

Upcoming Sky Events for the Cayman Islands

- Partial Solar Eclipse **14 October**
- Public stargazing **18 October**
- Double Moon Shadows on Jupiter **20 October**
- Orionid Meteor Shower Peak **21-22 October**
- STEM Carib Conference **1-3 November**

Partial Solar Eclipse



Saturday 14 October, 11:02AM - 2:27PM
Cardinal Avenue, George Town

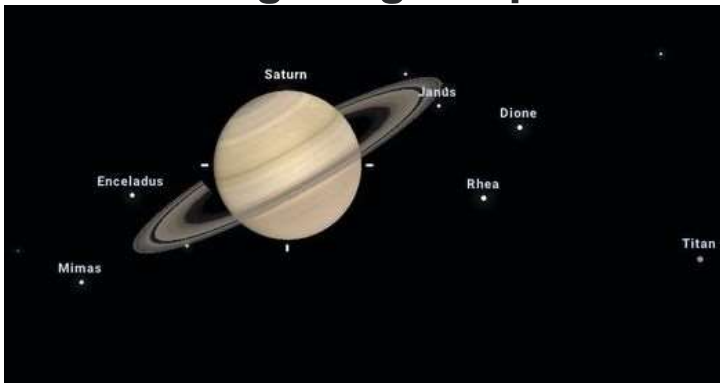
<https://www.youtube.com/watch?v=e3948yGYhIY>

On Saturday the 14th of October from 11:02AM to 2:27PM the moon will line up with the Sun - a solar eclipse! The maximum coverage will be at 12:44PM, when the moon will block over 80% of the sun's disc as seen from the Cayman Islands.

Come join the CIAS for a special event in the pedestrianised zone of Cardinal Avenue in George Town between 11:30AM and 2:30PM. We'll have safe projection equipment set up, and volunteers will be happy to help explain what's going on.

Check the [video](#) for details and some other safe ways to enjoy the event!

Public Stargazing at Spotts Dock

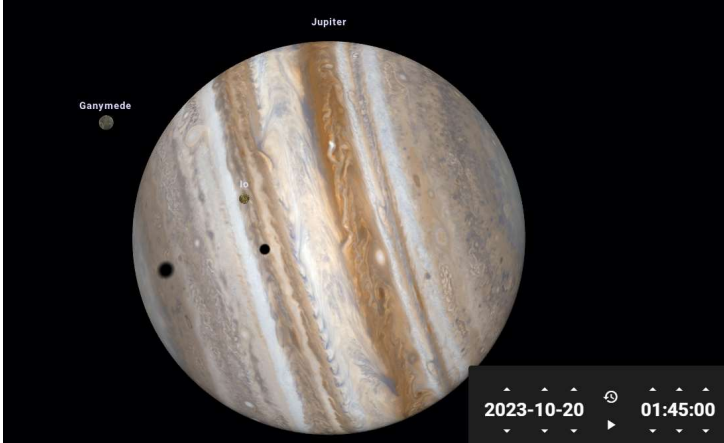


Wednesday 28 October - 7:00PM - 8:30PM
Spotts Dock - Western Parking Lot

Join the Cayman Islands Astronomical Society for a evening of stargazing! All are welcome and the events are totally free. Events will be cancelled if there is more than 50% cloud cover, so check the [facebook event page](#) and website at cias.space for the latest updates.

We will have wonderful views of the thin crescent moon, Saturn, Jupiter and the Andromeda Galaxy. Find us in the large parking lot just to the West of the Spotts Cruise Port on Shamrock Road ([map link](#)).

Double Moon Shadows on Jupiter



Friday 20 October - 12:40AM - 2:40AM

Early morning on the 20th, the shadows of both Ganymede and Io will appear as dark circles crossing the disk of Jupiter. Double simultaneous Jovian solar eclipses!

Orionid Meteor Shower Peak

Sunday 22 October - between midnight and dawn

The [Orionids](#) are caused by the Earth passing through remnants left behind Halley's comet. Find a very dark spot and enjoy the best chances to see the meteors after midnight, after the moon has set. The meteors will appear to radiate away from the constellation of Orion, though they can appear anywhere in the sky.

STEM Carib 2023

Wednesday 1 November through Friday 3 November

The CIAS will be leading two sessions at the STEM Carib 2023 conference hosted by UCCI, on the topic of "Seafaring with the Stars". We'll be exploring how the stars are so important to navigation and the seafaring heritage of the Cayman Islands. Participants will be making and taking home small sundials too!

For more info, refer to the STEM Carib 2023 website, <https://www.ucci.edu.ky/stem-programme>

Upcoming opportunities to see the International Space Station

Click on the date to get a star chart and other pass details. The lower the magnitude (more negative) the brighter the pass.

Learn more about how we can see the ISS in our explainer video <https://youtu.be/LDF6c8ONWS0>

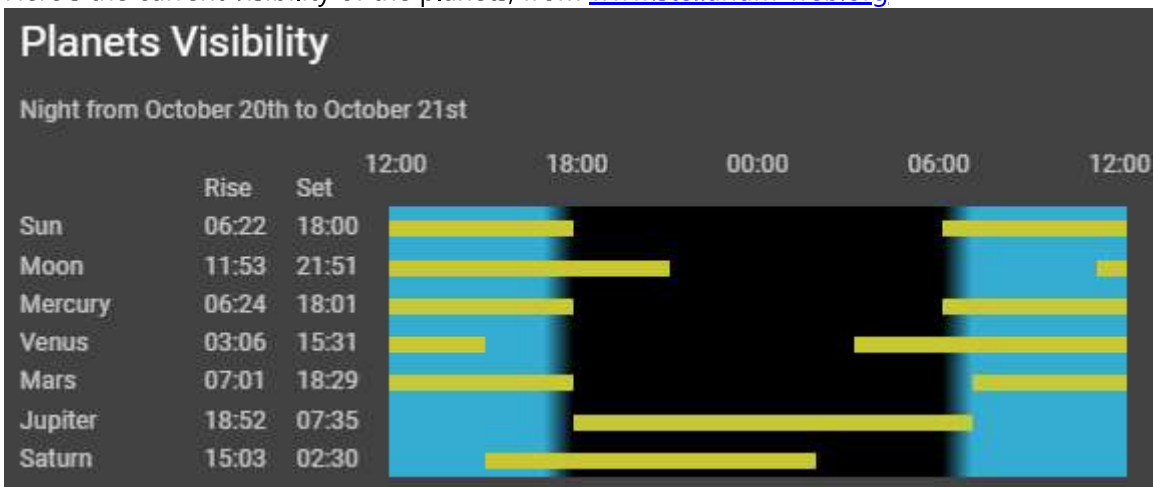
In the near future, we are aiming to set up an ISS photography online seminar for members with renowned ISS photographer Szabolcs Nagy from www.spacestationguys.com

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
07 Oct	-3.5	18:35:12	10°	NNW	18:38:26	49°	NE	18:41:40	10°	SE	visible
08 Oct	-0.7	19:24:46	10°	W	19:26:37	14°	SW	19:28:30	10°	SSW	visible
09 Oct	-1.7	18:35:25	10°	WNW	18:38:24	30°	SW	18:41:22	10°	S	visible
15 Oct	-1.7	05:30:36	10°	S	05:33:31	29°	SE	05:36:27	10°	ENE	visible
16 Oct	-0.7	04:43:19	10°	SSE	04:45:03	13°	SE	04:46:46	10°	E	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
17 Oct	-3.7	05:30:11	14°	SW	05:32:53	53°	NW	05:36:10	10°	NNE	visible
18 Oct	-2.8	04:44:57	46°	ENE	04:44:57	46°	ENE	04:47:33	10°	NE	visible
19 Oct	-1.8	05:32:23	14°	NW	05:32:23	14°	NW	05:34:07	10°	NNW	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
08 Nov	-1.0	05:25:29	10°	N	05:27:22	14°	NE	05:29:16	10°	E	visible
09 Nov	-1.1	19:31:28	10°	SSW	19:32:02	14°	SSW	19:32:02	14°	SSW	visible
10 Nov	-3.2	05:23:08	22°	NNW	05:25:02	53°	NE	05:28:17	10°	SE	visible
10 Nov	-2.0	18:42:52	10°	SSE	18:45:08	17°	SE	18:45:16	17°	ESE	visible
11 Nov	-1.3	04:36:18	21°	ENE	04:36:18	21°	ENE	04:38:09	10°	ESE	visible
11 Nov	-2.2	19:28:50	10°	WSW	19:31:17	35°	W	19:31:17	35°	W	visible
12 Nov	-2.8	05:22:21	30°	SW	05:22:22	30°	SW	05:25:20	10°	S	visible
12 Nov	-3.9	18:39:04	10°	SW	18:42:22	77°	SE	18:44:21	22°	NE	visible
13 Nov	-0.9	04:35:28	15°	SE	04:35:28	15°	SE	04:36:05	10°	SE	visible
13 Nov	-0.9	19:28:07	10°	WNW	19:29:24	12°	NW	19:30:09	11°	NNW	visible
14 Nov	-1.7	18:36:51	10°	WSW	18:39:35	24°	NW	18:42:19	10°	N	visible

Here's the current visibility of the planets, from www.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 also have opportunities to reach to the public as volunteers at public events as well as special activities for more specific audiences such as schools or other organisations.

Best regards,

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President

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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)