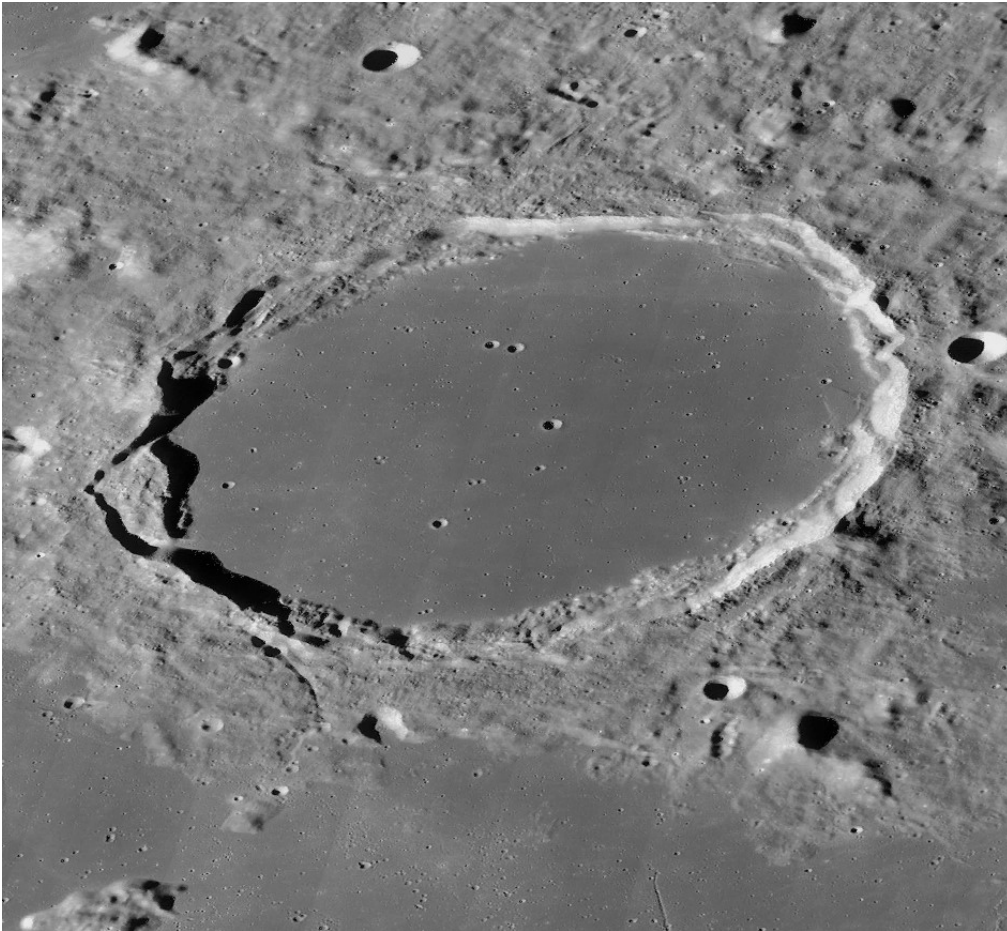


Craters - Plato

Each month we're going to pick a lunar feature to present at the monthly meeting in some detail (see provided lunar feature map).



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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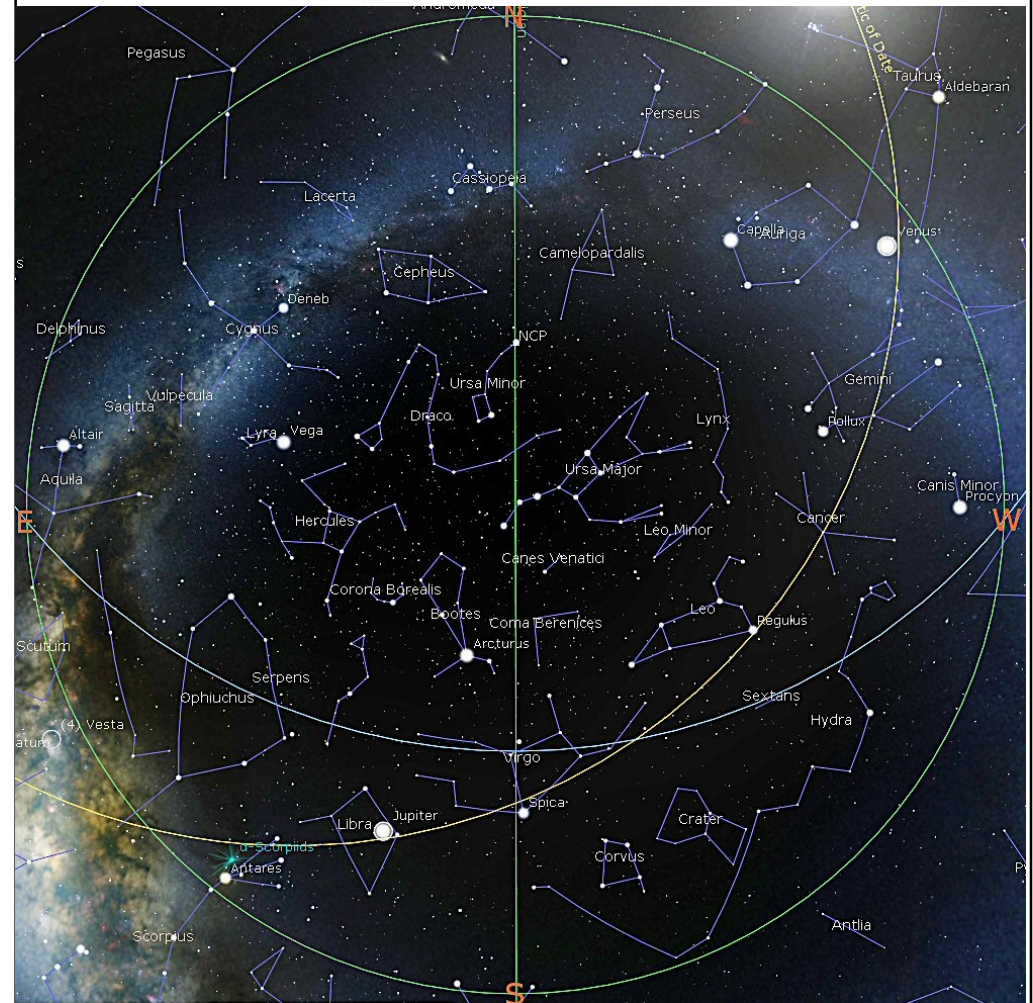
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Rugby & District Astronomical Society

Sky Notes





by Chris Longthorn

May 2018, no 105



The night sky at 23:00 U.T.C., May 15th 2018

2018 May

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Venus 27.2° E	2 Venus- Aldeb. 14:24	3	4 Moon- Saturn 21:31 Moon S Dec 24:00	5 Eta Aquarids 08:03
6 Moon Ap- ogee 01:35 Moon- Mars 08:24	7 Moon D Node 11:24	 8 Last Quar- ter 03:09	9 Jupiter Opp 01:10	10	11	12
13 Moon- Mercury 18:21	14	 15 New Moon 12:48	16	17 Moon- Venus 19:11 Moon Per- igee 22:06	18 Moon N Dec 16:02	19
20 Moon- Beehive 12:57 Moon A Node 14:13 R&DAS Meeting, Church Lawford, 19:30	21	 22 Moon- Regulus 01:53 First Quarter 04:49	23	24	25	26
27 Moon- Jupiter 18:39	28	 29 Full Moon 15:20	30	31		

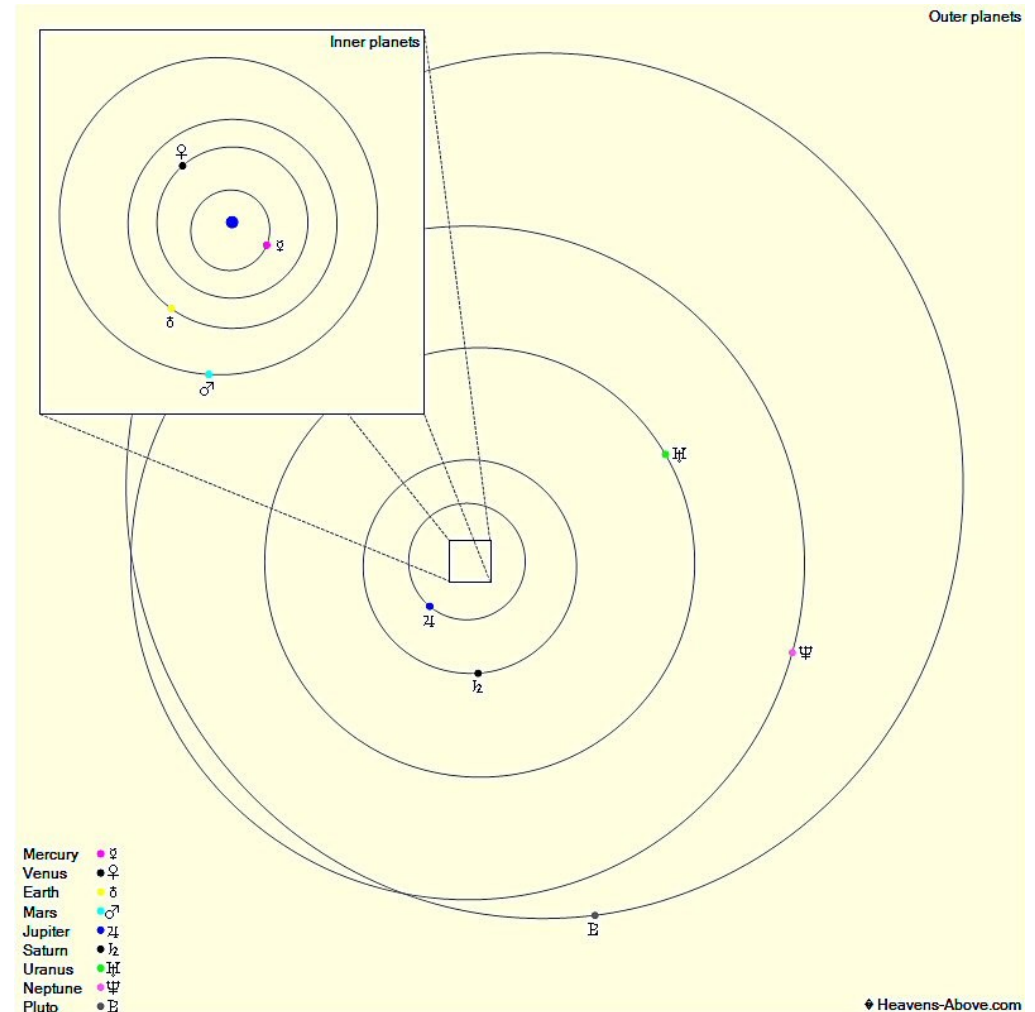
For ISS passes this month, see additional pages.

	Brightness	Highest point		
	(mag)	Time	Alt.	Az.
23-May	-3.5	22:32:03	44°	SSE
24-May	-4.0	00:08:21	80°	S
24-May	-3.8	01:44:42	52°	SSW
24-May	-4.0	23:15:30	75°	S
25-May	-4.0	00:51:52	66°	SSW
25-May	-1.6	02:25:54	14°	W
25-May	-3.9	22:22:38	63°	SSE
25-May	-4.0	23:59:00	77°	S
26-May	-2.6	01:34:13	27°	WSW
26-May	-3.9	23:06:07	81°	S
27-May	-3.6	00:42:26	48°	SSW
27-May	-3.9	22:13:12	77°	S
27-May	-3.9	23:49:35	62°	SSW
28-May	-1.7	01:23:55	15°	WSW
28-May	-3.9	22:56:41	74°	S
29-May	-2.9	00:32:36	30°	SW
29-May	-3.9	22:03:45	80°	S
29-May	-3.4	23:40:03	44°	SSW
30-May	-3.7	22:47:10	58°	SSW
31-May	-2.0	00:22:37	18°	SW
31-May	-2.7	23:30:23	28°	SSW

Best ISS Passes in May

	Brightness (mag)	Highest point Time	Alt.	Az.
18-May	-1.8	00:38:16	18°	E
18-May	-4.0	02:12:31	78°	S
18-May	-3.8	03:48:53	60°	SSW
19-May	-4.0	01:19:43	69°	S
19-May	-4.0	02:56:07	73°	S
20-May	-3.7	00:27:18	51°	SE
20-May	-4.0	02:03:19	80°	S
20-May	-3.5	03:39:37	42°	SSW
20-May	-1.8	21:58:25	11°	SE
20-May	-3.5	23:34:12	40°	SSE
21-May	-4.0	01:10:29	79°	S
21-May	-3.8	02:46:52	56°	SSW
21-May	-3.0	22:41:30	28°	SSE
22-May	-4.0	00:17:40	72°	S
22-May	-4.0	01:54:03	70°	S
22-May	-2.9	03:30:11	26°	SSW
22-May	-2.4	21:48:50	20°	SE
22-May	-3.9	23:24:51	59°	SSE
23-May	-4.0	01:01:13	79°	S
23-May	-3.4	02:37:29	38°	SSW
23-May	-1.7	04:13:13	10°	SW

The Planets, mid month.



Mercury is in Cetus with a magnitude of -0.3, a phase of 70%, and a diameter of 6". It rises at 03:43, transits at 10:39, and sets at 17:38. It is visible low in the east before sunrise.

Venus is in Taurus with a magnitude of -4.0, a phase of 85%, and a diameter of 12". It rises at 05:39, transits at 14:11, and sets at 22:44. It is visible in the evening sky.

Mars is in Capricornus with a magnitude of -0.8, a phase of 89%, and a diameter of 13". It rises at 00:45, transits at 04:42, and sets at 08:40. It is visible in the morning sky.

Jupiter is in Libra with a magnitude of -2.5 and a diameter of 45". It sets at 04:13, rises again at 18:55, and transits at 23:32. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.3 and a diameter of 18". It transits at 03:11, sets at 07:07, and rises again at 23:11. It is well placed for observation throughout the night.

Uranus is in Aries with a magnitude of +5.9 and a diameter of 3". It rises at 03:24, transits at 10:25, and sets at 17:26. It is visible low in the east before sunrise.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 02:14, transits at 07:44, and sets at 13:14. It is visible in the morning sky.

The Moon, Libration May 2018



1st May 2018



8th May 2018



15th May 2018



22nd May 2018



29th May 2018