

IIb. NDACC Intermittent or Campaign Measurement Activities (Locations for Each Instrument Type. See Section IIa for details.)

Dobson Spectrophotometers/Brewer Spectrometers

None

FTIR

Eureka, Canada (80.05°N, 86.42°W)
Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)
Esrange, Sweden (67.9°N, 21.1°E)
Søndre Strømfjord, Greenland (66.99°N, 50.95°W)
Fairbanks, AK, USA (64.82°N, 147.87°W)
Harestua, Norway (60.2°, 10.8°E)
Aberdeen, UK (57.15°N, 2.15°W)
Jungfrauoch, Switzerland (46.55°N, 7.98°E)
Mt. Barcroft, CA, USA (37.58°N, 118.24°W)
Table Mountain, CA, USA (34.4°N, 117.7°W)
Lauder, New Zealand (45.04°S, 169.68°E)
Ship-Based Measurements

Lidar (Aerosol)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)
Sodankylä, Finland (67.37°N, 26.65°E)
Prestwick, Scotland (55.50°N, 4.61°W)
Lindenberg, Germany (52.21°N, 14.12°E)
Hohenpeissenberg, Germany (47.80°N, 11.02°E)
Observatoire Haute Provence, France (43.94°N, 5.71°E)
Greenbelt, MD, USA (38.9°N, 76.7°W)
Table Mountain, CA, USA (34.4°N, 117.7°W)
Mauna Loa, HI, USA (19.54°N, 155.58°W)
Paramaribo, Surinam (5.75°N, 55.2°W)
Reunion Island, France (20.9°S, 55.5°E)
Lauder, New Zealand (45.04°S, 169.68°E)
Punta Arenas, Chile (53.17°S, 70.93°W)
Ship-Based Measurements

Lidar (Ozone)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)
Sodankylä, Finland (67.37°N, 26.65°E)
Hohenpeissenberg, Germany (47.80°N, 11.02°E)
Observatoire Haute Provence, France (43.94°N, 5.71°E)
Greenbelt, MD, USA (38.9°N, 76.7°W)
Table Mountain, CA, USA (34.4°N, 117.7°W)
Mauna Loa, HI, USA (19.54°N, 155.58°W)
Reunion Island, France (20.9°S, 55.5°E)
Lauder, New Zealand (45.04°S, 169.68°E)

Lidar (Temperature)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)
Sodankylä, Finland (67.37°N, 26.65°E)
Hohenpeissenberg, Germany (47.80°N, 11.02°E)
Observatoire Haute Provence, France (43.94°N, 5.71°E)
Greenbelt, MD, USA (38.9°N, 76.7°W)
Table Mountain, CA, USA (34.4°N, 117.7°W)
Mauna Loa, HI, USA (19.54°N, 155.58°W)
Reunion Island, France (20.9°S, 55.5°E)
Lauder, New Zealand (45.04°S, 169.68°E)

Lidar (Trop. Ozone)

Greenbelt, MD, USA (38.9°N, 76.7°W)

Lidar (Water Vapor)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)
Sodankylä, Finland (67.37°N, 26.65°E)
Hohenpeissenberg, Germany (47.80°N, 11.02°E)
Observatoire Haute Provence, France (43.94°N, 5.71°E)
London, Ontario, Canada (43.1°N, 81.34°W)
Beltsville, MD, USA (39.054°N, 76.887°W)
Greenbelt, MD, USA (38.9°N, 76.7°W)
Table Mountain, CA, USA (34.4°N, 117.7°W)
Mauna Loa, HI, USA (19.54°N, 155.58°W)
Reunion Island, France (20.9°S, 55.5°E)
Lauder, New Zealand (45.04°S, 169.68°E)

Microwave (CO)

Thule, Greenland (76.53°N, 68.74°W)

Microwave (ClO)

Thule, Greenland (76.53°N, 68.74°W)
McMurdo Station, Antarctica (77.85°S, 166.63°E)

Microwave (HNO₃)

Thule, Greenland (76.53°N, 68.74°W)

Microwave (Ozone)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)

Thule, Greenland (76.53°N, 68.74°W)

Reunion Island, St. Denis, France (20.9°S, 55.5°E)

South Pole Station, Antarctica (90.00°S)

Microwave (Water Vapor)

Ny Ålesund, Spitsbergen (78.92°N, 11.93°E)

Sodankylä, Finland (67.37°N, 26.65°E)

Reunion Island, France (20.9°S, 55.5°E)

Microwave (Wind)

Andoya, Norway (69.28°N, 16.01°E)

Sodankylä, Finland (67.37°N, 26.65°E)

Observatoire Haute Provence, France (43.94°N, 5.71°E)

Reunion Island, France (20.9°S, 55.5°E)

Sondes (Aerosol)

Heiss Island, Russia (80.6°N, 58.1°E)

Resolute, Canada (74.7°N, 95.0°W)

Dikson Island, Russia (73.50°N, 80.23°E)

Søndre Strømfjord, Greenland (66.99°N, 50.95°W)

Salekhard, Russia (66.5°N, 66.7°E)

Arkhangel'sk, Russia (64.6°N, 40.5°E)

Mineapolis, MN, USA (45.14°N, 93.21°W)

Sondes (Ozone)

Aberystwyth, UK (52.4°N, 4.1°W)

Spectral UV

Hanover, Germany (52.39°N, 9.70°E)

Izaña (Tenerife), Spain (28.30°N, 16.48°W)

UV/Visible Spectrometers

Lerwick, UK (60.1°N, 1.1°E)

Aberdeen, UK (57.15°N, 2.15°W)