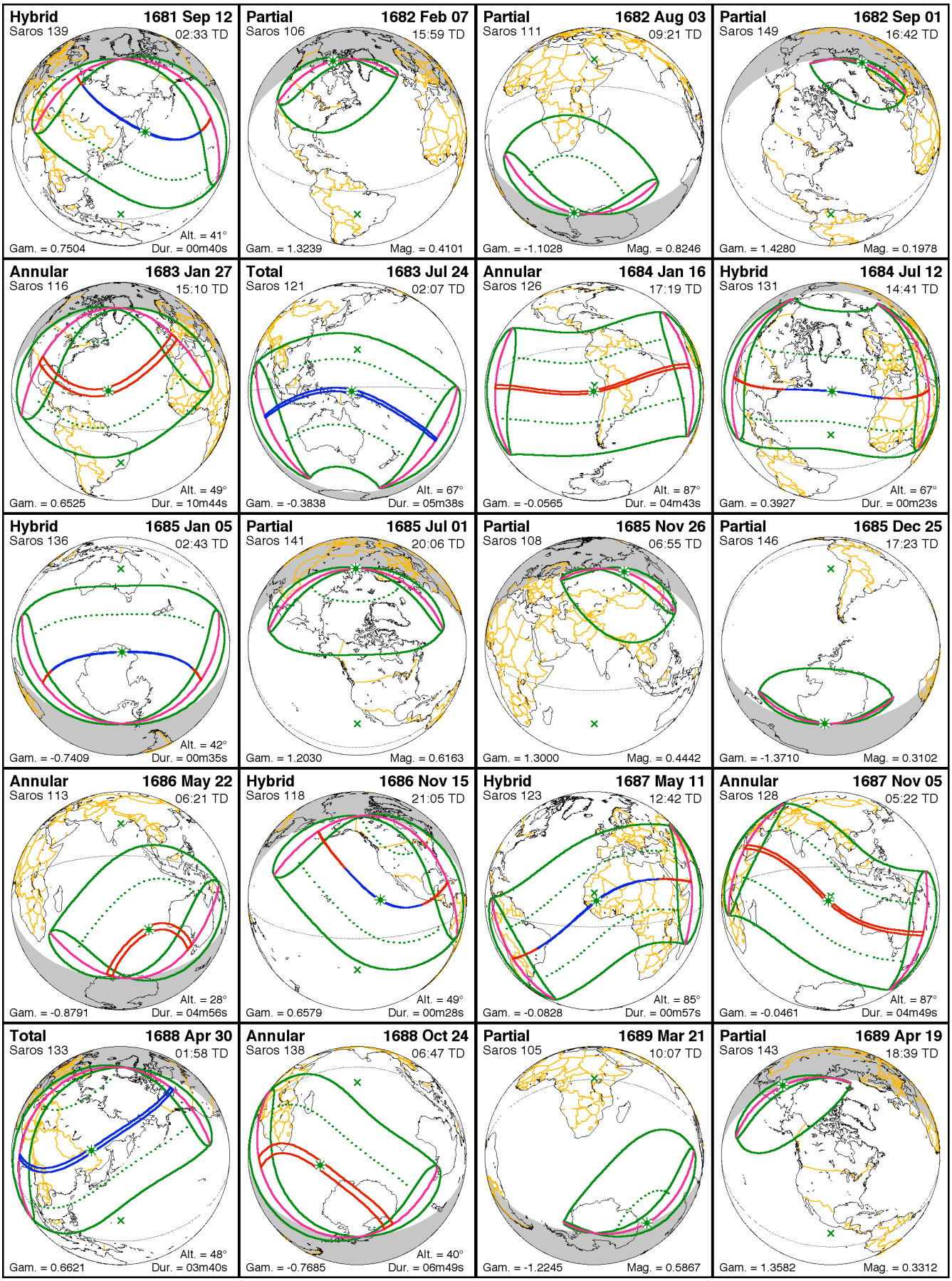
Hybrid 1681 Sep 12
Saros 139 02:33 TD
Alt. = 41°
Gam. = 0.7504 Dur. = 00m40s
Partial 1682 Feb 07
Saros 106 15:59 TD
Gam. = 1.3239 Mag. = 0.4101
Partial 1682 Aug 03
Saros 111 09:21 TD
Gam. = -1.1028 Mag. = 0.8246
Partial 1682 Sep 01
Saros 149 16:42 TD
Gam. = 1.4280 Mag. = 0.1978
Annular 1683 Jan 27
Saros 116 15:10 TD
Alt. = 49°
Gam. = 0.6525 Dur. = 10m44s
Total 1683 Jul 24
Saros 121 02:07 TD
Alt. = 67°
Gam. = -0.3838 Dur. = 05m38s
Annular 1684 Jan 16
Saros 126 17:19 TD
Alt. = 87°
Gam. = -0.0565 Dur. = 04m43s
Hybrid 1684 Jul 12
Saros 131 14:41 TD
Alt. = 67°
Gam. = 0.3927 Dur. = 00m23s
Hybrid 1685 Jan 05
Saros 136 02:43 TD
Alt. = 42°
Gam. = -0.7409 Dur. = 00m35s
Partial 1685 Jul 01
Saros 141 20:06 TD
Gam. = 1.2030 Mag. = 0.6163
Partial 1685 Nov 26
Saros 108 06:55 TD
Gam. = 1.3000 Mag. = 0.4442
Partial 1685 Dec 25
Saros 146 17:23 TD
Gam. = -1.3710 Mag. = 0.3102
Annular 1686 May 22
Saros 113 06:21 TD
Alt. = 28°
Gam. = -0.8791 Dur. = 04m56s
Hybrid 1686 Nov 15
Saros 118 21:05 TD
Alt. = 49°
Gam. = 0.6579 Dur. = 00m28s
Hybrid 1687 May 11
Saros 123 12:42 TD
Alt. = 85°
Gam. = -0.0828 Dur. = 00m57s
Annular 1687 Nov 05
Saros 128 05:22 TD
Alt. = 87°
Gam. = -0.0461 Dur. = 04m49s
Total 1688 Apr 30
Saros 133 01:58 TD
Alt. = 48°
Gam. = 0.6621 Dur. = 03m40s
Annular 1688 Oct 24
Saros 138 06:47 TD
Alt. = 40°
Gam. = -0.7685 Dur. = 06m49s
Partial 1689 Mar 21
Saros 105 10:07 TD
Gam. = -1.2245 Mag. = 0.5867
Partial 1689 Apr 19
Saros 143 18:39 TD
Gam. = 1.3582 Mag. = 0.3312