

Sun Transit Period Fall 2014

October 8, 2014, Kuujjuaq, (Québec)- As many of you are probably aware, we are approaching the sun transit period for Fall 2014. This is the time of the year where for a short period in the afternoon, the sun, the satellite and our satellite dish will be in a straight line for a few minutes. During this time, radio emission from solar radiation will cause enough interference with the signal from the satellite to interrupt the Internet service. This year, the sun transit period will begin on October 8th and finish on October 17th. The interruption will begin at approximately 2:50 pm and finish at the latest at 3:05pm.

During this time, Internet service will be interrupted in every Nunavik community, including videoconference services, so please plan accordingly.

Please see the table below, provided by Telesat, for predicted Internet outages.

Outage Date	Start local time (hh:mm:ss)	End local time (hh:mm:ss)	Duration (Minutes)	Max C/N degrad. (dB)
OCT. 8	14:53:28	15:00:40	7.2	1.88
OCT. 9	14:51:11	15:02:23	11.2	5.62
OCT. 10	14:49:55	15:03:07	13.2	11.09
OCT. 11	14:49:04	15:03:28	14.4	14.96
OCT. 12	14:48:37	15:03:25	14.8	16.58
OCT. 13	14:48:34	15:02:58	14.4	15.91
OCT. 14	14:48:44	15:02:20	13.6	12.99
OCT. 15	14:49:19	15:01:19	12	8.16
OCT. 16	14:50:30	14:59:42	9.2	3.05
OCT. 17	14:53:29	14:56:17	2.8	1.54

Please note also that long distance telephone service will also be affected, calling outside of your community. However, the interruption will occur about 30 minutes prior to Internet interruption because telephone service uses a different satellite.