





ASTRONOMICAL DIARY

PREPARED BY ASTRONOMICAL PUBLICATION AND PLANETARIUM UNIT, SPACE SCIENCE AND ASTRONOMY SECTION

ASTRONOMICAL EVENTS, FEBRUARY 2025

DATE	EVENT	TIME
01	Close approach of the Moon and Saturn	12:01 p.m.
01	Conjunction of the Moon and Saturn	12:52 p.m.
02	Moon at Perigee (Distance = 367,508.427 km)	02:10 a.m.
02	Conjunction of the Moon and Venus	04:27 a.m.
02	Close approach of the Moon and Venus	06:24 a.m.
04	Jupiter ends retrograde motion	05:38 p.m.
07	Close approach of the Moon and Jupiter	10:01 a.m.
07	Conjunction of the Moon and Jupiter	11:35 a.m.
08	α -Centaurid meteor shower (ZHR = 6)	---
10	Conjunction of Waxing Gibbous Moon and Mars	03:36 a.m.
10	Close approach of Waxing Gibbous Moon and Mars	03:49 a.m.
16	Venus at greatest brightness	04:58 p.m.
16-22	National Astronomy Week	---
18	Moon at Apogee (Distance = 404,817.433 km)	09:10 a.m.
21-28	Planetary alignment of Mercury, Saturn, Neptune, Venus, Uranus, Jupiter, and Mars	---
24	Mars ends retrograde motion	10:02 a.m.

PHASES OF THE MOON

	First Quarter Feb 05 04:02 p.m.
	Full Moon Feb 12 09:53 p.m.
	Last Quarter Feb 21 01:32 a.m.
	New Moon Feb 28 08:45 a.m.

RISE AND SET TIMES OF PLANETS

DATE	MERCURY		VENUS		MARS		JUPITER		SATURN	
	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Feb 01	06:07 am	05:29 pm	08:55 am	09:00 pm	04:08 pm	05:14 am*	01:22 pm	02:17 am*	08:32 am	08:21 pm
Feb 11	06:32 am	06:05 pm	08:34 am	08:49 pm	03:18 pm	04:25 am*	12:43 pm	01:38 am*	07:56 am	07:46 pm
Feb 21	06:53 am	06:42 pm	08:06 am	08:27 pm	02:35 pm	03:40 am*	12:05 pm	01:00 am*	07:20 am	07:11 pm
Feb 28	07:04 am	07:05 pm	07:40 am	08:04 pm	02:07 pm	03:12 am*	11:40 am	12:35 am*	06:56 am	06:47 pm



NATIONAL ASTRONOMY WEEK

“Stellar Encounters: Astronomy in Daily Life (in Music, in Arts, in Film, in Climate Change and in Mental Health)”

The Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA) is mandated to lead the annual celebration of the National Astronomy Week (NAW). This is in accordance with Presidential Proclamation No. 130, dated 24 January 1993, declaring every third week of February as "National Astronomy Week". This 2025, the 32nd National Astronomy Week will be on 16-22 February with the theme "Stellar Encounters: Astronomy in Daily Life (In Music, in Arts, In Film, In Climate Change, and in Mental Health)".

The theme for the 32nd NAW celebration aims to showcase Astronomy as part of our daily lives through music, arts, and film. As well as raising awareness of Climate Change and Mental Health through Astronomy.

Notes:

[1] All times displayed are in Philippine Standard Time (PhST); [2] *following day

“tracking the sky...helping the country”

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