

Community Monitoring Programs

Based on all the responses from 360 Nunavummiut survey participants, we created a list that describes the variety of community-based monitoring sources that are considered useful in assessing travel safety.

To access community reports (2023), please visit:
<https://straightupnorth.ca/community-wwic-uses-and-needs/>



Weather



Water



Ice



Other

Website link

Aqqiumavvik Society



A community alliance of public, mental, and community health groups in Arviat, Nunavut. They run many wellness programs in Arviat. A lot of information is shared through the Aqqiumavvik Facebook page.



Kangiqtugaapik (Clyde River) Weather Station



Provides weather data for several locations around Clyde River, including: sky condition, air temperature, wind direction, wind speed, maximum wind gust, relative humidity, pressure, barometer, and ground temperature.



SIKU



SIKU is the Indigenous Knowledge Social Network. It is an app and website that facilitates self-determination in research, education, and stewardship for Indigenous communities. With a free SIKU account, you can access map features that include: different kinds of basemaps and satellite imagery that are available to download for use offline.



Canadian Aerodrome Radio Stations (CARS)



ATS Services is a company that provides aviation weather and communications services at CARS across the Canadian Arctic. The Government of Nunavut web link provides more information, including local phone numbers to call each airport station.



Hello Weather



National toll-free numbers to access Weather and Marine forecasts by telephone:

English (1-833-79HELLO)

1-833-794-3556

French (1-833-79METEO)

1-833-586-3836



Local Co-op TV channel



Co-op Cable is available at community Co-op stores and is part of the Co-op System in the Arctic. On the local Co-op TV channel Environment and Climate Change Canada weather forecasts are often available.



SmartICE



SmartICE is a community-based Work Integrated Social Enterprise (WISE) that has developed climate change adaptation tools and services that integrate Inuit knowledge of sea ice with monitoring technology.



CBC (News, Iglaaq)



Provides Environment and Climate Change Canada weather forecasts online, on TV, and over radio including: daily high/low temperature, UV index, wind, humidity, precipitation, pressure, visibility, sunrise/sunset, satellite, and radar (where available).



Silanga



Provides local weather station data for several locations around Arctic Bay, Igloolik, Pond Inlet, and Milne Inlet. Weather conditions monitored include: temperature, humidity, wind strength and direction, wind gusts, wind chill, and trends over past 7 days.



University of Calgary - community weather stations



Brent Else is a Professor at the University of Calgary who has set up several local weather stations around Cambridge Bay to monitor: air temperature, wind speed, wind direction, relative humidity, and pressure.



Nunallaani Munaqhinirmik Pinahuarutit

Pihimablugit tamaita kiudjutait Nunavunmiunit naunaijainikkut ilaujunit, havaktavut titiraqhimajut tapkua naunaijaqhimajut aalatqiit nunallaanun-pihimajut munaqhidjutit ikajuutit tapkua ihumagijaujut atuqtaujut ihivriunnikkut aullaanikkut qajangnautit.

Tijaangani Nunavunmi-tamainun unniudjutit (2023),
aalallu nunallaani unniudjutit, takulugu:
<https://straightupnorth.ca/community-wwic-uses-and-needs/>

 Hila

 Imaq

 Hikumi

 Aallat

Qaritaujakkuurutaa turaarvikhaq

Arviani Aqgiumavvik



Nunallaami ikajuutait inungnun, ihumakkut, nunallaamilu aanniaqtailinirmun katimajiit Arviat, Nunavunmi. Aulavaktun amigaitunik inuuhirinikkut ilihairutikharnik Arviat. Amigaitut naunaitkutainik uqautaujut haffumuuna Aqgiumavvik Facebook makpirnia.



Kangiqtugaapik Hilahiutiqarvik Milvingmi Qaritaujakkuurutat



Tunihijut nunamingni hilatigut naunaijautit ikitunik najugahainik avatiini Kangiqtugaapingmi, ilaujut: ikkiakkut unnarniit, anurip humingarniit, anurip kajumingninga, hakuugingnia anurip, anugikkut, anurip aulanianun, imaalu nunakkut uunarnianun.



SIKU



SIKU Nunaqaqqaarhimajut Ilihimajuq Inungnut Havaqatigiikniq. Uuktuutikhaq qaritaujakkuurutillu pipkaivaktun inmiknik-ihumaliurutinik qaujiharninik, iliharnikkut, munarinnikkullu Nunaqaqqaarhimajut nunallaat. Akiitumik SIKU accountmik, pijaaqtatit SIKU nunaujat tautuknaqtut tapkua ilaujut: aalatqiit tunngaviit uvalu qangatayukkut piksait, nunaujallu piinarialgit iliugagiangani atungnirmun.



CARS - Canadian Aerodrome Naalauhiqivik



ATS Services nanminiaqtauq tapkua tunihijut tingmihiqinikkut hilatigut uvalu tuhaqtitinikkut kivgaqtuutunik uvani Nunallaani Aerodrome Naalautikkut Najugaini (CARS) tamaini Kanatami Ukiuqtaqtumi. Nunavut Kavamanga qaritaujakkuurutaa tunihijut aallanik naunaitkutikhanik, ilaujut nunamingni hivajautit nampait hivajarlutik tamainnut milviit.



Halu Hilahiutit



Nunarjuami akiitukkut napait pijaangini Hilatigut uvalu Tariumi itqurniarutait hivajautikkut:

Qablunaatun (1-833-79HELLO)
1-833-794-3556
Uviititut (1-833-79METEO)
1-833-586-3836



Nunamingni Co-op TV qun'ngiararhaq



Co-op Cable hailijuq nunallaani Co-op niuvaiviinni ilaujurlu Co-op System Ukiuqtaqtumi. Nunamingni Co-op TV-kut Avatiliqijitkut unalu Hilaup Aalangguqfirninga Kanata hilakkut itqurniarutait hailivaktut.



SmartICE



SmartICE nunallaanun-pihimajuq Havaanun Ilaliutihimajut Inungnun Havakviit (WISE) tapkua havaktauhimajut hilap aalanguqtirniranun hungiutinirmun ikajuutit uvalu kivgaqtuutit tapkua ilaujut Inuit ilihimajait tariup hikua munariblugit ajungnaqtut.



CBC (News, Igalaag)



Tunihijut Avatiliqijiit unalu Hilaup Aalanguqfirninganut Kanatami hilahiutit itqurniarutit qaritaujakkut, Tiivikkut, naalautikkutlu, ilaujut: ubluni uunaqpalaangitumik, UV naunaitkutaa, anuri, ailarnaqhijuuq, nipalukhaq, hilarlukhaq, takunnarnia, hiqiniq nuijuq/hiqiniq nipijuq, qangatayukkut, uvalu naunaiqhitiit (humi hailijut).



Silanga



Tunihijuuq nunagijaujumi hilap naunaitkutunik katitiqtauhimajut amihunik inikhanik haniani: Ikpiarjuk, Igloodik, Mittimatalik, unalu Milne Inlet. Hilap qanuriniit munagijaujut ilaujut: uunarniit, anurikkut hakugingniit uvalu atugakhat, anrikkut hakugikhiqattaqtut, wind chill, uvalu aulaniit avatqumajuni 7 ublut.



Iliharvikyuanga Calgary - nunallaami hilakkut



Brent Else Ayugituq talvani Iliharvikyuanga Calgary ihuaqhaihimajut qaffiujunik nunamingni hilarlungviknik iqaluktuutiami munaqhiplutik: anurip unnaunia, anurip kajumikpiaktumik, annuqqimik, ilaruiit, imaalu akhuuqhutik.



Upalungaijaqtaa uuma: **Madeleine Lutes & Gita Ljubicic**

Naunaittiarmaguvit talvuuna unniudjunmik anginirmiklu naunaijautit hivajarlugu:
Gita Ljubicic, McMaster-mi Ilihaqvikiyuami, gita.ljubicic@mcmaster.ca

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<https://straightupnorth.ca/community-wwic-uses-and-needs/>


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“בִּלְבָד נָדָה” (1-833-79HELLO)

1-833-794-3556

▶▶-▶▶-נכ" (1-833-79METEO)

1-833-586-3836

[illegible][illegible][illegible]

UNIVERSITY OF
CALGARY

[illegible]

በበጎጥጥር፡ ሲባል ነው & ስር ላይ

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ЋО ЈАЈЬ, ЉЉЊЃ ЂЃЃЃЃЃЃЃЃ, gita.ljubicic@mcmaster.ca

ወደፊት የክልሉን ጥፋት ለመቀነስ

ለጥንቃቄ ለመቀነስ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል። ለዚህም ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።

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<https://straightupnorth.ca/community-wwic-uses-and-needs/>



የወሰን ጥፋት ምንጮች

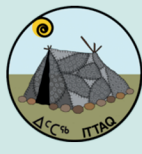
የወሰን ጥፋት ምንጮች



ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



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ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



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የወሰን ጥፋት ምንጮች (CARS)



ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



የወሰን ጥፋት ምንጮች (CBC)



ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



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ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



የወሰን ጥፋት ምንጮች



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የወሰን ጥፋት ምንጮች - ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።



በወሰን ጥፋት ምንጮች ላይ ማሳሰቢያ

ወደፊት ለመቀነስ ማድረግ የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።
የሚያስፈልጉትን ምንጮች ለመለየትና ለመቀነስ ማድረግ ይቻላል።
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Environmental Forecasting Products/Services

Based on all the responses from 360 Nunavummiut survey participants, we created a list that describes the variety of environmental forecast products/services that are considered useful in assessing travel safety.

To access community reports (2023), please visit:
<https://straightupnorth.ca/community-wwic-uses-and-needs/>



Weather



Water



Ice



Other

Website link

Environment and Climate Change Canada -
Weather Forecast



Daily high/low temperature, cloud conditions, pressure, dew point, humidity, precipitation, wind, visibility, air quality, weather radar (where available), jet stream, satellite, lightning, average and extreme conditions, and sunrise/sunset.



Windy.com



Weather radar and satellite data, wind speed and direction, rain, snow, thunder, temperature, dew point, humidity, UV index, clouds, fog, visibility, waves, sea temperature, currents, extreme forecast, and weather warnings.



The Weather Network



Temperature, wind, humidity, visibility, sunrise/sunset, air quality, wind gust, pressure, ceiling, and weather radar (where available).



Environment and Climate Change Canada -
Marine Forecast



Marine warnings, watches, advisories, tropical cyclone statements, winds, waves, weather, visibility, air temperature, ice conditions, and technical marine synopsis.



MetNorway_(YR)



Maximum/minimum temperature, precipitation, wind speed and direction, UV forecast, Aurora forecast, sunrise/sunset, moonrise/moonset, and map visuals for weather, wind, and lightning.



Tide-Forecast



High tide and low tide times, sea conditions, wave height, sea temperature, moon phase, sunrise/sunset, weather forecast and summary, wind, temperature, precipitation, visibility, gusts, and cloud.



Floe Edge Monitoring Service*



Provides near-real time satellite imagery and information to arctic communities to support safe navigation on and off the ice. Images are marked with up-to-date information on floe edge location, areas of landfast sea ice cover, movement of landfast ice, tidal cracks, polynyas, and tracking of moving ice floes.

*Requires a free account



Environment and Climate Change Canada -
Canadian Ice Service



Ice and iceberg bulletins, ice edge, ice concentration, stage of ice development, daily and regional ice charts, historical data ice coverage, historical total accumulated ice coverage, weekly ice coverage for the season, and image analysis.



Fisheries and Oceans Canada -
Tide Tables



7-day and hourly tides, predicted times of weak and strong currents, and water levels.



NASA Worldview



EODIS: full-resolution, daily satellite imagery from a number of different satellites.

MODIS: "Moderate Resolution Imaging Spectrometer" and provides optical satellite images that show land/water surface, cloud conditions, and atmospheric measurements.



Prepared by: **Madeleine Lutes & Gita Ljubicic**

For more information contact: **Gita Ljubicic**, McMaster University, gita.ljubicic@mcmaster.ca

Hilahiutit Itqurniarutait Hunat/Kivgaqtuutit Ikayuutikhat

Pihimablugit tamaita kiudjutait Nunavunmiunit naunaijainikkut ilaujunit, havaktavut titiraqhimajut tapkua naunaijaqhimajut aalatqiit nunallaanun-pihimajut munaqhidjutit ikajuutit tapkua ihumagijaujut atuqtaujut ihivriunrnikkut aullaanikkut qajangnautit.

Tijaangani Nunavunmi-tamainun unniudjutit (2023),
aalallu nunallaani unniudjutit, takulugu:
<https://straightupnorth.ca/community-wwic-uses-and-needs/>



Hila



Imaq



Hikumi



Aallat

Qaritaujakkuurutaa turaarvikhaq



Avatiliqijitkut unalu Hilaup Aalannguqtirninga Kanata - Hilahiutit Itqurnirutit

Ubluni uunaqtuq/ uunaqpalaangitumik, nuvujat qanuriniit, hilalungniq, niglaqtittuq, ailarnaqhijuuq, nipalukhaq, qanikhaq, anuri, unngahiktumut takunnarnia, ikkiap nakuuningat, hilaamik naunaiqhitiit, (humi hailikpata), tingmitirjuat pujuit, qangatayukkut, kalluk, aktilaangit uvalu akhut qanuriniit, uvalu hiqiniq nuijuq/hiqiniq nipijuq.



Anuri (Windy.com)



Hilap naunaiqhitiit unalu qangatayukkut katitiqtait, anuri kajumiktilaanga uvalu atugakhaq, nipaluk, qanik, kalluk, uunarnia, niglaqtittuq, ailarnaqhijuuq, UV naunaitkutaa, nuvujat, taktuuk, tautuknaqtuq, maliit, tariup unnarnia, harvaqarniit, akhut itqurniarutit, hilakkut qajagijaujut.



Hilakkut Tiiviikkurutit



Uunarnia, anuri, ailarnaqhijuuq, takunnarnia, hiqiniq nuijuq/hiqiniq nipijuq, ikkiap qanuriniit, uvalu hilap naunaiqhitiit (humi piinariaalaqikpat).



Avatiliqijitkut unalu Hilaup Aalannguqtirninga Kanata - Tariumi itqurniarutait



Tariumi qajarijaujukhat, qungiaqtaujut, uqaudjijut, tropical cyclone uqaqhimajait, anuri, malik hiakkut, takunnarnia, ikkiap unnarnia, hikup qanuriniit, uvalu ajungnaqtutigit taiurmi naunaitkutait.



MetNorway (YR)



Anginiqhait/mikiniqhaq uunarnia, hilap kajumiknia uvalu atugahaq, UV itqungniarutit, Aqhaliat itqurniarutit, hiqiniq nuijuq/hiqiniq nipijuq, tatqiaqikhijuuq/tatqiiqtuq, nunaujamilu tautunnaqtut hilaamik, anuri, uvalu kalluk.



Tinitparvia ulitparvia itqurniarutait



Ulittuq tinittuq ikaarnikhait, tarium qanuriniit, maliqtut angitilangit, tariup imaata unnaqtilanga, tatqiq aullania, hiqiniq nuijuq/hiqiniq nipijuq, hilahiutit itqurniarutit/naittumik, anuri, unnarnia, ailaqtuq, takunanrnia, anuqaqtuq, uvalu nuvujat.



Avatiliqijitkut unalu Hilaup Aalannguqtirninga Kanatami - Kanatami Hikukkut Ikajuutikhat



Hikup uvalu piqalujait naunaitkutait, hikup kiklia, hikup iluani, qanurinianik hikup pivallianianut, ubluq tamaat uvalu avikturniini hikukkut naunaitkutit, ingilraat naunaijautit hikuqarnianik, ingilraat atautimut katitiqhimajut naunaijautit hikuqarnianik, havainirmi naunaijautit hikuqarnianik ilangani ukiup, uvalu piksat naunaijautit.



Iqalukhiutit Tariukkut Kanatami - Tinilvikhanik Ulitvikhanik Naunaitkutit



7-ubluni ikaarnirmi, i ulitpangniit, itqurniaqhugit hakuittut hakugiktut harvaqarniit, imarlu aktilaangit.



Hikuilrup Hinaa Munaqhidjutikhanut Kivgaqtuutit* c-core

Tunihijuuq qanituani ikaarniagu qangatayukkut piksanik uvalu naunaiqhitiikhat ukiuqtaqtumi nunallaanun ikajuutikhat qajangnaitumik aullavikhanik hikumi uvalu ahia hikup. Piksat naunaitkutiqaqtut nutaanik naunaiqhitiikhat hikuilrup hinaa najugaini, najugait nunangit hikup qaanga, ingutaarutaa nunap hikua, ulinnianit quppait, hikuilrut, uvalu naunaijaqhugit hikumi hikuilrut.

*Piqaqtukhat akiqangitumik atiqarvikhamingnik



NASA Worldview



EOSDIS: tamaat-qaujimaniiq, ubluturaagat qangatayukkut piksanit qaffinit aalatqiinit qangattaqhimajut.

MODIS: "Huvallangittuq Pigiaqtitauhimajuuq Piksaliuqti Spectrometer" tunihijuuq nakuujunik qangatayukkut piksanik tautuktittivaktun nuna/imarmik qanganiittunik, nuvujat qanuriliurutinik, ukunanilu quvianaqtunik qanuriliurutinik.



Upalungaijaqtaa uuma: **Madeleine Lutes & Gita Ljubicic**

Naunaittiarmaguvit talvuuna unniudjunmik anginirmiklu naunaijautit hivajarlugu:
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ᐊᓂᓴᓂ ᑕᓚᑦᑕᓂᑦᑕᓂ ᑭᐅᓴᑦᑕᐅᓴᑦ ᓄᓇᓂᓴᑦᑕᐅᓂᑦ ᐊᓚᓴᓂᑭᓂᓄᑦ ᑭᐅᓚᓴᓂᑦ, ᐊᓴᓴᓂᑭᓂᑕᐅᓴᓂᑕᓂ ᑭᑭᓴᓴᓂᑕᐅᓴᓂᑦ ᐅᓴᓴᑕᓂᓴᓂᑦᑕᓂᑦ ᐊᓴᓂᓴᓂᑕᓂᑦ ᐊᓴᓂᓴᓂ ᑕᓚᑦᑕ ᓇᓇᐅᑦᑕᓴᓴᓂᑦ/ᓚᓴᓂᑕᓂᑦ ᐅᓴᓴᓂᑦᑕᓂᑦ ᐊᓂᓴᓂᓴᓂᑦᑕᓂᑦ ᐊᓴᓂᓴᓂᑦᑕᓂᑦ ᐊᓴᓂᓴᓂᑦᑕᓂᑦ ᐊᓴᓂᓴᓂᑦᑕᓂᑦ ᐊᓴᓂᓴᓂᑦᑕᓂᑦ.

ᐃᑭᑦᐅᑲᓴᓚᑎᑲᑦᑳᑦ ᐱᓕᑲᑯᐸ ᐅᑦᑲᑦ ᑭᑲᓄᑦ ᐱᒻᒪᐅ ᐱᓕᑎᑦᑲᓴᐅᓕᑲᑲ ᑲᐅᑲᓴᐅᐅᓕᑲᑲ ᑲᐅᑲᑎᑦᐅᑲ:
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