

Astronomy: CIAS Newsletter - May 2022 - Meteor Storm Possibility, Public Stargazing, ISS passes

1 message

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29 May 2022 at 21:49

Meteor Storm over Cayman! (possibly...) - Monday 30 May 11:45pm



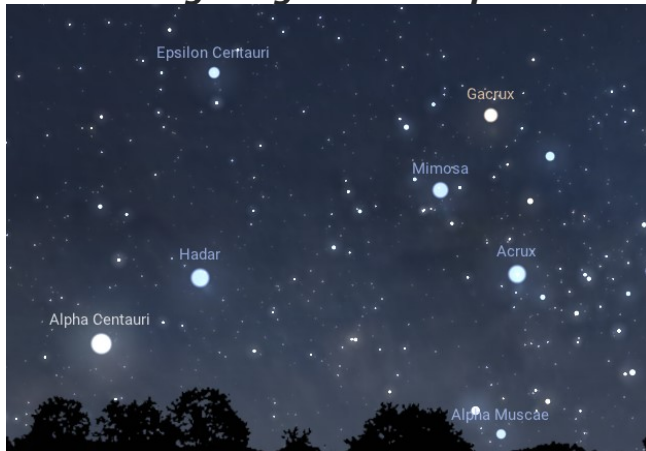
We may witness the greatest meteor storm of our lifetimes Monday, 30 May 2022 around midnight! Or... it could just be a clear night with no meteors at all.

As Earth passes through the debris field of an actively disintegrating comet, there could be 1000s of meteors per hour in the skies above! However, it's not possible to perfectly predict if we will even see any meteors at all since there is some uncertainty about where debris cloud has developed. It may be all or nothing, but certainly worth a shot!

Here in the Cayman Islands we are very well located to see this possible event, since it will all happen close to midnight, and the radiant point will be very high in the sky near the bright star, Arcturus.

Learn more in our video: https://www.youtube.com/watch?v=4__jshS2QH0

Public Stargazing Event at Spotts Landing Dock - Thurs 2 June 7:30pm



Join the Cayman Islands Astronomical Society for a evening of stargazing over the southern skies from 7:30pm on Thursday the 2nd of June.

We are excited to offer great views to the South from the Spotts Landing Dock.

We'll check out the Southern Cross, which is only seasonally visible in our evening skies.

You'll also learn how to identify Alpha Centauri, the closest star system to us beyond our sun.

Omega Centauri, a cluster of millions of stars that appears like diamonds spilt over velvet should look amazing!

All are welcome and the event is totally free. The event will be cancelled if there is more than 50% cloud cover, so check the facebook event page for the latest updates.

<https://fb.me/e/poAznnRcG>

Upcoming visible Space Station passes

There are some great ISS passes over the Cayman Islands coming up in the coming weeks. Here's a video to help explain how we can see the orbiting station from our position on the Earth's surface: <https://youtu.be/LDF6c8ONWS0>

[LDF6c8ONWS0](https://youtu.be/LDF6c8ONWS0)

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.	
02 Jun	-1.1	21:06:18	10°	NNW	21:07:17	17°	N	21:07:17	17°	N	visible
03 Jun	-1.6	20:18:53	10°	N	20:20:58	15°	NE	20:21:05	15°	NE	visible
04 Jun	-1.5	21:06:12	10°	NW	21:07:51	25°	WNW	21:07:51	25°	WNW	visible
05 Jun	-3.8	20:17:54	10°	NNW	20:21:12	65°	NE	20:21:45	52°	ESE	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
06 Jun	-2.5	19:29:57	10°	NNW	19:32:53	28°	NE	19:35:43	10°	ESE	visible
06 Jun	-0.7	21:08:16	10°	WSW	21:08:39	11°	WSW	21:08:39	11°	WSW	visible
07 Jun	-1.9	20:18:23	10°	WNW	20:21:08	24°	SW	20:22:40	17°	SSW	visible
08 Jun	-3.2	19:29:37	10°	NW	19:32:52	56°	SW	19:36:08	10°	SSE	visible
10 Jun	-0.9	19:31:08	10°	W	19:32:37	12°	SW	19:34:07	10°	SSW	visible

Date	Brightness (mag)	Start			Highest point			End			Pass type
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.	
18 Jun	-1.1	04:48:53	10°	SSE	04:50:56	15°	SE	04:52:59	10°	E	visible
20 Jun	-3.6	04:48:12	21°	SSW	04:50:18	71°	SE	04:53:37	10°	NE	visible
21 Jun	-2.2	04:01:55	29°	ESE	04:01:55	29°	ESE	04:04:43	10°	ENE	visible
22 Jun	-2.2	04:48:25	19°	W	04:49:45	24°	NW	04:52:32	10°	N	visible
23 Jun	-2.7	04:01:55	40°	N	04:01:55	40°	N	04:04:21	10°	NNE	visible
24 Jun	-0.4	03:15:20	13°	NE	03:15:20	13°	NE	03:15:45	10°	NE	visible
25 Jun	-1.1	04:01:32	12°	NNW	04:01:32	12°	NNW	04:02:20	10°	NNW	visible

CIAS Video Playlist

Here's a handy YouTube playlist to access our current and historical astronomy videos. <https://www.youtube.com/playlist?list=PLzPEIWGVm2mznzWa2gCnnmZ0QWPQpuEx2r>

CIAS Membership

Anyone is welcome to become a member of the CIAS. Just contact us either by email or in person at an event and we'll get you started. Full membership includes the ability to borrow club equipment, participate in special club events, eligibility for executive roles, and voting privileges. The annual dues are 15KYD.

Best regards, and wishing for clear skies!

Cheers,
Ty
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Tiyen Miller
President

Cayman Islands Astronomical Society

<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)