

2019 Astronomical Events Phoenix, AZ

Note: The dates and times provided below are for Phoenix, Arizona. You may need to make appropriate time adjustments based on where you live. Get the latest update to this document at www.ArtCentrics.com in the Astronomy section

More References

- [2019 Meteor Showers](#)

Date	Event	Images	Equipment	References	Comments
2018.12.14 (Fri-AM)	Geminids Meteor Shower			TimeAndDate.com	Moon 41% illuminated MoonRise = 2:31AM Peak Time: 5 AM Peak Rate (ZHR) = 120/hr Velocity: 36km/s Center: RA=07h 28m DEC=+33°
2018.12.16 (Sun)	Comet 46P/Wirtanen & Pleiades			TheSky	Thurs- Fri Should pass Pleiades Dec 16. 12 th -18th
2019.01.03 (Wed-PM)	Quadrantids Meteor Shower			TimeAndDate.com	Moon -5% illuminated MoonRise = 5:22AM Peak Time: 1 PM Peak Rate (ZHR) = 120/hr Velocity: 43km/s Center: RA=15h 20m DEC=+49°
2019.01.05 (Sat)	New Moon		None		
2019.01.20 (Sun-PM)	Total Lunar Eclipse		None	TimeAndDate.com	Begin: 08:33:55 PM End: 11:50:42 PM Begin Alt: 087° +34° End Alt: 136°, +72°
2019.01.21 (Mon)	Full Moon		None		
2019.01.31 (Thu-AM)	Venus & Moon		Hyperstar		11 am
2019.02.04 (Mon)	New Moon		None		
2019.02.17 (Sun-PM)	Moon & M44		Hyperstar		09pm
2019.02.19 (Tues)	Full Moon		None		
2019.03.01 (Fri-AM)	Moon & Saturn		Hyperstar		11 am
2019.03.06 (Wed)	New Moon		None		
2019.03.20 (Wed)	Full Moon		None		

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2019.03.25 (Mon-AM)	Jupiter: Double Transit		Telescope		01:06am
2019.03.29(Fri-AM)	Moon & Pluto		C-11 PF		05:00am (Primary Focus Config)
2019.04.05 (Fri)	New Moon		None		
2019.04.19 (Fri)	Full Moon		None		
2019.04.23 (Tues-AM)	Moon and Jupiter		C-11 HS		5:00am (Hyperstar Configuration)
2019.04.25 (Thu-AM)	Moon and Saturn		C-11 HS		07:00am (Hyperstar Configuration)
2019.05.04 (Sat)	New Moon		None		
2019.05.06 (Mon-AM)	n-Aquariids Shower		None	TimeAndDate.com	Moon 2% illuminated MoonRise = 6:20AM Peak Time: 1 AM Peak Rate (ZHR) = 60/hr Velocity: 66km/s Center: RA=22h 30m DEC=-2°
2019.05.18 (Sat)	Full Moon		None		
2019.06.03 (Mon)	New Moon		None		
2019.06.16 (Sun-PM)	Jupiter at Opposition		Telescope		Best time of year for imaging Jupiter
2019.06.17 (Mon)	Full Moon		None		
2019.06.18 (Tues-AM)	Mercury and Mars		C-11 PF		7:30am C-11 Primary Focus
2019.07.02 (Tues)	New Moon		None		
2019.07.09 (Tues)	Saturn at Opposition		Telescope		Bet time of year for imaging Saturn
2019.07.16 (Tues)	Full Moon		None		
2019.07.15 (Mon)	Moon and Saturn		C-11 HS		11pm-1am (Hyperstar Config)
2019.08.01 (Thur)	New Moon		None		
2019.08.15 (Thur)	Full Moon		None		
2019.08.30 (Fri)	New Moon		None		
2019.09.08 (Thu-PM)	Neptune at Opposition		Telescope		Best time of year for viewing Neptune
2019.09.14 (Sat)	Full Moon		None		
2019.09.28 (Sat)	New Moon		None		
2019.10.08 (Sun-PM)	Uranus at Opposition		Telescope		Best time of year for viewing Uranus
2019.10.13 (Sun)	Full Moon		None		
2019.10.28 (Mon)	New Moon		None		
2019.11.11 (Mon-AM)	Mercury Transit		TBD	TimeAndDate.com Celestial Delights p88	sunrise to 11:04am
2019.11.12 (Tues)	Full Moon		None		

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2019.11.26 (Tues)	New Moon		None		
2019.12.12 (Thur)	Full Moon		None		
2019.12.26 (Thur)	New Moon		None		
2019.12.28 (Sat-PM)	Venus and Moon		C-11 HS		6-7pm (Hyperstar Config)