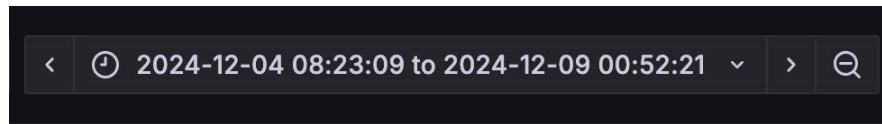


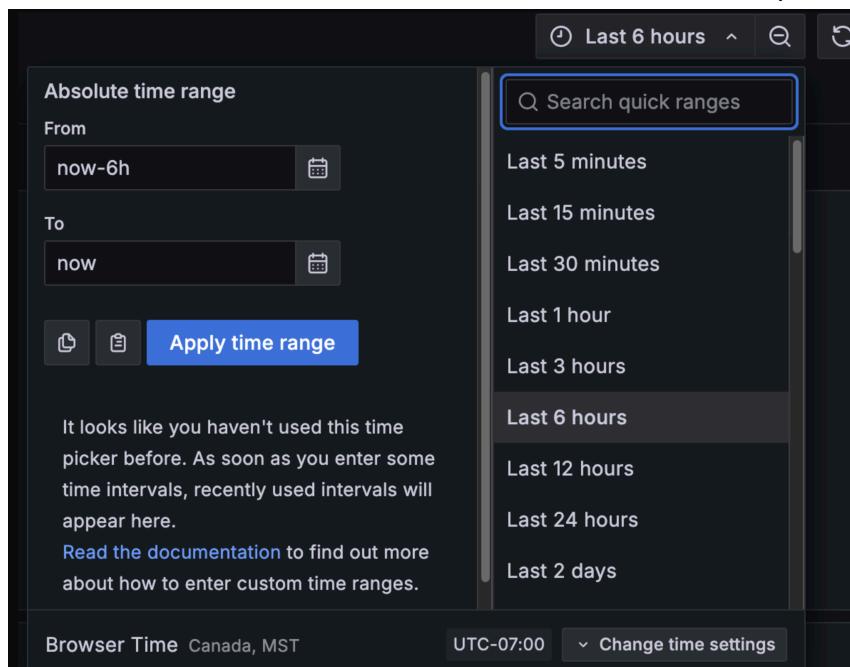


## Instructions for usage of DSN visualization

- The time axis is in MST.
- The radiance in  $\text{nW/cm}^2/\text{sr}$  is calculated using a zeropoint of  $M_0=21.15$  mag, following this work: Bara, Salva & Aubé, Martin & Barentine, John & Zamorano, Jaime. (2020). *Magnitude to luminance conversions and visual brightness of the night sky*. Monthly Notices of the Royal Astronomical Society. 493.10.1093/mnras/staa323.
- Hover over the graph to see SQM readings (mag/sq.asec), cloudiness ( $X^2$ ) and moon altitude (degrees).
- To change the displayed time range there are several options:
  - Click on the clock symbol at the top to set a time range:

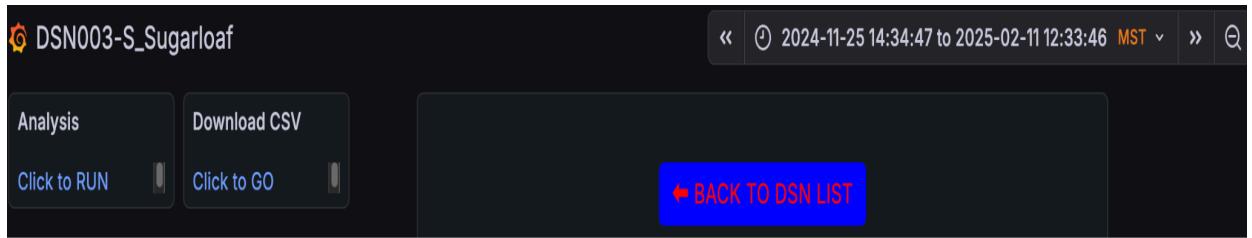


You will see a menu like this one, with several time options:

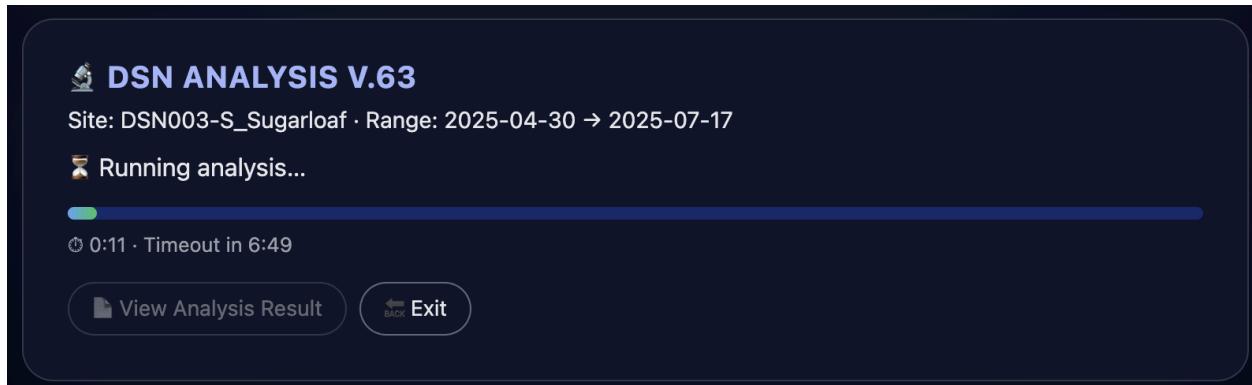


- Place the cursor on the graph, drag it left or right and release it for the desired time range.

- At the top left, as shown in the example below, there is an Analysis button and a Download CSV button.



- First, select a time range as described above.
  - Click on "Click to RUN" to open a new tab showing the view below. After a couple of minutes, you should be able to click on "View Analysis Results." Four plots are generated: a histogram of SQM readings, a heatmap, a jellyfish plot of SQM readings, and a histogram of chisquared values.



- Click on "Click to GO" to open a new tab showing the view below. After a couple of minutes, you should be able to click on "Download CSV." The file is then downloaded to your computer.

