

Naked Eye Astronomy Retreat

Saturday, July 5, 2008; 6:30 – 11:00 PM
Palomar Mountain

Join astrologer, and star lore enthusiast Ed Kohout for a rare alignment of Mars, Saturn, Regulus, and the crescent Moon from a lookout on Palomar Mountain.

Mars and Saturn get together about every two years, and Saturn will be moving away from Leo's brightest star this year, not returning until 2036!

The crescent moon is three days old, and will "line up" with the other bright stars.

Regulus is the brightest star in the constellation Leo, and one of the sky's 25 brightest stars. Ancient astronomers were able to calculate that Regulus lay directly in the path of the Sun, Regulus was positioned at the point of the Summer Solstice when the Egyptians were building their great pyramids, and thus Leo became the "house of the Sun." Modern astrologers still ascribe the Sun as "ruler" of the sign Leo.

Ed will speak on the mythological aspects of what we are seeing, and will instruct

everyone on how to orient one's self using the night sky.

\$10.00 cost includes star maps, lore guide, and personal instruction. Donations will be used for the Library's Capital Campaign Fund. Transportation to the mountain lookout is provided. Bring your favorite lawn chair!

We will meet at The Philosophical Library, 2091 E, Valley Parkway, Escondido, CA, and leave promptly at 6:45 to arrive at the lookout by sunset.

No telescopes will be used; each participant is urged to use only their own eyes and imagination to re-discover the whole of the night sky – just as the pioneering astrologers of ancient civilizations did. Of course, anyone is free to supply their own telescope, and binoculars are also a great idea, but the point of all this is to embrace the immense beauty and wonderment of the heavens without filters.

Questions can be directed to Ed:
(760) 644-5461

Itinerary

6:30 PM:
Check-in at Philosophical Library

6:45 PM:
Depart for Mountain viewing station

7:40 PM:
Arrive at Mountain, set up.

10:30 PM:
Depart Mountain

11:20 PM:
Arrive back at Philosophical Library

Celestial Events for Saturday,
July 5, 2005:

19:58	Sun sets
20:05	Jupiter rises
20:27	End of civil twilight
20:29	Venus sets
21:02	End of nautical twilight
21:40	End of astronomical twilight
22:13	Moon sets
22:41	Mars sets
22:50	Saturn sets

