

Asteroid/Minor Planet (4) Vesta

Sightings in December 2023, January & February 2024

Vesta Opposition: December 21, 2023, 13:56 EST

Full Moon: December 26, 2023, 19:53 EST

New Moon: January 11, 2024, 06:57 EST

New Moon: February 9, 2024, 17:59 EST

Date 2023/24	Time EST	Location New Jersey	Instrument	Moon illum/altitude
Dec 15	01:05	Wharton SF	12x50	7%, not up
Dec 19	20:35 23:35	Acme Lot, MS Front Yard	12x50 12x50	53%, 37° 54%, 8°
Dec 21	00:11 23:05	Back Patio Front Yard	12x50 12x50	65%, 14° 75%, 39°
Dec 29	21:05 21:30	Front Yard Front Yard	12x50 (uncertain) 88 mm scope (yes)	91%, 18° 90%, 23°
Dec 30	20:03	Front Porch	12x50	85%, not up
Jan 01	22:31	Front Porch	12x50	68%, 1°
Jan 02	19:19 20:17 22:00	Bishops Gate Collins Lane Wharton SF	15x56 15x56 15x56 & 88 mm	60%, not up 60%, not up 59%, not up
Jan 04	20:20	Wharton SF Y Tau (red)	15x56 later: 8x42, 12x50, 88 mm & 12.5 inch	41%, not up; saw Y Tau (red) nearby in scopes
Jan 05	19:00	Front Yard	12x50	32%, not up
Jan 08*	19:30	Barnegat	15x56, 12.5 inch	8%, not up
Jan 12	01:40	Wharton SF (+ Zeta & M1)	88 mm, 12x50, 12.5 inch	1%, not up
Jan 13	21:15	Front Yard	12x50	9%, not up
Jan 14	21:05	Front Porch	15x56	17%, not up
Feb 04	18:35	Barnegat	15x56, 88 mm	30%, not up
Feb 07	18:40	Wharton SF	12x50	6%, not up
Feb 09	19:30	Barnegat	12x50	0%, not up

* On Jan 8, Vesta was just 11.3 arc minutes from Zeta Tauri; Vesta, Zeta and M1 were in the same binocular and telescopic field of view.