

| Earth Date/Time UT | Sol | Ls | Earth Date/Time UT | Sol | Ls | Earth Date/Time UT | Sol | Ls | Earth Date/Time UT | Sol | Ls | Earth Date/Time UT | Sol | Ls | Earth | Mars |
|----------------------|-----|----------|---------------------|-----|---------|---------------------|-----|----------|---------------------|-----|----------|---------------------|-----|----------|-----------------|----------|
| Fri 20170505t081843 | 1 | 359.924° | Wed 20170920t004326 | 135 | 63.290° | Sun 20180204t170808 | 269 | 124.873° | Fri 20180622t093251 | 403 | 197.783° | Wed 20181107t015734 | 537 | 283.588° | 00:00:00.000 | 00:00:00 |
| Sat 20170506t085818 | 2 | 0.437° | Thu 20170921t012301 | 136 | 63.739° | Sun 20180205t174744 | 270 | 125.360° | Sat 20180623t101226 | 404 | 198.391° | Thu 20181108t025709 | 538 | 284.222° | 01:01:38.969 | 01:00:00 |
| Sun 20170507t093753 | 3 | 0.949° | Fri 20170922t020236 | 137 | 64.188° | Tue 20180206t182719 | 271 | 125.848° | Sun 20180624t105202 | 405 | 199.001° | Fri 20181109t031645 | 539 | 284.856° | 02:03:17.937 | 02:00:00 |
| Tue 20170508t101728 | 4 | 1.460° | Sat 20170923t024211 | 138 | 64.637° | Wed 20180207t190654 | 272 | 126.337° | Mon 20180625t113137 | 406 | 199.611° | Sat 20181110t035620 | 540 | 285.490° | 03:04:56.906 | 03:00:00 |
| Mon 20170509t105704 | 5 | 1.971° | Sun 20170924t032147 | 139 | 65.086° | Thu 20180208t194629 | 273 | 126.826° | Tue 20180626t121112 | 407 | 200.222° | Sun 20181111t043555 | 541 | 286.122° | 04:06:35.874 | 04:00:00 |
| Wed 20170510t113639 | 6 | 2.480° | Mon 20170925t040122 | 140 | 65.535° | Fri 20180209t202605 | 274 | 127.316° | Wed 20180627t125047 | 408 | 200.834° | Mon 20181112t051530 | 542 | 286.754° | 05:08:14.843 | 05:00:00 |
| Thu 20170511t121614 | 7 | 2.989° | Tue 20170926t044057 | 141 | 65.984° | Sat 20180210t210540 | 275 | 127.806° | Thu 20180628t133023 | 409 | 201.448° | Tue 20181113t055505 | 543 | 287.385° | 06:09:53.811 | 06:00:00 |
| Fri 20170512t125549 | 8 | 3.497° | Wed 20170927t052032 | 142 | 66.432° | Sun 20180211t214515 | 276 | 128.298° | Fri 20180629t140958 | 410 | 202.061° | Wed 20181114t063441 | 544 | 288.016° | 07:11:32.780 | 07:00:00 |
| Sat 20170513t133525 | 9 | 4.004° | Thu 20170928t060007 | 143 | 66.881° | Mon 20180212t222450 | 277 | 128.790° | Sat 20180630t144933 | 411 | 202.676° | Thu 20181115t071416 | 545 | 288.646° | 08:13:11.748 | 08:00:00 |
| Sun 20170514t141500 | 10 | 4.510° | Fri 20170929t063943 | 144 | 67.330° | Tue 20180213t230426 | 278 | 129.282° | Sun 20180701t152908 | 412 | 203.292° | Fri 20181116t075351 | 546 | 289.275° | 09:14:50.717 | 09:00:00 |
| Mon 20170515t145435 | 11 | 5.016° | Sat 20170930t071918 | 145 | 67.778° | Wed 20180214t234401 | 279 | 129.776° | Mon 20180702t160844 | 413 | 203.909° | Sat 20181117t083326 | 547 | 289.903° | 10:16:29.654 | 10:00:00 |
| Tue 20170516t1513410 | 12 | 5.520° | Sun 20171001t075853 | 146 | 68.227° | Fri 20180215t002336 | 280 | 130.270° | Tue 20180703t164819 | 414 | 204.526° | Sun 20181118t091032 | 548 | 290.531° | 11:18:08.685 | 11:00:00 |
| Wed 20170517t161346 | 13 | 6.024° | Mon 20171002t083828 | 147 | 68.675° | Sat 20180217t010311 | 281 | 130.765° | Wed 20180704t172754 | 415 | 205.144° | Mon 20181119t095237 | 549 | 291.157° | 12:19:47.623 | 12:00:00 |
| Thu 20170518t165321 | 14 | 6.528° | Tue 20171003t091804 | 148 | 69.124° | Sun 20180218t014247 | 282 | 131.260° | Thu 20180705t180729 | 416 | 205.763° | Tue 20181120t103212 | 550 | 291.783° | 13:21:26.591 | 13:00:00 |
| Fri 20170519t173256 | 15 | 7.030° | Wed 20171004t095739 | 149 | 69.572° | Mon 20180219t022222 | 283 | 131.757° | Fri 20180706t184705 | 417 | 206.383° | Wed 20181121t111147 | 551 | 292.409° | 14:23:05.560 | 14:00:00 |
| Sat 20170520t181231 | 16 | 7.531° | Thu 20171005t103714 | 150 | 70.021° | Tue 20180220t030157 | 284 | 132.254° | Sat 20180707t192640 | 418 | 207.004° | Thu 20181122t115123 | 552 | 293.033° | 15:24:44.528 | 15:00:00 |
| Sun 20170521t185207 | 17 | 8.032° | Fri 20171006t111649 | 151 | 70.469° | Wed 20180221t034132 | 285 | 132.752° | Mon 20180708t200615 | 419 | 207.626° | Fri 20181123t123058 | 553 | 293.657° | 16:26:23.497 | 16:00:00 |
| Mon 20170522t193142 | 18 | 8.532° | Sat 20171007t115625 | 152 | 70.917° | Thu 20180222t042108 | 286 | 133.250° | Mon 20180709t204550 | 420 | 208.248° | Sat 20181124t131033 | 554 | 294.280° | 17:28:02.465 | 17:00:00 |
| Tue 20170523t201117 | 19 | 9.032° | Sun 20171008t123600 | 153 | 71.366° | Fri 20180223t050043 | 287 | 133.749° | Tue 20180710t212526 | 421 | 208.871° | Sun 20181125t151053 | 555 | 294.902° | 18:29:41.434 | 18:00:00 |
| Wed 20170524t205052 | 20 | 9.530° | Mon 20171009t131535 | 154 | 71.814° | Sat 20180224t054018 | 288 | 134.249° | Wed 20180711t220501 | 422 | 209.495° | Mon 20181126t142944 | 556 | 295.523° | 19:31:20.402 | 19:00:00 |
| Thu 20170525t213028 | 21 | 10.028° | Tue 20171010t135510 | 155 | 72.263° | Sun 20180225t061953 | 289 | 134.750° | Thu 20180712t224436 | 423 | 210.120° | Tue 20181127t150919 | 557 | 296.143° | 20:32:59.371 | 20:00:00 |
| Fri 20170526t2121003 | 22 | 10.525° | Wed 20171011t143446 | 156 | 72.711° | Mon 20180226t065929 | 290 | 135.252° | Fri 20180713t232411 | 424 | 210.746° | Wed 20181128t154854 | 558 | 296.763° | 21:34:38.339 | 21:00:00 |
| Sat 20170527t224938 | 23 | 11.021° | Thu 20171012t151421 | 157 | 73.159° | Tue 20180227t073904 | 291 | 135.754° | Sun 20180715t000347 | 425 | 211.372° | Thu 20181129t162829 | 559 | 297.382° | 22:36:17.308 | 22:00:00 |
| Sun 20170528t232913 | 24 | 11.517° | Fri 20171013t155356 | 158 | 73.608° | Wed 20180228t081839 | 292 | 136.257° | Mon 20180716t004322 | 426 | 211.999° | Fri 20181130t170805 | 560 | 298.000° | 23:37:56.276 | 23:00:00 |
| Tue 20170529t000849 | 25 | 12.013° | Sat 20171014t163331 | 159 | 74.056° | Thu 20180301t085814 | 293 | 136.761° | Tue 20180717t012257 | 427 | 212.627° | Sat 20181201t174740 | 561 | 298.617° | 24:39:35.245 | 24:00:00 |
| Wed 20170531t004824 | 26 | 12.506° | Sun 20171015t171307 | 160 | 74.505° | Fri 20180302t093749 | 294 | 137.266° | Wed 20180718t020232 | 428 | 213.255° | Sun 20181202t182715 | 562 | 299.233° | Earth | Mars |
| Thu 20170601t012759 | 27 | 12.999° | Mon 20171016t175242 | 161 | 74.953° | Sat 20180303t101725 | 295 | 137.771° | Thu 20180719t024208 | 429 | 213.885° | Mon 20181203t190650 | 563 | 299.848° | 00:00:00.000 | 00:00:00 |
| Fri 20170602t020734 | 28 | 13.492° | Tue 20171017t183217 | 162 | 75.402° | Sun 20180304t105700 | 296 | 138.278° | Fri 20180720t032143 | 430 | 214.515° | Tue 20181204t194626 | 564 | 300.463° | 00:10:16.495 | 00:10:00 |
| Sat 20170603t024710 | 29 | 13.984° | Wed 20171018t191152 | 163 | 75.851° | Mon 20180305t113635 | 297 | 138.785° | Sat 20180721t040118 | 431 | 215.146° | Wed 20181205t202601 | 565 | 301.076° | 00:20:32.990 | 00:20:00 |
| Sun 20170604t032645 | 30 | 14.475° | Thu 20171019t195128 | 164 | 76.300° | Tue 20180306t121610 | 298 | 139.293° | Mon 20180722t044053 | 432 | 215.777° | Thu 20181206t210536 | 566 | 301.689° | 00:30:49.484 | 00:30:00 |
| Mon 20170605t040620 | 31 | 14.966° | Fri 20171020t203103 | 165 | 76.748° | Wed 20180307t125546 | 299 | 139.801° | Mon 20180723t052029 | 433 | 216.409° | Fri 20181207t214511 | 567 | 302.301° | 00:41:05.979 | 00:40:00 |
| Tue 20170606t044555 | 32 | 15.456° | Sat 20171021t211038 | 166 | 77.197° | Thu 20180308t133521 | 300 | 140.311° | Tue 20180724t060004 | 434 | 217.042° | Sat 20181208t222447 | 568 | 302.912° | 00:51:22.474 | 00:50:00 |
| Wed 20170607t052531 | 33 | 15.945° | Sun 20171022t215013 | 167 | 77.646° | Fri 20180309t141456 | 301 | 140.821° | Wed 20180725t063939 | 435 | 217.676° | Sun 20181209t230422 | 569 | 303.522° | 01:01:38.969 | 01:00:00 |
| Thu 20170608t060506 | 34 | 16.434° | Mon 20171023t222949 | 168 | 78.095° | Sat 20180310t145431 | 302 | 141.332° | Thu 20180726t071914 | 436 | 218.310° | Mon 20181210t234357 | 570 | 304.131° | Earth | Mars |
| Fri 20170609t064441 | 35 | 16.922° | Tue 20171024t230924 | 169 | 78.544° | Sun 20180311t153407 | 303 | 141.844° | Fri 20180727t075850 | 437 | 218.945° | Wed 20181211t002332 | 571 | 304.739° | 00:00:00.000 | 00:00:00 |
| Sat 20170610t072416 | 36 | 17.409° | Wed 20171025t234859 | 170 | 78.993° | Mon 20180312t161342 | 304 | 142.357° | Sat 20180728t083825 | 438 | 219.581° | Thu 20181213t010308 | 572 | 305.346° | 00:01:01.649 | 00:01:00 |
| Mon 20170611t080352 | 37 | 17.896° | Fri 20171026t002834 | 171 | 79.443° | Tue 20180313t165317 | 305 | 142.871° | Sun 20180729t091800 | 439 | 220.217° | Fri 20181214t014243 | 573 | 305.953° | 00:02:03.299 | 00:02:00 |
| Mon 20170612t084327 | 38 | 18.382° | Sat 20171027t010810 | 172 | 79.892° | Wed 20180314t173252 | 306 | 143.385° | Mon 20180730t095735 | 440 | 220.854° | Sat 20181215t022218 | 574 | 306.558° | 00:03:04.948 | 00:03:00 |
| Tue 20170613t092302 | 39 | 18.867° | Sun 20171028t014745 | 173 | 80.342° | Thu 20180315t181228 | 307 | 143.901° | Tue 20180731t103710 | 441 | 221.491° | Sun 20181216t030153 | 575 | 307.162° | 00:04:06.598 | 00:04:00 |
| Wed 20170614t100237 | 40 | 19.351° | Mon 20171029t022720 | 174 | 80.791° | Fri 20180316t185203 | 308 | 144.417° | Wed 20180801t111646 | 442 | 222.129° | Mon 20181217t034129 | 576 | 307.766° | 00:05:08.247 | 00:05:00 |
| Thu 20170615t104212 | 41 | 19.835° | Tue 20171031t030655 | 175 | 81.241° | Sat 20180317t191318 | 309 | 144.934° | Thu 20180802t115621 | 443 | 222.768° | Tue 20181218t042104 | 577 | 308.369° | 00:06:09.897 | 00:06:00 |
| Fri 20170616t112148 | 42 | 20.319° | Wed 20171101t034631 | 176 | 81.691° | Sun 20180318t021113 | 310 | 145.452° | Fri 20180803t123556 | 444 | 223.407° | Wed 20181219t051909 | 578 | 308.970° | 00:07:11.546 | 00:07:00 |
| Sat 20170617t120123 | 43 | 20.802° | Thu 20171102t042606 | 177 | 82.141° | Mon 20180319t025049 | 311 | 145.971° | Sat 20180804t131531 | 445 | 224.047° | Thu 20181220t054014 | 579 | 309.571° | 00:08:13.196 | 00:08:00 |
| Sun 20170618t124058 | 44 | 21.284° | Fri 20171103t050541 | 178 | 82.591° | Tue 20180320t123024 | 312 | 146.490° | Mon 20180805t135507 | 446 | 224.687° | Fri 20181221t061950 | 580 | 310.171° | 00:09:14.845 | 00:09:00 |
| Mon 20170619t132033 | 45 | 21.765° | Sat 20171104t054516 | 179 | 83.041° | Wed 20180321t120959 | 313 | 147.011° | Sun 20180806t143442 | 447 | 225.328° | Sat 20181222t065925 | 581 | 310.769° | 00:10:16.495 | 00:10:00 |
| Tue 20170620t140009 | 46 | 22.246° | Sun 20171105t062452 | 180 | 83.492° | Thu 20180322t124934 | 314 | 147.532° | Tue 20180807t151417 | 448 | 225.970° | Sun 20181223t073900 | 582 | 311.367° | Earth | Mars |
| Wed 20170621t143944 | 47 | 22.726° | Mon 20171106t070427 | 181 | 83.943° | Fri 20180323t123910 | 315 | 148.054° | Wed 20180808t155352 | 449 | 226.612° | Mon 20181224t081835 | 583 | 311.964° | 00:00:00.000 | 00:00:00 |
| Thu 20170622t151919 | 48 | 23.205° | Tue 20171107t074402 | 182 | 84.393° | Sun 20180324t130805 | 316 | 148.578° | Thu 20180809t163328 | 450 | 227.254° | Tue 20181225t085811 | 584 | 312.560° | 00:00:00.10.275 | 00:00:10 |
| Fri 20170623t155854 | 49 | 23.685° | Wed 20171108t082337 | 183 | 84.844° | Mon 20180326t004820 | 317 | 149.102° | Fri 20180810t171303 | 451 | 227.897° | Wed 20181226t093746 | 585 | 313.155° | 00:00:20.550 | 00:00:20 |
| Sat 20170624t163830 | 50 | 24.164° | Thu 20171109t09031 | | | | | | | | | | | | | |