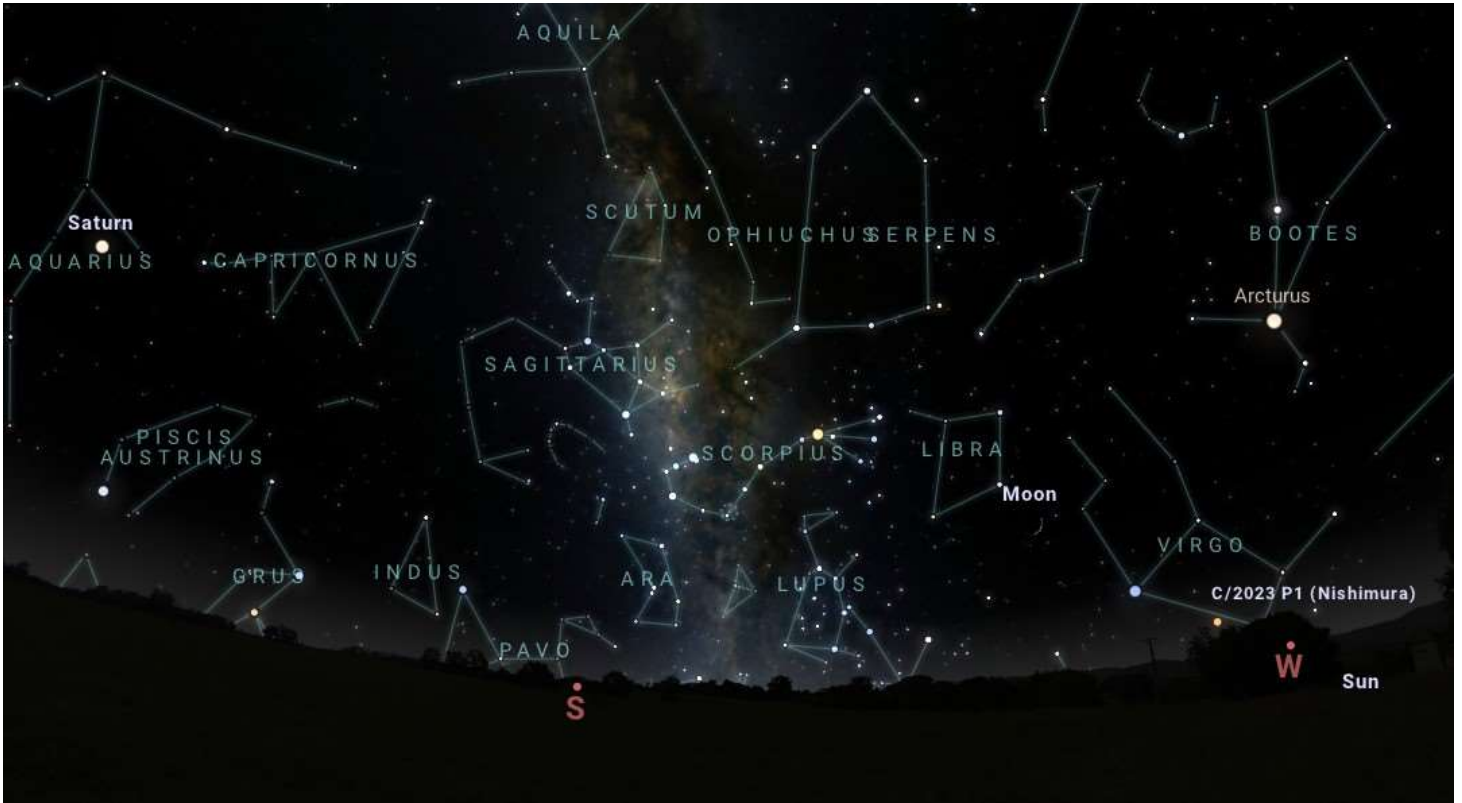


Upcoming Sky Events for the Cayman Islands

- Public stargazing **18 Sep**
- Equinox **23 Sep**
- Supermoon **29 Sep**
- "Caymanhenge" **1 Oct**
- Partial solar eclipse **14 Oct**

Stargazing at SMB Public Beach - Comet Nishimura, Saturn and the Moon



Monday 18 September, 6:30pm - 8:00pm

Grassy area near the playground on public beach, Grand Cayman

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 and a shot at spotting the newly-discovered comet "[Nishimura](#)" low in the Western sky just after sunset. Saturn with its magnificent rings will also be amazing to see.

Autumnal Equinox

Saturday 23 September

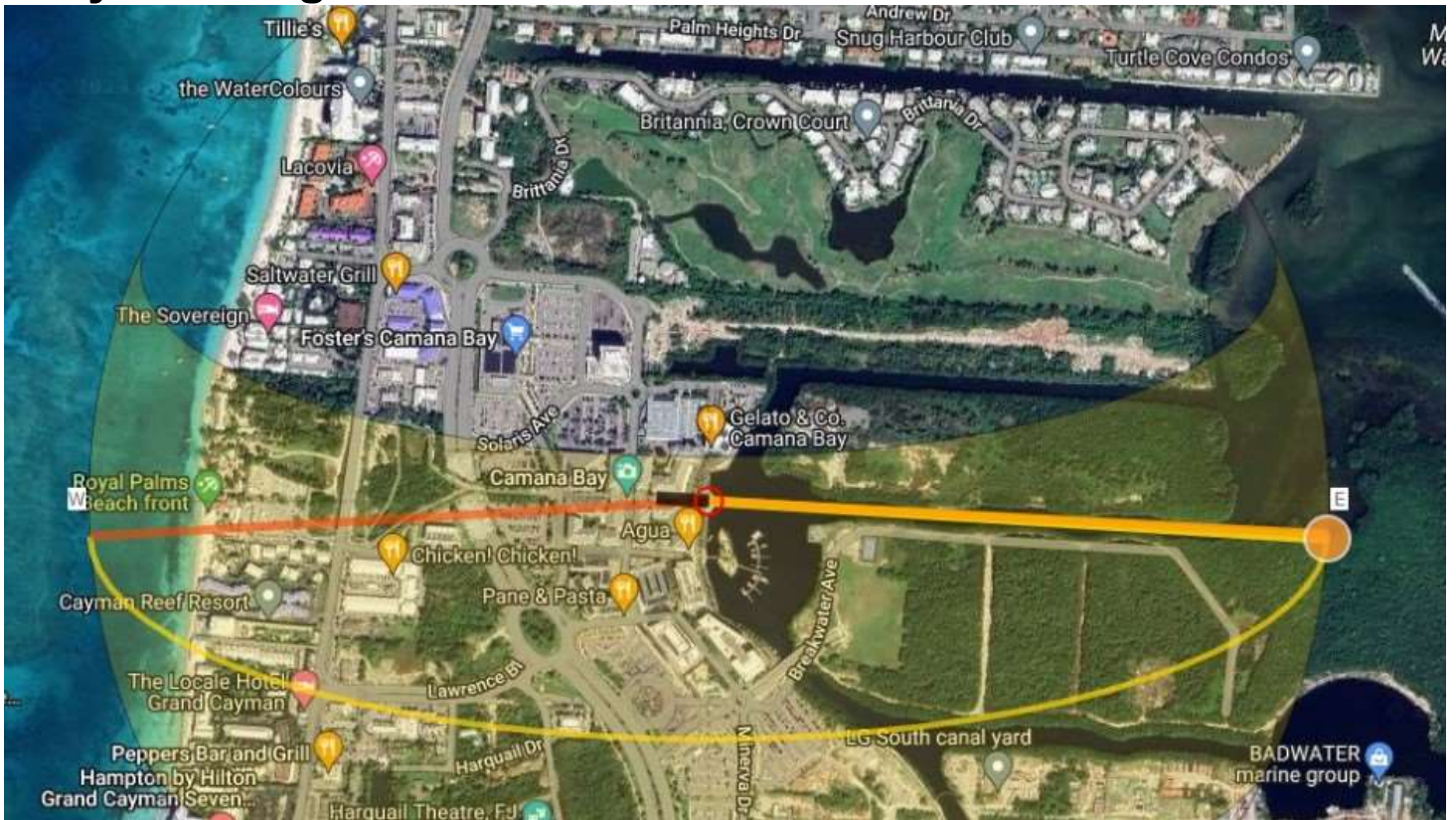
On this day the sun will rise exactly in the East and set exactly in the West. In the northern hemisphere, the [September equinox](#) event marks the beginning of Autumn, and the end of the Summer season.

Supermoon

Friday 29 September

Today's full moon coincides with the moon's closest approach to the Earth in its 29-day elliptical orbit around our planet. It's about 10% closer to the Earth than it is when it's at its furthest, so it will appear looking a bit bigger than normal. For the best views, try to see it rise in the East over a distant land horizon. Full moons always rise just around Sunset, adding to the drama!

"Caymanhenge"



Saturday 1 October 6:15am- Camana bay fountains

Twice a year, on 1 October and 12 March, the sun will rise exactly lined up with the canals into North Sound from behind West Bay Road. This really fun spectacle might best be viewed from near the fountains at Camana Bay - which line up perfectly with the canal.

Partial Solar Eclipse

Time	Phase	Event
11:02:37 Sat, 14 Oct		<i>Partial Eclipse begins</i> <i>The Moon touches the Sun's edge.</i>
12:44:48 Sat, 14 Oct		<i>Maximum Eclipse</i> <i>Moon is closest to the center of the Sun.</i>
14:27:50 Sat, 14 Oct		<i>Partial Eclipse ends</i> <i>The Moon leaves the Sun's edge.</i>

Saturday 14 October 11:02am to 2:27pm

The Cayman Islands will enjoy the spectacle of a deep [partial solar eclipse](#). This happens when the moon's orbit brings it almost perfectly in line with the sun, so the sun's disc is partially blocked out.

This eclipse will cause some very cool, yet subtle effects that everyone can see at home. Look for the shadows of pinpoints of light beneath trees to appear at crescents!

The sun is very dangerous to look at directly without the proper equipment, so please stay safe and view it using a [pinhole camera](#), or join the CIAS for a viewing event. We aim to be set up at Camana Bay near the cinema with solar projection equipment.

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.

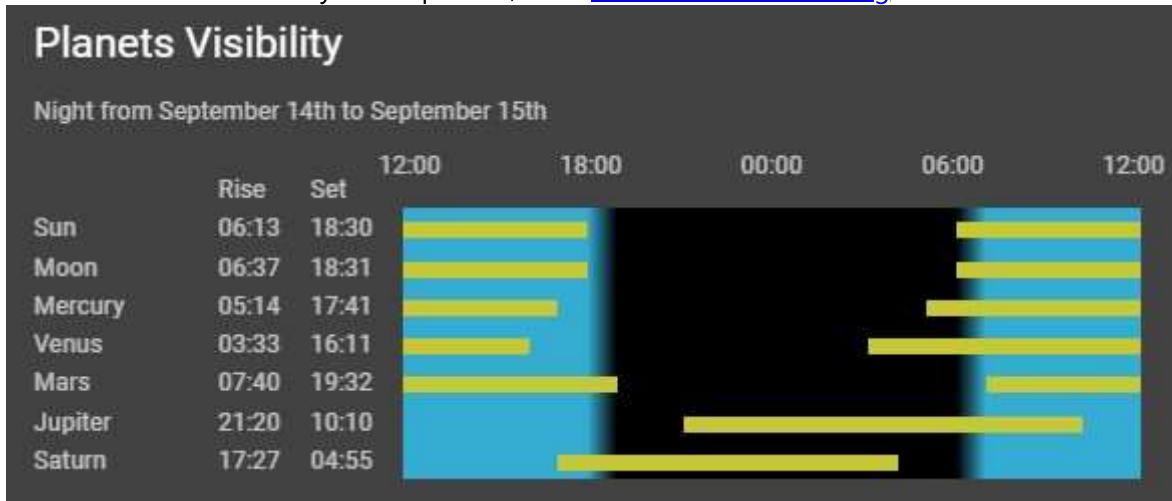
Learn more about how we can see the ISS in our explainer video <https://youtu.be/LDF6c8ONWS0>

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.	
14 Sep	-0.8	19:06:02	10°	W	19:07:59	15°	NW	19:09:57	10°	N	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
04 Oct	-2.0	19:22:39	10°	N	19:24:19	20°	NNE	19:24:19	20°	NNE	visible
05 Oct	-1.6	18:35:28	10°	NNE	18:36:57	12°	NE	18:38:27	10°	ENE	visible
05 Oct	-0.7	20:10:45	10°	WNW	20:11:40	16°	WNW	20:11:40	16°	WNW	visible
06 Oct	-3.6	19:22:02	10°	NW	19:25:20	70°	SW	19:26:18	42°	SSE	visible
07 Oct	-3.5	18:33:42	10°	NNW	18:36:56	47°	NE	18:40:09	10°	SE	visible
08 Oct	-0.8	19:22:59	10°	W	19:24:57	15°	SW	19:26:56	10°	SSW	visible
09 Oct	-1.8	18:33:33	10°	WNW	18:36:34	32°	SW	18:39:35	10°	S	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,

Ty

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Tiyen Miller
President

Cayman Islands Astronomical Society

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<http://www.cias.space>

<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)