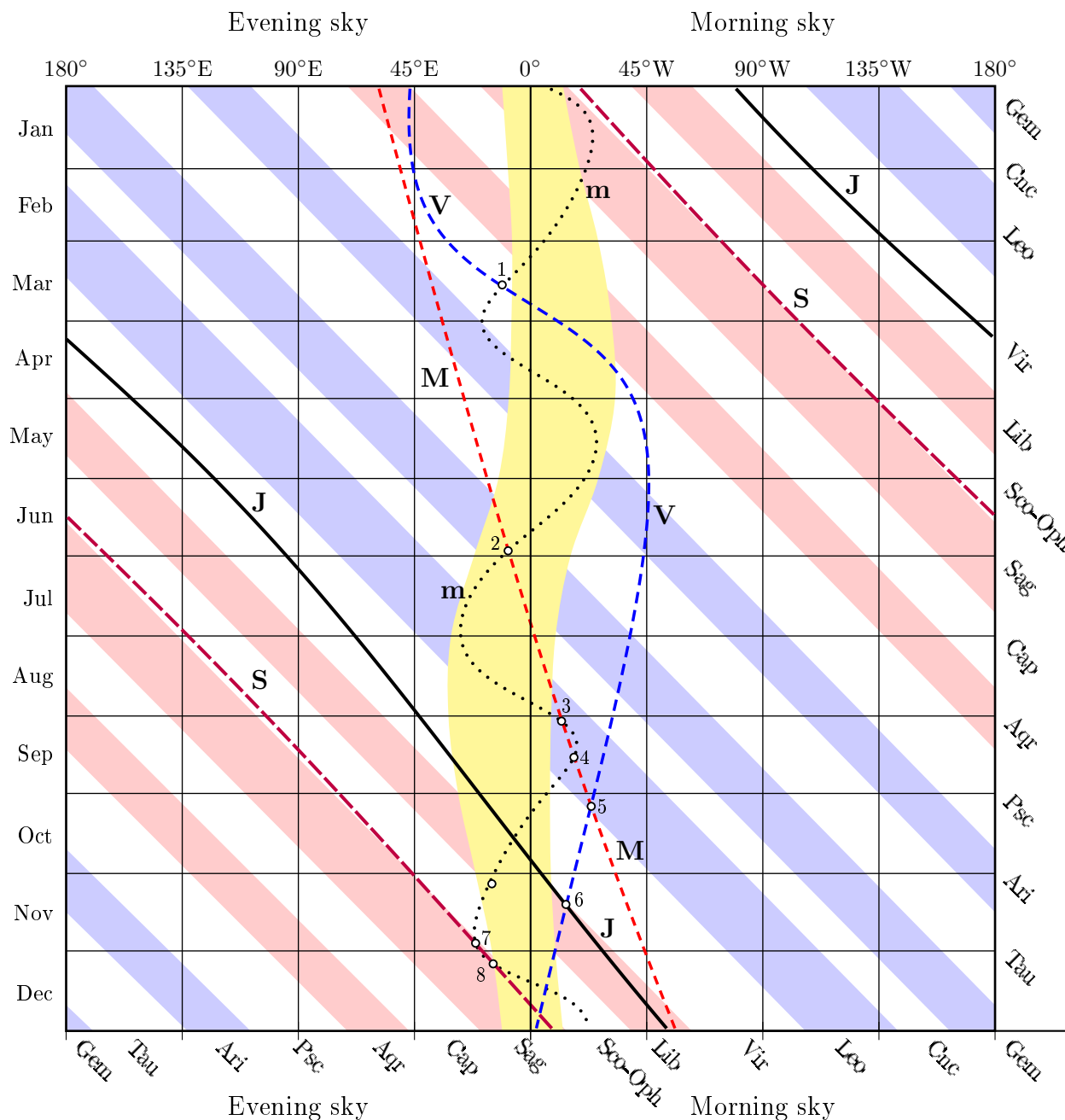


# Planets in 2017



Elongation chart for 2017 centred on the Sun. The planets shown are Mercury (m), Venus (V), Mars (M), Jupiter (J) and Saturn (S). Intersections of the lines indicate planetary conjunctions. The yellow band indicates the reach of civil twilight from 55°N. Planets inside this region are generally too close to the Sun to be easily observed and so not all possible conjunctions are listed.

The design of this chart is based on those given in Antonín Růkl's book "Amateur Astronomer" (1985).

List of conjunctions (in ecliptic longitude) for the numbered events shown on the elongation chart above. Conjunctions occurring too close to the Sun are not listed.

	<i>Date and time</i>	<i>North</i>	<i>South</i>	<i>Separation</i>	<i>Constellation</i>	<i>Elongation</i>
1	March 18 (12 UT)	Venus	Mercury	8°33'	Pisces	13°E
2	June 28 (19 UT)	Mercury	Mars	0°47'	Gemini	9°E
3	September 03 (09 UT)	Mars	Mercury	3°25'	Leo	13°W
4	September 12 (19 UT)	Mercury	Mars	0°03'	Leo	17°W
5	October 5 (16 UT)	Venus	Mars	0°12'	Leo	24°W
6	November 13 (08 UT)	Venus	Jupiter	0°44'	Leo	14°W
7	November 28 (07 UT)	Saturn	Mercury	3°04'	Sagittarius	21°E
8	December 6 (12 UT)	Saturn	Mercury	1°20'	Sagittarius	14°E