | 314 | 43  | mar 01.53          | 334 | 49  | mar 02.53    | 357 | 52  | 239           |
| mar 04-08-15 | 19.28       | 20.11       | 02.05       | 02.48       | QQ Lyr - I         | mar 01.19        | 96  | 44  | mar 02.19          | 105 | 33  | mar 03.19    | 113 | 23  | 297           |
|              |             |             |             |             | V473 And - I       | mar 18.57        | 226 | 14  | mar 19.57          | 233 | 23  | mar 20.57    | 240 | 32  | 135           |
|              |             |             |             |             | BW Peg - II        | mar 21.27        | 295 | 55  | mar 22.27          | 315 | 64  | mar 23.27    | 348 | 69  | 389           |
|              |             |             |             |             | V691 Her - II      | mar 22.40        | 86  | 31  | mar 23.40          | 96  | 20  | mer 00.40    | 105 | 9   | 116           |
|              |             |             |             |             | NSVS 11955755 - II | mar 23.25        | 294 | 30  | mer 00.25          | 308 | 39  | mer 01.25    | 325 | 47  | 246           |
|              |             |             |             |             | V473 And - II      | mar 23.46        | 257 | 61  | mer 00.46          | 262 | 72  | mer 01.46    | 268 | 83  | 136           |
|              |             |             |             |             | V1072 Her - II     | mer 00.41        | 124 | 43  | mer 01.41          | 129 | 34  | mer 02.41    | 135 | 26  | 108           |
| mer 05-08-15 | 19.26       | 20.09       | 02.07       | 02.49       | V473 And - II      | mer 19.02        | 227 | 15  | mer 20.02          | 234 | 24  | mer 21.02    | 241 | 33  | 141           |
|              |             |             |             |             | QQ Lyr - I         | mer 19.14        | 281 | 62  | mer 20.14          | 301 | 73  | mer 21.14    | 348 | 80  | 295           |
|              |             |             |             |             | V691 Her - I       | mer 19.49        | 43  | 59  | mer 20.49          | 63  | 51  | mer 21.49    | 77  | 40  | 110           |
|              |             |             |             |             | V1072 Her - I      | mer 21.51        | 121 | 70  | mer 22.51          | 119 | 60  | mer 23.51    | 121 | 50  | 107           |
|              |             |             |             |             | NSVS 11955755 - I  | mer 21.57        | 278 | 14  | mer 22.57          | 289 | 25  | mer 23.57    | 302 | 35  | 253           |
|              |             |             |             |             | V473 And - I       | mer 23.51        | 258 | 63  | gio 00.51          | 263 | 74  | gio 01.51    | 269 | 85  | 142           |
|              |             |             |             |             | NSVS 11955755 - II | gio 01.10        | 322 | 46  | gio 02.10          | 343 | 51  | gio 03.10    | 7   | 52  | 254           |
| gio 06-08-15 | 19.25       | 20.07       | 02.09       | 02.51       | V610 Cyg - II      | gio 01.18        | 95  | 70  | gio 02.18          | 102 | 59  | gio 03.18    | 108 | 48  | 270           |
|              |             |             |             |             | V1072 Her - II     | gio 19.02        | 228 | 78  | gio 20.02          | 176 | 82  | gio 21.02    | 130 | 77  | 105           |
|              |             |             |             |             | V473 And - I       | gio 19.07        | 228 | 16  | gio 20.07          | 235 | 25  | gio 21.07    | 242 | 35  | 148           |
|              |             |             |             |             | V610 Cyg - II      | gio 19.16        | 249 | 44  | gio 20.16          | 256 | 54  | gio 21.16    | 262 | 65  | 272           |
|              |             |             |             |             | V1187 Cyg - I      | gio 21.49        | 268 | 85  | gio 22.49          | 92  | 84  | gio 23.49    | 98  | 73  | 256           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 23.42        | 299 | 34  | ven 00.42          | 314 | 43  | ven 01.42    | 334 | 49  | 261           |
|              |             |             |             |             | V473 And - II      | gio 23.56        | 258 | 64  | ven 00.56          | 264 | 75  | ven 01.56    | 271 | 87  | 149           |
| ven 07-08-15 | 19.23       | 20.05       | 02.10       | 02.52       | V473 And - II      | ven 19.11        | 229 | 18  | ven 20.11          | 236 | 27  | ven 21.11    | 243 | 36  | 154           |
|              |             |             |             |             | FU Lac - I         | ven 20.08        | 247 | 49  | ven 21.08          | 252 | 60  | ven 22.08    | 255 | 70  | 243           |
|              |             |             |             |             | V691 Her - II      | ven 21.08        | 70  | 46  | ven 22.08          | 82  | 35  | ven 23.08    | 92  | 24  | 97            |
|              |             |             |             |             | NSVS 11955755 - II | ven 22.13        | 282 | 19  | ven 23.13          | 294 | 30  | sab 00.13    | 308 | 39  | 268           |
|              |             |             |             |             | V1072 Her - II     | ven 23.15        | 120 | 55  | sab 00.15          | 123 | 45  | sab 01.15    | 128 | 36  | 103           |
|              |             |             |             |             | V473 And - I       | sab 00.00        | 259 | 66  | sab 01.00          | 265 | 77  | sab 02.00    | 273 | 88  | 155           |
|              |             |             |             |             | NSVS 11955755 - I  | sab 01.26        | 330 | 48  | sab 02.26          | 353 | 52  | sab 03.26    | 17  | 51  | 269           |
| sab 08-08-15 | 19.22       | 20.03       | 02.12       | 02.53       | BW Peg - II        | sab 01.29        | 59  | 58  | sab 02.29          | 75  | 48  | sab 03.29    | 87  | 37  | 397           |
|              |             |             |             |             | V473 And - I       | sab 19.16        | 230 | 19  | sab 20.16          | 237 | 28  | sab 21.16    | 244 | 38  | 160           |
|              |             |             |             |             | V1072 Her - I      | sab 20.25        | 145 | 80  | sab 21.25          | 123 | 72  | sab 22.25    | 119 | 62  | 102           |
|              |             |             |             |             | BW Peg - I         | sab 20.29        | 284 | 47  | sab 21.29          | 300 | 58  | sab 22.29    | 324 | 66  | 399           |
|              |             |             |             |             | FU Lac - II        | sab 23.36        | 235 | 87  | dom 00.36          | 107 | 82  | dom 01.36    | 104 | 71  | 247           |
|              |             |             |             |             | NSVS 11955755 - II | sab 23.58        | 305 | 38  | dom 00.58          | 322 | 46  | dom 01.58    | 343 | 51  | 275           |
|              |             |             |             |             | V473 And - II      | dom 00.05        | 260 | 67  | dom 01.05          | 266 | 79  | dom 02.05    | 297 | 90  | 161           |
| dom 09-08-15 | 19.20       | 20.01       | 02.13       | 02.54       | VV Eri - I         | dom 00.20        | 274 | 19  | dom 01.20          | 285 | 30  | dom 02.20    | 298 | 41  | -39           |
|              |             |             |             |             | DT Cam - I         | dom 00.30        | 219 | 30  | dom 01.30          | 223 | 37  | dom 02.30    | 227 | 45  | -250          |
|              |             |             |             |             | V610 Cyg - II      | dom 01.12        | 96  | 69  | dom 02.12          | 102 | 58  | dom 03.12    | 108 | 47  | 278           |
|              |             |             |             |             | V610 Cyg - II      | dom 19.11        | 250 | 45  | dom 20.11          | 256 | 55  | dom 21.11    | 263 | 66  | 280           |
|              |             |             |             |             | V473 And - II      | dom 19.21        | 231 | 20  | dom 20.21          | 238 | 29  | dom 21.21    | 245 | 39  | 166           |
|              |             |             |             |             | V1187 Cyg - I      | dom 22.09        | 88  | 89  | dom 23.09          | 95  | 78  | lun 00.09    | 101 | 67  | 258           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 22.30        | 287 | 23  | dom 23.30          | 299 | 34  | lun 00.30    | 314 | 43  | 282           |
| lun 10-08-15 | 19.19       | 20.00       | 02.15       | 02.56       | QQ Lyr - II        | dom 23.17        | 79  | 62  | lun 00.17          | 90  | 51  | lun 01.17    | 100 | 40  | 289           |
|              |             |             |             |             | V473 And - I       | lun 00.10        | 261 | 69  | lun 01.10          | 266 | 80  | lun 02.10    | 85  | 89  | 168           |
|              |             |             |             |             | V1072 Her - I      | lun 00.39        | 125 | 40  | lun 01.39          | 130 | 32  | lun 02.39    | 137 | 24  | 99            |
|              |             |             |             |             | NSVS 11955755 - II | lun 01.43        | 339 | 50  | lun 02.43          | 3   | 52  | lun 03.43    | 26  | 49  | 283           |
|              |             |             |             |             | V473 And - I       | lun 19.26        | 232 | 21  | lun 20.26          | 239 | 31  | lun 21.26    | 246 | 41  | 173           |
|              |             |             |             |             | V691 Her - II      | lun 19.35        | 45  | 59  | lun 20.35          | 64  | 49  | lun 21.35    | 78  | 39  | 78            |
|              |             |             |             |             | V1072 Her - II     | lun 21.49        | 120 | 67  | lun 22.49          | 120 | 57  | lun 23.49    | 122 | 48  | 98            |
| mar 11-08-15 | 19.17       | 19.58       | 02.17       | 02.57       | V473 And - II      | mar 00.14        | 262 | 71  | mar 01.14          | 267 | 82  | mar 02.14    | 89  | 87  | 174           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 00.15        | 311 | 41  | mar 01.15          | 330 | 48  | mar 02.15    | 353 | 52  | 289           |
|              |             |             |             |             | QQ Lyr - I         | mar 01.00        | 98  | 43  | mar 02.00          | 106 | 32  | mar 03.00    | 114 | 21  | 287           |
|              |             |             |             |             | V1072 Her - I      | mar 18.59        | 219 | 80  | mar 19.59          | 157 | 82  | mar 20.59    | 125 | 74  | 96            |
|              |             |             |             |             | V473 And - II      | mar 19.30        | 233 | 23  | mar 20.30          | 240 | 32  | mar 21.30    | 247 | 42  | 179           |
|              |             |             |             |             | NSVS 11955755 - II | mar 22.47        | 291 | 28  | mar 23.47          | 305 | 38  | mer 00.47    | 322 | 46  | 296           |
|              |             |             |             |             | V473 And - I       | mer 00.19        | 262 | 72  | mer 01.19          | 268 | 83  | mer 02.19    | 90  | 85  | 180           |
| mar 11-08-15 | 19.17       | 19.58       | 02.17       | 02.57       | BW Peg - I         | mer 00.31        | 43  | 64  | mer 01.31          | 64  | 55  | mer 02.31    | 79  | 45  | 405           |
|              |             |             |             |             | V610 Cyg - II      | mer 01.06        | 96  | 68  | mer 02.06          | 103 | 57  | mer 03.06    | 109 | 46  | 285           |

|                    | Sun       | Sun   | Sun   | Sun       |                    | 1h before |           |     | Time of   |      |     |              |     |     |      | Helio |
|--------------------|-----------|-------|-------|-----------|--------------------|-----------|-----------|-----|-----------|------|-----|--------------|-----|-----|------|-------|
| Day                | -12°      | -18°  | -18°  | -12°      | Star Name          | Min       | Azi       | Alt | minimum   | Azi  | Alt | 1h after Min | Azi | Alt | Corr |       |
| mer 12-08-15       | 19.15     | 19.56 | 02.18 | 02.58     | QQ Lyr - I         | mer 18.56 | 283       | 64  | mer 19.56 | 305  | 74  | mer 20.56    | 359 | 80  | 284  |       |
|                    |           |       |       |           | V610 Cyg - II      | mer 19.05 | 251       | 46  | mer 20.05 | 257  | 57  | mer 21.05    | 263 | 68  | 287  |       |
|                    |           |       |       |           | BW Peg - II        | mer 19.31 | 276       | 39  | mer 20.31 | 288  | 50  | mer 21.31    | 306 | 60  | 407  |       |
|                    |           |       |       |           | V473 And - I       | mer 19.35 | 234       | 24  | mer 20.35 | 241  | 33  | mer 21.35    | 247 | 43  | 185  |       |
|                    |           |       |       |           | V691 Her - I       | mer 20.55 | 71        | 45  | mer 21.55 | 83   | 34  | mer 22.55    | 93  | 23  | 64   |       |
|                    |           |       |       |           | NSVS 11955755 - I  | mer 21.18 | 276       | 12  | mer 22.18 | 287  | 23  | mer 23.18    | 299 | 34  | 302  |       |
|                    |           |       |       |           | V1187 Cyg - I      | mer 22.29 | 93        | 83  | mer 23.29 | 98   | 72  | gio 00.29    | 103 | 61  | 259  |       |
|                    |           |       |       |           | V1072 Her - I      | mer 23.12 | 121       | 52  | gio 00.12 | 124  | 43  | gio 01.12    | 129 | 34  | 94   |       |
|                    |           |       |       |           | V473 And - II      | gio 00.24 | 263       | 74  | gio 01.24 | 269  | 85  | gio 02.24    | 91  | 84  | 186  |       |
| NSVS 11955755 - II | gio 00.32 | 318   | 44    | gio 01.32 | 339                | 50        | gio 02.32 | 3   | 52        | 303  |     |              |     |     |      |       |
| gio 13-08-15       | 19.14     | 19.54 | 02.20 | 03.00     | V473 And - II      | gio 19.40 | 235       | 25  | gio 20.40 | 242  | 35  | gio 21.40    | 248 | 45  | 191  |       |
|                    |           |       |       |           | V1072 Her - II     | gio 20.23 | 135       | 78  | gio 21.23 | 121  | 69  | gio 22.23    | 119 | 60  | 92   |       |
|                    |           |       |       |           | NSVS 11955755 - I  | gio 23.03 | 297       | 32  | ven 00.03 | 311  | 41  | ven 01.03    | 330 | 48  | 309  |       |
|                    |           |       |       |           | V473 And - I       | ven 00.29 | 264       | 75  | ven 01.29 | 271  | 87  | ven 02.29    | 92  | 82  | 192  |       |
| ven 14-08-15       | 19.12     | 19.52 | 02.21 | 03.01     | V473 And - I       | ven 19.44 | 236       | 27  | ven 20.44 | 243  | 36  | ven 21.44    | 249 | 46  | 197  |       |
|                    |           |       |       |           | NSVS 11955755 - II | ven 21.35 | 280       | 17  | ven 22.35 | 291  | 28  | ven 23.35    | 305 | 38  | 315  |       |
|                    |           |       |       |           | V473 And - II      | sab 00.33 | 265       | 77  | sab 01.33 | 274  | 88  | sab 02.33    | 93  | 81  | 198  |       |
|                    |           |       |       |           | V1072 Her - II     | sab 00.36 | 127       | 38  | sab 01.36 | 132  | 29  | sab 02.36    | 138 | 21  | 90   |       |
|                    |           |       |       |           | NSVS 11955755 - I  | sab 00.48 | 326       | 47  | sab 01.48 | 348  | 52  | sab 02.48    | 12  | 51  | 316  |       |
|                    |           |       |       |           | V610 Cyg - II      | sab 01.01 | 97        | 67  | sab 02.01 | 104  | 56  | sab 03.01    | 110 | 45  | 291  |       |
| sab 15-08-15       | 19.10     | 19.50 | 02.23 | 03.02     | V610 Cyg - II      | sab 18.59 | 251       | 47  | sab 19.59 | 258  | 58  | sab 20.59    | 264 | 69  | 293  |       |
|                    |           |       |       |           | V691 Her - I       | sab 19.22 | 48        | 58  | sab 20.22 | 66   | 48  | sab 21.22    | 79  | 38  | 45   |       |
|                    |           |       |       |           | V473 And - II      | sab 19.49 | 237       | 28  | sab 20.49 | 244  | 38  | sab 21.49    | 250 | 48  | 203  |       |
|                    |           |       |       |           | FU Lac - II        | sab 20.25 | 251       | 58  | sab 21.25 | 255  | 68  | sab 22.25    | 255 | 79  | 268  |       |
|                    |           |       |       |           | V1072 Her - I      | sab 21.46 | 119       | 64  | sab 22.46 | 120  | 54  | sab 23.46    | 123 | 45  | 88   |       |
|                    |           |       |       |           | V1187 Cyg - I      | sab 22.49 | 96        | 77  | sab 23.49 | 101  | 66  | dom 00.49    | 106 | 55  | 259  |       |
|                    |           |       |       |           | NSVS 11955755 - II | sab 23.20 | 302       | 36  | dom 00.20 | 318  | 44  | dom 01.20    | 339 | 50  | 322  |       |
|                    |           |       |       |           | BW Peg - II        | sab 23.33 | 20        | 68  | dom 00.33 | 50   | 62  | dom 01.33    | 69  | 52  | 412  |       |
|                    |           |       |       |           | VV Eri - II        | dom 00.33 | 281       | 27  | dom 01.33 | 293  | 38  | dom 02.33    | 308 | 47  | 20   |       |
|                    |           |       |       |           | V473 And - I       | dom 00.38 | 266       | 79  | dom 01.38 | 303  | 90  | dom 02.38    | 94  | 79  | 204  |       |
| V423 Tau - I       | dom 01.16 | 252   | 16    | dom 02.16 | 261                | 27        | dom 03.16 | 270 | 38        | -293 |     |              |     |     |      |       |
| dom 16-08-15       | 19.09     | 19.48 | 02.24 | 03.04     | BW Peg - I         | dom 18.34 | 269       | 32  | dom 19.34 | 279  | 43  | dom 20.34    | 293 | 53  | 413  |       |
|                    |           |       |       |           | V1072 Her - II     | dom 18.56 | 206       | 81  | dom 19.56 | 143  | 80  | dom 20.56    | 123 | 72  | 86   |       |
|                    |           |       |       |           | V473 And - I       | dom 19.54 | 238       | 29  | dom 20.54 | 245  | 39  | dom 21.54    | 251 | 49  | 209  |       |
|                    |           |       |       |           | NSVS 11955755 - I  | dom 21.52 | 285       | 21  | dom 22.52 | 297  | 32  | dom 23.52    | 311 | 41  | 328  |       |
|                    |           |       |       |           | QQ Lyr - II        | dom 22.58 | 81        | 61  | dom 23.58 | 92   | 50  | lun 00.58    | 101 | 39  | 276  |       |
|                    |           |       |       |           | FU Lac - I         | dom 23.53 | 110       | 84  | lun 00.53 | 104  | 73  | lun 01.53    | 107 | 62  | 271  |       |
|                    |           |       |       |           | V473 And - II      | lun 00.43 | 266       | 80  | lun 01.43 | 85   | 89  | lun 02.43    | 95  | 77  | 210  |       |
|                    |           |       |       |           | NSVS 11955755 - II | lun 01.05 | 335       | 49  | lun 02.05 | 358  | 52  | lun 03.05    | 22  | 50  | 329  |       |
|                    |           |       |       |           | V423 Tau - II      | lun 01.49 | 257       | 22  | lun 02.49 | 267  | 33  | lun 03.49    | 277 | 45  | -286 |       |
| lun 17-08-15       | 19.07     | 19.46 | 02.26 | 03.05     | V473 And - II      | lun 19.58 | 239       | 31  | lun 20.58 | 246  | 41  | lun 21.58    | 252 | 51  | 215  |       |
|                    |           |       |       |           | V691 Her - II      | lun 20.42 | 72        | 44  | lun 21.42 | 84   | 33  | lun 22.42    | 95  | 22  | 31   |       |
|                    |           |       |       |           | V1072 Her - II     | lun 23.10 | 122       | 49  | mar 00.10 | 126  | 40  | mar 01.10    | 131 | 31  | 84   |       |
|                    |           |       |       |           | NSVS 11955755 - I  | lun 23.37 | 308       | 40  | mar 00.37 | 326  | 47  | mar 01.37    | 348 | 52  | 335  |       |
|                    |           |       |       |           | QQ Lyr - I         | mar 00.42 | 99        | 41  | mar 01.42 | 107  | 30  | mar 02.42    | 115 | 20  | 274  |       |
|                    |           |       |       |           | V473 And - I       | mar 00.47 | 267       | 82  | mar 01.47 | 89   | 87  | mar 02.47    | 96  | 76  | 216  |       |
|                    |           |       |       |           | V610 Cyg - II      | mar 00.55 | 98        | 66  | mar 01.55 | 104  | 55  | mar 02.55    | 110 | 44  | 297  |       |
| mar 18-08-15       | 19.05     | 19.44 | 02.27 | 03.06     | V610 Cyg - II      | mar 18.53 | 252       | 48  | mar 19.53 | 258  | 59  | mar 20.53    | 265 | 70  | 298  |       |
|                    |           |       |       |           | V473 And - I       | mar 20.03 | 240       | 32  | mar 21.03 | 247  | 42  | mar 22.03    | 252 | 52  | 220  |       |
|                    |           |       |       |           | V1072 Her - I      | mar 20.20 | 128       | 76  | mar 21.20 | 120  | 66  | mar 22.20    | 120 | 57  | 82   |       |
|                    |           |       |       |           | NSVS 11955755 - II | mar 22.08 | 289       | 26  | mar 23.08 | 302  | 36  | mer 00.08    | 318 | 44  | 341  |       |
|                    |           |       |       |           | V1187 Cyg - I      | mar 23.09 | 98        | 71  | mer 00.09 | 104  | 60  | mer 01.09    | 109 | 50  | 259  |       |
|                    |           |       |       |           | V473 And - II      | mer 00.52 | 268       | 83  | mer 01.52 | 90   | 85  | mer 02.52    | 97  | 74  | 221  |       |
| NSVS 11955755 - I  | mer 01.22 | 344   | 51    | mer 02.22 | 8                  | 52        | mer 03.22 | 31  | 48        | 342  |     |              |     |     |      |       |
| mer 19-08-15       | 19.03     | 19.42 | 02.29 | 03.07     | QQ Lyr - I         | mer 18.37 | 286       | 65  | mer 19.37 | 310  | 75  | mer 20.37    | 10  | 80  | 270  |       |
|                    |           |       |       |           | V473 And - II      | mer 20.08 | 241       | 33  | mer 21.08 | 247  | 44  | mer 22.08    | 253 | 54  | 226  |       |
|                    |           |       |       |           | NSVS 11955755 - I  | mer 20.40 | 274       | 11  | mer 21.40 | 285  | 22  | mer 22.40    | 297 | 32  | 347  |       |
|                    |           |       |       |           | BW Peg - I         | mer 22.35 | 353       | 69  | mer 23.35 | 31   | 67  | gio 00.35    | 57  | 59  | 417  |       |
|                    |           |       |       |           | NSVS 11955755 - II | mer 23.53 | 315       | 43  | gio 00.53 | 335  | 49  | gio 01.53    | 358 | 52  | 348  |       |
|                    |           |       |       |           | V1072 Her - I      | gio 00.33 | 128       | 35  | gio 01.33 | 134  | 27  | gio 02.33    | 140 | 19  | 80   |       |
| V473 And - I       | gio 00.57 | 269   | 85    | gio 01.57 | 91                 | 84        | gio 02.57 | 97  | 73        | 227  |     |              |     |     |      |       |
| gio 20-08-15       | 19.02     | 19.40 | 02.30 | 03.09     | V691 Her - II      | gio 19.09 | 50        | 57  | gio 20.09 | 68   | 47  | gio 21.09    | 81  | 37  | 12   |       |
|                    |           |       |       |           | V473 And - I       | gio 20.12 | 242       | 35  | gio 21.12 | 248  | 45  | gio 22.12    | 254 | 56  | 232  |       |
|                    |           |       |       |           | V1072 Her - II     | gio 21.44 | 119       | 61  | gio 22.44 | 121  | 52  | gio 23.44    | 124 | 42  | 78   |       |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | NSVS 11955755 - I  | gio 22.25        | 294 | 30  | gio 23.25          | 308 | 40  | ven 00.25    | 326 | 47  | 353           |
|              |             |             |             |             | V610 Cyg - II      | ven 00.49        | 98  | 64  | ven 01.49          | 105 | 54  | ven 02.49    | 111 | 43  | 302           |
|              |             |             |             |             | V473 And - II      | ven 01.01        | 271 | 87  | ven 02.01          | 92  | 82  | ven 03.01    | 98  | 71  | 233           |
|              |             |             |             |             | NSVS 11955755 - II | ven 01.38        | 354 | 52  | ven 02.38          | 18  | 51  | ven 03.38    | 39  | 45  | 354           |
| ven 21-08-15 | 19.00       | 19.38       | 02.32       | 03.10       | V610 Cyg - II      | ven 18.48        | 253 | 49  | ven 19.48          | 259 | 60  | ven 20.48    | 266 | 71  | 303           |
|              |             |             |             |             | V1072 Her - I      | ven 18.54        | 187 | 82  | ven 19.54          | 134 | 78  | ven 20.54    | 121 | 69  | 76            |
|              |             |             |             |             | V473 And - II      | ven 20.17        | 243 | 36  | ven 21.17          | 249 | 46  | ven 22.17    | 255 | 57  | 237           |
|              |             |             |             |             | NSVS 11955755 - II | ven 20.57        | 278 | 15  | ven 21.57          | 289 | 26  | ven 22.57    | 302 | 36  | 359           |
|              |             |             |             |             | V1187 Cyg - I      | ven 23.30        | 101 | 65  | sab 00.30          | 107 | 55  | sab 01.30    | 112 | 44  | 258           |
|              |             |             |             |             | NSVS 11955755 - I  | sab 00.10        | 323 | 46  | sab 01.10          | 344 | 51  | sab 02.10    | 8   | 52  | 360           |
|              |             |             |             |             | V473 And - I       | sab 01.06        | 274 | 88  | sab 02.06          | 93  | 81  | sab 03.06    | 99  | 69  | 238           |
| sab 22-08-15 | 18.58       | 19.36       | 02.33       | 03.11       | V473 And - I       | sab 20.22        | 244 | 38  | sab 21.22          | 250 | 48  | sab 22.22    | 256 | 59  | 243           |
|              |             |             |             |             | V691 Her - I       | sab 20.28        | 74  | 42  | sab 21.28          | 86  | 31  | sab 22.28    | 96  | 20  | -2            |
|              |             |             |             |             | NSVS 11955755 - II | sab 22.42        | 300 | 34  | sab 23.42          | 315 | 43  | dom 00.42    | 335 | 49  | 365           |
|              |             |             |             |             | V1072 Her - I      | sab 23.07        | 123 | 47  | dom 00.07          | 127 | 38  | dom 01.07    | 132 | 29  | 74            |
|              |             |             |             |             | VV Eri - I         | dom 00.46        | 289 | 34  | dom 01.46          | 303 | 44  | dom 02.46    | 322 | 53  | 78            |
|              |             |             |             |             | V473 And - II      | dom 01.11        | 310 | 90  | dom 02.11          | 94  | 79  | dom 03.11    | 100 | 68  | 244           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 01.55        | 4   | 52  | dom 02.55          | 27  | 49  | dom 03.55    | 46  | 42  | 366           |
| dom 23-08-15 | 18.56       | 19.34       | 02.35       | 03.13       | V1072 Her - II     | dom 20.17        | 124 | 73  | dom 21.17          | 119 | 64  | dom 22.17    | 120 | 54  | 72            |
|              |             |             |             |             | V473 And - II      | dom 20.26        | 245 | 39  | dom 21.26          | 251 | 49  | dom 22.26    | 256 | 60  | 248           |
|              |             |             |             |             | FU Lac - I         | dom 20.42        | 254 | 66  | dom 21.42          | 256 | 77  | dom 22.42    | 225 | 87  | 288           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 21.14        | 283 | 20  | dom 22.14          | 294 | 30  | dom 23.14    | 308 | 40  | 371           |
|              |             |             |             |             | BW Peg - II        | dom 21.37        | 328 | 67  | dom 22.37          | 5   | 69  | dom 23.37    | 40  | 65  | 420           |
|              |             |             |             |             | QQ Lyr - II        | dom 22.39        | 83  | 59  | dom 23.39          | 93  | 48  | lun 00.39    | 102 | 37  | 259           |
|              |             |             |             |             | NSVS 11955755 - II | lun 00.27        | 331 | 49  | lun 01.27          | 354 | 52  | lun 02.27    | 18  | 51  | 371           |
|              |             |             |             |             | V610 Cyg - II      | lun 00.43        | 99  | 63  | lun 01.43          | 105 | 52  | lun 02.43    | 112 | 42  | 305           |
|              |             |             |             |             | V473 And - I       | lun 01.15        | 85  | 89  | lun 02.15          | 95  | 77  | lun 03.15    | 101 | 66  | 249           |
| lun 24-08-15 | 18.55       | 19.32       | 02.36       | 03.14       | V610 Cyg - II      | lun 18.42        | 253 | 50  | lun 19.42          | 259 | 61  | lun 20.42    | 266 | 72  | 306           |
|              |             |             |             |             | AK Ser - II        | lun 20.18        | 31  | 29  | lun 21.18          | 45  | 22  | lun 22.18    | 57  | 13  | 198           |
|              |             |             |             |             | V473 And - I       | lun 20.31        | 246 | 41  | lun 21.31          | 252 | 51  | lun 22.31    | 257 | 62  | 253           |
|              |             |             |             |             | NSVS 11955755 - I  | lun 22.58        | 306 | 38  | lun 23.58          | 323 | 46  | mar 00.58    | 344 | 51  | 377           |
|              |             |             |             |             | V1187 Cyg - I      | lun 23.50        | 104 | 60  | mar 00.50          | 110 | 49  | mar 01.50    | 116 | 39  | 257           |
|              |             |             |             |             | FU Lac - II        | mar 00.10        | 104 | 75  | mar 01.10          | 106 | 64  | mar 02.10    | 111 | 54  | 290           |
|              |             |             |             |             | QQ Lyr - I         | mar 00.23        | 100 | 39  | mar 01.23          | 108 | 28  | mar 02.23    | 117 | 18  | 256           |
|              |             |             |             |             | V1072 Her - II     | mar 00.31        | 130 | 33  | mar 01.31          | 136 | 25  | mar 02.31    | 142 | 17  | 69            |
|              |             |             |             |             | V473 And - II      | mar 01.20        | 89  | 87  | mar 02.20          | 96  | 76  | mar 03.20    | 101 | 65  | 255           |
|              |             |             |             |             | NSVS 11955755 - II | mar 02.12        | 14  | 51  | mar 03.12          | 35  | 47  | mar 04.12    | 53  | 39  | 377           |
| mar 25-08-15 | 18.53       | 19.30       | 02.38       | 03.15       | V1187 Cyg - II     | mar 17.55        | 254 | 56  | mar 18.55          | 259 | 67  | mar 19.55    | 265 | 78  | 257           |
|              |             |             |             |             | V691 Her - I       | mar 18.56        | 52  | 56  | mar 19.56          | 69  | 46  | mar 20.56    | 82  | 35  | -22           |
|              |             |             |             |             | AK Ser - I         | mar 19.23        | 17  | 33  | mar 20.23          | 33  | 28  | mar 21.23    | 47  | 21  | 191           |
|              |             |             |             |             | V473 And - II      | mar 20.36        | 247 | 42  | mar 21.36          | 252 | 53  | mar 22.36    | 258 | 63  | 259           |
|              |             |             |             |             | NSVS 11955755 - II | mar 21.30        | 287 | 24  | mar 22.30          | 300 | 34  | mar 23.30    | 315 | 43  | 382           |
|              |             |             |             |             | V1072 Her - I      | mar 21.41        | 119 | 59  | mar 22.41          | 122 | 49  | mar 23.41    | 126 | 40  | 67            |
|              |             |             |             |             | NSVS 11955755 - I  | mer 00.43        | 340 | 50  | mer 01.43          | 4   | 52  | mer 02.43    | 27  | 49  | 382           |
|              |             |             |             |             | V473 And - I       | mer 01.25        | 90  | 85  | mer 02.25          | 97  | 74  | mer 03.25    | 102 | 63  | 260           |
| mer 26-08-15 | 18.51       | 19.28       | 02.39       | 03.16       | QQ Lyr - I         | mer 18.19        | 288 | 67  | mer 19.19          | 317 | 77  | mer 20.19    | 20  | 79  | 251           |
|              |             |             |             |             | AK Ser - II        | mer 18.27        | 2   | 34  | mer 19.27          | 19  | 32  | mer 20.27    | 35  | 27  | 183           |
|              |             |             |             |             | V1072 Her - II     | mer 18.51        | 167 | 82  | mer 19.51          | 128 | 75  | mer 20.51    | 120 | 66  | 65            |
|              |             |             |             |             | V473 And - I       | mer 20.40        | 247 | 44  | mer 21.40          | 253 | 54  | mer 22.40    | 259 | 65  | 264           |
|              |             |             |             |             | VV Eri - II        | mer 22.13        | 264 | 9   | mer 23.13          | 274 | 20  | gio 00.13    | 285 | 31  | 110           |
|              |             |             |             |             | NSVS 11955755 - II | mer 23.15        | 312 | 42  | gio 00.15          | 331 | 49  | gio 01.15    | 354 | 52  | 388           |
|              |             |             |             |             | V610 Cyg - II      | gio 00.37        | 100 | 62  | gio 01.37          | 106 | 51  | gio 02.37    | 112 | 41  | 309           |
|              |             |             |             |             | V473 And - II      | gio 01.29        | 92  | 84  | gio 02.29          | 97  | 73  | gio 03.29    | 103 | 62  | 265           |
|              |             |             |             |             | BW Peg - II        | gio 01.39        | 80  | 43  | gio 02.39          | 91  | 32  | gio 03.39    | 100 | 21  | 421           |
| gio 27-08-15 | 18.49       | 19.26       | 02.41       | 03.18       | V610 Cyg - II      | gio 18.36        | 254 | 51  | gio 19.36          | 260 | 62  | gio 20.36    | 267 | 73  | 309           |
|              |             |             |             |             | V691 Her - II      | gio 20.15        | 75  | 41  | gio 21.15          | 87  | 30  | gio 22.15    | 97  | 19  | -35           |
|              |             |             |             |             | BW Peg - I         | gio 20.40        | 309 | 61  | gio 21.40          | 338 | 68  | gio 22.40    | 17  | 69  | 421           |
|              |             |             |             |             | V473 And - II      | gio 20.45        | 248 | 45  | gio 21.45          | 254 | 56  | gio 22.45    | 260 | 66  | 269           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 21.47        | 292 | 28  | gio 22.47          | 306 | 38  | gio 23.47    | 323 | 46  | 393           |
|              |             |             |             |             | V1072 Her - II     | gio 23.05        | 124 | 44  | ven 00.05          | 128 | 35  | ven 01.05    | 134 | 27  | 62            |
|              |             |             |             |             | V1187 Cyg - I      | ven 00.10        | 107 | 54  | ven 01.10          | 113 | 43  | ven 02.10    | 119 | 33  | 255           |
|              |             |             |             |             | NSVS 11955755 - II | ven 01.00        | 349 | 52  | ven 02.00          | 14  | 51  | ven 03.00    | 35  | 47  | 393           |
|              |             |             |             |             | V473 And - I       | ven 01.34        | 93  | 82  | ven 02.34          | 98  | 71  | ven 03.34    | 104 | 60  | 270           |
| ven 28-08-15 | 18.47       | 19.24       | 02.42       | 03.19       | V1187 Cyg - II     | ven 18.15        | 257 | 62  | ven 19.15          | 262 | 72  | ven 20.15    | 267 | 84  | 254           |
|              |             |             |             |             | V1072 Her - I      | ven 20.15        | 122 | 71  | ven 21.15          | 119 | 61  | ven 22.15    | 121 | 51  | 60            |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | NSVS 11955755 - II | ven 20.19        | 276 | 13  | ven 21.19          | 287 | 24  | ven 22.19    | 300 | 34  | 397           |
|              |             |             |             |             | V473 And - I       | ven 20.50        | 249 | 47  | ven 21.50          | 255 | 57  | ven 22.50    | 260 | 68  | 274           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 23.32        | 319 | 45  | sab 00.32          | 340 | 50  | sab 01.32    | 4   | 52  | 398           |
|              |             |             |             |             | V423 Tau - I       | sab 00.15        | 250 | 14  | sab 01.15          | 259 | 25  | sab 02.15    | 269 | 36  | -196          |
|              |             |             |             |             | V473 And - II      | sab 01.39        | 93  | 81  | sab 02.39          | 99  | 69  | sab 03.39    | 104 | 58  | 275           |
| sab 29-08-15 | 18.45       | 19.22       | 02.44       | 03.20       | V473 And - II      | sab 20.54        | 250 | 48  | sab 21.54          | 256 | 59  | sab 22.54    | 261 | 70  | 279           |
|              |             |             |             |             | NSVS 11955755 - II | sab 22.04        | 297 | 32  | sab 23.04          | 312 | 42  | dom 00.04    | 331 | 49  | 403           |
|              |             |             |             |             | V1072 Her - I      | dom 00.28        | 131 | 30  | dom 01.28          | 137 | 22  | dom 02.28    | 145 | 15  | 58            |
|              |             |             |             |             | V610 Cyg - II      | dom 00.32        | 100 | 61  | dom 01.32          | 107 | 50  | dom 02.32    | 113 | 40  | 311           |
|              |             |             |             |             | V423 Tau - II      | dom 00.48        | 256 | 21  | dom 01.48          | 265 | 32  | dom 02.48    | 275 | 43  | -188          |
|              |             |             |             |             | VV Eri - II        | dom 00.59        | 298 | 41  | dom 01.59          | 315 | 50  | dom 02.59    | 338 | 56  | 136           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 01.17        | 359 | 52  | dom 02.17          | 23  | 50  | dom 03.17    | 43  | 44  | 403           |
|              |             |             |             |             | V473 And - I       | dom 01.43        | 94  | 79  | dom 02.43          | 100 | 68  | dom 03.43    | 105 | 57  | 280           |
| dom 30-08-15 | 18.44       | 19.20       | 02.45       | 03.21       | V610 Cyg - II      | dom 18.30        | 254 | 52  | dom 19.30          | 261 | 63  | dom 20.30    | 268 | 74  | 312           |
|              |             |             |             |             | V691 Her - II      | dom 18.43        | 55  | 55  | dom 19.43          | 71  | 45  | dom 20.43    | 83  | 34  | -55           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 20.35        | 281 | 18  | dom 21.35          | 292 | 28  | dom 22.35    | 306 | 38  | 407           |
|              |             |             |             |             | V473 And - I       | dom 20.59        | 251 | 50  | dom 21.59          | 256 | 60  | dom 22.59    | 262 | 71  | 284           |
|              |             |             |             |             | V1072 Her - II     | dom 21.38        | 120 | 56  | dom 22.38          | 123 | 46  | dom 23.38    | 127 | 37  | 56            |
|              |             |             |             |             | QQ Lyr - II        | dom 22.21        | 84  | 58  | dom 23.21          | 95  | 46  | lun 00.21    | 103 | 35  | 239           |
|              |             |             |             |             | NSVS 11955755 - II | dom 23.48        | 327 | 48  | lun 00.48          | 350 | 52  | lun 01.48    | 14  | 51  | 408           |
|              |             |             |             |             | V1187 Cyg - I      | lun 00.30        | 110 | 48  | lun 01.30          | 116 | 38  | lun 02.30    | 123 | 28  | 252           |
|              |             |             |             |             | BW Peg - I         | lun 00.41        | 71  | 51  | lun 01.41          | 84  | 40  | lun 02.41    | 94  | 29  | 420           |
|              |             |             |             |             | V423 Tau - I       | lun 01.21        | 261 | 27  | lun 02.21          | 271 | 39  | lun 03.21    | 282 | 50  | -180          |
|              |             |             |             |             | V473 And - II      | lun 01.48        | 95  | 77  | lun 02.48          | 101 | 66  | lun 03.48    | 106 | 55  | 285           |
| lun 31-08-15 | 18.42       | 19.18       | 02.46       | 03.22       | V1187 Cyg - II     | lun 18.35        | 260 | 67  | lun 19.35          | 265 | 78  | lun 20.35    | 275 | 90  | 251           |
|              |             |             |             |             | V1072 Her - I      | lun 18.48        | 150 | 81  | lun 19.48          | 124 | 73  | lun 20.48    | 119 | 63  | 54            |
|              |             |             |             |             | BW Peg - II        | lun 19.42        | 295 | 55  | lun 20.42          | 316 | 64  | lun 21.42    | 349 | 69  | 420           |
|              |             |             |             |             | FU Lac - II        | lun 20.59        | 256 | 75  | lun 21.59          | 244 | 86  | lun 22.59    | 108 | 83  | 302           |
|              |             |             |             |             | V473 And - II      | lun 21.04        | 252 | 51  | lun 22.04          | 257 | 62  | lun 23.04    | 263 | 73  | 289           |
|              |             |             |             |             | NSVS 11955755 - I  | lun 22.20        | 303 | 36  | lun 23.20          | 319 | 45  | mar 00.20    | 340 | 50  | 413           |
|              |             |             |             |             | QQ Lyr - I         | mar 00.05        | 102 | 38  | mar 01.05          | 110 | 27  | mar 02.05    | 118 | 17  | 235           |
|              |             |             |             |             | NSVS 11955755 - II | mar 01.33        | 9   | 52  | mar 02.33          | 32  | 48  | mar 03.33    | 50  | 40  | 413           |
|              |             |             |             |             | V473 And - I       | mar 01.53        | 96  | 76  | mar 02.53          | 101 | 65  | mar 03.53    | 107 | 54  | 290           |
|              |             |             |             |             | V423 Tau - II      | mar 01.54        | 267 | 34  | mar 02.54          | 278 | 45  | mar 03.54    | 291 | 56  | -172          |
| mar 01-09-15 | 18.40       | 19.16       | 02.48       | 03.24       | V691 Her - I       | mar 20.02        | 77  | 40  | mar 21.02          | 88  | 29  | mar 22.02    | 98  | 18  | -68           |
|              |             |             |             |             | NSVS 11955755 - II | mar 20.52        | 285 | 22  | mar 21.52          | 297 | 32  | mar 22.52    | 312 | 42  | 417           |
|              |             |             |             |             | V473 And - I       | mar 21.08        | 252 | 53  | mar 22.08          | 258 | 63  | mar 23.08    | 263 | 74  | 294           |
|              |             |             |             |             | V1072 Her - I      | mar 23.02        | 125 | 41  | mer 00.02          | 130 | 33  | mer 01.02    | 136 | 24  | 51            |
|              |             |             |             |             | NSVS 11955755 - I  | mer 00.05        | 336 | 50  | mer 01.05          | 359 | 52  | mer 02.05    | 23  | 50  | 418           |
|              |             |             |             |             | V610 Cyg - II      | mer 00.26        | 101 | 60  | mer 01.26          | 107 | 49  | mer 02.26    | 114 | 39  | 313           |
|              |             |             |             |             | FU Lac - I         | mer 00.27        | 106 | 66  | mer 01.27          | 110 | 56  | mer 02.27    | 115 | 45  | 304           |
|              |             |             |             |             | V473 And - II      | mer 01.57        | 97  | 74  | mer 02.57          | 102 | 63  | mer 03.57    | 108 | 52  | 294           |
| mer 02-09-15 | 18.38       | 19.14       | 02.49       | 03.25       | QQ Lyr - I         | mer 18.00        | 291 | 69  | mer 19.00          | 324 | 78  | mer 20.00    | 29  | 78  | 229           |
|              |             |             |             |             | V610 Cyg - II      | mer 18.24        | 255 | 53  | mer 19.24          | 261 | 64  | mer 20.24    | 269 | 75  | 313           |
|              |             |             |             |             | V1072 Her - II     | mer 20.12        | 120 | 68  | mer 21.12          | 120 | 58  | mer 22.12    | 122 | 49  | 49            |
|              |             |             |             |             | V473 And - II      | mer 21.13        | 253 | 54  | mer 22.13          | 259 | 65  | mer 23.13    | 264 | 76  | 298           |
|              |             |             |             |             | VV Eri - I         | mer 22.27        | 271 | 17  | mer 23.27          | 282 | 28  | gio 00.27    | 294 | 38  | 167           |
|              |             |             |             |             | NSVS 11955755 - II | mer 22.37        | 309 | 40  | mer 23.37          | 327 | 48  | gio 00.37    | 350 | 52  | 422           |
|              |             |             |             |             | V1187 Cyg - I      | gio 00.50        | 113 | 43  | gio 01.50          | 119 | 33  | gio 02.50    | 126 | 23  | 249           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 01.50        | 19  | 51  | gio 02.50          | 40  | 45  | gio 03.50    | 56  | 37  | 423           |
|              |             |             |             |             | V473 And - I       | gio 02.02        | 97  | 73  | gio 03.02          | 103 | 62  | gio 04.02    | 108 | 51  | 299           |
| gio 03-09-15 | 18.36       | 19.12       | 02.51       | 03.26       | V1187 Cyg - II     | gio 18.55        | 262 | 73  | gio 19.55          | 268 | 84  | gio 20.55    | 92  | 84  | 248           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 21.09        | 290 | 26  | gio 22.09          | 303 | 36  | gio 23.09    | 319 | 45  | 426           |
|              |             |             |             |             | V473 And - I       | gio 21.18        | 254 | 56  | gio 22.18          | 260 | 67  | gio 23.18    | 265 | 78  | 303           |
|              |             |             |             |             | BW Peg - II        | gio 23.44        | 59  | 58  | ven 00.44          | 75  | 48  | ven 01.44    | 87  | 37  | 418           |
|              |             |             |             |             | NSVS 11955755 - II | ven 00.22        | 345 | 51  | ven 01.22          | 9   | 52  | ven 02.22    | 32  | 48  | 427           |
|              |             |             |             |             | V1072 Her - II     | ven 00.26        | 133 | 28  | ven 01.26          | 139 | 20  | ven 02.26    | 147 | 14  | 46            |
|              |             |             |             |             | V473 And - II      | ven 02.07        | 98  | 71  | ven 03.07          | 104 | 60  | ven 04.07    | 109 | 49  | 304           |
| ven 04-09-15 | 18.34       | 19.10       | 02.52       | 03.27       | V691 Her - I       | ven 18.30        | 57  | 54  | ven 19.30          | 72  | 44  | ven 20.30    | 84  | 33  | -87           |
|              |             |             |             |             | BW Peg - I         | ven 18.44        | 284 | 47  | ven 19.44          | 300 | 58  | ven 20.44    | 324 | 66  | 417           |
|              |             |             |             |             | NSVS 11955755 - II | ven 19.40        | 274 | 11  | ven 20.40          | 285 | 22  | ven 21.40    | 297 | 32  | 430           |
|              |             |             |             |             | V473 And - II      | ven 21.23        | 255 | 57  | ven 22.23          | 260 | 68  | ven 23.23    | 266 | 79  | 307           |
|              |             |             |             |             | V1072 Her - I      | ven 21.36        | 120 | 53  | ven 22.36          | 124 | 44  | ven 23.36    | 129 | 35  | 44            |
|              |             |             |             |             | NSVS 11955755 - I  | ven 22.54        | 316 | 43  | ven 23.54          | 336 | 50  | sab 00.54    | 360 | 52  | 431           |
|              |             |             |             |             | V610 Cyg - II      | sab 00.20        | 102 | 59  | sab 01.20          | 108 | 48  | sab 02.20    | 114 | 38  | 313           |
|              |             |             |             |             | NSVS 11955755 - II | sab 02.07        | 28  | 49  | sab 03.07          | 47  | 42  | sab 04.07    | 62  | 33  | 431           |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | V473 And - I       | sab 02.11        | 99  | 69  | sab 03.11          | 104 | 58  | sab 04.11    | 110 | 48  | 308           |
| sab 05-09-15 | 18.32       | 19.08       | 02.53       | 03.28       | V610 Cyg - II      | sab 18.19        | 256 | 54  | sab 19.19          | 262 | 65  | sab 20.19    | 270 | 77  | 314           |
|              |             |             |             |             | V1072 Her - II     | sab 18.46        | 138 | 79  | sab 19.46          | 122 | 70  | sab 20.46    | 119 | 61  | 42            |
|              |             |             |             |             | NSVS 11955755 - II | sab 21.25        | 295 | 31  | sab 22.25          | 309 | 40  | sab 23.25    | 327 | 48  | 435           |
|              |             |             |             |             | V473 And - I       | sab 21.27        | 256 | 59  | sab 22.27          | 261 | 70  | sab 23.27    | 267 | 81  | 312           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 00.38        | 355 | 52  | dom 01.38          | 19  | 51  | dom 02.38    | 40  | 45  | 435           |
|              |             |             |             |             | V1187 Cyg - I      | dom 01.10        | 116 | 37  | dom 02.10          | 123 | 28  | dom 03.10    | 130 | 19  | 245           |
|              |             |             |             |             | VV Eri - I         | dom 01.12        | 309 | 48  | dom 02.12          | 330 | 55  | dom 03.12    | 356 | 58  | 191           |
|              |             |             |             |             | V473 And - II      | dom 02.16        | 100 | 68  | dom 03.16          | 105 | 57  | dom 04.16    | 111 | 46  | 312           |
| dom 06-09-15 | 18.31       | 19.06       | 02.55       | 03.30       | V1187 Cyg - II     | dom 19.15        | 265 | 79  | dom 20.15          | 83  | 90  | dom 21.15    | 95  | 79  | 243           |
|              |             |             |             |             | V691 Her - II      | dom 19.49        | 78  | 39  | dom 20.49          | 89  | 28  | dom 21.49    | 99  | 17  | -101          |
|              |             |             |             |             | NSVS 11955755 - I  | dom 19.57        | 279 | 16  | dom 20.57          | 290 | 26  | dom 21.57    | 303 | 36  | 439           |
|              |             |             |             |             | V473 And - II      | dom 21.32        | 256 | 60  | dom 22.32          | 262 | 71  | dom 23.32    | 268 | 82  | 316           |
|              |             |             |             |             | QQ Lyr - II        | dom 22.02        | 86  | 56  | dom 23.02          | 96  | 45  | lun 00.02    | 104 | 34  | 215           |
|              |             |             |             |             | V1072 Her - II     | dom 22.59        | 126 | 39  | dom 23.59          | 131 | 30  | lun 00.59    | 138 | 22  | 39            |
|              |             |             |             |             | NSVS 11955755 - II | dom 23.10        | 324 | 46  | lun 00.10          | 345 | 51  | lun 01.10    | 9   | 52  | 439           |
|              |             |             |             |             | V473 And - I       | lun 02.21        | 101 | 66  | lun 03.21          | 106 | 55  | lun 04.21    | 112 | 45  | 317           |
|              |             |             |             |             | NSVS 11955755 - I  | lun 02.23        | 36  | 46  | lun 03.23          | 54  | 38  | lun 04.23    | 67  | 29  | 440           |
| lun 07-09-15 | 18.29       | 19.04       | 02.56       | 03.31       | FU Lac - II        | lun 17.48        | 246 | 46  | lun 18.48          | 251 | 56  | lun 19.48    | 255 | 67  | 311           |
|              |             |             |             |             | V1072 Her - I      | lun 20.09        | 120 | 65  | lun 21.09          | 120 | 55  | lun 22.09    | 123 | 46  | 37            |
|              |             |             |             |             | V473 And - I       | lun 21.37        | 257 | 62  | lun 22.37          | 263 | 73  | lun 23.37    | 269 | 84  | 320           |
|              |             |             |             |             | NSVS 11955755 - I  | lun 21.42        | 300 | 35  | lun 22.42          | 316 | 43  | lun 23.42    | 336 | 50  | 443           |
|              |             |             |             |             | BW Peg - I         | lun 22.46        | 43  | 64  | lun 23.46          | 65  | 55  | mar 00.46    | 79  | 44  | 414           |
|              |             |             |             |             | QQ Lyr - I         | lun 23.46        | 103 | 36  | mar 00.46          | 111 | 25  | mar 01.46    | 119 | 15  | 211           |
|              |             |             |             |             | V610 Cyg - II      | mar 00.14        | 102 | 58  | mar 01.14          | 109 | 47  | mar 02.14    | 115 | 37  | 313           |
|              |             |             |             |             | NSVS 11955755 - II | mar 00.55        | 5   | 52  | mar 01.55          | 28  | 49  | mar 02.55    | 47  | 42  | 444           |
|              |             |             |             |             | V473 And - II      | mar 02.26        | 101 | 65  | mar 03.26          | 107 | 54  | mar 04.26    | 113 | 43  | 321           |
| mar 08-09-15 | 18.27       | 19.02       | 02.57       | 03.32       | BW Peg - II        | mar 17.46        | 276 | 40  | mar 18.46          | 289 | 51  | mar 19.46    | 306 | 60  | 413           |
|              |             |             |             |             | V610 Cyg - II      | mar 18.13        | 256 | 56  | mar 19.13          | 263 | 67  | mar 20.13    | 271 | 78  | 313           |
|              |             |             |             |             | NSVS 11955755 - II | mar 20.14        | 283 | 20  | mar 21.14          | 295 | 31  | mar 22.14    | 309 | 40  | 447           |
|              |             |             |             |             | FU Lac - I         | mar 21.16        | 250 | 84  | mar 22.16          | 113 | 85  | mar 23.16    | 104 | 74  | 311           |
|              |             |             |             |             | V473 And - II      | mar 21.41        | 258 | 63  | mar 22.41          | 263 | 74  | mar 23.41    | 270 | 86  | 324           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 23.27        | 332 | 49  | mer 00.27          | 355 | 52  | mer 01.27    | 19  | 51  | 447           |
|              |             |             |             |             | V1187 Cyg - I      | mer 01.30        | 120 | 32  | mer 02.30          | 127 | 23  | mer 03.30    | 134 | 14  | 240           |
|              |             |             |             |             | CQ Ori - I         | mer 01.52        | 276 | 28  | mer 02.52          | 288 | 39  | mer 03.52    | 303 | 49  | -167          |
|              |             |             |             |             | V473 And - I       | mer 02.30        | 102 | 63  | mer 03.30          | 108 | 52  | mer 04.30    | 114 | 42  | 325           |
| mer 09-09-15 | 18.25       | 19.00       | 02.58       | 03.33       | QQ Lyr - I         | mer 17.42        | 294 | 70  | mer 18.42          | 332 | 79  | mer 19.42    | 37  | 78  | 204           |
|              |             |             |             |             | V691 Her - II      | mer 18.16        | 59  | 53  | mer 19.16          | 74  | 43  | mer 20.16    | 85  | 32  | -119          |
|              |             |             |             |             | V1187 Cyg - II     | mer 19.35        | 268 | 85  | mer 20.35          | 92  | 84  | mer 21.35    | 98  | 73  | 239           |
|              |             |             |             |             | V1072 Her - II     | mer 21.33        | 121 | 50  | mer 22.33          | 125 | 41  | mer 23.33    | 130 | 32  | 32            |
|              |             |             |             |             | V473 And - I       | mer 21.46        | 259 | 65  | mer 22.46          | 264 | 76  | mer 23.46    | 272 | 87  | 328           |
|              |             |             |             |             | NSVS 11955755 - II | mer 21.59        | 306 | 38  | mer 22.59          | 324 | 46  | mer 23.59    | 345 | 51  | 451           |
|              |             |             |             |             | VV Eri - II        | mer 22.40        | 278 | 24  | mer 23.40          | 290 | 35  | gio 00.40    | 304 | 45  | 221           |
|              |             |             |             |             | FU Lac - II        | gio 00.44        | 109 | 58  | gio 01.44          | 114 | 47  | gio 02.44    | 119 | 37  | 312           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 01.12        | 15  | 51  | gio 02.12          | 36  | 46  | gio 03.12    | 54  | 38  | 451           |
| gio 10-09-15 | 18.23       | 18.58       | 03.00       | 03.34       | V1072 Her - I      | gio 18.43        | 130 | 77  | gio 19.43          | 120 | 68  | gio 20.43    | 120 | 58  | 30            |
|              |             |             |             |             | NSVS 11955755 - I  | gio 20.30        | 288 | 25  | gio 21.30          | 300 | 35  | gio 22.30    | 316 | 43  | 454           |
|              |             |             |             |             | V473 And - II      | gio 21.51        | 260 | 67  | gio 22.51          | 265 | 78  | gio 23.51    | 276 | 89  | 332           |
|              |             |             |             |             | V423 Tau - I       | gio 23.14        | 249 | 12  | ven 00.14          | 258 | 23  | ven 01.14    | 267 | 34  | -91           |
|              |             |             |             |             | NSVS 11955755 - II | gio 23.44        | 341 | 51  | ven 00.44          | 5   | 52  | ven 01.44    | 28  | 49  | 454           |
|              |             |             |             |             | V610 Cyg - II      | ven 00.09        | 103 | 57  | ven 01.09          | 109 | 46  | ven 02.09    | 116 | 36  | 313           |
| ven 11-09-15 | 18.21       | 18.56       | 03.01       | 03.36       | V610 Cyg - II      | ven 18.07        | 257 | 57  | ven 19.07          | 264 | 68  | ven 20.07    | 272 | 79  | 312           |
|              |             |             |             |             | NSVS 11955755 - II | ven 19.02        | 273 | 9   | ven 20.02          | 283 | 20  | ven 21.02    | 295 | 31  | 457           |
|              |             |             |             |             | V691 Her - I       | ven 19.36        | 79  | 38  | ven 20.36          | 90  | 27  | ven 21.36    | 100 | 16  | -132          |
|              |             |             |             |             | BW Peg - II        | ven 21.48        | 21  | 68  | ven 22.48          | 51  | 62  | ven 23.48    | 69  | 52  | 407           |
|              |             |             |             |             | V473 And - I       | ven 21.55        | 260 | 68  | ven 22.55          | 266 | 79  | ven 23.55    | 73  | 90  | 336           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 22.15        | 313 | 42  | ven 23.15          | 332 | 49  | sab 00.15    | 355 | 52  | 458           |
|              |             |             |             |             | V1072 Her - I      | ven 22.57        | 128 | 36  | ven 23.57          | 133 | 28  | sab 00.57    | 140 | 20  | 27            |
|              |             |             |             |             | V423 Tau - II      | ven 23.48        | 254 | 19  | sab 00.48          | 264 | 30  | sab 01.48    | 273 | 41  | -82           |
|              |             |             |             |             | NSVS 11955755 - II | sab 01.28        | 24  | 50  | sab 02.28          | 44  | 43  | sab 03.28    | 60  | 35  | 458           |
| sab 12-09-15 | 18.19       | 18.54       | 03.02       | 03.37       | V1187 Cyg - II     | sab 19.56        | 88  | 89  | sab 20.56          | 95  | 78  | sab 21.56    | 101 | 67  | 233           |
|              |             |             |             |             | V1072 Her - II     | sab 20.07        | 119 | 62  | sab 21.07          | 121 | 53  | sab 22.07    | 124 | 43  | 25            |
|              |             |             |             |             | NSVS 11955755 - II | sab 20.47        | 293 | 29  | sab 21.47          | 306 | 39  | sab 22.47    | 324 | 46  | 461           |
|              |             |             |             |             | V473 And - II      | sab 22.00        | 261 | 70  | sab 23.00          | 267 | 81  | dom 00.00    | 87  | 88  | 340           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 00.00        | 351 | 52  | dom 01.00          | 15  | 51  | dom 02.00    | 37  | 46  | 461           |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | V423 Tau - I       | dom 00.21        | 260 | 26  | dom 01.21          | 269 | 37  | dom 02.21    | 280 | 48  | -73           |
|              |             |             |             |             | VV Eri - II        | dom 01.25        | 322 | 53  | dom 02.25          | 347 | 58  | dom 03.25    | 15  | 58  | 244           |
| dom 13-09-15 | 18.18       | 18.52       | 03.04       | 03.38       | NSVS 11955755 - I  | dom 19.19        | 277 | 14  | dom 20.19          | 288 | 25  | dom 21.19    | 300 | 35  | 464           |
|              |             |             |             |             | QQ Lyr - II        | dom 21.43        | 88  | 54  | dom 22.43          | 97  | 43  | dom 23.43    | 106 | 32  | 188           |
|              |             |             |             |             | V473 And - I       | dom 22.05        | 262 | 71  | dom 23.05          | 268 | 82  | dom 00.05    | 89  | 86  | 343           |
|              |             |             |             |             | NSVS 11955755 - II | dom 22.32        | 320 | 45  | dom 23.32          | 341 | 51  | dom 00.32    | 5   | 52  | 464           |
|              |             |             |             |             | V610 Cyg - II      | dom 00.03        | 104 | 56  | dom 01.03          | 110 | 45  | dom 02.03    | 116 | 35  | 311           |
|              |             |             |             |             | V423 Tau - II      | dom 00.54        | 266 | 33  | dom 01.54          | 276 | 44  | dom 02.54    | 289 | 55  | -65           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 01.45        | 33  | 48  | dom 02.45          | 51  | 40  | dom 03.45    | 65  | 31  | 465           |
| lun 14-09-15 | 18.16       | 18.50       | 03.05       | 03.39       | V473 And - I       | lun 17.20        | 234 | 23  | lun 18.20          | 241 | 33  | lun 19.20    | 247 | 43  | 346           |
|              |             |             |             |             | V610 Cyg - II      | lun 18.01        | 258 | 58  | lun 19.01          | 264 | 69  | lun 20.01    | 274 | 80  | 310           |
|              |             |             |             |             | V691 Her - I       | lun 18.03        | 60  | 52  | lun 19.03          | 75  | 42  | lun 20.03    | 86  | 31  | -151          |
|              |             |             |             |             | NSVS 11955755 - I  | lun 21.04        | 298 | 33  | lun 22.04          | 313 | 42  | lun 23.04    | 332 | 49  | 467           |
|              |             |             |             |             | V1072 Her - I      | lun 21.30        | 122 | 48  | lun 22.30          | 126 | 38  | lun 23.30    | 132 | 30  | 20            |
|              |             |             |             |             | V473 And - II      | lun 22.09        | 263 | 73  | lun 23.09          | 269 | 84  | dom 00.09    | 91  | 85  | 347           |
|              |             |             |             |             | QQ Lyr - I         | lun 23.28        | 104 | 34  | mar 00.28          | 112 | 24  | mar 01.28    | 121 | 14  | 183           |
|              |             |             |             |             | NSVS 11955755 - II | mar 00.17        | 1   | 52  | mar 01.17          | 24  | 50  | mar 02.17    | 44  | 43  | 468           |
|              |             |             |             |             | V423 Tau - I       | mar 01.27        | 272 | 39  | mar 02.27          | 283 | 51  | mar 03.27    | 300 | 61  | -56           |
| mar 15-09-15 | 18.14       | 18.48       | 03.06       | 03.40       | V473 And - II      | mar 17.25        | 235 | 25  | mar 18.25          | 242 | 34  | mar 19.25    | 248 | 44  | 349           |
|              |             |             |             |             | FU Lac - I         | mar 18.05        | 250 | 54  | mar 19.05          | 254 | 65  | mar 20.05    | 256 | 76  | 315           |
|              |             |             |             |             | V1072 Her - II     | mar 18.40        | 126 | 74  | mar 19.40          | 120 | 65  | mar 20.40    | 120 | 55  | 18            |
|              |             |             |             |             | NSVS 11955755 - II | mar 19.36        | 281 | 18  | mar 20.36          | 293 | 29  | mar 21.36    | 306 | 39  | 470           |
|              |             |             |             |             | V1187 Cyg - II     | mar 20.16        | 93  | 83  | mar 21.16          | 98  | 72  | mar 22.16    | 103 | 61  | 227           |
|              |             |             |             |             | BW Peg - I         | mar 20.50        | 354 | 69  | mar 21.50          | 31  | 67  | mar 22.50    | 57  | 59  | 399           |
|              |             |             |             |             | V473 And - I       | mar 22.14        | 264 | 75  | mar 23.14          | 270 | 86  | mar 00.14    | 92  | 83  | 350           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 22.49        | 328 | 48  | mar 23.49          | 351 | 52  | mer 00.49    | 15  | 51  | 470           |
|              |             |             |             |             | V423 Tau - II      | mer 02.00        | 279 | 46  | mer 03.00          | 293 | 57  | mer 04.00    | 314 | 66  | -47           |
|              |             |             |             |             | NSVS 11955755 - II | mer 02.02        | 41  | 45  | mer 03.02          | 57  | 36  | mer 04.02    | 70  | 26  | 471           |
| mer 16-09-15 | 18.12       | 18.46       | 03.07       | 03.41       | QQ Lyr - I         | mer 17.23        | 298 | 72  | mer 18.23          | 341 | 79  | mer 19.23    | 44  | 76  | 176           |
|              |             |             |             |             | V473 And - I       | mer 17.30        | 236 | 26  | mer 18.30          | 243 | 35  | mer 19.30    | 249 | 46  | 353           |
|              |             |             |             |             | V691 Her - II      | mer 19.23        | 80  | 37  | mer 20.23          | 91  | 25  | mer 21.23    | 101 | 14  | -163          |
|              |             |             |             |             | NSVS 11955755 - II | mer 21.20        | 304 | 37  | mer 22.20          | 320 | 45  | mer 23.20    | 341 | 51  | 473           |
|              |             |             |             |             | FU Lac - II        | mer 21.33        | 126 | 87  | mer 22.33          | 104 | 76  | mer 23.33    | 106 | 65  | 315           |
|              |             |             |             |             | V473 And - II      | mer 22.19        | 264 | 76  | mer 23.19          | 272 | 87  | gio 00.19    | 93  | 82  | 353           |
|              |             |             |             |             | VV Eri - I         | mer 22.53        | 286 | 32  | mer 23.53          | 299 | 42  | gio 00.53    | 316 | 51  | 272           |
|              |             |             |             |             | V1072 Her - II     | mer 22.54        | 129 | 34  | mer 23.54          | 135 | 26  | gio 00.54    | 142 | 18  | 15            |
|              |             |             |             |             | V610 Cyg - II      | mer 23.57        | 104 | 55  | gio 00.57          | 110 | 44  | gio 01.57    | 117 | 34  | 309           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 00.34        | 11  | 52  | gio 01.34          | 33  | 47  | gio 02.34    | 51  | 40  | 473           |
|              |             |             |             |             | V423 Tau - I       | gio 02.33        | 287 | 53  | gio 03.33          | 305 | 63  | gio 04.33    | 335 | 71  | -39           |
| gio 17-09-15 | 18.10       | 18.44       | 03.09       | 03.42       | V473 And - II      | gio 17.34        | 237 | 27  | gio 18.34          | 243 | 37  | gio 19.34    | 250 | 47  | 356           |
|              |             |             |             |             | V610 Cyg - II      | gio 17.56        | 258 | 59  | gio 18.56          | 265 | 70  | gio 19.56    | 275 | 81  | 308           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 19.52        | 286 | 23  | gio 20.52          | 298 | 33  | gio 21.52    | 313 | 42  | 475           |
|              |             |             |             |             | V1072 Her - I      | gio 20.04        | 119 | 60  | gio 21.04          | 121 | 50  | gio 22.04    | 125 | 41  | 12            |
|              |             |             |             |             | V473 And - I       | gio 22.23        | 265 | 78  | gio 23.23          | 277 | 89  | ven 00.23    | 94  | 80  | 357           |
|              |             |             |             |             | NSVS 11955755 - II | gio 23.05        | 337 | 50  | ven 00.05          | 1   | 52  | ven 01.05    | 24  | 50  | 476           |
|              |             |             |             |             | FU Lac - I         | ven 01.01        | 113 | 49  | ven 02.01          | 118 | 39  | ven 03.01    | 124 | 29  | 315           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 02.18        | 48  | 42  | ven 03.18          | 63  | 32  | ven 04.18    | 75  | 22  | 476           |
| ven 18-09-15 | 18.08       | 18.42       | 03.10       | 03.43       | V1072 Her - II     | ven 17.14        | 174 | 82  | ven 18.14          | 130 | 76  | ven 19.14    | 120 | 67  | 10            |
|              |             |             |             |             | V473 And - I       | ven 17.39        | 238 | 29  | ven 18.39          | 244 | 38  | ven 19.39    | 250 | 49  | 359           |
|              |             |             |             |             | V1187 Cyg - II     | ven 20.36        | 96  | 77  | ven 21.36          | 101 | 66  | ven 22.36    | 106 | 55  | 220           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 21.37        | 310 | 41  | ven 22.37          | 328 | 48  | ven 23.37    | 351 | 52  | 478           |
|              |             |             |             |             | V473 And - II      | ven 22.28        | 266 | 79  | ven 23.28          | 75  | 89  | sab 00.28    | 95  | 78  | 360           |
|              |             |             |             |             | NSVS 11955755 - II | sab 00.50        | 20  | 50  | sab 01.50          | 41  | 45  | sab 02.50    | 57  | 36  | 478           |
|              |             |             |             |             | BW Peg - I         | sab 00.52        | 88  | 35  | sab 01.52          | 98  | 24  | sab 02.52    | 107 | 13  | 392           |
| sab 19-09-15 | 18.07       | 18.40       | 03.11       | 03.45       | V473 And - II      | sab 17.44        | 239 | 30  | sab 18.44          | 245 | 40  | sab 19.44    | 251 | 50  | 362           |
|              |             |             |             |             | V691 Her - II      | sab 17.50        | 62  | 51  | sab 18.50          | 76  | 40  | sab 19.50    | 88  | 29  | -181          |
|              |             |             |             |             | BW Peg - II        | sab 19.52        | 328 | 67  | sab 20.52          | 5   | 69  | sab 21.52    | 40  | 65  | 390           |
|              |             |             |             |             | NSVS 11955755 - II | sab 20.09        | 290 | 27  | sab 21.09          | 304 | 37  | sab 22.09    | 320 | 45  | 480           |
|              |             |             |             |             | V1072 Her - II     | sab 21.28        | 123 | 45  | sab 22.28          | 128 | 36  | sab 23.28    | 133 | 27  | 7             |
|              |             |             |             |             | V473 And - I       | sab 22.33        | 267 | 81  | sab 23.33          | 87  | 88  | dom 00.33    | 95  | 77  | 363           |
|              |             |             |             |             | NSVS 11955755 - I  | sab 23.22        | 346 | 51  | dom 00.22          | 11  | 52  | dom 01.22    | 33  | 47  | 481           |
|              |             |             |             |             | V610 Cyg - II      | sab 23.51        | 105 | 53  | dom 00.51          | 111 | 43  | dom 01.51    | 118 | 33  | 305           |
|              |             |             |             |             | CQ Ori - I         | dom 00.56        | 274 | 25  | dom 01.56          | 285 | 36  | dom 02.56    | 299 | 47  | -77           |
|              |             |             |             |             | VV Eri - I         | dom 01.39        | 338 | 57  | dom 02.39          | 6   | 58  | dom 03.39    | 32  | 55  | 293           |
|              |             |             |             |             | NSVS 11955755 - II | dom 02.35        | 54  | 38  | dom 03.35          | 68  | 28  | dom 04.35    | 79  | 18  | 481           |

|                   |           | Sun   | Sun   | Sun       | Sun   |                    | 1h before |     |     | Time of   |     |     |              |     |     | Helio |
|-------------------|-----------|-------|-------|-----------|-------|--------------------|-----------|-----|-----|-----------|-----|-----|--------------|-----|-----|-------|
|                   | Day       | -12°  | -18°  | -18°      | -12°  | Star Name          | Min       | Azi | Alt | minimum   | Azi | Alt | 1h after Min | Azi | Alt | Corr  |
| dom               | 20-09-15  | 18.05 | 18.38 | 03.12     | 03.46 | V473 And - I       | dom 17.48 | 240 | 31  | dom 18.48 | 246 | 41  | dom 19.48    | 252 | 52  | 365   |
|                   |           |       |       |           |       | V610 Cyg - II      | dom 17.50 | 259 | 60  | dom 18.50 | 266 | 71  | dom 19.50    | 277 | 82  | 304   |
|                   |           |       |       |           |       | AK Ser - II        | dom 18.18 | 27  | 30  | dom 19.18 | 42  | 24  | dom 20.18    | 55  | 15  | -23   |
|                   |           |       |       |           |       | V1072 Her - I      | dom 18.38 | 123 | 72  | dom 19.38 | 119 | 62  | dom 20.38    | 121 | 52  | 5     |
|                   |           |       |       |           |       | NSVS 11955755 - I  | dom 18.41 | 275 | 12  | dom 19.41 | 286 | 23  | dom 20.41    | 298 | 33  | 482   |
|                   |           |       |       |           |       | QQ Lyr - II        | dom 21.24 | 89  | 53  | dom 22.24 | 98  | 42  | dom 23.24    | 107 | 31  | 158   |
|                   |           |       |       |           |       | NSVS 11955755 - II | dom 21.54 | 317 | 44  | dom 22.54 | 337 | 50  | dom 23.54    | 1   | 52  | 483   |
|                   |           |       |       |           |       | V473 And - II      | dom 22.37 | 268 | 83  | dom 23.37 | 90  | 86  | lun 00.37    | 96  | 75  | 366   |
|                   |           |       |       |           |       | NSVS 11955755 - I  | lun 01.07 | 29  | 49  | lun 02.07 | 48  | 42  | lun 03.07    | 63  | 32  | 483   |
| lun               | 21-09-15  | 18.03 | 18.36 | 03.13     | 03.47 | AK Ser - I         | lun 17.22 | 13  | 33  | lun 18.22 | 29  | 29  | lun 19.22    | 44  | 23  | -31   |
|                   |           |       |       |           |       | V473 And - II      | lun 17.53 | 241 | 33  | lun 18.53 | 247 | 43  | lun 19.53    | 253 | 53  | 368   |
|                   |           |       |       |           |       | V691 Her - I       | lun 19.09 | 82  | 35  | lun 20.09 | 92  | 24  | lun 21.09    | 102 | 13  | -193  |
|                   |           |       |       |           |       | NSVS 11955755 - I  | lun 20.26 | 296 | 31  | lun 21.26 | 310 | 41  | lun 22.26    | 328 | 48  | 485   |
|                   |           |       |       |           |       | V1187 Cyg - II     | lun 20.56 | 98  | 71  | lun 21.56 | 104 | 60  | lun 22.56    | 109 | 50  | 213   |
|                   |           |       |       |           |       | V473 And - I       | lun 22.42 | 269 | 84  | lun 23.42 | 91  | 85  | mar 00.42    | 97  | 74  | 368   |
|                   |           |       |       |           |       | V1072 Her - I      | lun 22.51 | 131 | 31  | lun 23.51 | 137 | 23  | mar 00.51    | 144 | 16  | 2     |
|                   |           |       |       |           |       | QQ Lyr - I         | lun 23.09 | 105 | 33  | mar 00.09 | 113 | 22  | mar 01.09    | 122 | 12  | 153   |
|                   |           |       |       |           |       | NSVS 11955755 - II | lun 23.39 | 356 | 52  | mar 00.39 | 20  | 50  | mar 01.39    | 41  | 45  | 485   |
| mar               | 22-09-15  | 18.01 | 18.34 | 03.15     | 03.48 | V473 And - I       | mar 17.58 | 242 | 34  | mar 18.58 | 248 | 44  | mar 19.58    | 254 | 55  | 371   |
|                   |           |       |       |           |       | NSVS 11955755 - II | mar 18.57 | 279 | 16  | mar 19.57 | 291 | 27  | mar 20.57    | 304 | 37  | 486   |
|                   |           |       |       |           |       | V1072 Her - II     | mar 20.01 | 120 | 57  | mar 21.01 | 122 | 47  | mar 22.01    | 127 | 38  | 0     |
|                   |           |       |       |           |       | NSVS 11955755 - I  | mar 22.10 | 325 | 47  | mar 23.10 | 347 | 51  | mer 00.10    | 11  | 52  | 487   |
|                   |           |       |       |           |       | V473 And - II      | mar 22.47 | 270 | 86  | mar 23.47 | 92  | 83  | mer 00.47    | 98  | 72  | 371   |
|                   |           |       |       |           |       | V610 Cyg - II      | mar 23.46 | 105 | 52  | mer 00.46 | 112 | 42  | mer 01.46    | 118 | 32  | 301   |
|                   |           |       |       |           |       | BW Peg - II        | mar 23.54 | 80  | 43  | mer 00.54 | 91  | 32  | mer 01.54    | 101 | 21  | 380   |
|                   |           |       |       |           |       | NSVS 11955755 - II | mer 01.24 | 37  | 46  | mer 02.24 | 54  | 38  | mer 03.24    | 68  | 28  | 487   |
| mer               | 23-09-15  | 17.59 | 18.33 | 03.16     | 03.49 | QQ Lyr - I         | mer 17.04 | 302 | 73  | mer 18.04 | 352 | 80  | mer 19.04    | 50  | 75  | 146   |
|                   |           |       |       |           |       | V1072 Her - I      | mer 17.12 | 155 | 82  | mer 18.12 | 125 | 74  | mer 19.12    | 119 | 64  | -2    |
|                   |           |       |       |           |       | V610 Cyg - II      | mer 17.44 | 260 | 61  | mer 18.44 | 266 | 72  | mer 19.44    | 279 | 83  | 300   |
|                   |           |       |       |           |       | V473 And - II      | mer 18.03 | 243 | 35  | mer 19.03 | 249 | 46  | mer 20.03    | 254 | 56  | 373   |
|                   |           |       |       |           |       | FU Lac - II        | mer 18.22 | 253 | 63  | mer 19.22 | 256 | 74  | mer 20.22    | 248 | 84  | 313   |
|                   |           |       |       |           |       | BW Peg - I         | mer 18.54 | 309 | 62  | mer 19.54 | 338 | 68  | mer 20.54    | 17  | 69  | 378   |
|                   |           |       |       |           |       | NSVS 11955755 - II | mer 20.42 | 301 | 35  | mer 21.42 | 317 | 44  | mer 22.42    | 337 | 50  | 488   |
|                   |           |       |       |           |       | V423 Tau - I       | mer 22.14 | 247 | 11  | mer 23.14 | 256 | 21  | gio 00.14    | 266 | 32  | 20    |
|                   |           |       |       |           |       | V473 And - I       | mer 22.51 | 272 | 87  | mer 23.51 | 93  | 81  | gio 00.51    | 99  | 70  | 374   |
| VV Eri - II       | mer 23.06 | 294   | 39    | gio 00.06 | 310   | 48                 | gio 01.06 | 331 | 55  | 319       |     |     |              |     |     |       |
| NSVS 11955755 - I | mer 23.55 | 6     | 52    | gio 00.55 | 29    | 49                 | gio 01.55 | 48  | 42  | 489       |     |     |              |     |     |       |
| gio               | 24-09-15  | 17.57 | 18.31 | 03.17     | 03.50 | V691 Her - I       | gio 17.37 | 64  | 50  | gio 18.37 | 78  | 39  | gio 19.37    | 89  | 28  | -209  |
|                   |           |       |       |           |       | V473 And - I       | gio 18.07 | 243 | 37  | gio 19.07 | 250 | 47  | gio 20.07    | 255 | 58  | 376   |
|                   |           |       |       |           |       | NSVS 11955755 - I  | gio 19.14 | 284 | 21  | gio 20.14 | 296 | 31  | gio 21.14    | 310 | 41  | 490   |
|                   |           |       |       |           |       | V1187 Cyg - II     | gio 21.16 | 101 | 65  | gio 22.16 | 107 | 55  | gio 23.16    | 112 | 44  | 205   |
|                   |           |       |       |           |       | V1072 Her - I      | gio 21.25 | 124 | 42  | gio 22.25 | 129 | 33  | gio 23.25    | 135 | 25  | -5    |
|                   |           |       |       |           |       | FU Lac - I         | gio 21.50 | 104 | 78  | gio 22.50 | 105 | 67  | gio 23.50    | 109 | 57  | 312   |
|                   |           |       |       |           |       | NSVS 11955755 - II | gio 22.27 | 333 | 49  | gio 23.27 | 356 | 52  | ven 00.27    | 20  | 50  | 490   |
|                   |           |       |       |           |       | V423 Tau - II      | gio 22.47 | 253 | 17  | gio 23.47 | 262 | 28  | ven 00.47    | 272 | 39  | 28    |
|                   |           |       |       |           |       | V473 And - II      | gio 22.56 | 277 | 89  | gio 23.56 | 94  | 80  | ven 00.56    | 99  | 69  | 376   |
| NSVS 11955755 - I | ven 01.40 | 45    | 43    | ven 02.40 | 60    | 34                 | ven 03.40 | 73  | 24  | 490       |     |     |              |     |     |       |
| ven               | 25-09-15  | 17.56 | 18.29 | 03.18     | 03.51 | V473 And - II      | ven 18.12 | 244 | 38  | ven 19.12 | 250 | 49  | ven 20.12    | 256 | 59  | 378   |
|                   |           |       |       |           |       | V1072 Her - II     | ven 18.35 | 121 | 69  | ven 19.35 | 119 | 59  | ven 20.35    | 122 | 50  | -7    |
|                   |           |       |       |           |       | NSVS 11955755 - I  | ven 20.59 | 307 | 39  | ven 21.59 | 325 | 47  | ven 22.59    | 347 | 51  | 492   |
|                   |           |       |       |           |       | V473 And - I       | ven 23.01 | 76  | 89  | sab 00.01 | 95  | 78  | sab 01.01    | 100 | 67  | 379   |
|                   |           |       |       |           |       | V423 Tau - I       | ven 23.20 | 259 | 24  | sab 00.20 | 268 | 35  | sab 01.20    | 279 | 46  | 37    |
|                   |           |       |       |           |       | V610 Cyg - II      | ven 23.40 | 106 | 51  | sab 00.40 | 112 | 41  | sab 01.40    | 119 | 31  | 296   |
|                   |           |       |       |           |       | NSVS 11955755 - II | sab 00.12 | 16  | 51  | sab 01.12 | 37  | 46  | sab 02.12    | 55  | 38  | 492   |
| FU Lac - II       | sab 01.18 | 117   | 41    | sab 02.18 | 123   | 31                 | sab 03.18 | 130 | 22  | 311       |     |     |              |     |     |       |
| sab               | 26-09-15  | 17.54 | 18.27 | 03.19     | 03.52 | V610 Cyg - II      | sab 17.38 | 260 | 62  | sab 18.38 | 267 | 73  | sab 19.38    | 282 | 84  | 295   |
|                   |           |       |       |           |       | V473 And - I       | sab 18.17 | 245 | 40  | sab 19.17 | 251 | 50  | sab 20.17    | 257 | 61  | 380   |
|                   |           |       |       |           |       | V691 Her - II      | sab 18.56 | 83  | 34  | sab 19.56 | 93  | 23  | sab 20.56    | 103 | 12  | -221  |
|                   |           |       |       |           |       | NSVS 11955755 - II | sab 19.31 | 288 | 25  | sab 20.31 | 301 | 35  | sab 21.31    | 317 | 44  | 493   |
|                   |           |       |       |           |       | NSVS 11955755 - I  | sab 22.44 | 342 | 51  | sab 23.44 | 6   | 52  | dom 00.44    | 29  | 49  | 493   |
|                   |           |       |       |           |       | V1072 Her - II     | sab 22.49 | 132 | 29  | sab 23.49 | 139 | 21  | dom 00.49    | 146 | 14  | -10   |
|                   |           |       |       |           |       | BW Peg - I         | sab 22.56 | 71  | 51  | sab 23.56 | 84  | 40  | dom 00.56    | 94  | 29  | 367   |
|                   |           |       |       |           |       | V473 And - II      | sab 23.05 | 87  | 88  | dom 00.05 | 95  | 77  | dom 01.05    | 101 | 66  | 381   |
|                   |           |       |       |           |       | V423 Tau - II      | sab 23.53 | 264 | 31  | dom 00.53 | 274 | 42  | dom 01.53    | 286 | 53  | 46    |
|                   |           |       |       |           |       | VV Eri - II        | dom 01.52 | 357 | 58  | dom 02.52 | 24  | 56  | dom 03.52    | 46  | 50  | 338   |
|                   |           |       |       |           |       | NSVS 11955755 - II | dom 01.57 | 52  | 40  | dom 02.57 | 66  | 30  | dom 03.57    | 78  | 19  | 493   |

|              | Sun   | Sun   | Sun   | Sun   |                    | 1h before |     |     | Time of   |     |     |              |     |     | Helio |
|--------------|-------|-------|-------|-------|--------------------|-----------|-----|-----|-----------|-----|-----|--------------|-----|-----|-------|
| Day          | -12°  | -18°  | -18°  | -12°  | Star Name          | Min       | Azi | Alt | minimum   | Azi | Alt | 1h after Min | Azi | Alt | Corr  |
| dom 27-09-15 | 17.52 | 18.25 | 03.20 | 03.53 | BW Peg - II        | dom 17.56 | 295 | 55  | dom 18.56 | 316 | 64  | dom 19.56    | 349 | 69  | 365   |
|              |       |       |       |       | NSVS 11955755 - I  | dom 18.02 | 273 | 10  | dom 19.02 | 284 | 21  | dom 20.02    | 296 | 31  | 494   |
|              |       |       |       |       | V473 And - II      | dom 18.21 | 246 | 41  | dom 19.21 | 252 | 52  | dom 20.21    | 258 | 62  | 382   |
|              |       |       |       |       | V1072 Her - I      | dom 19.59 | 120 | 54  | dom 20.59 | 123 | 45  | dom 21.59    | 128 | 36  | -12   |
|              |       |       |       |       | VV Eri - I         | dom 20.33 | 268 | 14  | dom 21.33 | 279 | 25  | dom 22.33    | 291 | 36  | 343   |
|              |       |       |       |       | QQ Lyr - II        | dom 21.05 | 91  | 51  | dom 22.05 | 100 | 40  | dom 23.05    | 108 | 29  | 126   |
|              |       |       |       |       | NSVS 11955755 - II | dom 21.16 | 314 | 42  | dom 22.16 | 333 | 49  | dom 23.16    | 356 | 52  | 494   |
|              |       |       |       |       | V1187 Cyg - II     | dom 21.36 | 104 | 60  | dom 22.36 | 110 | 49  | dom 23.36    | 116 | 39  | 197   |
|              |       |       |       |       | V473 And - I       | dom 23.10 | 90  | 86  | lun 00.10 | 96  | 75  | lun 01.10    | 102 | 64  | 383   |
|              |       |       |       |       | V423 Tau - I       | lun 00.26 | 270 | 38  | lun 01.26 | 281 | 49  | lun 02.26    | 296 | 59  | 55    |
|              |       |       |       |       | NSVS 11955755 - I  | lun 00.29 | 25  | 49  | lun 01.29 | 45  | 43  | lun 02.29    | 60  | 34  | 494   |
| lun 28-09-15 | 17.50 | 18.23 | 03.22 | 03.55 | V1072 Her - II     | lun 17.09 | 142 | 80  | lun 18.09 | 122 | 71  | lun 19.09    | 119 | 62  | -15   |
|              |       |       |       |       | V473 And - I       | lun 18.26 | 247 | 43  | lun 19.26 | 253 | 53  | lun 20.26    | 258 | 64  | 384   |
|              |       |       |       |       | NSVS 11955755 - I  | lun 19.47 | 293 | 29  | lun 20.47 | 307 | 39  | lun 21.47    | 325 | 47  | 495   |
|              |       |       |       |       | QQ Lyr - I         | lun 22.51 | 106 | 31  | lun 23.51 | 115 | 21  | mar 00.51    | 123 | 11  | 121   |
|              |       |       |       |       | NSVS 11955755 - II | lun 23.00 | 352 | 52  | mar 00.00 | 16  | 51  | mar 01.00    | 38  | 46  | 495   |
|              |       |       |       |       | V473 And - II      | lun 23.15 | 91  | 85  | mar 00.15 | 97  | 73  | mar 01.15    | 102 | 62  | 385   |
|              |       |       |       |       | V610 Cyg - II      | lun 23.34 | 107 | 50  | mar 00.34 | 113 | 40  | mar 01.34    | 120 | 30  | 291   |
|              |       |       |       |       | V423 Tau - II      | mar 00.59 | 277 | 45  | mar 01.59 | 290 | 55  | mar 02.59    | 310 | 65  | 63    |
|              |       |       |       |       | NSVS 11955755 - I  | mar 02.14 | 58  | 36  | mar 03.14 | 71  | 26  | mar 04.14    | 82  | 15  | 496   |
| mar 29-09-15 | 17.49 | 18.21 | 03.23 | 03.56 | V691 Her - II      | mar 17.24 | 66  | 49  | mar 18.24 | 79  | 38  | mar 19.24    | 90  | 27  | -237  |
|              |       |       |       |       | V610 Cyg - II      | mar 17.33 | 261 | 63  | mar 18.33 | 268 | 74  | mar 19.33    | 286 | 85  | 289   |
|              |       |       |       |       | NSVS 11955755 - II | mar 18.19 | 277 | 14  | mar 19.19 | 288 | 25  | mar 20.19    | 301 | 35  | 496   |
|              |       |       |       |       | V473 And - II      | mar 18.31 | 248 | 44  | mar 19.31 | 254 | 55  | mar 20.31    | 259 | 66  | 386   |
|              |       |       |       |       | V1072 Her - II     | mar 21.22 | 126 | 40  | mar 22.22 | 131 | 31  | mar 23.22    | 137 | 23  | -18   |
|              |       |       |       |       | NSVS 11955755 - I  | mar 21.32 | 321 | 46  | mar 22.32 | 342 | 51  | mar 23.32    | 6   | 52  | 496   |
|              |       |       |       |       | V473 And - I       | mar 23.20 | 92  | 83  | mer 00.20 | 98  | 72  | mer 01.20    | 103 | 61  | 387   |
|              |       |       |       |       | NSVS 11955755 - II | mer 00.45 | 34  | 47  | mer 01.45 | 52  | 40  | mer 02.45    | 66  | 30  | 496   |
|              |       |       |       |       | V423 Tau - I       | mer 01.32 | 284 | 51  | mer 02.32 | 301 | 62  | mer 03.32    | 329 | 70  | 72    |
| mer 30-09-15 | 17.47 | 18.20 | 03.24 | 03.57 | V1072 Her - I      | mer 18.33 | 120 | 66  | mer 19.33 | 120 | 56  | mer 20.33    | 123 | 47  | -20   |
|              |       |       |       |       | V473 And - I       | mer 18.35 | 249 | 46  | mer 19.35 | 254 | 56  | mer 20.35    | 260 | 67  | 388   |
|              |       |       |       |       | NSVS 11955755 - II | mer 20.04 | 299 | 33  | mer 21.04 | 314 | 42  | mer 22.04    | 333 | 49  | 497   |
|              |       |       |       |       | V1187 Cyg - II     | mer 21.56 | 107 | 54  | mer 22.56 | 113 | 43  | mer 23.56    | 119 | 33  | 188   |
|              |       |       |       |       | BW Peg - II        | mer 21.58 | 59  | 58  | mer 22.58 | 75  | 48  | mer 23.58    | 87  | 37  | 353   |
|              |       |       |       |       | NSVS 11955755 - I  | mer 23.17 | 2   | 52  | gio 00.17 | 25  | 49  | gio 01.17    | 45  | 43  | 497   |
|              |       |       |       |       | VV Eri - I         | mer 23.19 | 305 | 45  | gio 00.19 | 324 | 53  | gio 01.19    | 349 | 58  | 361   |
|              |       |       |       |       | V473 And - II      | mer 23.24 | 93  | 81  | gio 00.24 | 99  | 70  | gio 01.24    | 104 | 59  | 389   |
|              |       |       |       |       | CQ Ori - I         | mer 23.59 | 272 | 23  | gio 00.59 | 282 | 34  | gio 01.59    | 296 | 45  | 15    |
|              |       |       |       |       | V423 Tau - II      | gio 02.06 | 294 | 58  | gio 03.06 | 316 | 67  | gio 04.06    | 354 | 72  | 81    |
|              |       |       |       |       | NSVS 11955755 - II | gio 02.30 | 63  | 32  | gio 03.30 | 76  | 21  | gio 04.30    | 86  | 10  | 497   |
| gio 01-10-15 | 17.45 | 18.18 | 03.25 | 03.58 | BW Peg - I         | gio 16.59 | 285 | 47  | gio 17.59 | 300 | 58  | gio 18.59    | 325 | 66  | 350   |
|              |       |       |       |       | NSVS 11955755 - I  | gio 18.36 | 282 | 19  | gio 19.36 | 293 | 29  | gio 20.36    | 307 | 39  | 498   |
|              |       |       |       |       | FU Lac - I         | gio 18.39 | 256 | 72  | gio 19.39 | 253 | 82  | gio 20.39    | 119 | 86  | 305   |
|              |       |       |       |       | V473 And - II      | gio 18.40 | 250 | 47  | gio 19.40 | 255 | 58  | gio 20.40    | 261 | 69  | 390   |
|              |       |       |       |       | V691 Her - I       | gio 18.43 | 84  | 33  | gio 19.43 | 94  | 22  | gio 20.43    | 104 | 11  | -247  |
|              |       |       |       |       | NSVS 11955755 - II | gio 21.49 | 329 | 48  | gio 22.49 | 352 | 52  | gio 23.49    | 16  | 51  | 498   |
|              |       |       |       |       | V610 Cyg - II      | gio 23.28 | 107 | 49  | ven 00.28 | 114 | 39  | ven 01.28    | 120 | 29  | 284   |
|              |       |       |       |       | V473 And - I       | gio 23.29 | 94  | 80  | ven 00.29 | 99  | 69  | ven 01.29    | 105 | 58  | 390   |
|              |       |       |       |       | NSVS 11955755 - I  | ven 01.02 | 42  | 44  | ven 02.02 | 58  | 36  | ven 03.02    | 71  | 26  | 498   |
|              |       |       |       |       | V423 Tau - I       | ven 02.39 | 306 | 64  | ven 03.39 | 338 | 71  | ven 04.39    | 21  | 71  | 89    |
| ven 02-10-15 | 17.43 | 18.16 | 03.26 | 03.59 | V610 Cyg - II      | ven 17.27 | 261 | 64  | ven 18.27 | 269 | 75  | ven 19.27    | 292 | 87  | 283   |
|              |       |       |       |       | V473 And - I       | ven 18.45 | 250 | 49  | ven 19.45 | 256 | 59  | ven 20.45    | 261 | 70  | 391   |
|              |       |       |       |       | V1072 Her - II     | ven 19.56 | 121 | 51  | ven 20.56 | 125 | 42  | ven 21.56    | 130 | 33  | -25   |
|              |       |       |       |       | NSVS 11955755 - I  | ven 20.21 | 304 | 37  | ven 21.21 | 321 | 46  | ven 22.21    | 342 | 51  | 498   |
|              |       |       |       |       | FU Lac - II        | ven 22.07 | 105 | 70  | ven 23.07 | 108 | 59  | sab 00.07    | 113 | 48  | 304   |
|              |       |       |       |       | V473 And - II      | ven 23.34 | 95  | 78  | sab 00.34 | 100 | 67  | sab 01.34    | 106 | 56  | 392   |
|              |       |       |       |       | NSVS 11955755 - II | ven 23.34 | 12  | 52  | sab 00.34 | 34  | 47  | sab 01.34    | 52  | 40  | 498   |
| sab 03-10-15 | 17.42 | 18.14 | 03.27 | 04.00 | V1072 Her - I      | sab 17.06 | 133 | 78  | sab 18.06 | 121 | 69  | sab 19.06    | 119 | 59  | -27   |
|              |       |       |       |       | V473 And - II      | sab 18.49 | 251 | 50  | sab 19.49 | 257 | 61  | sab 20.49    | 262 | 72  | 393   |
|              |       |       |       |       | NSVS 11955755 - II | sab 18.52 | 286 | 23  | sab 19.52 | 299 | 33  | sab 20.52    | 314 | 43  | 499   |
|              |       |       |       |       | NSVS 11955755 - I  | sab 22.06 | 338 | 50  | sab 23.06 | 2   | 52  | dom 00.06    | 25  | 49  | 499   |
|              |       |       |       |       | V1187 Cyg - II     | sab 22.17 | 110 | 48  | sab 23.17 | 116 | 38  | dom 00.17    | 123 | 28  | 178   |
|              |       |       |       |       | V473 And - I       | sab 23.38 | 95  | 77  | dom 00.38 | 101 | 66  | dom 01.38    | 106 | 55  | 393   |
|              |       |       |       |       | NSVS 11955755 - II | dom 01.19 | 49  | 41  | dom 02.19 | 64  | 32  | dom 03.19    | 76  | 21  | 499   |
|              |       |       |       |       | FU Lac - I         | dom 01.35 | 122 | 33  | dom 02.35 | 128 | 24  | dom 03.35    | 136 | 16  | 302   |
|              |       |       |       |       | VV Eri - I         | dom 02.05 | 16  | 57  | dom 03.05 | 40  | 52  | dom 04.05    | 58  | 44  | 378   |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before |     |     |           | Time of |     |           | 1h after |     |      | Helio |
|--------------|-------------|-------------|-------------|-------------|--------------------|-----------|-----|-----|-----------|---------|-----|-----------|----------|-----|------|-------|
|              |             |             |             |             |                    | Min       | Azi | Alt | minimum   | Azi     | Alt | Min       | Azi      | Alt | Corr |       |
| dom 04-10-15 | 17.40       | 18.12       | 03.28       | 04.01       | V691 Her - I       | dom 17.11 | 67  | 48  | dom 18.11 | 80      | 37  | dom 19.11 | 91       | 26  | -262 |       |
|              |             |             |             |             | V473 And - I       | dom 18.54 | 252 | 52  | dom 19.54 | 258     | 63  | dom 20.54 | 263      | 74  | 394  |       |
|              |             |             |             |             | NSVS 11955755 - II | dom 20.37 | 311 | 41  | dom 21.37 | 329     | 48  | dom 22.37 | 352      | 52  | 499  |       |
|              |             |             |             |             | QQ Lyr - II        | dom 20.46 | 92  | 50  | dom 21.46 | 101     | 38  | dom 22.46 | 109      | 28  | 93   |       |
|              |             |             |             |             | VV Eri - II        | dom 20.46 | 275 | 21  | dom 21.46 | 287     | 32  | dom 22.46 | 300      | 43  | 383  |       |
|              |             |             |             |             | BW Peg - I         | dom 21.00 | 44  | 64  | dom 22.00 | 65      | 55  | dom 23.00 | 79       | 44  | 336  |       |
|              |             |             |             |             | V1072 Her - I      | dom 21.20 | 127 | 37  | dom 22.20 | 133     | 29  | dom 23.20 | 139      | 21  | -30  |       |
|              |             |             |             |             | V610 Cyg - II      | dom 23.23 | 108 | 48  | lun 00.23 | 114     | 38  | lun 01.23 | 121      | 28  | 277  |       |
|              |             |             |             |             | V473 And - II      | dom 23.43 | 96  | 75  | lun 00.43 | 102     | 64  | lun 01.43 | 107      | 53  | 395  |       |
|              |             |             |             |             | NSVS 11955755 - I  | dom 23.50 | 21  | 50  | lun 00.50 | 42      | 44  | lun 01.50 | 58       | 36  | 499  |       |
|              |             |             |             |             | CQ Ori - II        | lun 02.38 | 311 | 53  | lun 03.38 | 335     | 60  | lun 04.38 | 5        | 62  | 50   |       |
| lun 05-10-15 | 17.38       | 18.11       | 03.30       | 04.02       | V610 Cyg - II      | lun 17.21 | 262 | 65  | lun 18.21 | 270     | 77  | lun 19.21 | 303      | 88  | 275  |       |
|              |             |             |             |             | V1072 Her - II     | lun 18.30 | 119 | 63  | lun 19.30 | 120     | 54  | lun 20.30 | 124      | 44  | -32  |       |
|              |             |             |             |             | V473 And - II      | lun 18.59 | 253 | 53  | lun 19.59 | 258     | 64  | lun 20.59 | 264      | 75  | 395  |       |
|              |             |             |             |             | NSVS 11955755 - I  | lun 19.09 | 291 | 27  | lun 20.09 | 305     | 37  | lun 21.09 | 321      | 46  | 499  |       |
|              |             |             |             |             | NSVS 11955755 - II | lun 22.22 | 348 | 51  | lun 23.22 | 12      | 52  | mar 00.22 | 34       | 47  | 499  |       |
|              |             |             |             |             | V473 And - I       | lun 23.48 | 97  | 73  | mar 00.48 | 102     | 62  | mar 01.48 | 108      | 52  | 396  |       |
|              |             |             |             |             | NSVS 11955755 - I  | mar 01.35 | 55  | 38  | mar 02.35 | 69      | 28  | mar 03.35 | 80       | 17  | 499  |       |
| mar 06-10-15 | 17.37       | 18.09       | 03.31       | 04.03       | NSVS 11955755 - II | mar 17.41 | 276 | 12  | mar 18.41 | 286     | 23  | mar 19.41 | 299      | 34  | 499  |       |
|              |             |             |             |             | V691 Her - II      | mar 18.30 | 85  | 32  | mar 19.30 | 95      | 21  | mar 20.30 | 105      | 10  | -272 |       |
|              |             |             |             |             | V473 And - I       | mar 19.03 | 254 | 55  | mar 20.03 | 259     | 66  | mar 21.03 | 265      | 77  | 397  |       |
|              |             |             |             |             | NSVS 11955755 - I  | mar 20.54 | 318 | 44  | mar 21.54 | 338     | 50  | mar 22.54 | 2        | 52  | 499  |       |
|              |             |             |             |             | V1187 Cyg - II     | mar 22.37 | 113 | 43  | mar 23.37 | 119     | 33  | mer 00.37 | 126      | 23  | 168  |       |
|              |             |             |             |             | V473 And - II      | mar 23.52 | 98  | 72  | mer 00.52 | 103     | 61  | mer 01.52 | 109      | 50  | 397  |       |
|              |             |             |             |             | NSVS 11955755 - II | mer 00.07 | 30  | 48  | mer 01.07 | 49      | 41  | mer 02.07 | 64       | 32  | 499  |       |
| mer 07-10-15 | 17.35       | 18.07       | 03.32       | 04.04       | V1187 Cyg - I      | mer 16.42 | 263 | 73  | mer 17.42 | 268     | 84  | mer 18.42 | 92       | 84  | 166  |       |
|              |             |             |             |             | V473 And - II      | mer 19.08 | 254 | 56  | mer 20.08 | 260     | 67  | mer 21.08 | 265      | 78  | 398  |       |
|              |             |             |             |             | NSVS 11955755 - II | mer 19.26 | 296 | 32  | mer 20.26 | 311     | 41  | mer 21.26 | 330      | 48  | 499  |       |
|              |             |             |             |             | V1072 Her - I      | mer 19.54 | 122 | 49  | mer 20.54 | 126     | 39  | mer 21.54 | 131      | 31  | -37  |       |
|              |             |             |             |             | V423 Tau - II      | mer 21.46 | 252 | 16  | mer 22.46 | 261     | 26  | mer 23.46 | 270      | 38  | 137  |       |
|              |             |             |             |             | NSVS 11955755 - I  | mer 22.39 | 358 | 52  | mer 23.39 | 21      | 50  | gio 00.39 | 42       | 44  | 498  |       |
|              |             |             |             |             | V610 Cyg - II      | mer 23.17 | 109 | 47  | gio 00.17 | 115     | 37  | gio 01.17 | 122      | 27  | 269  |       |
|              |             |             |             |             | VV Eri - II        | mer 23.32 | 317 | 51  | gio 00.32 | 340     | 57  | gio 01.32 | 8        | 58  | 398  |       |
|              |             |             |             |             | V473 And - I       | mer 23.57 | 99  | 70  | gio 00.57 | 104     | 59  | gio 01.57 | 110      | 49  | 398  |       |
|              |             |             |             |             | NSVS 11955755 - II | gio 01.52 | 61  | 34  | gio 02.52 | 74      | 23  | gio 03.52 | 84       | 12  | 498  |       |
| gio 08-10-15 | 17.33       | 18.06       | 03.33       | 04.05       | V1072 Her - II     | gio 17.04 | 127 | 75  | gio 18.04 | 120     | 66  | gio 19.04 | 120      | 56  | -39  |       |
|              |             |             |             |             | V610 Cyg - II      | gio 17.15 | 263 | 67  | gio 18.15 | 271     | 78  | gio 19.15 | 326      | 88  | 267  |       |
|              |             |             |             |             | NSVS 11955755 - I  | gio 17.58 | 280 | 17  | gio 18.58 | 291     | 28  | gio 19.58 | 305      | 37  | 498  |       |
|              |             |             |             |             | V473 And - I       | gio 19.13 | 255 | 58  | gio 20.13 | 261     | 69  | gio 21.13 | 266      | 80  | 398  |       |
|              |             |             |             |             | BW Peg - II        | gio 20.03 | 21  | 68  | gio 21.03 | 51      | 62  | gio 22.03 | 70       | 52  | 319  |       |
|              |             |             |             |             | NSVS 11955755 - II | gio 21.11 | 326 | 47  | gio 22.11 | 348     | 52  | gio 23.11 | 12       | 52  | 498  |       |
|              |             |             |             |             | V423 Tau - I       | gio 22.19 | 257 | 22  | gio 23.19 | 266     | 33  | ven 00.19 | 277      | 44  | 146  |       |
|              |             |             |             |             | V473 And - II      | ven 00.02 | 99  | 69  | ven 01.02 | 105     | 58  | ven 02.02 | 111      | 47  | 399  |       |
|              |             |             |             |             | NSVS 11955755 - I  | ven 00.24 | 38  | 46  | ven 01.24 | 55      | 38  | ven 02.24 | 69       | 28  | 498  |       |
| ven 09-10-15 | 17.32       | 18.04       | 03.34       | 04.07       | V691 Her - II      | ven 16.57 | 69  | 46  | ven 17.57 | 81      | 36  | ven 18.57 | 92       | 24  | -286 |       |
|              |             |             |             |             | FU Lac - II        | ven 18.56 | 255 | 80  | ven 19.56 | 142     | 88  | ven 20.56 | 104      | 77  | 292  |       |
|              |             |             |             |             | V473 And - II      | ven 19.17 | 256 | 59  | ven 20.17 | 261     | 70  | ven 21.17 | 267      | 82  | 399  |       |
|              |             |             |             |             | NSVS 11955755 - I  | ven 19.43 | 302 | 36  | ven 20.43 | 318     | 44  | ven 21.43 | 338      | 50  | 498  |       |
|              |             |             |             |             | V1072 Her - II     | ven 21.17 | 129 | 35  | ven 22.17 | 134     | 26  | ven 23.17 | 141      | 19  | -42  |       |
|              |             |             |             |             | V423 Tau - II      | ven 22.53 | 263 | 29  | ven 23.53 | 273     | 40  | sab 00.53 | 284      | 51  | 154  |       |
|              |             |             |             |             | NSVS 11955755 - II | ven 22.56 | 8   | 52  | ven 23.56 | 30      | 48  | sab 00.56 | 49       | 41  | 498  |       |
|              |             |             |             |             | V1187 Cyg - II     | ven 22.57 | 116 | 37  | ven 23.57 | 123     | 28  | sab 00.57 | 130      | 19  | 158  |       |
|              |             |             |             |             | V473 And - I       | sab 00.06 | 100 | 67  | sab 01.06 | 106     | 56  | sab 02.06 | 111      | 46  | 399  |       |
| sab 10-10-15 | 17.30       | 18.02       | 03.35       | 04.08       | V1187 Cyg - I      | sab 17.02 | 265 | 79  | sab 18.02 | 84      | 90  | sab 19.02 | 95       | 78  | 155  |       |
|              |             |             |             |             | NSVS 11955755 - II | sab 18.14 | 284 | 21  | sab 19.14 | 296     | 32  | sab 20.14 | 311      | 41  | 497  |       |
|              |             |             |             |             | V1072 Her - I      | sab 18.27 | 119 | 61  | sab 19.27 | 121     | 51  | sab 20.27 | 125      | 42  | -44  |       |
|              |             |             |             |             | V473 And - I       | sab 19.22 | 257 | 61  | sab 20.22 | 262     | 72  | sab 21.22 | 268      | 83  | 400  |       |
|              |             |             |             |             | NSVS 11955755 - I  | sab 21.27 | 334 | 49  | sab 22.27 | 358     | 52  | sab 23.27 | 21       | 50  | 497  |       |
|              |             |             |             |             | FU Lac - I         | sab 22.24 | 107 | 61  | sab 23.24 | 112     | 50  | dom 00.24 | 117      | 40  | 289  |       |
|              |             |             |             |             | V610 Cyg - II      | sab 23.11 | 109 | 46  | dom 00.11 | 116     | 36  | dom 01.11 | 122      | 26  | 261  |       |
|              |             |             |             |             | V423 Tau - I       | sab 23.26 | 269 | 36  | dom 00.26 | 279     | 47  | dom 01.26 | 294      | 58  | 162  |       |
|              |             |             |             |             | V473 And - II      | dom 00.11 | 101 | 66  | dom 01.11 | 106     | 55  | dom 02.11 | 112      | 44  | 400  |       |
|              |             |             |             |             | NSVS 11955755 - II | dom 00.41 | 46  | 43  | dom 01.41 | 61      | 34  | dom 02.41 | 74       | 23  | 497  |       |
|              |             |             |             |             | VV Eri - II        | dom 02.18 | 33  | 54  | dom 03.18 | 53      | 47  | dom 04.18 | 68       | 37  | 413  |       |
| dom 11-10-15 | 17.28       | 18.01       | 03.36       | 04.09       | V610 Cyg - II      | dom 17.10 | 264 | 68  | dom 18.10 | 272     | 79  | dom 19.10 | 9        | 89  | 258  |       |
|              |             |             |             |             | V473 And - II      | dom 19.27 | 258 | 63  | dom 20.27 | 263     | 74  | dom 21.27 | 269      | 85  | 400  |       |

| Day          | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name          | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|--------------|-------------|-------------|-------------|-------------|--------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|              |             |             |             |             | NSVS 11955755 - II | dom 19.59        | 308 | 39  | dom 20.59          | 326 | 47  | dom 21.59    | 348 | 52  | 496           |
|              |             |             |             |             | QQ Lyr - II        | dom 20.27        | 93  | 48  | dom 21.27          | 102 | 37  | dom 22.27    | 110 | 26  | 58            |
|              |             |             |             |             | VV Eri - I         | dom 20.59        | 283 | 29  | dom 21.59          | 295 | 39  | dom 22.59    | 311 | 49  | 417           |
|              |             |             |             |             | CQ Ori - I         | dom 23.02        | 269 | 20  | lun 00.02          | 280 | 31  | lun 01.02    | 292 | 42  | 107           |
|              |             |             |             |             | NSVS 11955755 - I  | dom 23.12        | 17  | 51  | lun 00.12          | 38  | 46  | lun 01.12    | 55  | 37  | 496           |
|              |             |             |             |             | V423 Tau - II      | dom 23.59        | 275 | 43  | lun 00.59          | 288 | 54  | lun 01.59    | 306 | 64  | 171           |
|              |             |             |             |             | V473 And - I       | lun 00.16        | 102 | 64  | lun 01.16          | 107 | 53  | lun 02.16    | 113 | 43  | 400           |
| lun 12-10-15 | 17.27       | 17.59       | 03.37       | 04.10       | NSVS 11955755 - I  | lun 18.31        | 289 | 26  | lun 19.31          | 302 | 36  | lun 20.31    | 318 | 44  | 495           |
|              |             |             |             |             | BW Peg - I         | lun 19.05        | 354 | 69  | lun 20.05          | 32  | 67  | lun 21.05    | 57  | 59  | 299           |
|              |             |             |             |             | V473 And - I       | lun 19.31        | 258 | 64  | lun 20.31          | 264 | 75  | lun 21.31    | 271 | 86  | 401           |
|              |             |             |             |             | V1072 Her - II     | lun 19.51        | 123 | 46  | lun 20.51          | 127 | 37  | lun 21.51    | 133 | 28  | -49           |
|              |             |             |             |             | NSVS 11955755 - II | lun 21.44        | 343 | 51  | lun 22.44          | 8   | 52  | lun 23.44    | 30  | 48  | 495           |
|              |             |             |             |             | V1187 Cyg - II     | lun 23.17        | 120 | 32  | mar 00.17          | 127 | 23  | mar 01.17    | 134 | 14  | 147           |
|              |             |             |             |             | V473 And - II      | mar 00.20        | 102 | 62  | mar 01.20          | 108 | 52  | mar 02.20    | 114 | 41  | 401           |
|              |             |             |             |             | V423 Tau - I       | mar 00.32        | 282 | 50  | mar 01.32          | 298 | 60  | mar 02.32    | 323 | 69  | 179           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 00.57        | 52  | 39  | mar 01.57          | 66  | 30  | mar 02.57    | 78  | 19  | 495           |
| mar 13-10-15 | 17.25       | 17.58       | 03.39       | 04.11       | V1072 Her - I      | mar 17.01        | 124 | 73  | mar 18.01          | 119 | 63  | mar 19.01    | 120 | 53  | -51           |
|              |             |             |             |             | NSVS 11955755 - II | mar 17.03        | 274 | 10  | mar 18.03          | 284 | 21  | mar 19.03    | 296 | 32  | 494           |
|              |             |             |             |             | V1187 Cyg - I      | mar 17.22        | 268 | 85  | mar 18.22          | 92  | 84  | mar 19.22    | 98  | 73  | 144           |
|              |             |             |             |             | V473 And - II      | mar 19.36        | 259 | 66  | mar 20.36          | 265 | 77  | mar 21.36    | 273 | 88  | 401           |
|              |             |             |             |             | NSVS 11955755 - I  | mar 20.16        | 315 | 43  | mar 21.16          | 334 | 49  | mar 22.16    | 358 | 52  | 494           |
|              |             |             |             |             | V610 Cyg - II      | mar 23.05        | 110 | 45  | mer 00.05          | 116 | 35  | mer 01.05    | 123 | 25  | 251           |
|              |             |             |             |             | NSVS 11955755 - II | mar 23.29        | 26  | 49  | mer 00.29          | 46  | 43  | mer 01.29    | 61  | 34  | 494           |
|              |             |             |             |             | V473 And - I       | mer 00.25        | 103 | 61  | mer 01.25          | 109 | 50  | mer 02.25    | 115 | 40  | 401           |
|              |             |             |             |             | V423 Tau - II      | mer 01.05        | 291 | 56  | mer 02.05          | 312 | 66  | mer 03.05    | 347 | 72  | 187           |
| mer 14-10-15 | 17.24       | 17.56       | 03.40       | 04.12       | V691 Her - I       | mer 16.44        | 70  | 45  | mer 17.44          | 83  | 34  | mer 18.44    | 93  | 23  | -307          |
|              |             |             |             |             | V610 Cyg - II      | mer 17.04        | 264 | 69  | mer 18.04          | 274 | 80  | mer 19.04    | 44  | 88  | 249           |
|              |             |             |             |             | NSVS 11955755 - II | mer 18.48        | 294 | 30  | mer 19.48          | 308 | 39  | mer 20.48    | 326 | 47  | 493           |
|              |             |             |             |             | V473 And - I       | mer 19.41        | 260 | 67  | mer 20.41          | 265 | 78  | mer 21.41    | 288 | 90  | 401           |
|              |             |             |             |             | V1072 Her - I      | mer 21.15        | 130 | 32  | mer 22.15          | 136 | 24  | mer 23.15    | 143 | 17  | -54           |
|              |             |             |             |             | NSVS 11955755 - I  | mer 22.01        | 353 | 52  | mer 23.01          | 17  | 51  | gio 00.01    | 39  | 46  | 493           |
|              |             |             |             |             | VV Eri - I         | mer 23.45        | 332 | 55  | gio 00.45          | 359 | 58  | gio 01.45    | 26  | 56  | 430           |
|              |             |             |             |             | V473 And - II      | gio 00.30        | 104 | 59  | gio 01.30          | 110 | 49  | gio 02.30    | 116 | 38  | 401           |
|              |             |             |             |             | NSVS 11955755 - II | gio 01.14        | 59  | 35  | gio 02.14          | 71  | 25  | gio 03.14    | 82  | 14  | 492           |
|              |             |             |             |             | V423 Tau - I       | gio 01.38        | 303 | 62  | gio 02.38          | 331 | 70  | gio 03.38    | 14  | 72  | 195           |
| gio 15-10-15 | 17.22       | 17.54       | 03.41       | 04.13       | NSVS 11955755 - I  | gio 17.19        | 278 | 15  | gio 18.19          | 289 | 26  | gio 19.19    | 302 | 36  | 492           |
|              |             |             |             |             | V1072 Her - II     | gio 18.25        | 120 | 58  | gio 19.25          | 122 | 48  | gio 20.25    | 126 | 39  | -56           |
|              |             |             |             |             | V473 And - II      | gio 19.45        | 261 | 69  | gio 20.45          | 266 | 80  | gio 21.45    | 84  | 89  | 401           |
|              |             |             |             |             | NSVS 11955755 - II | gio 20.33        | 322 | 46  | gio 21.33          | 344 | 51  | gio 22.33    | 8   | 52  | 491           |
|              |             |             |             |             | BW Peg - I         | gio 23.06        | 88  | 35  | ven 00.06          | 98  | 24  | ven 01.06    | 107 | 13  | 283           |
|              |             |             |             |             | NSVS 11955755 - I  | gio 23.46        | 35  | 47  | ven 00.46          | 53  | 39  | ven 01.46    | 67  | 29  | 491           |
|              |             |             |             |             | V473 And - I       | ven 00.34        | 105 | 58  | ven 01.34          | 111 | 47  | ven 02.34    | 117 | 37  | 401           |
|              |             |             |             |             | CQ Ori - II        | ven 01.41        | 307 | 51  | ven 02.41          | 329 | 59  | ven 03.41    | 358 | 62  | 140           |
|              |             |             |             |             | V423 Tau - II      | ven 02.11        | 319 | 68  | ven 03.11          | 357 | 72  | ven 04.11    | 37  | 69  | 203           |
| ven 16-10-15 | 17.21       | 17.53       | 03.42       | 04.14       | V1187 Cyg - I      | ven 17.42        | 88  | 89  | ven 18.42          | 95  | 78  | ven 19.42    | 101 | 67  | 133           |
|              |             |             |             |             | BW Peg - II        | ven 18.07        | 328 | 67  | ven 19.07          | 6   | 69  | ven 20.07    | 41  | 65  | 278           |
|              |             |             |             |             | NSVS 11955755 - I  | ven 19.04        | 299 | 34  | ven 20.04          | 315 | 43  | ven 21.04    | 334 | 49  | 490           |
|              |             |             |             |             | V473 And - I       | ven 19.50        | 262 | 70  | ven 20.50          | 267 | 82  | ven 21.50    | 88  | 87  | 401           |
|              |             |             |             |             | NSVS 11955755 - II | ven 22.17        | 3   | 52  | ven 23.17          | 27  | 49  | sab 00.17    | 46  | 43  | 490           |
|              |             |             |             |             | V610 Cyg - II      | ven 22.59        | 110 | 44  | ven 23.59          | 117 | 34  | sab 00.59    | 124 | 24  | 241           |
|              |             |             |             |             | V473 And - II      | sab 00.39        | 106 | 56  | sab 01.39          | 111 | 46  | sab 02.39    | 118 | 35  | 401           |
|              |             |             |             |             | NSVS 11955755 - I  | sab 01.31        | 64  | 31  | sab 02.31          | 76  | 21  | sab 03.31    | 87  | 10  | 489           |
|              |             |             |             |             | V423 Tau - I       | sab 02.44        | 341 | 71  | sab 03.44          | 24  | 71  | sab 04.44    | 54  | 64  | 211           |
| sab 17-10-15 | 17.19       | 17.51       | 03.43       | 04.15       | V610 Cyg - II      | sab 16.58        | 265 | 70  | sab 17.58          | 275 | 81  | sab 18.58    | 62  | 87  | 239           |
|              |             |             |             |             | NSVS 11955755 - II | sab 17.36        | 282 | 19  | sab 18.36          | 294 | 30  | sab 19.36    | 308 | 39  | 488           |
|              |             |             |             |             | FU Lac - I         | sab 19.12        | 199 | 88  | sab 20.12          | 105 | 79  | sab 21.12    | 105 | 69  | 273           |
|              |             |             |             |             | V1072 Her - I      | sab 19.48        | 124 | 43  | sab 20.48          | 129 | 34  | sab 21.48    | 134 | 26  | -60           |
|              |             |             |             |             | V473 And - II      | sab 19.55        | 262 | 72  | sab 20.55          | 268 | 83  | sab 21.55    | 90  | 86  | 401           |
|              |             |             |             |             | NSVS 11955755 - I  | sab 20.49        | 330 | 48  | sab 21.49          | 353 | 52  | sab 22.49    | 17  | 51  | 488           |
|              |             |             |             |             | NSVS 11955755 - II | dom 00.02        | 43  | 44  | dom 01.02          | 59  | 35  | dom 02.02    | 71  | 25  | 488           |
|              |             |             |             |             | V473 And - I       | dom 00.44        | 106 | 55  | dom 01.44          | 112 | 44  | dom 02.44    | 118 | 34  | 401           |
|              |             |             |             |             | VV Eri - I         | dom 02.31        | 47  | 49  | dom 03.31          | 63  | 40  | dom 04.31    | 76  | 30  | 442           |
| dom 18-10-15 | 17.18       | 17.50       | 03.44       | 04.16       | V1072 Her - II     | dom 16.58        | 121 | 70  | dom 17.58          | 119 | 60  | dom 18.58    | 121 | 51  | -62           |
|              |             |             |             |             | NSVS 11955755 - II | dom 19.21        | 305 | 38  | dom 20.21          | 322 | 46  | dom 21.21    | 344 | 51  | 486           |
|              |             |             |             |             | V473 And - I       | dom 20.00        | 263 | 74  | dom 21.00          | 269 | 85  | dom 22.00    | 91  | 84  | 401           |
|              |             |             |             |             | QQ Lyr - II        | dom 20.08        | 95  | 46  | dom 21.08          | 103 | 35  | dom 22.08    | 111 | 25  | 22            |

| Day | Sun<br>-12° | Sun<br>-18° | Sun<br>-18° | Sun<br>-12° | Star Name         | 1h before<br>Min | Azi | Alt | Time of<br>minimum | Azi | Alt | 1h after Min | Azi | Alt | Helio<br>Corr |
|-----|-------------|-------------|-------------|-------------|-------------------|------------------|-----|-----|--------------------|-----|-----|--------------|-----|-----|---------------|
|     |             |             |             |             | VV Eri - II       | dom 21.12        | 291 | 36  | dom 22.12          | 306 | 46  | dom 23.12    | 325 | 54  | 445           |
|     |             |             |             |             | NSVS 11955755 - I | dom 22.34        | 13  | 51  | dom 23.34          | 35  | 47  | lun 00.34    | 53  | 39  | 486           |
|     |             |             |             |             | FU Lac - II       | dom 22.41        | 111 | 52  | dom 23.41          | 116 | 42  | lun 00.41    | 122 | 32  | 270           |
|     |             |             |             |             | V473 And - II     | lun 00.48        | 107 | 53  | lun 01.48          | 113 | 43  | lun 02.48    | 119 | 33  | 400           |