

TAWBAS Dark Sky Festival: August 29 – September 1, 2024

August 29 (Thu)	August 30 (Fri)	August 31 (Sat)	September 1 (Sun)
<p>Draft: 10 June 2024</p> <p>Subject to changes.</p>	<p>To be announced</p> <p>1:00 pm to 4:00 pm STEM Science Lab - STEM science activities <i>Hosted by Aurora Research Institute</i></p> <p>1:00 pm to 4:00 pm TAWBAS Presentations</p> <p>1:30 pm to 2:30 pm - Basic Astronomy & Our Night Sky - Is There Anyone Out There?</p> <p>2:45 pm to 3:45 pm - Night Sky & Migratory Birds (<i>Roland Dechesne</i>) - Basic Night Sky Photography (<i>Mark McGuire</i>)</p>	<p>To be announced</p> <p>1:00 to 3:30 pm Science Fairies - Science fair and exhibition</p> <p>-----</p> <p>Fort Smith Star Park</p> <p>1:00 pm to 2:30 pm Hike Our Solar System - Interpretive hiking tour of the solar system <i>Mike Couvrette / Roland Dechesne</i></p> <p>3:00 pm to 4:00 pm TAWBAS Presentation - Meteor Impacts (Earth Gets Smacked)</p>	<p>Fort Smith Star Park</p> <p>1:30 pm to 3:00 pm Hitch Hiker's Guide to the Galaxy - Interpretive hiking tour of the Milky Way <i>Arthur Dent, Ford Prefect, Zaphod Beeblebrox</i></p> <p>3:30 pm to 5:00 pm Solar Observing and Presentation - Exploring our sun</p>
<p>Fort Smith Star Park</p> <p>6:30 pm to 7:00 pm Welcoming thoughts and blessing</p>			
<p>Fort Smith Star Park</p> <p>7:00 pm to 8:00 pm Presentation - Indigenous Skies – <i>tba</i> <i>Stories - Indigenous perspectives of night sky</i></p> <p>8:00 pm to 9:30 pm Festival Social Opportunity - Relaxing meet and greet (refreshments, snacks)</p>	<p>To be announced</p> <p>7:00 pm to 8:00 pm Keynote Session - To be announced</p>	<p>To be announced</p> <p>7:30 pm to 9:30 pm Musical Interlude</p> <p>7:30 pm to 8:30 pm Space Themed Musical Medley - Hear snippets of classic tunes – all space themed</p> <p>8:30 pm to 9:30 pm Sunset Concert - Acoustic musical presentation (<i>sing-along</i>)</p>	
<p>Fort Smith Star Park</p> <p>9:30 pm to Midnight Observatory Tour - Dr. Roberta Bondar Northern Observatory</p> <p>Night Sky Viewing - Viewing / Night sky photography</p>	<p>Fort Smith Star Park</p> <p>8:30 pm to 9:30 pm DSF Theatrical Session - <i>Late Night, Double Feature, Picture Show</i></p> <p>9:30 pm and beyond Night Sky Observing - Guided and casual night sky viewing</p>	<p>To be announced / Dark Sky Site</p> <p>9:30 pm and beyond Fire Side Social and Stories</p> <p>Night Sky Viewing - Telescopes, constellation ID</p>	<p>Fort Smith Star Park</p> <p>9:00 pm to Midnight Observatory Tour - Dr. Roberta Bondar Northern Observatory</p> <p>Night Sky Viewing - Viewing / Night sky photography</p>

TAWBAS Dark Sky Festival – Original Activity Descriptions

Date / Time	Activity	Description
Thu – Aug 29 7:00 to 8:00 pm	Presentation - Indigenous Skies – <i>tba</i>	Details to follow.
Fri – Aug 30 1:00 to 4:00 pm	STEM Science Lab - STEM science activities	Engaging/interactive science activities to teach and entertain youth about STEM (science, technology, engineering and math).
Fri – Aug 30 1:30 to 2:30 pm	TAWBAS Presentations - Basic Astronomy & Our Night Sky	Your presenter will provide a casual tour of the night sky as viewed from your backyard. This “crash course” in stargazing will guide you through what you can see in the sky.
Fri – Aug 30 1:30 to 3:30 pm	TAWBAS Presentation - Is There Anyone Out There?	Details to follow.
Fri – Aug 30 2:45 to 3:45 pm	TAWBAS Presentation - Night Sky & Migratory Birds	Feature presenter, Roland Dechesne will examine the impact of Light Pollution on migratory birds as they traverse light polluted areas. He will also provide advice on reducing LP in your space.
Fri – Aug 30 2:45 to 3:45 pm	TAWBAS Presentation - Basic Night Sky Photography	Tawbas volunteer, Mark McGuire will demonstrate techniques and tips for photographing night sky objects with DSLR cameras and your cell-phone.
Fri – Aug 30 8:30 to 9:30 pm	DSF Theatrical Session - Late Night, Double Feature, Picture Show	Science fiction movie trivia session w prizes. From viewing short clips (~30 seconds) participants must guess movie name, starring actor or actress, etc. This will include some classic “B” movies.
Sat – Aug 31 1:00 to 2:30 pm	Hike Our Solar System - Interpretive hiking tour of the solar system	During this interpretive hike, Mike and Roland will demonstrate, using a scaled mock-up, the size and some of the key features of our solar system.
Sat – Aug 31 3:00 to 4:00 pm	TAWBAS Presentation - Meteor Impacts (Earth Gets Smacked)	Planet Earth has been bombarded by objects from space and many of them have left their marks in a big way. Presentation looks at the science of meteoroids and impact sites. Demonstration included.
Sat – Aug 31 7:30 to 8:30 pm	Space Themed Musical Medley - Hear snippets of classic tunes (<i>trivia</i>)	Music trivia session w prizes. Listen to space/science themed songs (a range of genre). Participants must provide the name of the song and the artist who performed our rendition of it.
Sun – Sep 1 1:30 to 3:00 pm	Hitch Hiker’s Guide to the Galaxy - Interpretive hiking tour of the Milky Way	During this interpretive hike, walk your way thru a scaled mock-up of the Milky Way. Visualize its size and hear about key aspects and some trivia about Arthur’s and Ford’s adventures.
Thu to Sun (Aug 29 – Sep1) 9:30 to midnight	Observatory Tour / Night Sky Viewing - Dr. Roberta Bondar Northern Observatory	Come view sky objects through telescopes and other equipment provided by TAWBAS.