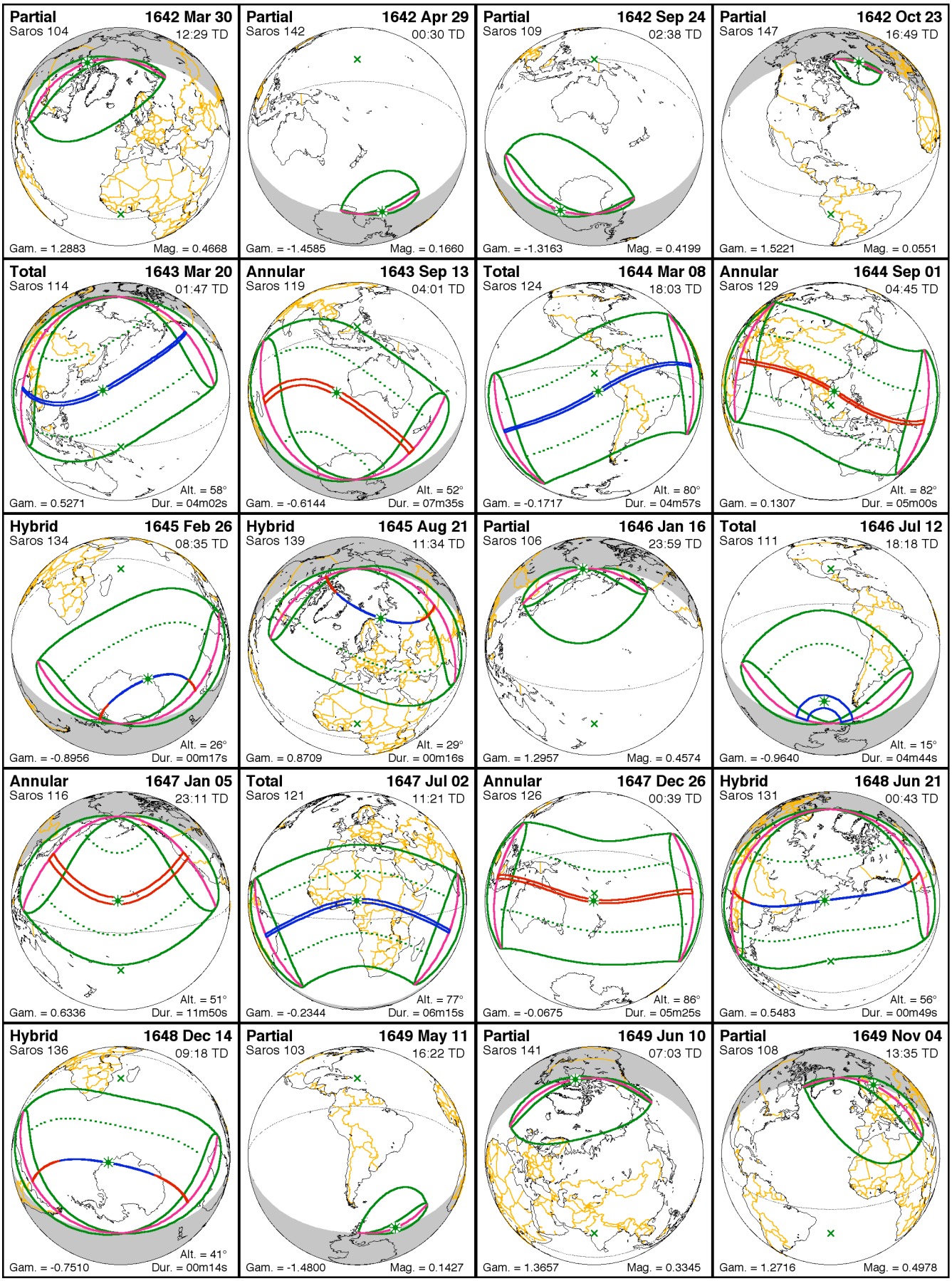
Partial 1642 Mar 30
Saros 104
12:29 TD
Gam. = 1.2883
Mag. = 0.4668
Partial 1642 Apr 29
Saros 142
00:30 TD
Gam. = -1.4585
Mag. = 0.1660
Partial 1642 Sep 24
Saros 109
02:38 TD
Gam. = -1.3163
Mag. = 0.4199
Partial 1642 Oct 23
Saros 147
16:49 TD
Gam. = 1.5221
Mag. = 0.0551
Total 1643 Mar 20
Saros 114
01:47 TD
Alt. = 58°
Gam. = 0.5271
Dur. = 04m02s
Annular 1643 Sep 13
Saros 119
04:01 TD
Alt. = 52°
Gam. = -0.6144
Dur. = 07m35s
Total 1644 Mar 08
Saros 124
18:03 TD
Alt. = 80°
Gam. = -0.1717
Dur. = 04m57s
Annular 1644 Sep 01
Saros 129
04:45 TD
Alt. = 82°
Gam. = 0.1307
Dur. = 05m00s
Hybrid 1645 Feb 26
Saros 134
08:35 TD
Alt. = 26°
Gam. = -0.8956
Dur. = 00m17s
Hybrid 1645 Aug 21
Saros 139
11:34 TD
Alt. = 29°
Gam. = 0.8709
Dur. = 00m16s
Partial 1646 Jan 16
Saros 106
23:59 TD
Gam. = 1.2957
Mag. = 0.4574
Total 1646 Jul 12
Saros 111
18:18 TD
Alt. = 15°
Gam. = -0.9640
Dur. = 04m44s
Annular 1647 Jan 05
Saros 116
23:11 TD
Alt. = 51°
Gam. = 0.6336
Dur. = 11m50s
Total 1647 Jul 02
Saros 121
11:21 TD
Alt. = 77°
Gam. = -0.2344
Dur. = 06m15s
Annular 1647 Dec 26
Saros 126
00:39 TD
Alt. = 86°
Gam. = -0.0675
Dur. = 05m25s
Hybrid 1648 Jun 21
Saros 131
00:43 TD
Alt. = 56°
Gam. = 0.5483
Dur. = 00m49s
Hybrid 1648 Dec 14
Saros 136
09:18 TD
Alt. = 41°
Gam. = -0.7510
Dur. = 00m14s
Partial 1649 May 11
Saros 103
16:22 TD
Gam. = -1.4800
Mag. = 0.1427
Partial 1649 Jun 10
Saros 141
07:03 TD
Gam. = 1.3657
Mag. = 0.3345
Partial 1649 Nov 04
Saros 108
13:35 TD
Gam. = 1.2716
Mag. = 0.4978