

Cayman Islands Astronomical Society - March/April 2024 Newsletter

Cayman Astronomy <cayman.astronomy@yahoo.com>

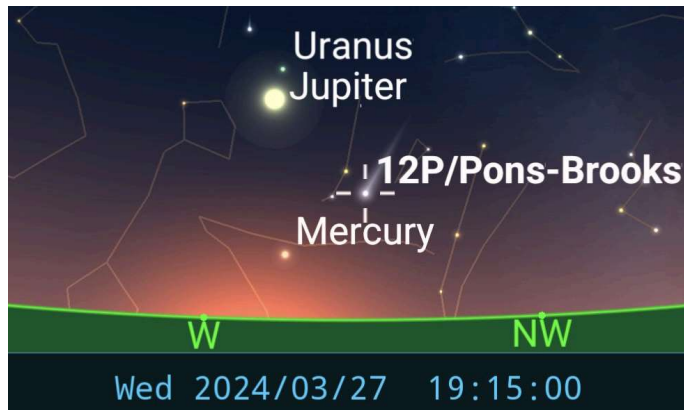
Tue 3/26/2024 3:01 AM

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

Upcoming CIAS public events

- March 27 - Public stargazing at Seven Mile Public Beach ([FB link](#)).
- April 8 - Solar eclipse viewing at Camana Bay ([FB link](#)).
- April 8 - Live CIAS webcast from the solar eclipse totality zone ([YouTube](#)).

See Comet P12/Pons-Brooks and a Crescent Mercury



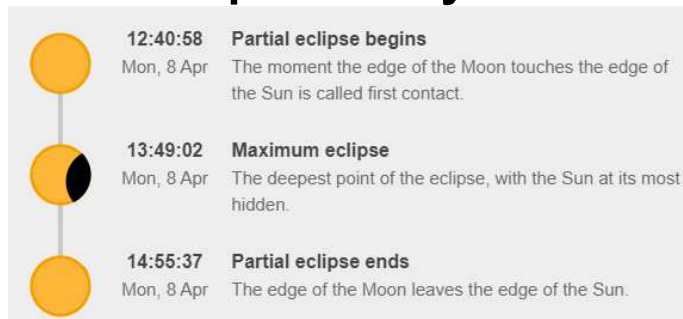
Wednesday, March 27th. 7 pm to 8 pm

Join the Cayman Islands Astronomical Society for an evening of stargazing! All are welcome, and the event is free. We will look for the visiting [comet 12P/Pons-Brooks](#) and the elusive [planet Mercury](#) in a crescent phase right after sunset. Jupiter and its moons will also be on display, as will the beautiful Orion Nebula, a birthplace of stars. Find us on the [grassy patch near the parking lot of Seven Mile Public Beach](#) from 7 pm, and we will be finishing at 8 pm sharp.

The event will be cancelled if there is over 50% cloud cover, so check this [Facebook event page](#) for the latest updates.

Image generated with the [Skysafari 6](#) Android app.

Solar Eclipse in Cayman



Monday, April 8th. 1:40 pm to 2:55 pm

Join the CIAS to safely view the [partial solar eclipse](#) at Camana Bay, near the cinema.

Our volunteers will be there to help explain the event, and we will have a telescopic projection system set up to view the spectacle safely.

The maximum eclipse will be at 1:49 pm. Nevertheless, the Earth's shadow will cover part of the sun from 12:40 pm to 2:55 pm.

The eclipse in the Cayman Islands will not be total, yet it will be total for other parts of the world.

We will also have CIAS members live-streaming the event from the totality zone in Texas, so check out the [YouTube link](#) from 1:30 pm as totality approaches!

Image adapted from timeanddate.com

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.

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
01 Apr	-1.5	20:10:52	10°	NNW	20:12:01	18°	N	20:12:01	18°	N	visible
02 Apr	-1.7	19:23:27	10°	NNE	19:25:18	14°	NE	19:26:08	13°	ENE	visible
03 Apr	-3.1	20:10:18	10°	NW	20:13:14	54°	W	20:13:14	54°	W	visible
04 Apr	-3.6	19:21:50	10°	NNW	19:25:07	55°	NE	19:27:28	17°	SE	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
05 Apr	-0.9	20:11:20	10°	W	20:12:58	13°	SW	20:14:37	10°	SSW	visible
06 Apr	-1.8	19:21:31	10°	WNW	19:24:26	28°	SW	19:27:20	10°	S	visible
13 Apr	-0.8	05:26:37	10°	SSE	05:28:18	13°	SE	05:30:00	10°	E	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
15 Apr	-3.2	05:23:09	10°	SSW	05:26:25	57°	SE	05:29:42	10°	NE	visible
16 Apr	-1.8	04:36:18	21°	SSE	04:37:14	24°	SE	04:39:58	10°	ENE	visible
17 Apr	-2.7	05:22:28	17°	W	05:24:25	29°	NW	05:27:22	10°	NNE	visible
18 Apr	-3.4	04:35:33	56°	N	04:35:33	56°	N	04:38:19	10°	NE	visible
19 Apr	-0.4	03:48:26	12°	NE	03:48:26	12°	NE	03:48:46	10°	NE	visible
20 Apr	-1.3	04:34:01	14°	NNW	04:34:01	14°	NNW	04:35:00	10°	N	visible

Tiangong Space Station Passes (current crew of 3 people)

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

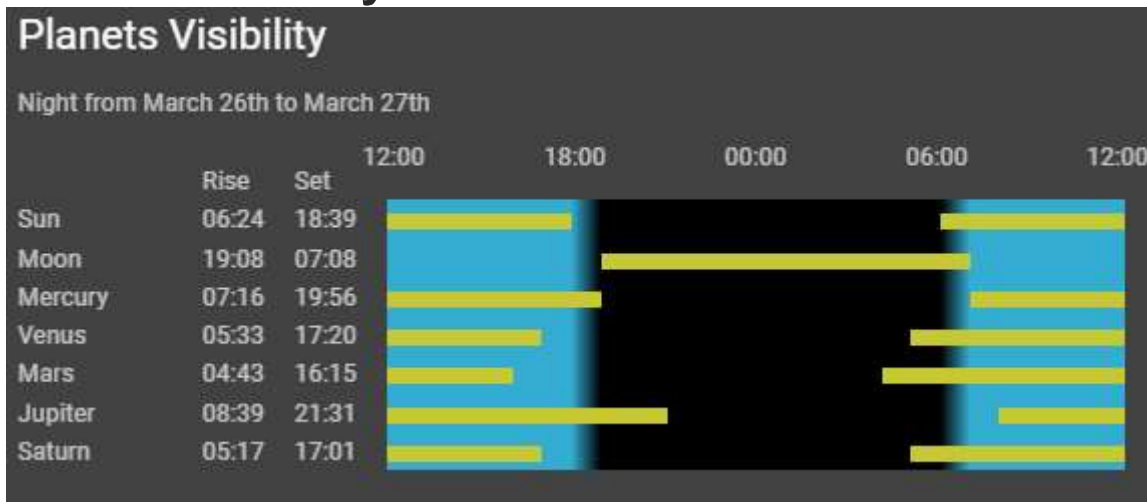
Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
26 Mar	0.6	04:32:12	19°	E	04:32:12	19°	E	04:33:22	10°	ENE	visible
27 Mar	-0.8	05:05:03	28°	NNW	05:05:03	28°	NNW	05:07:16	10°	NNE	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
11 Apr	0.3	05:22:37	10°	NNW	05:25:06	22°	NE	05:27:34	10°	E	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
12 Apr	1.1	04:20:19	10°	NNE	04:20:46	10°	NNE	04:21:11	10°	NE	visible
13 Apr	-0.9	04:51:35	21°	NNW	04:53:10	40°	NE	04:56:06	10°	ESE	visible
13 Apr	-1.7	19:37:54	10°	SSW	19:40:46	38°	SE	19:41:26	33°	ESE	visible
14 Apr	-1.3	05:23:30	17°	W	05:25:12	29°	SW	05:27:55	10°	SSE	visible
14 Apr	-0.5	20:09:59	10°	WSW	20:12:46	31°	NW	20:13:29	27°	N	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
15 Apr	0.7	04:23:31	12°	SE	04:23:31	12°	SE	04:23:52	10°	SE	visible
15 Apr	-2.3	19:05:11	10°	SW	19:08:13	83°	SE	19:11:17	10°	NE	visible
16 Apr	0.6	19:37:53	10°	W	19:40:06	18°	NW	19:42:19	10°	NNE	visible
18 Apr	1.0	19:06:00	10°	NW	19:07:05	11°	NNW	19:08:10	10°	N	visible

Planets Visibility



Here's the current visibility of the planets from Stellarium-web.org

CIAS Membership

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. 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)