

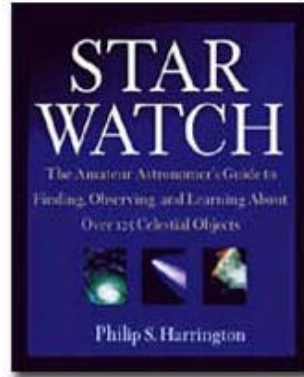
Planetary Conjunctions:

2003-2015

Supplemental material from *Star Watch*

by Philip S. Harrington (John Wiley & Sons, 2003)

<http://www.philharrington.net>



Here are some selected close conjunctions between planets or a planet and the Moon occurring between 2003 and 2015. Their appearance can be quite striking through binoculars or just with the eye alone.

Objects involved	Date	Separation (degrees)	Objects involved	Date	Separation (degrees)
2003			2009		
Mercury/Venus	June 21	0.4	Mars/Jupiter	February 17	0.6
Venus/Saturn	July 8	0.8	Mercury/Jupiter	February 24	0.6
Moon/Mars	July 17	0.6	Mercury/Mars	March 2	0.6
Mercury/Jupiter	July 26	0.4	Venus/Mars	June 21	2.0
Venus/Jupiter	August 21	0.5	Mercury/Saturn	October 8	0.3
2004			Venus/Saturn	October 13	0.5
Mercury/Mars	July 11	0.3	2010		
Mars/Jupiter	September 27	0.2	Venus/Jupiter	February 17	0.6
Mercury/Jupiter	September 29	0.7	Mercury/Saturn	October 8	0.6
Mercury/Mars	September 30	0.9	Moon/Venus	November 5	0.7
Venus/Jupiter	November 5	0.6	2011		
2005			Mercury/Mars	April 19	0.8
Mercury/Venus	January 13	0.3	Mars/Jupiter	May 1	0.4
Mercury/Venus	June 27	0.1	Venus/Jupiter	May 11	0.7
Moon/Venus	August 8	0.8	Venus/Mars	May 23	1.0
2006			Moon/Venus	June 30	0.7
Mars/Saturn	June 8	0.6	2012		
Mercury/Saturn	August 21	0.7	Mercury/Jupiter	May 22	0.4
Venus/Saturn	August 27	0.3	Moon/Jupiter	June 17	0.5
Mercury/Mars	September 15	0.5	Venus/Saturn	November 27	0.6
Venus/Mars	October 25	0.7	2013		
Mercury/Mars	November 11	0.8	Mercury/Mars	February 8	0.4
Venus/Jupiter	November 16	0.6	Venus/Mars	April 7	0.6
Mercury/Mars	December 10	1.0	Mercury/Mars	May 8	0.5
Mercury/Jupiter	December 10	0.6	Mars/Jupiter	July 22	0.8
Mars/Jupiter	December 11	0.8	Moon/Mercury	November 3	0.5
2007			Mercury/Saturn	November 26	0.4
Moon/Saturn	March 29	0.9	2014		
Venus/Saturn	July 1	0.7	Moon/Saturn	April 28	0.9
Mercury/Saturn	August 18	0.7	Venus/Jupiter	August 18	0.2
2008			2015		
Venus/Jupiter	February 1	0.6	Mercury/Venus	January 11	0.6
Mercury/Venus	March 24	1.0	Venus/Mars	February 22	0.4
Moon/Mars	April 12	0.5	Venus/Jupiter	July 1	0.3
Mars/Saturn	July 10	0.7	Mercury/Mars	July 16	0.2
Venus/Saturn	August 13	0.5	Mercury/Jupiter	August 7	0.5
Mercury/Saturn	August 16	1.0	Mars/Jupiter	October 18	0.4
Mercury/Venus	August 21	0.9	Venus/Mars	November 3	0.7
Venus/Mars	September 12	0.3			
Mercury/Mars	November 29	0.6			