

Table of Interplanetary Conjunctions during the year 1887.

	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune
Mercury	x	Sept. 15	Feb. 23 March 15 May 21	Oct. 13 Nov. 23 Dec. 3	June 20	Sept. 24	May 23
Venus	Sept. 15	x	Feb. 9			Nov. 23	April 15
Mars	Feb. 23 March 15 May 21	Feb. 9	x		Aug. 28		
Jupiter	Oct. 13 Nov. 23 Dec. 3			x			
Saturn	June 20		Aug. 28		x		
Uranus	Sept. 24	Nov. 23				x	
Neptune	May 23	April 15					x

OCCULTATIONS.

There will be four occultations of planets by the Moon, one of Mercury, April 20; one of Mars, November 10; and two of Saturn, November 7th and December 3rd, as has been already noticed, in addition to which, two conspicuous stars of the first magnitude, Aldebaran, in the head of the Bull, and Regulus, in the head of the Lion, will be occulted, the former twelve, the latter eleven times; but of these the only cases favorable for observation will be, of Aldebaran, January 6th, 9h. 9m. p. m., March 29th, 7h. 50m. p. m., October 6th, 11h. 30m. p. m., November 3rd, 5h. 18m. a. m., and December 27th, 7h. 10m. p. m., (five times); of Regulus, February 8th, 8h. 28m. p. m., May 2nd, 2h. 12m. a. m., and October 13th, 1h. 52m. a. m.; all the others will occur either in the day time or when the Moon is below the horizon. The occultation of Regulus on Feb. 8th and May 2nd will only appear in the latitude of P. E. Island as near approach, the Moon passing about half its diameter to the south of the Star.

The importance and interest attached to these occultations is due to the bearing they have upon the question of whether or not the Moon has an atmosphere.