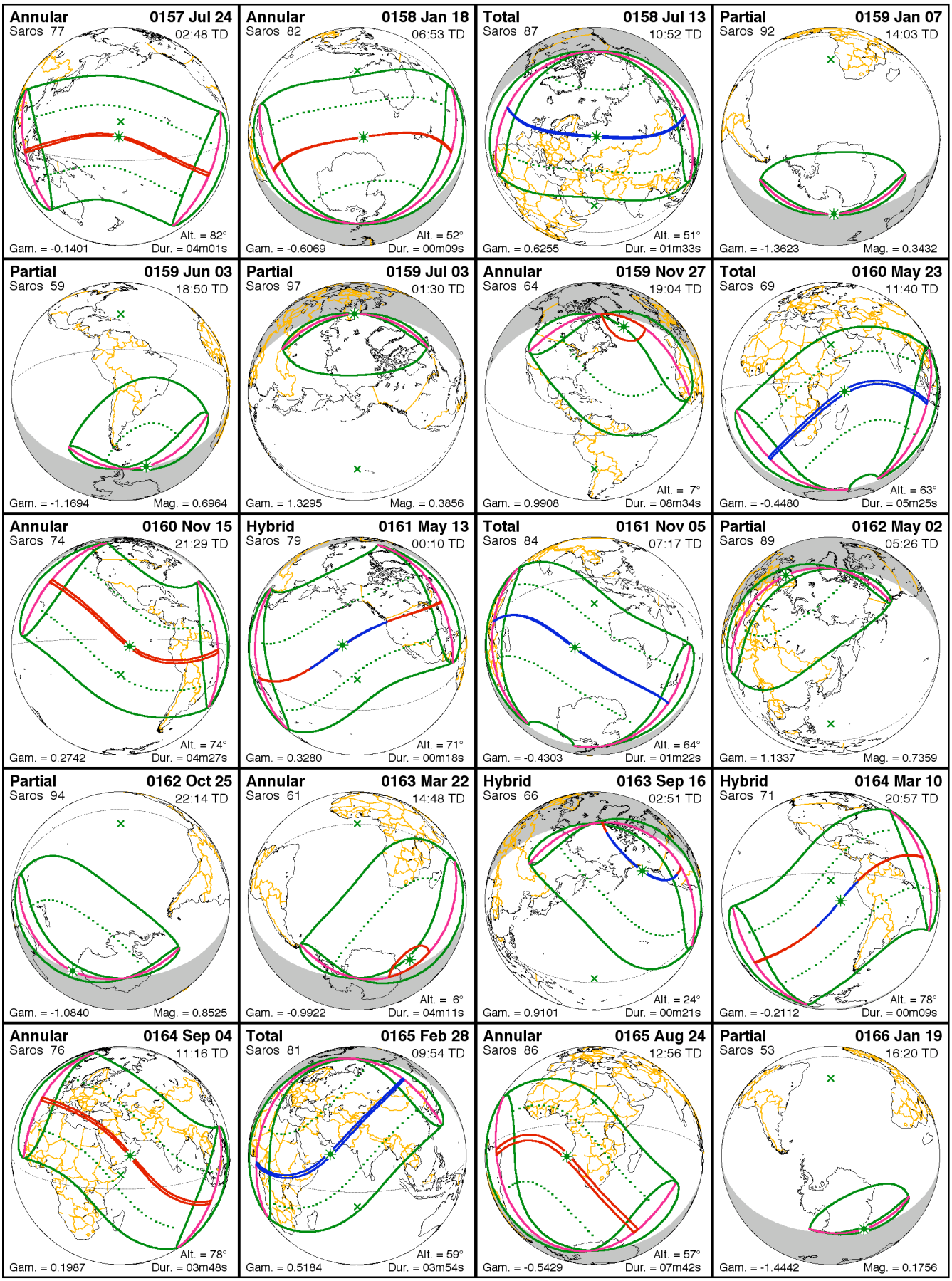
Annular 0157 Jul 24
Saros 77 02:48 TD
Alt. = 82°
Gam. = -0.1401 Dur. = 04m01s
Annular 0158 Jan 18
Saros 82 06:53 TD
Alt. = 52°
Gam. = -0.6069 Dur. = 00m09s
Total 0158 Jul 13
Saros 87 10:52 TD
Alt. = 51°
Gam. = 0.6255 Dur. = 01m33s
Partial 0159 Jan 07
Saros 92 14:03 TD
Gam. = -1.3623 Mag. = 0.3432
Partial 0159 Jun 03
Saros 59 18:50 TD
Gam. = -1.1694 Mag. = 0.6964
Partial 0159 Jul 03
Saros 97 01:30 TD
Gam. = 1.3295 Mag. = 0.3856
Annular 0159 Nov 27
Saros 64 19:04 TD
Alt. = 7°
Gam. = 0.9908 Dur. = 08m34s
Total 0160 May 23
Saros 69 11:40 TD
Alt. = 63°
Gam. = -0.4480 Dur. = 05m25s
Annular 0160 Nov 15
Saros 74 21:29 TD
Alt. = 74°
Gam. = 0.2742 Dur. = 04m27s
Hybrid 0161 May 13
Saros 79 00:10 TD
Alt. = 71°
Gam. = 0.3280 Dur. = 00m18s
Total 0161 Nov 05
Saros 84 07:17 TD
Alt. = 64°
Gam. = -0.4303 Dur. = 01m22s
Partial 0162 May 02
Saros 89 05:26 TD
Gam. = 1.1337 Mag. = 0.7359
Partial 0162 Oct 25
Saros 94 22:14 TD
Gam. = -1.0840 Mag. = 0.8525
Annular 0163 Mar 22
Saros 61 14:48 TD
Alt. = 6°
Gam. = -0.9922 Dur. = 04m11s
Hybrid 0163 Sep 16
Saros 66 02:51 TD
Alt. = 24°
Gam. = 0.9101 Dur. = 00m21s
Hybrid 0164 Mar 10
Saros 71 20:57 TD
Alt. = 78°
Gam. = -0.2112 Dur. = 00m09s
Annular 0164 Sep 04
Saros 76 11:16 TD
Alt. = 78°
Gam. = 0.1987 Dur. = 03m48s
Total 0165 Feb 28
Saros 81 09:54 TD
Alt. = 59°
Gam. = 0.5184 Dur. = 03m54s
Annular 0165 Aug 24
Saros 86 12:56 TD
Alt. = 57°
Gam. = -0.5429 Dur. = 07m42s
Partial 0166 Jan 19
Saros 53 16:20 TD
Gam. = -1.4442 Mag. = 0.1756