

Alberta to see total lunar eclipse this week



Total eclipse of the Moon, December 20/21, 2010, taken from home with 130mm AP apo refractor at f/6 and Canon 7D at ISO 400 for 4 seconds, single exposure, shortly after totality began. (Photo Credit: Alan dyer/ Amazingsky.com)

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Alberta is expected to get a total lunar eclipse accompanying the fall's Full Beaver Moon this week.

Calgary astronomer Neel Roberts, The Royal Astronomical Society of Canada (RASC), says it will make for a good view of the "witching hour" on Tuesday morning just after midnight.

"The Penumbral stage begins at 1:02 a.m, partial eclipse 2:09 a.m., totality 3:16 a.m. peaking at 4:00 a.m. and all ending by 6:56 a.m. before sun rise," he said.

The Full Beaver Moon gets its name after the animals that build winter dams around this time of year.

'Blood red moon display'

Neel adds during the eclipse's peak, which is expected to last 86 minutes, people will be able enjoy the view of "a blood red moon display." It will be visible by the naked eye.

RASC Calgary will set up telescopes, so people can watch the Moon passes through the Earth's shadow, and momentarily completely disappearing at North Glenmore Park/Weaselhead and Nose Hill at 64th Avenue NW from 1:00 a.m. to 6:00 a.m.

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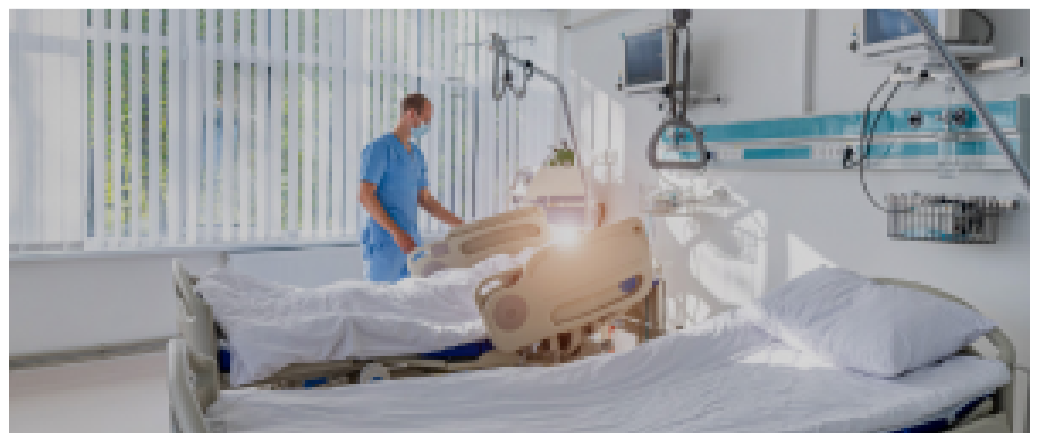
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RASC says all Calgarians are welcome to come and watch, as long as they dress warmly for the cold weather.

For tips on how to photograph the astronomical event, click [here](#).

The next eclipse is set to be in March 2025.

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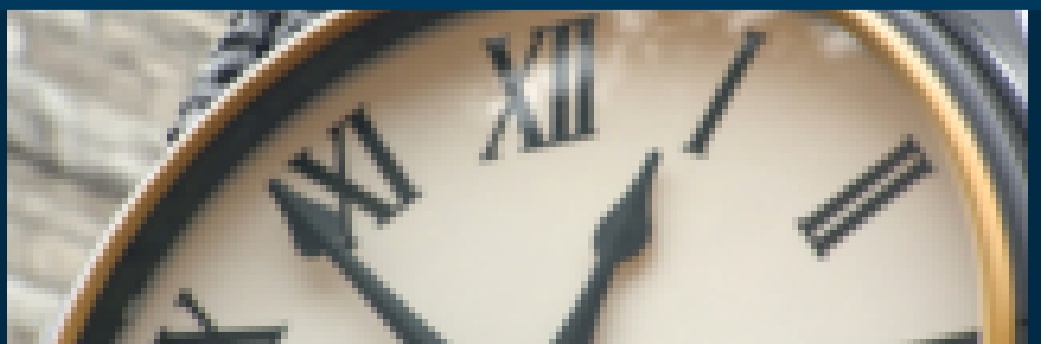
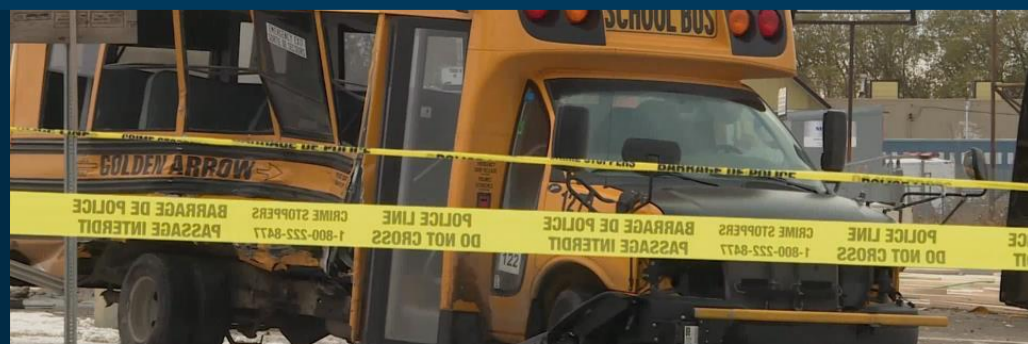
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