

Cayman Islands Astronomical Society - June 2025 Newsletter

1 message

Cayman Astronomy <cayman.astronomy@yahoo.com>

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To: CI Astronomical Society CIAS <cayman.astronomy@yahoo.com>

Cayman Island Astronomical Society Upcoming Events:

Thursday, July 3, 2025 at 6:30 pm - AGM

Nova visible in the Skies over Cayman



A star in our evening skies has just gone nova, appearing several million times brighter than it did last month! The star, V462 Lupi, is in the constellation of the wolf, and appears in our southern skies in the hours after sunset. The "new" star is much brighter than it was, but it is still only just visible to the naked eye at about magnitude +5. No one knows how long the nova event will persist before it dims again, so it is definitely worth trying to have a look! A classical nova is caused by the interactions between a pair of stars spinning around each other such that one of the pair periodically becomes very unstable and explodes in a brilliant event.

At this point, the CIAS has not scheduled a public event to observe the nova, as the weather this time of year is very unpredictable. However, please keep an eye on our Facebook page, www.facebook.com/caymanastronomy, in case conditions change to allow an event at short notice. Nevertheless, please follow this [link](#) to "the sky live" to learn more about exactly where to look to see the nova.

Image generated with www.stellarium-web.org

Opportunities to see Space Stations passing overhead

Click on the date for a star chart and other pass details from heavens-above.com. The lower the magnitude (more negative), the brighter the pass.

You can learn more about how we can see the space station in our [ISS explainer video](#).

International Space Station Passes (current crew of 7 people)

Click on the date to get a star chart and other pass details. The highlighted passes will be particularly dramatic!

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
05 Jul	-0.9	21:08:15	10°	WSW	21:08:35	12°	WSW	21:08:35	12°	WSW	visible
06 Jul	-0.3	05:23:47	10°	NNE	05:25:25	13°	NE	05:27:04	10°	ENE	visible
06 Jul	-3.9	20:19:15	10°	SW	20:22:34	89°	W	20:25:54	10°	NE	visible
07 Jul	-3.2	19:30:44	10°	SSW	19:33:49	36°	SE	19:36:55	10°	ENE	visible
07 Jul	-0.1	21:10:03	10°	NW	21:10:34	10°	NW	21:11:06	10°	NW	visible
08 Jul	-2.6	05:21:20	10°	NNW	05:24:34	49°	NE	05:27:48	10°	SE	visible
08 Jul	-0.8	20:19:04	10°	W	20:21:37	20°	NW	20:24:10	10°	N	visible
09 Jul	-1.0	04:33:01	10°	N	04:35:43	22°	NE	04:38:23	10°	ESE	visible
09 Jul	-2.3	19:29:33	10°	WSW	19:32:44	43°	NW	19:35:55	10°	NNE	visible
10 Jul	-0.2	03:45:35	10°	NNE	03:46:45	11°	NE	03:47:53	10°	ENE	visible
10 Jul	-3.0	05:20:27	10°	WNW	05:23:27	32°	SW	05:26:28	10°	S	visible
11 Jul	-4.0	04:31:19	10°	NW	04:34:39	80°	SW	04:37:58	10°	SE	visible
11 Jul	-0.2	19:30:27	10°	WNW	19:31:46	12°	NW	19:33:05	10°	NNW	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
27 Jul	-0.8	21:05:05	10°	N	21:05:25	12°	N	21:05:25	12°	N	visible
28 Jul	-1.2	20:17:53	10°	NE	20:18:16	10°	NE	20:18:16	10°	NE	visible
29 Jul	-1.5	21:02:34	10°	NW	21:04:02	24°	NW	21:04:02	24°	NW	visible
30 Jul	-3.0	20:13:35	10°	NNW	20:16:40	35°	NE	20:17:00	34°	ENE	visible
31 Jul	-1.8	19:25:06	10°	N	19:27:22	17°	NE	19:29:37	10°	E	visible
31 Jul	-1.2	21:01:26	10°	WNW	21:02:56	17°	W	21:02:56	17°	W	visible
01 Aug	-3.0	20:11:33	10°	NW	20:14:44	45°	SW	20:16:04	28°	S	visible
02 Aug	-3.8	19:22:12	10°	NNW	19:25:30	69°	NE	19:28:47	10°	SE	visible

Tiangong Space Station Passes (current crew of 3 people)

Click on the date to get a star chart and other pass details.

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
25 Jun	0.7	04:28:25	10°	SE	04:28:49	10°	SE	04:29:13	10°	SE	visible
26 Jun	-1.9	05:04:51	14°	SW	05:07:28	67°	SE	05:10:39	10°	ENE	visible

Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
27 Jun	-0.4	04:09:42	26°	SE	04:09:42	26°	SE	04:12:13	10°	ENE	visible
28 Jun	-1.3	04:46:47	25°	W	04:48:09	40°	NW	04:51:12	10°	NE	visible
29 Jun	-0.1	03:51:26	29°	NE	03:51:26	29°	NE	03:53:12	10°	NE	visible
30 Jun	0.0	04:28:18	17°	NW	04:28:47	17°	NNW	04:31:02	10°	NNE	visible
01 Jul	1.0	03:32:46	15°	NNE	03:32:46	15°	NNE	03:33:25	10°	NNE	visible

Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
14 Jul	-1.4	05:24:32	10°	NW	05:27:40	56°	NE	05:30:47	10°	ESE	visible
14 Jul	-2.2	20:15:41	10°	SW	20:18:49	62°	SE	20:20:02	32°	ENE	visible
15 Jul	0.3	04:26:09	10°	NNW	04:28:51	25°	NE	04:31:32	10°	E	visible
15 Jul	0.5	20:54:28	10°	W	20:56:56	20°	NW	20:58:51	13°	N	visible
16 Jul	1.4	03:30:53	12°	NE	03:30:53	12°	NE	03:31:29	10°	ENE	visible
16 Jul	-1.9	05:03:50	10°	WNW	05:06:55	47°	SW	05:09:59	10°	SE	visible
16 Jul	-0.9	19:55:00	10°	WSW	19:58:03	44°	NW	20:01:06	10°	NE	visible
17 Jul	0.0	04:09:57	22°	ESE	04:09:57	22°	ESE	04:11:15	10°	ESE	visible
17 Jul	1.5	20:35:51	10°	NW	20:36:17	10°	NNW	20:36:42	10°	NNW	visible
18 Jul	0.8	19:34:51	10°	W	19:37:13	19°	NW	19:39:35	10°	NNE	visible

Planets Visible in the Sky



Image adapted from stellarium-web.org

CIAS Annual General Meeting

The AGM for the society will take place at on Thursday, the 3rd of July at 6:30 pm at the boardwalk gazebo of the Ocean Club strata, [658 Shamrock Road, Grand Cayman](#). All members and prospective members are invited to attend, but please do respond by email to let the executive know the numbers. Note, this is not a stargazing event.

Joining the CIAS

If you are interested in joining the CIAS, speak with any of us at our public events or drop us an email. All are welcome!

Annual dues are 15KYD for adults and 5KYD for children. Membership allows the use of club equipment and inclusion in our internal messaging through WhatsApp. Members can also reach out to the public as volunteers at public events and special activities for more specific audiences, such as schools or other organisations.

Best regards,

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Tiyen Miller

President

Cayman Islands Astronomical Society

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<http://www.cias.space>

[facebook.com/caymanastronomy](https://www.facebook.com/caymanastronomy)

The Cayman Islands Astronomical Society has been bringing together people with an interest in astronomy since 1991 with a goal of promoting astronomy to the public. CIAS is registered as a Non-Profit Organisation in the Cayman Islands (NP-358)