



What to see in February 2018?

Summary

Planned observing sessions and events

The Moon

Inner Planets

Outer Planets

Meteor Showers

Comets

ISS

Planned Observing Sessions and Events

Thu 1st February @ 19:30 – WHS Lecture on Kew Observatory, BRLSI

Fri 9th Sat 10th February @ 09:30 – European Astrofest, Kensington Conference Centre, London

Sun 11th February @ 18:30 – Wellow public car park

Sat 17th February @ 18:30 – Wellow public car park

Wed 21st February @ 20:15 – Explore the Galaxy 3D, Bristol Planetarium, We the Curious, Bristol

The Moon

New Moon	First Quarter	Full Moon	Last Quarter
Wed 17 Jan 02:18	Wed 24 Jan 22:20	Wed 31 Jan 13:27	Wed 7 Feb 15:55
Thu 15 Feb 21:06	Fri 23 Feb 08:09	Fri 2 Mar 00:52	Fri 9 Mar 11:22

No Full Moon this month

Partial Solar Eclipse in Southern Hemisphere on 15th

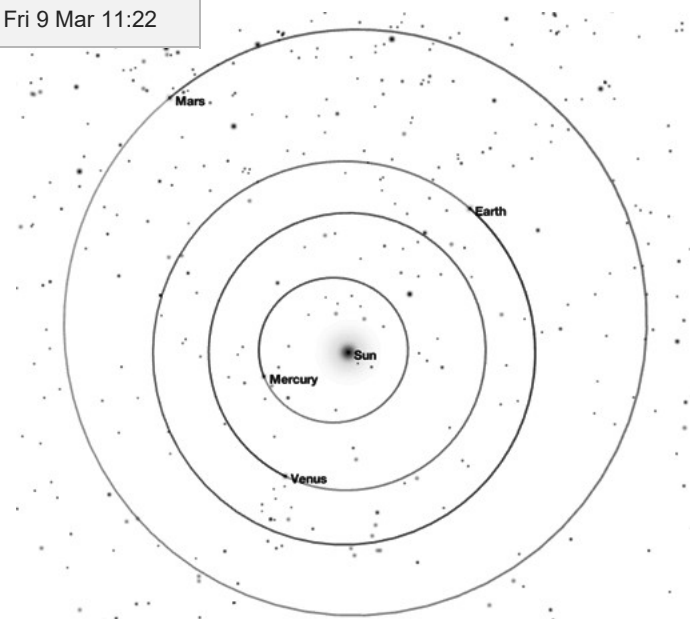
Thin crescent in East shown by Venus on 16th

Lunar 'X' and 'V' on 22nd

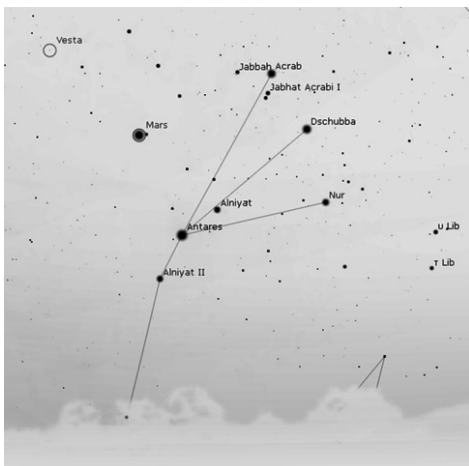
Aldebaran occultation on 23rd around 16:30

Inner Planets

Mercury is lost to the Sun at present



Venus is becoming an evening star with separation increasing from the Sun as the month progresses



Mars is a morning object rising around 03:00 behind much brighter Jupiter in the Southeast

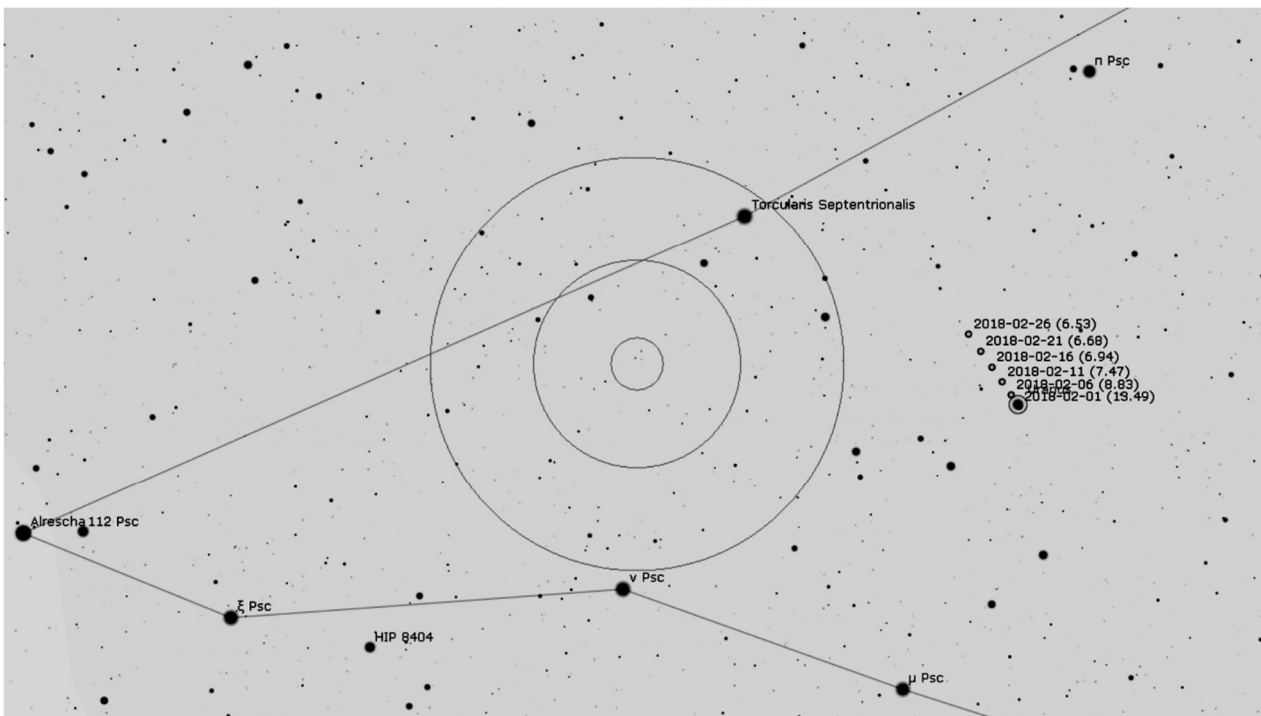
Outer Planets

Jupiter is a morning object rising around 02:30 in the Southeast

Ganymede transits of Jupiter on 10th. Its shadow will do the same on 17th and 24th

Saturn is a morning object rising at 06:00 in the Southeast just before dawn and is close to New Moon on 11th

Uranus is an evening object trundling through Pisces



Neptune is lost to the Sun at present

Meteor Showers

No bright meteor showers expected this month

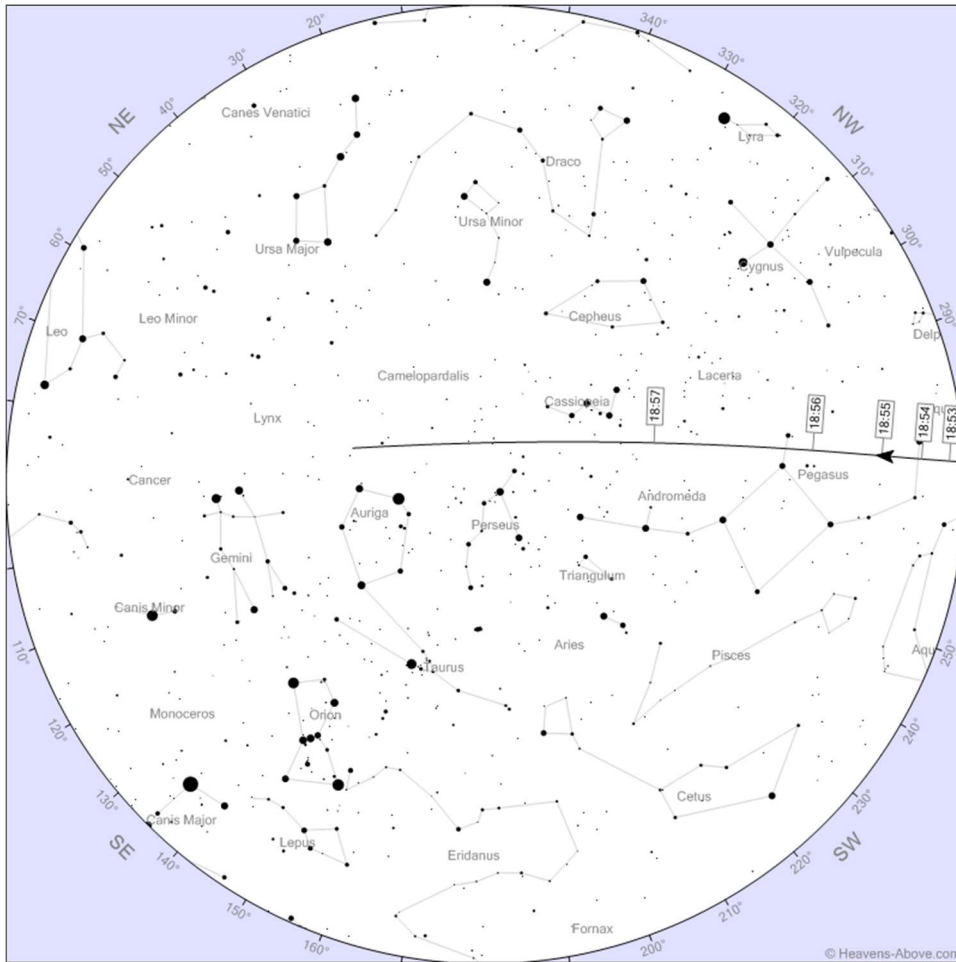
Comets

No bright comets to report

Comet	Mag.	Status	Hemisphere	Visible
Heinze (2017 T1)	10.5	Fading	90 N to 5 S	All night
PanSTARRS (2016 R2)	11.5	Steady	85 N to 50 S	Evening
62P/Tsuchinshan	12	Fading	65 N to 45 S	Morning
24P/Schaumasse	12	Fading	55 N to 35 S	Morning
PanSTARRS (2016 N6)	12.5	Brightening	90 N to 10 N	Morning
Johnson (2015 V2)	12.5	Fading	Poor elongation	Poor elongation

International Space Station (ISS)

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
01 Feb	-3.9	19:02:43	10°	W	19:05:58	85°	NNW	19:05:58	85°	NNW	visible
02 Feb	-3.9	18:10:16	10°	WSW	18:13:32	83°	S	18:15:40	20°	E	visible
02 Feb	-1.5	19:46:47	10°	W	19:48:18	25°	W	19:48:18	25°	W	visible
03 Feb	-4.0	18:54:17	10°	W	18:57:34	82°	N	18:57:59	65°	ENE	visible
04 Feb	-3.9	18:01:48	10°	W	18:05:05	84°	N	18:07:40	15°	E	visible
04 Feb	-2.2	19:38:17	10°	W	19:40:19	34°	W	19:40:19	34°	W	visible
05 Feb	-3.9	18:45:47	10°	W	18:49:04	88°	SSW	18:50:00	44°	ESE	visible
05 Feb	-0.4	20:22:22	10°	W	20:22:39	12°	W	20:22:39	12°	W	visible
06 Feb	-3.8	17:53:16	10°	W	17:56:34	83°	N	17:59:44	11°	E	visible
06 Feb	-2.7	19:29:47	10°	W	19:32:23	42°	WSW	19:32:23	42°	WSW	visible
07 Feb	-3.6	18:37:14	10°	W	18:40:29	66°	SSW	18:42:10	26°	ESE	visible
07 Feb	-0.7	20:14:08	10°	W	20:14:49	13°	WSW	20:14:49	13°	WSW	visible
08 Feb	-3.8	17:44:42	10°	W	17:47:59	83°	SSW	17:51:15	10°	ESE	visible
08 Feb	-2.3	19:21:19	10°	W	19:24:12	29°	SSW	19:24:40	27°	SSW	visible
09 Feb	-2.8	18:28:40	10°	W	18:31:47	42°	SSW	18:34:37	12°	SE	visible
09 Feb	-0.6	20:06:57	10°	SW	20:07:17	10°	SW	20:07:17	10°	SW	visible
10 Feb	-1.2	19:13:07	10°	W	19:15:18	17°	SW	19:17:22	10°	S	visible
11 Feb	-1.7	18:20:10	10°	W	18:22:56	25°	SSW	18:25:41	10°	SSE	visible
13 Feb	-0.8	18:12:03	10°	WSW	18:13:56	15°	SW	18:15:48	10°	S	visible



ISS on 3rd February