

AVERAGE HOURLY VARIATIONS OF THE SUN'S DECLINATION

Dates	d	Dates	d
January 1 to 3	0.2' N	July 6 to 11	0.3' S
January 4 to 8	0.3' N	July 12 to 18	0.4' S
January 9 to 14	0.4' N	July 19 to 25	0.5' S
January 15 to 20	0.5' N	July 26 to August 2	0.6' S
January 21 to 27	0.6' N	August 3 to 11	0.7' S
January 28 to February 3	0.7' N	August 12 to 23	0.8' S
February 4 to 13	0.8' N	August 24 to September 10	0.9' S
February 14 to 28/29	0.9' N	September 11 to October 8	1.0' S
March 1 to April 4	1.0' N	October 9 to 26	0.9' S
April 5 to 20	0.9' N	October 27 to November 5	0.8' S
April 21 to May 1	0.8' N	November 6 to 13	0.7' S
May 2 to 10	0.7' N	November 14 to 20	0.6' S
May 11 to 17	0.6' N	November 21 to 27	0.5' S
May 18 to 24	0.5' N	November 28 to December 2	0.4' S
May 25 to 31	0.4' N	December 3 to 8	0.3' S
June 1 to 6	0.3' N	December 9 to 13	0.2' S
June 7 to 12	0.2' N	December 14 to 18	0.1' S
June 13 to 17	0.1' N	December 19 to 23	0.0'
June 18 to 23	0.0'	December 24 to 29	0.1' N
June 24 to 29	0.1' S	December 30 to January 3	0.2' N
June 30 to July 5	0.2' S		

Depending on the year, some transition dates for the 0.1' change in hourly variation may shift by up to one day compared with the dates indicated in the table above.