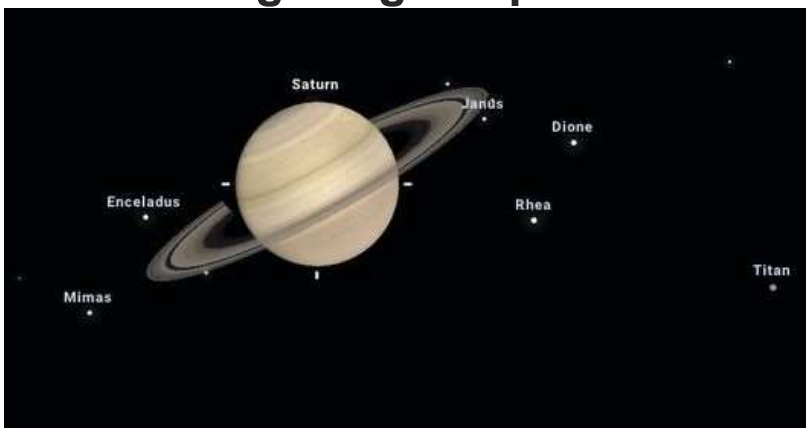
Upcoming Sky Events for the Cayman Islands

- Public stargazing **17 November**
- Leonids Meteor Shower Peak **17-18 November**
- SpaceX Starship Launch **19 November (projected)**

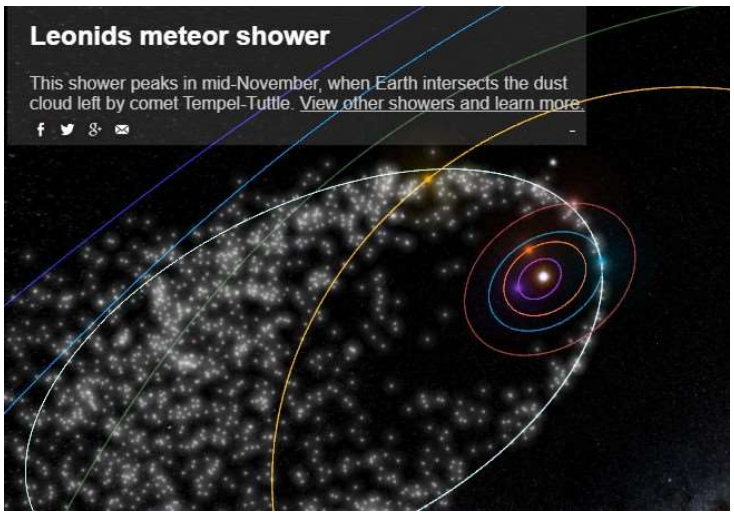
Public Stargazing at Spotts Dock



Friday 17 November - 6:30 PM - 8:30 PM
Spotts Dock - Western Parking Lot

Join the Cayman Islands Astronomical Society for an evening of stargazing! All are welcome, and the events are free. Events will be cancelled if there is over 50% cloud cover, so check the Facebook event page for the latest updates. We will have beautiful views of the thin crescent moon, Saturn, Jupiter and the Andromeda Galaxy. The evening coincides with the peak of the Leonid meteor shower, so we may be lucky and see some shooting stars!
You can find us in the large parking lot just to the West of the Spotts Cruise Port on Shamrock Road (map link).

Leonids Meteor Shower Peak



17 - 18 November - between midnight and dawn

The Leonids are caused by the Earth passing through remnants left behind by comet 55P/Tempel-Tuttle. Find a very dark spot and enjoy the best chances to see the meteors. Fortunately, the moon will set at 9:50 PM, improving the chances of seeing the "shooting stars" late at night. The meteors will appear to radiate away from the constellation of Leo in the East, though they can appear anywhere in the sky. (image adapted from www.meteorshowers.org)

SpaceX Starship Launch

19 November (projected)

The second attempt to launch the SpaceX "Starship" is projected to happen late at night on the 19th of November. This date is certainly not set and is subject to revision. However, the only over-water launch trajectory from Boca Chica, Texas, sends the rocket reasonably close to the Cayman Islands. If the launch is at night, we may see the rocket engine's flame low in the NW sky. Keep an eye on the SpaceX website and space launch schedule for updates.

Sundial

A big hit at the recent STEM Carib conference hosted by UCCI was the CIAS sundials that schoolchildren made and took home during our breakout sessions. The custom CIAS sundial PDF is available to download, and you are encouraged to try printing it out and making your own at home. Just ensure that the gnomon (pointer) is pointing north, and it should work pretty well! Learn more about here and here.

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.

You can learn more about how we can see the space station in our ISS explainer video.
In the near future, we aim to set up an online ISS photography seminar for members with renowned ISS photographer Szabolcs Nagy from spacestationguys.com.

Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
08 Nov	-1.6	05:43:16	10°	N	05:46:00	23°	NE	05:48:43	10°	ESE	visible

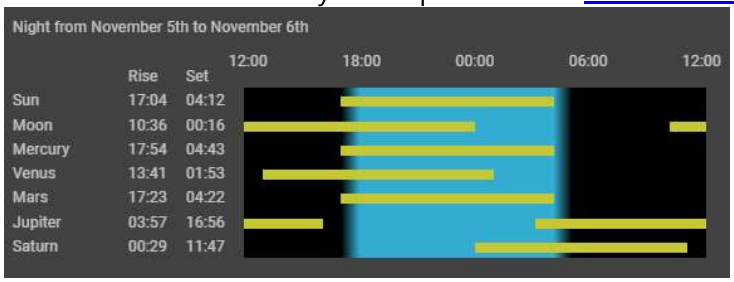
Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
09 Nov	-0.9	04:55:57	10°	NNE	04:57:16	12°	NE	04:58:34	10°	ENE	visible
09 Nov	-0.5	19:51:13	10°	SW	19:51:15	10°	SW	19:51:15	10°	SW	visible
10 Nov	-3.9	05:42:40	15°	NW	05:45:23	75°	SW	05:48:41	10°	SSE	visible
10 Nov	-2.6	19:02:54	10°	S	19:05:19	30°	SSE	19:05:19	30°	SSE	visible
11 Nov	-2.9	04:56:40	43°	NE	04:56:42	43°	NE	04:59:53	10°	ESE	visible
11 Nov	-1.8	18:15:20	10°	SSE	18:17:17	15°	SE	18:19:16	10°	E	visible
11 Nov	-0.8	19:51:08	10°	W	19:52:14	16°	W	19:52:14	16°	W	visible
12 Nov	-1.9	05:43:36	15°	WSW	05:44:27	16°	SW	05:46:35	10°	SSW	visible
12 Nov	-3.0	19:01:47	10°	SW	19:05:00	48°	NW	19:06:07	32°	N	visible
13 Nov	-1.7	04:57:34	20°	S	04:57:34	20°	S	04:58:50	10°	SSE	visible
13 Nov	-3.8	18:12:56	10°	SSW	18:16:13	68°	SE	18:19:32	10°	NE	visible
14 Nov	-1.0	19:02:32	10°	WNW	19:04:08	13°	NW	19:05:44	10°	NNW	visible

Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
15 Nov	-1.8	18:12:20	10°	WSW	18:15:09	25°	NW	18:17:59	10°	N	visible

Date	Brightness	Start			Highest point			End			Pass type
	(mag)	Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
05 Dec	-1.0	19:39:47	10°	NW	19:40:17	14°	NW	19:40:17	14°	NW	visible
06 Dec	-3.7	18:50:09	10°	NNW	18:53:24	52°	NE	18:54:50	28°	ESE	visible
07 Dec	-0.5	19:38:12	10°	W	19:40:04	14°	SW	19:41:55	10°	SSW	visible
08 Dec	-1.8	18:47:23	10°	WNW	18:50:23	32°	SW	18:53:24	10°	S	visible
13 Dec	-2.8	06:24:08	10°	SSW	06:27:20	52°	SE	06:30:32	10°	NE	visible
14 Dec	-1.0	05:34:52	10°	S	05:37:27	21°	SE	05:40:00	10°	ENE	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

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