

Solar System Lineup Observed, June 25-26, 2022

Atsion Field, Wharton State Forest, Shamong Twp, NJ

Swede Run Fields, Moorestown Twp, NJ

Object	Magnitude	Rise, EDT	Spotted	Location	Instrument
C/2017 K2 (PANSTARRS)	≈ +9	6:05 pm	10:00 pm	Atsion	16-inch, 101x
Saturn	+0.6	11:18 pm	12:10 am	Atsion	naked eye
(134340) Pluto	+14.3	10:02 pm	1:40 am	Atsion	16-inch, 273x
(4) Vesta	+7.1	12:06 am	1:47 am	Atsion	15x56
Neptune	+7.9	12:34 am	1:55 am	Atsion	15x56
Jupiter	-2.5	1:01 am	2:01 am	Atsion	naked eye
Mars	+0.5	1:44 am	2:40am	Atsion	naked eye
Uranus	+5.8	2:41 am	3:30 am	Swede Run	15x56
Moon	6.7% illum	3:31 am	3:44 am	Swede Run	15x56
Venus	-3.9	3:39 am	3:52 am	Swede Run	15x56
ISS	-3.0 peak	4:20 am*	4:20 am	Swede Run	naked eye
Mercury	-0.3	4:19 am	4:32 am	Swede Run	15x56

* exited earth's shadow

June 25, Sunset Atsion:	8:31 pm	June 26, A. Twilight Beg:	3:30 am
June 25, A. Twilight Ends:	10:33 pm	June 26, Sunrise, Swede Run:	5:33 am

Visual Observations by Joe Stieber