



Date: 18.03.2025

Ongoing monitoring in Ny-Ålesund Research Station

Ny-Ålesund Research Station serves as a vital hub for Arctic research and monitoring, hosting a wide range of scientific activities aimed at understanding environmental changes and their global implications. Monitoring activities play a crucial role in this research ecosystem, providing long-term, high-quality datasets essential for detecting trends, validating models, and facilitating interdisciplinary studies. The monitoring activities taking place in Ny-Ålesund are carried out by a number of institutions and countries, and no common overview of all these exists. Since the 59th NySMAC meeting in November 2023, NySMAC has had enhanced focus on monitoring in Ny-Ålesund, as part of a long-term goal to establish a common monitoring program for Ny-Ålesund Research Station. This report is a step on the way, and it presents the most comprehensive overview of the data set collected in Ny-Ålesund Research Station.

The underlying data for this overview is taken from the thematic layer of research objects in Ny-Ålesund in the Svalbardkartet (Svalbard Map) - this is what NySMAC commonly refers to as the Ny-Ålesund GIS system. The Ny-Ålesund GIS provides information on research objects (instruments, installations and field sites) in Ny-Ålesund, where they are location, who is the owner, which data parameters are collected from/at the object, where the data is available, when the objects was installed etc.

The report in had summarize this information, but instead of sorting it on object, it is sorted on measured parameters. In this way it is more useful for researchers who are interested in some spesific type of data, so see what is available in Ny-Ålesund.

In addition to this, NySMAC institutions have been asked to identify which of the parameters (i.e. data sets) are considered to be part of the institutions monitoring activities in Ny-Ålesund.

To help the institutions assinging what is monitoring, the NySMAC community collectively defined three general criterias during aworkshop held in Rome on October 23, 2024:

1. **Time Series Length:** Monitoring typically involves time series extending beyond five years. Exceptions may be made for shorter time series if the data is deemed particularly significant. Institutions should express their commitment to the continuity of these measurements.
2. **Quality and Standards:** The data must adhere to high quality standards, employ consistent methodologies, and ideally be internationally comparable. A clear protocol for data collection is essential to ensure reliability.
3. **Open Access:** Data should be openly accessible in common formats, with timely availability to facilitate use by the broader research community.

Having these criterias as guidelines, the NySMAC institutions themself made the assessment. The institutions were also asked to provide information if these data sets fed into international networks or programs.

How to read the information in this report?

The data in this report is presented focusing on the observed parameter. The observed parameter is taken from the vocabulary in the NASA Global Change Master Directory (GCMD) Keywords. Three levels in the GCMD keyword three under the category Earth Science has been used, and the information is presented in tables organized by the relevant 'TOPIC,' 'TERM,' and 'OBSERVED VARIABLE'.

For each Observed Variable a table is listed, giving all the objects collection this Observed Variable. The columns in the table are as follows:

- 'OBJECT ID' refers to the registration in the Ny-Ålesund GIS system and can easily be located in [the online Svalbard map](#) using the available filtering. By searching for an OBJECT ID, additional metadata about the object, such as owners and contact information to the owners is available.
- 'RIS-ID' indicates the project number in the [Research in Svalbard portal](#), where more details about the associated project can be found.
- 'LOCATION' gives the geographical name of where the object is located
- 'INSTITUTION' provides information on the object's owner
- 'START DATE' is when the object was set up
- 'LINK TO DATA/DOIs' provides link to dataset or doi to where the data can be found.
- 'PART OF MONITORING' reflects the institution's own assessment of whether the activity qualifies as monitoring.
- 'PART OF GLOBAL NETWORK' indicates whether the data is submitted to a global/regional network or program, and if so, specifies which network.

Below is an example of a table in the report:

ATMOSPHERE (TOPIC)

AIR QUALITY (TERM)

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/DOIS	PART OF MONITORING?	PART OF GLOBAL NETWORK?
----------------------	--------------	-----------	-------------	----------	-------------	---------------	----------------------	------------------------	-------------------------------

CARBON AND HYDROCARBO N COMPOUNDS	5717	1054 7	Eddy Covariance System	Ny-Ålesund (CCT)	Korean Polar Research Institute (KOPRI)	19.09.2011	Link	YES	NO
--	------	-----------	---------------------------	------------------	---	------------	----------------------	-----	----

Please note that there may be errors in the provided overview, or the overview is not fully complete. This is continuous work.

Results overview

Table 1 summarizes the information included in the Ny-Ålesund GIS system. Today, the system contains a total of 975 registrations of observed variables, divided between 11 topics and 974 observed variables. Of these, 760 observed variables have been classified as monitoring by the institutions responsible for the registrations (data owners).

Table 1 – summary of registered observed variables in total and as part of monitoring in Ny-Ålesund Research Station.

Topic	Total number of observed variables	Total number of observed variables - with data link	Total number of observed variables – considered to be monitoring	Total number of observed variables considered to be monitoring – delivering data to networks
ATMOSPHERE	324	217	283	108
BIOLOGICAL CLASSIFICATION	13	7	6	2
BIOSPHERE	175	59	147	31
CLIMATE INDICATORS	44	41	40	38
CRYOSPHERE	154	144	139	41
LAND SURFACE	41	23	25	2
OCEANS	130	126	123	49
SOLID EARTH	33	13	31	10
SPECTRAL/ENGINEERING	37	7	16	1
SUN-EARTH INTERACTIONS	13	10	11	1
TERRESTERIAL HYDROSPHERE	18	16	11	3
In total	988	674	848	288

Table of contents

Ongoing monitoring in Ny-Ålesund Research Station.....	1
How to read the information in this report?	2
Results overview	4
ATMOSPHERE.....	10
AEROSOLS	10
AIR QUALITY	17
ATMOSPHERIC CHEMISTRY	19
AIR QUALITY	26
ATMOSPHERIC ELECTRICITY.....	28
ATMOSPHERIC PRESSURE.....	29
ATMOSPHERIC RADIATION	30
ATMOSPHERIC TEMPERATURE.....	34
ATMOSPHERIC WATER VAPOR	41
ATMOSPHERIC WINDS.....	45
CLOUDS.....	49
PRECIPITATION.....	51
BIOLOGICAL CLASSIFICATION	54
ANIMALS/INVERTEBRATES	54
PLANTS	56
BIOSPHERE	56

AQUATIC SYSTEMS	56
ECOLOGICAL DYNAMICS.....	57
ECOSYSTEMS	59
OMICS	62
VEGETATION.....	63
CLIMATE INDICATORS	92
CRYOSPHERIC INDICATORS	92
CRYOSPHERE	107
FROZEN GROUND	107
GLACIERS/ICE SHEETS	108
SEA ICE	131
SEA ICE CHEMISTRY	132
SNOW/ICE	133
LAND SURFACE	138
FROZEN GROUND	138
SOILS	140
OCEANS.....	144
COASTAL PROCESSES	144
MARINE SEDIMENTS	145
OCEAN ACOUSTICS.....	146
OCEAN CHEMISTRY	146
OCEAN CIRCULATION	150

OCEAN HEAT BUDGET	151
OCEAN OPTICS	153
OCEAN PRESSURE	155
OCEAN TEMPERATURE	156
SALINITY/DENSITY	160
OPTICS.....	165
SOLID EARTH.....	167
GEODETICS.....	167
GEOMAGNETISM	171
GRAVITY/GRAVITATIONAL FIELD	172
TECTONICS	173
GAMMA RAY	173
INFRARED WAVELENGTHS.....	174
RADAR	174
VISIBLE WAVELENGTHS.....	175
SPECTRAL/ENGINEERING.....	178
GAMMA RAY	178
INFRARED WAVELENGTHS.....	179
RADAR	179
VISIBLE WAVELENGTHS.....	180
SUN-EARTH INTERACTIONS.....	184
IONOSPHERE/MAGNETOSPHERE DYNAMICS.....	184

SOLAR ACTIVITY	187
SOLAR ENERGETIC PARTICLE FLUX.....	187
TERRESTRIAL HYDROSPHERE	188
GROUND WATER	188
SNOW/ICE	189
SURFACE WATER	190
WATER QUALITY/WATER CHEMISTRY	190

ATMOSPHERE

AEROSOLS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/DOIS	PART OF MONITORING?	PART OF GLOBAL NETWORK?
AEROSOL ABSORPTION	25527	3615	Soot photometer (MAAP)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2016	Link	YES	ACTRIS
AEROSOL BACKSCATTER	5931	2399	Lidar (KARL)	Ny-Ålesund (AWIPEV Atmospheric Observatory)	Alfred Wegener Institute (AWI)	1/10/1999	Link	YES	NDACC
AEROSOL BACKSCATTER	5544	3615	Nephelometer	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/1989	Link	YES	ACTRIS
AEROSOL EXTINCTION	5931	2399	Lidar (KARL)	Ny-Ålesund (AWIPEV Atmospheric Observatory)	Alfred Wegener Institute (AWI)	1/10/1999	Link	YES	NDACC
AEROSOL EXTINCTION	5817	3693	Radiance nephelometer	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	1/1/2010	Link	YES	NO
AEROSOL EXTINCTION	24466	3693	Aethalometer		National Research Council of Italy (CNR)	12/1/2021	Link	YES	NO

AEROSOL OPTICAL DEPTH/THICKNESS	5922	2353	Sunphotometer	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	1/3/1991	Link	NO	
AEROSOL OPTICAL DEPTH/THICKNESS	5932	2353	Star photometer	Ny-Ålesund (AWIPEV Atmospheric Observatory)	Alfred Wegener Institute (AWI)	1/1/2000	Link	YES	NO
AEROSOL OPTICAL DEPTH/THICKNESS	5677	3274	Sun photometer	Ny-Ålesund (Sverdrup)	NILU	1/3/2012	Link	YES	GAW-PFR, National
AEROSOL PARTICLE PROPERTIES	5723	11033	Condensation Particle Counter	Ny-Ålesund (Zeppelin observatory)	Korean Polar Research Institute (KOPRI)	10/1/2016	Link	YES	Shared with EBAS
AEROSOL PARTICLE PROPERTIES	5724	11033	NaNOScanning Mobility Particle Sizer (Nano-SMPS)	Ny-Ålesund (Zeppelin observatory)	Korean Polar Research Institute (KOPRI)	10/1/2016	Link	YES	Shared with EBAS
AEROSOL PARTICLE PROPERTIES	5630	10801	Aerosol sampler	Ny-Ålesund (Zeppelin Observatory)	Meteorological Research Institute	1/4/2017		NO	
AEROSOL PARTICLE PROPERTIES	5636	10176	10-line Global Sampler	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	7/25/2019		YES	
AEROSOL PARTICLE PROPERTIES	5649	10176	10-line Global Sampler	Ny-Ålesund (Zeppelin Observatory)	National Institute of Polar Research (NIPR)	11/3/2018		YES	

AEROSOL PARTICLE PROPERTIES	11264	11730	Low-volume air sampler	Ny-Ålesund (Zeppelin Observatory)	Nagoya University	12/3/2021		NO	
AEROSOL PARTICLE PROPERTIES	11265	11730	High-volume air sampler	Ny-Ålesund (Gruvebadet)	Nagoya University	12/3/2021		NO	
AEROSOL PARTICLE PROPERTIES	11664	11938	Low-volume air sampler	Ny-Ålesund (Gruvebadet)	Nagoya University	2/28/2022		NO	
AEROSOL PARTICLE PROPERTIES	21664	10176	Optical particle counter	Ny-Ålesund (Zeppelin Observatory)	National Institute of Polar Research (NIPR)	2/27/2024		YES	
AEROSOL PARTICLE PROPERTIES	15665	12481	Aethalometer	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	9/1/2019	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	16064	12481	Aerodynamic Particle Sizer (APS) spectrometer	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	7/1/2023		YES	NO
AEROSOL PARTICLE PROPERTIES	5546	3615	Differential Mobility Particle Sizer (DMPS)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	11/1/2014	Link	YES	ACTRIS
AEROSOL PARTICLE PROPERTIES	5547	3615	Differential Mobility Particle Sizer (DMPS)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2000	Link	YES	ACTRIS

AEROSOL PARTICLE PROPERTIES	5550	3615	Optical Particle Counter (OPC)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2019		YES	
AEROSOL PARTICLE PROPERTIES	5545	3615	Condensation Particle Samler (CPC)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2000	Link	YES	ACTRIS
AEROSOL PARTICLE PROPERTIES	25528	3615	Volatility Tandem Differential Mobility Analyzer (DMA)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2025	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5818	3693	Atmospheric gondola for aerosol profiles (AGAP)	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	9/1/2014	Link	NO	NO
AEROSOL PARTICLE PROPERTIES	5840	3693	Particle Soot Absorption Photometer (PSAP)	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	2/1/2010	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5858	3693	High Volume Air Sampler	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	1/1/2014	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5861	11449	High Volume Sampler	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	4/1/2018	Link	NO	NO
AEROSOL PARTICLE PROPERTIES	5852	3693	Atmospheric Particulate Matter Sampler Echo-PM	Ny-Ålesund (Gruvebadet)	University of Florence	1/1/2010	Link	YES	NO

AEROSOL PARTICLE PROPERTIES	5853	3693	Tecora Echo- PUF	Ny-Ålesund (Gruvebadet)	University of Florence	1/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5854	3693	Dekati 12-Stage Impactor	Ny-Ålesund (Gruvebadet)	University of Florence	1/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5856	3693	Scanning Mobility Particle Sizer (SMPS) spectrometers	Ny-Ålesund (Gruvebadet)	University of Florence	1/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5857	3693	Aerodynamic Particle Sizer (APS) spectrometer	Ny-Ålesund (Gruvebadet)	University of Florence	1/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5859	3693	Air Sampler Pixe	Ny-Ålesund (Gruvebadet)	University of Florence	2/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5860	3693	Air Sampler	Ny-Ålesund (Gruvebadet)	University of Florence	2/1/201 0	Link	YES	NO
AEROSOL PARTICLE PROPERTIES	5983	1103 1	Neutral cluster and air ion spectrometer (NAIS)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/201 8		YES	
AEROSOL PARTICLE PROPERTIES	5984	1103 1	Cluster Ion Counter (CIC)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/201 9		YES	

AEROSOL PARTICLE PROPERTIES	5983	11031	Neutral cluster and air ion spectrometer (NAIS)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2018		YES	
AEROSOL PARTICLE PROPERTIES	5984	11031	Cluster Ion Counter (CIC)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2019		YES	
CARBONACEOUS AEROSOLS	5647	10458	Rain Sampler	Ny-Ålesund (Sverdrup)	National Institute of Polar Research (NIPR)	1/4/2013		YES	
CARBONACEOUS AEROSOLS	5662	5460	COSMOS (Black Carbon)	Ny-Ålesund (Zeppelin Observatory)	National Institute of Polar Research (NIPR)	1/7/2012		YES	Black carbon network?
CARBONACEOUS AEROSOLS	5451	10055	Pollen trap	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	1/1/2008		YES	
CARBONACEOUS AEROSOLS	5473	6847	Black carbon in snow	Ny-Ålesund (Gruvebadet snow supersite)	Norwegian Polar Institute (NPI)	1/1/2018		YES	
CARBONACEOUS AEROSOLS	5549	3615	Leckel filter sampler	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2008	Bolin Centre Database	YES	
CHEMICAL COMPOSITION	16067	12481	High Volume Sampler	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	6/1/2024		YES	NO
CHEMICAL COMPOSITION	24066	11661	Aerosol impactor		National Research Council of Italy (CNR)	6/1/2021	Link	NO	NO

CLOUD CONDENSATI ON NUCLEI	5725	1103 3	Cloud condensation nuclei counter	Ny-Ålesund (Zeppelin Observatory)	Korean Polar Research Institute (KOPRI)	3/20/20 07	Link	YES	Shared with EBAS
DEPOSITION	5727	1051 5	Wet and Dry Only Precipitation Sampler (WADOS)	AWIPEV Atmospheric Observatory	Institute for Geosciences and Environmental	04.01.20 14	-	YES	
ORGANIC PARTICLES	5881	1106 7	Passive air sampler	Blomstrand	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5875	1106 7	Passive air sampler	Morraine - Midtre Lovenbreen	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5880	1106 7	Passive air sampler	Blomstrandøya	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5878	1106 7	Passive air sampler	Steinflåstupet	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5879	1106 7	Passive air sampler	Knudsenheia	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5876	1106 7	Passive air sampler	Nannestadelva	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	YES	NO
ORGANIC PARTICLES	5877	1106 7	Passive air sampler	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	1/1/201 1	Link	NO	NO
ORGANIC PARTICLES	5990	1004 9	XAD sampler	Ny-Ålesund (Zeppelin Observatory)	Environmental Canada (EC)	1/1/200 5		YES	
ORGANIC PARTICLES	5988	1004 9	PUF sampler (UFO)	Ny-Ålesund (Zeppelin Observatory)	Environmental Canada (EC)	1/1/200 5	Link	YES	Global Atmospheri c Passive

									Sampling Network
ORGANIC PARTICLES	5989	10049	SIP sampler (UFO)	Ny-Ålesund (Zeppelin Observatory)	Environmental Canada (EC)	1/1/2005	Link	YES	

AIR QUALITY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/DOIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
LEAD	5683	10137	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/1994	Link	YES	AMAP, EMEP, National
PARTICULATES	5986	11031	Ice nuclei collection system (Filter)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2019		YES	
PARTICULATES	5986	11031	Ice nuclei collection system (Filter)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2019		YES	
SULFUR OXIDES	5678	10066	Europakasse (EK) sampler	Ny-Ålesund (Transformatorbua)	NILU	2/11/1989	Link	YES	NO network
SULFUR OXIDES	5682	10137	Europakasse (EK) sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	2/11/1989	Link	YES	EMEP, National

VISIBILITY	2552 9	3615	Visibility	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/201 5		YES	NO
VISIBILITY	2367 0	3471	Disdrometer		National Research Council of Italy (CNR)	10/1/20 23	Link	NO	NO
VISIBILITY	5992	1014 9	Synoptical Weather observations	Ny-Ålesund	Norwegian Meteorological Institute (MET)	1/1/195 1	Link	YES	European Center for Medium- Range Weather Forecasts (ECMWF), EUMETNET , WMO; BSRN
VOLATILE ORGANIC COMPOUND S	5684	1013 7	PUR HiVol sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/199 4	Link	YES	AMAP, EMEP, National
VOLATILE ORGANIC COMPOUND S	5688	1013 7	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/200 8	Link	YES	AMAP, EMEP, National
VOLATILE ORGANIC COMPOUND S	5692	1013 7	Siloxane filter samplers	Ny-Ålesund (Zeppelin Observatory)	NILU	1/9/201 0	Link	YES	AMAP, EMEP, National

VOLATILE ORGANIC COMPOUNDS	5694	10144	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/9/2012	Link	YES	ESB Norway
----------------------------	------	-------	-----------------------	-----------------------------------	------	----------	----------------------	-----	------------

ATMOSPHERIC CHEMISTRY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
CARBON AND HYDROCARBON COMPOUNDS	5717	10547	Eddy Covariance System	Ny-Ålesund (CCT)	Korean Polar Research Institute (KOPRI)	19.09.2011	Link	YES	NO
CARBON AND HYDROCARBON COMPOUNDS	5641	3442	Air sampling	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	08.01.1991		YES	
CARBON AND HYDROCARBON COMPOUNDS	5641	3442	Air sampling	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	08.01.1991		YES	
CARBON AND HYDROCARBON COMPOUNDS	5641	3442	Air sampling	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	08.01.1991		YES	
CARBON AND HYDROCARBON	5642	10027	Atmospheric O2 and CO2	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	12.01.2012		YES	

N COMPOUNDS			measurement system						
CARBON AND HYDROCARBON COMPOUNDS	5644	10027	Cavity Ring-Down Spectroscopy	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	15.09.2013		YES	
CARBON AND HYDROCARBON COMPOUNDS	5644	10027	Cavity Ring-Down Spectroscopy	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	15.09.2013		YES	
CARBON AND HYDROCARBON COMPOUNDS	5644	10027	Cavity Ring-Down Spectroscopy	Ny-Ålesund (Gruvebadet)	National Institute of Polar Research (NIPR)	15.09.2013		YES	
CARBON AND HYDROCARBON COMPOUNDS	5687	3274	Bottles for air samples	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.2007	Link	YES	INGOS
CARBON AND HYDROCARBON COMPOUNDS	5693	3274	Picarro - CRDS	Ny-Ålesund (Zeppelin Observatory)	NILU	20.04.2012	Link	YES	GAW, INGOS, ICOS, AGAGE
CARBON AND HYDROCARBON COMPOUNDS	5693	3274	Picarro - CRDS	Ny-Ålesund (Zeppelin Observatory)	NILU	20.04.2012	Link	YES	GAW, INGOS, ICOS, AGAGE
CARBON AND HYDROCARBON COMPOUNDS	5693	3274	Picarro - CRDS	Ny-Ålesund (Zeppelin Observatory)	NILU	20.04.2012	Link	YES	GAW, INGOS, ICOS, AGAGE

CARBON AND HYDROCARBON COMPOUNDS	5695	3274	Bottles for air samples	Ny-Ålesund (Zeppelin Observatory)	NILU	12.01.2012	Link	YES	INGOS
CARBON AND HYDROCARBON COMPOUNDS	5695	3274	Bottles for air samples	Ny-Ålesund (Zeppelin Observatory)	NILU	12.01.2012	Link	YES	INGOS
CARBON AND HYDROCARBON COMPOUNDS	5698	3274	Picarro - CRDS	Ny-Ålesund (Transformatorbua)	NILU	01.01.2018	Link	YES	GAW, INGOS, ICOS, AGAGE
CARBON AND HYDROCARBON COMPOUNDS	5700	3274	CO2 - 14C Isotope sampler	Ny-Ålesund (Transformatorbua)	NILU	20.12.2017	Link	YES	ICOS
CARBON AND HYDROCARBON COMPOUNDS	5836	11203	Gas Analyzer	Kolhaugen	National Research Council of Italy (CNR)	01.05.2019	Link	NO	NO
CARBON AND HYDROCARBON COMPOUNDS	23668	11955	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.2024	Link	NO	NO
CARBON AND HYDROCARBON COMPOUNDS	5850	5844	Calm Grid	Kolhaugen	University of Insubria	01.01.2012	Link	YES	YES

CARBON AND HYDROCARBON COMPOUNDS	22865		Air samples	Ny-Ålesund (Zeppelin Observatory)	INSTAAR Stable Isotopes Laboratory	02.11.1994	CH4C13 , CO2C13	NOAA global air sampling network	GNIP
CARBON AND HYDROCARBON COMPOUNDS	22865		Air samples	Ny-Ålesund (Zeppelin Observatory)	INSTAAR Stable Isotopes Laboratory	02.11.1994	CH4C13 , CO2C13	NOAA global air sampling network	GNIP
CARBON AND HYDROCARBON COMPOUNDS	6001	10047	Air samples	Ny-Ålesund (Zeppelin Observatory)	National Oceanic and Atmospheric Administration (NOAA)	10.01.1993	CO2 , CH4 , CO , H2 , N2O , SF6	YES	NOAA global air sampling network
CARBON AND HYDROCARBON COMPOUNDS	6001	10047	Air samples	Ny-Ålesund (Zeppelin Observatory)	National Oceanic and Atmospheric Administration (NOAA)	10.01.1993	CO2 , CH4 , CO , H2 , N2O , SF6	YES	NOAA global air sampling network
CARBON AND HYDROCARBON COMPOUNDS	6001	10047	Air samples	Ny-Ålesund (Zeppelin Observatory)	National Oceanic and Atmospheric Administration (NOAA)	10.01.1993	CO2 , CH4 , CO , H2 , N2O , SF6	YES	NOAA global air sampling network
CARBON AND HYDROCARBONS	5971	3330	Infrared spectrometer	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Bremen	01.01.2007	Link	YES	NDACC
HALOCARBONS AND HALOGENS	5691	3274	Medusa	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.2010	Link	YES	AGAGE, National
HALOCARBONS AND HALOGENS	5691	3274	Medusa	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.2010	Link	YES	AGAGE, National

HALOCARBONS AND HALOGENS	5691	3274	Medusa	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.2010	Link	YES	AGAGE, National
NITROGEN COMPOUNDS	5641	3442	Air sampling	Ny-Ålesund (Gruebadet)	National Institute of Polar Research (NIPR)	08.01.1991		YES	
NITROGEN COMPOUNDS	5678	10066	Europakasse (EK) sampler	Ny-Ålesund (Transformatorbua)	NILU	11.02.1989	Link	YES	NOnetwork
NITROGEN COMPOUNDS	5682	10137	Europakasse (EK) sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	11.02.1989	Link	YES	EMEP, National
NITROGEN COMPOUNDS	5698	3274	Picarro - CRDS	Ny-Ålesund (Transformatorbua)	NILU	01.01.2018	Link	YES	GAW, INGOS, ICOS, AGAGE
NITROGEN COMPOUNDS	5701	10137	Precipitation sampler	Ny-Ålesund (scientific area)	NILU	01.01.1974	Link	YES	EMEP, National
NOBLE GAS	7664	3442	Air sampling	Ny-Ålesund (Gruebadet)	National Institute of Polar Research (NIPR)	24.11.2021		YES	
OXYGEN COMPOUNDS	5924	1322	ECC Ozone sonde	Ny-Ålesund (AWIPEV observatory sounding room + Balloon house)	Alfred Wegener Institute (AWI)	10.01.1991	Link	YES	NDACC
OXYGEN COMPOUNDS	5967	10053	Microwave Receiver GROMOS-C	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Bern	09.07.2015	Link	YES	NDACC

OXYGEN COMPOUNDS	5970	2023	Optical spectrometer DOAS	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Bremen	02.01.1995	Link	YES	NDACC
OXYGEN COMPOUNDS	22065	10785	Spectrometer	Harland-Cox Huset	British Antarctic Survey	29.06.2017	Link	YES	Mesospheric Ozon Spectral Analysis Instrument Chain (MOSAIC)
OXYGEN COMPOUNDS	5672	1207	System for Analysis of Observations at Zenith	Ny-Ålesund (Sverdrup)	NILU	01.01.1991	Link	YES	SAOZ network
OXYGEN COMPOUNDS	5681	10137	Ozone analyzer	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.1989	Link	YES	EMEP, National
OXYGEN COMPOUNDS	5846	3305	Brewer spectrophotometer	Ny Alesund	National Research Council of Italy (CNR)	01.01.2000	Link	YES	WOUDC https://woudc.org/data/explore.php?lang=en
OXYGEN COMPOUNDS	5847	3305	Multifilter radiometer UV-RAD	Ny-Ålesund	National Research Council of Italy (CNR)	01.05.2008	Link	YES	NO
OXYGEN COMPOUNDS	5985	11031	Ozone Analyzer	Ny-Ålesund (Gruebadet)	University of Helsinki	01.01.2019		YES	
OXYGEN COMPOUNDS	5985	11031	Ozone Analyzer	Ny-Ålesund (Gruebadet)	University of Helsinki	01.01.2019		YES	

SULFUR COMPOUNDS	5726	1103 3	Dimethyl Sulfide	Ny-Ålesund (Zeppelin Observatory)	Korean Polar Research Institute (KOPRI)	03.01.2010	Link	YES	NO
SULFUR COMPOUNDS	5678	1006 6	Europakasse (EK) sampler	Ny-Ålesund (Transformatorbua)	NILU	11.02.1989	Link	YES	NOnetwork
SULFUR COMPOUNDS	5678	1006 6	Europakasse (EK) sampler	Ny-Ålesund (Transformatorbua)	NILU	11.02.1989	Link	YES	NOnetwork
SULFUR COMPOUNDS	5682	1013 7	Europakasse (EK) sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	11.02.1989	Link	YES	EMEP, National
SULFUR COMPOUNDS	5682	1013 7	Europakasse (EK) sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	11.02.1989	Link	YES	EMEP, National
SULFUR COMPOUNDS	5701	1013 7	Precipitation sampler	Ny-Ålesund (scientific area)	NILU	01.01.1974	Link	YES	EMEP, National
SULFUR COMPOUNDS	6001	1004 7	Air samples	Ny-Ålesund (Zeppelin Observatory)	National Oceanic and Atmospheric Administration (NOAA)	10.01.1993	CO2, CH4, CO, H2, N2O, SF6	YES	NOAA global air sampling network
TRACE ELEMENTS/TRACE METALS	5683	1013 7	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.1994	Link	YES	AMAP, EMEP, National
TRACE GASES/TRACE SPECIES	5968	6047	Infrared spectrometer	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Bremen	01.01.1992	Link	YES	NDACC

TRACE GASES/TRACE SPECIES	5982	11031	CI-API-TOF mass spectrometer	Ny-Ålesund (Gruvebadet)	University of Helsinki	01.01.2019		YES	
TRACE GASES/TRACE SPECIES	5982	11031	CI-API-TOF mass spectrometer	Ny-Ålesund (Gruvebadet)	University of Helsinki	01.01.2019		YES	
TRACE METALS	5685	6441	Tekran	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.2000	Link	YES	EMEP, National

AIR QUALITY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
LEAD	5683	10137	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/1994	Link	YES	AMAP, EMEP, National
PARTICULATES	5986	11031	Ice nuclei collection system (Filter)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2019		YES	
PARTICULATES	5986	11031	Ice nuclei collection system (Filter)	Ny-Ålesund (Gruvebadet)	University of Helsinki	1/1/2019		YES	
SULFUR OXIDES	5678	10066	Europakasse (EK) sampler	Ny-Ålesund (Transformatorbua)	NILU	2/11/1989	Link	YES	NO network

SULFUR OXIDES	5682	1013 7	Europakasse (EK) sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	2/11/198 9	Link	YES	EMEP, National
VISIBILITY	25529	3615	Visibility	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	1/1/2015		YES	NO
VISIBILITY	23670	3471	Disdrometer		National Research Council of Italy (CNR)	10/1/202 3	Link	NO	NO
VISIBILITY	5992	1014 9	Synoptical Weather observations	Ny-Ålesund	Norwegian Meteorological Institute (MET)	1/1/1951	Link	YES	European Center for Medium- Range Weather Forecasts (ECMWF), EUMETNET , WMO; BSRN
VOLATILE ORGANIC COMPOUNDS	5684	1013 7	PUR HiVol sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/1994	Link	YES	AMAP, EMEP, National
VOLATILE ORGANIC COMPOUNDS	5688	1013 7	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/1/2008	Link	YES	AMAP, EMEP, National
VOLATILE ORGANIC COMPOUNDS	5692	1013 7	Siloxane filter samplers	Ny-Ålesund (Zeppelin Observatory)	NILU	1/9/2010	Link	YES	AMAP, EMEP, National

VOLATILE ORGANIC COMPOUNDS	5694	10144	Digitel HiVol Sampler	Ny-Ålesund (Zeppelin Observatory)	NILU	1/9/2012	Link	YES	ESB Norway
----------------------------	------	-------	-----------------------	-----------------------------------	------	----------	----------------------	-----	------------

ATMOSPHERIC ELECTRICITY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
TOTAL ELECTRON CONTENT	5721	10244	GPSTEC scintillation monitor	Ny-Ålesund (Dasan)	Korean Polar Research Institute (KOPRI)	07.01.2014	Link	YES	NO
TOTAL ELECTRON CONTENT	5628	10876	Beacon receiver	Ny-Ålesund (Kings Bay Veksthus)	Nagoya University	04.01.2017		NO	
TOTAL ELECTRON CONTENT	22064	12387	Satellite Based Augmentation systems (SBAS)	Ny-Ålesund (Kings Bay Veksthus)	National Institute of Polar Research (NIPR)	08.06.2024		NO	
TOTAL ELECTRON CONTENT	5820	3297	GPS receiver	Brandal	National Institute of Geophysics and Volcanology (INGV)	01.01.2003	Link	YES	?? Maruro will check wiht PI
TOTAL ELECTRON CONTENT	5997	5151	GPS	Ny-Ålesund (Sverdrup)	University of Oslo (UiO)	11.01.2009		YES	

ATMOSPHERIC PRESSURE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
ATMOSPHERIC PRESSURE MEASUREMENTS	5884	10826	Eddy Covariance System	Ny-Ålesund (bottom of Mt. Zeppelin)	Chinese Academy of Sciences (CAS)	06.12.2018	Link	NO	NO
ATMOSPHERIC PRESSURE MEASUREMENTS	5738	3193	Doppler Orbitography by Radiopositioning Integrated on Satellite (DORIS Antenna)	Light Sensitive Cabin	The National Centre for Space Studies (CNES)	01.01.2004		NO	
SURFACE PRESSURE	5622	10350	Weather Station	Brandal	Norwegian Mapping Authority (NMA)	06.01.2017		YES	
SURFACE PRESSURE	5615		Weather Station	Rabben	Norwegian Mapping Authority (NMA)	15.06.1998		YES	
SURFACE PRESSURE	13264	6087, 3231	Automatic Weather station Holtedahlfonna stake 3	Holtedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.2021		YES	Publiseres data i et nettverk?
SURFACE PRESSURE	5824	3471	Setra barometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.2009	Link	YES	NO

ATMOSPHERIC RADIATION

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
ABSORPTION	24466	3693	Aethalometer		National Research Council of Italy (CNR)	01.12.2021	Link	YES	NO
HEAT FLUX	5828	3471	Hukseflux flux plate	Kolhaugen	National Research Council of Italy (CNR)	01.10.2009	Link	YES	NO
INCOMING SOLAR RADIATION	5929	2950	Bayelva site: Meteorology and Radiation	Bayelva	Alfred Wegener Institute (AWI)	13.09.1998	Link	YES	NO
INCOMING SOLAR RADIATION	21666	5977	VLF aerial	Harland-Cox Huset	British Antarctic Survey	01.09.2007	Link	YES	Antarctic-Arctic Radiation-belt dynamic deposition observed by the VLF Atmospheric Research

									Kartell (AARDDV ARK)
LONGWAVE RADIATION	5925	2350	BSRN radiation station	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.19 92	Link	YES	BSRN
LONGWAVE RADIATION	5929	2950	Bayelva site: Meteorology and Radiation	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO
LONGWAVE RADIATION	13264	6087 , 3231	Automatic Weather station Holtedahlfonna stake 3	Holtedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.20 21		YES	Publiseres data i et nettverk?
LONGWAVE RADIATION	5825	3471	Net radiometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
NET RADIATION	5925	2350	BSRN radiation station	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.19 92	Link	YES	BSRN
RADIATIVE FLUX	5925	2350	BSRN radiation station	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.19 92	Link	YES	BSRN
REFLECTANCE	5816	3471	Spectral radiometer	Kohlaugen	National Research Council of Italy (CNR)	01.01.20 14	Link	NO	NO
SCATTERING	15666	1248 1	Nephelometer	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	09.09.20 18	Link	YES	NO
SHORTWAVE RADIATION	5925	2350	BSRN radiation station	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.19 92	Link	YES	BSRN
SHORTWAVE RADIATION	5929	2950	Bayelva site: Meteorology and Radiation	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO

SHORTWAVE RADIATION	13264	6087 , 3231	Automatic Weather station Holtedahlfonna stake 3	Holtedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.20 21		YES	Publiseres data i et nettverk?
SHORTWAVE RADIATION	5825	3471	Net radiometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SHORTWAVE RADIATION	5826	3471	Pyrgeometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SHORTWAVE RADIATION	5827	3471	Pyranometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SOLAR IRRADIANCE	5672	1207	System for Analysis of Observations at Zenith	Ny-Ålesund (Sverdrup)	NILU	01.01.19 91	Link	YES	SAOZ network
SOLAR IRRADIANCE	5673	1207	Multifilter radiometer	Ny-Ålesund (Sverdrup)	NILU	07.01.19 95	Link	YES	National
SOLAR IRRADIANCE	20865		USSIMO spectroradiomet er	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.20 17	Data dois: 10.1158 2/2021. 00039,1 0.11582 /2021.0 0044,10 .11582/ 2021.00 045,10.	YES	

							11582/ 2021.00 046, 10.1158 2/2021. 00040,1 0.11582 /2021.0 0041,10 .11582/ 2021.00 042,10. 11582/ 2021.00 043		
SOLAR IRRADIANCE	18069		USSIMO spectroradiomet er	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.20 17	10.1158 2/2021. 00039	YES	
SOLAR IRRADIANCE	5735	1019 6	Automated weather station	Austre Lovenbreen	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 17			
SOLAR IRRADIANCE	5736	1019 6	Automated weather station, Sky pyranometer	Corbel	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 08			
SOLAR RADIATION	5471	6807	Radiation station	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	03.01.20 13	Link	YES	Publiseres data i et nettverk?
ULTRAVIOLET RADIATION	5673	1207	Multifilter radiometer	Ny-Ålesund (Sverdrup)	NILU	07.01.19 95	Link	YES	National

ULTRAVIOLET RADIATION	5846	3305	Brewer spectrophotometer	Ny Alesund	National Research Council of Italy (CNR)	01.01.2000	Link	YES	WOUDC https://woudc.org/data/explore.php?lang=en
ULTRAVIOLET RADIATION	5847	3305	Multifilter radiometer UV-RAD	Ny-Ålesund	National Research Council of Italy (CNR)	01.05.2008	Link	YES	NO

ATMOSPHERIC TEMPERATURE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
ATMOSPHERIC STABILITY	5837	11203	Sonic anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.05.2019	Link	NO	NO
SURFACE TEMPERATURE	5927	6817	BSRN meteorological tower	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.1993	Link	YES	BSRN
SURFACE TEMPERATURE	5929	2950	Bayelva site: Meteorology and Radiation	Bayelva	Alfred Wegener Institute (AWI)	13.09.1998	Link	YES	NO

SURFACE TEMPERATUR E	5941	1118	Weather hut	Ny-Ålesund (AWIPEV balloon house)	Alfred Wegener Institute (AWI)	03.01.20 12		NO	NO
SURFACE TEMPERATUR E	5639	3156	Automatic weather station	-	National Institute of Polar Research (NIPR)	08.01.20 15	Link	YES	-
SURFACE TEMPERATUR E	5680	1013 7	Vaisala automatic weather station	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.19 89	Link	YES	ICOS, EMEP, National
SURFACE TEMPERATUR E	5560	-	Thermistor strings	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-
SURFACE TEMPERATUR E	5617	-	Thermistor strings VLBI1	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-
SURFACE TEMPERATUR E	5618	-	Thermistor strings VLBI1	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-
SURFACE TEMPERATUR E	5620	-	Thermistor strings VLBI2	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-
SURFACE TEMPERATUR E	5621	-	Thermistor strings VLBI2	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-
SURFACE TEMPERATUR E	5622	1035 0	Weather Station	Brandal	Norwegian Mapping Authority (NMA)	06.01.20 17		YES	-
SURFACE TEMPERATUR E	5624	-	Thermistorstring s	Brandal	Norwegian Mapping Authority (NMA)	30.06.20 15	By email request	YES	-

SURFACE TEMPERATUR E	5615	-	Weather Station	Rabben	Norwegian Mapping Authority (NMA)	15.06.19 98		YES	-
SURFACE TEMPERATUR E	13264	6087 , 3231	Automatic Weather station Holtedahlfonna stake 3	Holtedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.20 21		YES	Publiseres data i et nettverk?
SURFACE TEMPERATUR E	5468	-	Automatic Weather station Kongsvegen stake 1	Kongsvegen stake 1	Norwegian Polar Institute (NPI)	30.04.20 11		YES	-
SURFACE TEMPERATUR E	5470	-	Automatic Weather station Pynten	Pynten	Norwegian Polar Institute (NPI)	13.05.20 09		YES	-
SURFACE TEMPERATUR E	5441	5974	Temperaturlogg er	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.20 12	Link	YES	COAT
SURFACE TEMPERATUR E	5442	5974	Temperaturlogg er	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.20 12	Link	YES	COAT
SURFACE TEMPERATUR E	5444	5974	Temperaturlogg er	Sarsøyra	Norwegian Polar Institute (NPI)	01.01.20 12	Link	YES	COAT
SURFACE TEMPERATUR E	5445	5974	Temperaturlogg er	Sarsøyra	Norwegian Polar Institute (NPI)	01.01.20 12	Link	YES	COAT
SURFACE TEMPERATUR E	5443	5974	Temperaturlogg er	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.20 12	Link	YES	COAT

SURFACE TEMPERATUR E	5884	1082 6	Eddy Covariance System	Ny-Ålesund (bottom of Mt. Zeppelin)	Chinese Academy of Sciences (CAS)	06.12.20 18	Link	NO	NO
SURFACE TEMPERATUR E	not registe red in GiS	1054 6	AWS at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 24	Link	YES	NO
SURFACE TEMPERATUR E	not registe red in GiS	1054 6	AWS at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
SURFACE TEMPERATUR E	5775	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5776	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5777	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5778	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5779	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5780	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-

SURFACE TEMPERATUR E	5781	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5782	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5783	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5784	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5785	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5786	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5787	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5788	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5789	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5790	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-

SURFACE TEMPERATUR E	5791	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5792	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5793	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5794	6815	Automatic temperature loggers	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	Link	NO	-
SURFACE TEMPERATUR E	5807	5461	Automatic temperature loggers	Austre Lovénbreen catchment (proglacial area)	Paris-Sud University	01.01.20 07		NO	-
SURFACE TEMPERATUR E	5735	1019 6	Automated weather station	Austre Lovenbreen	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 17		-	-
SURFACE TEMPERATUR E	5736	1019 6	Automated weather station, Sky pyranometer	Corbel	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 08		-	-
SURFACE TEMPERATUR E	5738	3193	Doppler Orbitography by Radiopositioning Integrated on Satellite (DORIS Antenna)	Light Sensitive Cabin	The National Centre for Space Studies (CNES)	01.01.20 04		NO	-

SURFACE TEMPERATUR E	5822	3471	Thermo- hygrometer	Kohlaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SURFACE TEMPERATUR E	5829	3471	IR camera	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SURFACE TEMPERATUR E	5832	3471	Sonic anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SURFACE TEMPERATUR E	23668	1195 5	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.20 24	Link	NO	NO
SURFACE TEMPERATUR E	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.20 20	Link	NO	NO
SURFACE TEMPERATUR E	5995	1668	Hydrological gauging station	Ny-Ålesund (scientific area)	Norwegian Water Resources and Energy Directorate (NVE)	08.01.20 08	Link	YES	-
SURFACE TEMPERATUR E	5993	1014 9	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.19 94	Link	YES	-
UPPER AIR TEMPERATUR E	5923	1118	Radiosonde	Ny-Ålesund (AWIPEV observatory sounding room + Balloon house)	Alfred Wegener Institute (AWI)	10.01.19 91	Link	YES	GRUAN

UPPER AIR TEMPERATUR E	5939	6525	Microwave profiler HATPRO	Ny-Ålesund (AWIPEV observatory)	Alfred Wegener Institute (AWI)	01.01.20 11		YES	CLOUDNE T
UPPER AIR TEMPERATUR E	5707	1226 3	Microwave profiler	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	30.04.20 14	Link	YES	Part of EU project Arctic Passion

ATMOSPHERIC WATER VAPOR

OBSERVED VARIABLE	OBJEC T ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK ?
WATER VAPOR INDICATORS	5923	1118	Radiosonde	Ny-Ålesund (AWIPEV observatory sounding room + Balloon house)	Alfred Wegener Institute (AWI)	10.01.19 91	Link	YES	GRUAN
WATER VAPOR INDICATORS	5927	6817	BSRN meteorological tower	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.19 93	Link	YES	BSRN
WATER VAPOR INDICATORS	5941	1118	Weather hut	Ny-Ålesund (AWIPEV balloon house)	Alfred Wegener Institute (AWI)	03.01.20 12	Link	NO	NO

WATER VAPOR INDICATORS	5639	3156	Automatic weather station	-	National Institute of Polar Research (NIPR)	08.01.2015	Link	YES	-
WATER VAPOR INDICATORS	5680	10137	Vaisala automatic weather station	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.1989	Link	YES	ICOS, EMEP, National
WATER VAPOR INDICATORS	13264	6087, 3231	Automatic Weather station Hortedahlfonna stake 3	Hortedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.2021		YES	Publiseres data i et nettverk?
WATER VAPOR INDICATORS	5468	-	Automatic Weather station Kongsvegen stake 1	Kongsvegen stake 1	Norwegian Polar Institute (NPI)	30.04.2011		YES	-
WATER VAPOR INDICATORS	5470	-	Automatic Weather station Pynten	Pynten	Norwegian Polar Institute (NPI)	13.05.2009		YES	-
WATER VAPOR INDICATORS	5476	-	Snow sample for stable isotope	Ny-Ålesund	Norwegian Polar Institute (NPI)	01.02.1900		YES	-
WATER VAPOR INDICATORS	5884	10826	Eddy Covariance System	Ny-Ålesund (bottom of Mt. Zeppelin)	Chinese Academy of Sciences (CAS)	06.12.2018	Link	NO	NO
WATER VAPOR INDICATORS	not registered in GiS	10546	AWS at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.2024	Link	YES	NO
WATER VAPOR INDICATORS	not registered	10546	AWS at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

	red in GiS								
WATER VAPOR INDICATORS	5738	3193	Doppler Orbitography by Radiopositioning Integrated on Satellite (DORIS Antenna)	Light Sensitive Cabin	The National Centre for Space Studies (CNES)	01.01.20 04		NO	-
WATER VAPOR INDICATORS	5822	3471	Thermo- hygrometer	Kohlaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
WATER VAPOR INDICATORS	5834	3471	Hygrometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
WATER VAPOR INDICATORS	5835	3471	Hygrometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
WATER VAPOR INDICATORS	5836	1120 3	Gas Analyzer	Kolhaugen	National Research Council of Italy (CNR)	01.05.20 19	Link	NO	NO
WATER VAPOR INDICATORS	23668	1195 5	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.20 24	Link	NO	NO
WATER VAPOR INDICATORS	5987	1006 9	Precipitation samples	Ny-Ålesund	Global Network of Isotopes in Precipitation (GNIP)	01.01.19 90	Link	YES	GNIP

WATER VAPOR INDICATORS	5992	1014 9	Synoptical Weather observations	Ny-Ålesund	Norwegian Meteorological Institute (MET)	01.01.19 51	Link	YES	European Center for Medium- Range Weather Forecasts (ECMWF), EUMETNE T, WMO; BSRN
WATER VAPOR INDICATORS	5993	1014 9	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.19 94	Link	YES	-
WATER VAPOR PROCESSES	5717	1054 7	Eddy Covariance System	Ny-Ålesund (CCT)	Korean Polar Research Institute (KOPRI)	19.09.20 11	Link	YES	NO
WATER VAPOR PROFILES	5939	6525	Microwave profiler HATPRO	Ny-Ålesund (AWIPEV observatory)	Alfred Wegener Institute (AWI)	01.01.20 11	Link	YES	CLOUDNE T
WATER VAPOR PROFILES	5966	1005 3	Microwave Receiver MIAWARA-C	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Bern	09.06.20 15	Link	YES	NDACC

ATMOSPHERIC WINDS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
LOCAL WINDS	10865	6545	Metek (Anemometer)	Ny-Ålesund (Zeppelin Observatory)	University of Tokyo	12.01.2014	Link	NO	-
SURFACE WINDS	5927	6817	BSRN meteorological tower	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.1993	Link	YES	BSRN
SURFACE WINDS	5639	3156	Automatic weather station	-	National Institute of Polar Research (NIPR)	08.01.2015	Link	YES	-
SURFACE WINDS	5639	3156	Automatic weather station	-	National Institute of Polar Research (NIPR)	08.01.2015	Link	YES	-
SURFACE WINDS	5680	10137	Vaisala automatic weather station	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.1989	Link	YES	ICOS, EMEP, National
SURFACE WINDS	5680	10137	Vaisala automatic weather station	Ny-Ålesund (Zeppelin Observatory)	NILU	01.01.1989	Link	YES	ICOS, EMEP, National
SURFACE WINDS	5622	10350	Weather Station	Brandal	Norwegian Mapping Authority (NMA)	06.01.2017	Link	YES	-

SURFACE WINDS	5622	10350	Weather Station	Brandal	Norwegian Mapping Authority (NMA)	06.01.2017	Link	YES	-
SURFACE WINDS	5615	-	Weather Station	Rabben	Norwegian Mapping Authority (NMA)	15.06.1998	Link	YES	-
SURFACE WINDS	5615	-	Weather Station	Rabben	Norwegian Mapping Authority (NMA)	15.06.1998	Link	YES	-
SURFACE WINDS	13264	6087, 3231	Automatic Weather station Holtedahlfonna stake 3	Holtedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.2021	Link	YES	Publiseres data i et nettverk?
SURFACE WINDS	5468	-	Automatic Weather station Kongsvegen stake 1	Kongsvegen stake 1	Norwegian Polar Institute (NPI)	30.04.2011		YES	-
SURFACE WINDS	5468	-	Automatic Weather station Kongsvegen stake 1	Kongsvegen stake 1	Norwegian Polar Institute (NPI)	30.04.2011		YES	-
SURFACE WINDS	5470	-	Automatic Weather station Pynten	Pynten	Norwegian Polar Institute (NPI)	13.05.2009		YES	-
SURFACE WINDS	5470	-	Automatic Weather station Pynten	Pynten	Norwegian Polar Institute (NPI)	13.05.2009		YES	-
SURFACE WINDS	not registe	10546	AWS at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.2024	Link	YES	NO

	red in GiS									
SURFACE WINDS	not registe red in GiS	1054 6	AWS at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 24	Link	YES	NO	
SURFACE WINDS	not registe red in GiS	1054 6	AWS at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO	
SURFACE WINDS	not registe red in GiS	1054 6	AWS at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO	
SURFACE WINDS		1019 6	Automated weather station	Austre Lovenbreen	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 17		-	-	
SURFACE WINDS		1019 6	Automated weather station, Sky pyranometer	Corbel	The French Polar Institute Paul-Émile Victor (IPEV)	15.04.20 08		-	-	
SURFACE WINDS		5823	3471	Anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SURFACE WINDS		5823	3471	Anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SURFACE WINDS		5832	3471	Sonic anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO

SURFACE WINDS	5832	3471	Sonic anemometer	Kolhaugen	National Research Council of Italy (CNR)	01.10.2009	Link	YES	NO
SURFACE WINDS	23268	11203	Ultrasonic anemometers	Kolhaugen	National Research Council of Italy (CNR)	01.05.2019	Link	NO	NO
SURFACE WINDS	23668	11955	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.2024	Link	NO	NO
SURFACE WINDS	23668	11955	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.2024	Link	NO	NO
SURFACE WINDS	23669	12039	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
SURFACE WINDS	23669	12039	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
SURFACE WINDS	5993	10149	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.1994	Link	YES	-
UPPER LEVEL WINDS	5923	1118	Radiosonde	Ny-Ålesund (AWIPEV observatory sounding room + Balloon house)	Alfred Wegener Institute (AWI)	10.01.1991	Link	YES	GRUAN
UPPER LEVEL WINDS	5923	1118	Radiosonde	Ny-Ålesund (AWIPEV	Alfred Wegener Institute (AWI)	10.01.1991	Link	YES	GRUAN

				observatory sounding room + Balloon house)					
UPPER LEVEL WINDS	5940	6525	Wind-lidar	Ny-Ålesund (AWIPEV observatory)	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
UPPER LEVEL WINDS	5940	6525	Wind-lidar	Ny-Ålesund (AWIPEV observatory)	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
UPPER LEVEL WINDS	5715	10247	Doppler wind lidar	Ny-Ålesund (CCT)	Korean Polar Research Institute (KOPRI)	04.01.2017	Link	YES	NO

CLOUDS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
CLOUD DYNAMICS	5643	10322	Web camera	Ny-Ålesund (Rabben)	National Institute of Polar Research (NIPR)	05.11.2011	Link	NO	-
CLOUD MICROPHYSICS	5972	10523	94 GHz Doppler cloud radar	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	01.06.2016	Link	-	-

CLOUD MICROPHYSICS	5972	10523	94 GHz Doppler cloud radar	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	01.06.2016	Link	-	-
CLOUD MICROPHYSICS	5716	10247	Cloud droplet probe	Ny-Ålesund (Zeppelin Observatory)	Korean Polar Research Institute (KOPRI)	09.01.2017	Link	YES	NO
CLOUD MICROPHYSICS	5638	10834	Disdrometer	Ny-Ålesund (Kings Bay Veksthus)	National Institute of Polar Research (NIPR)	20.09.2017	Link	YES	-
CLOUD MICROPHYSICS	5663	6545	Fog monitor	Ny-Ålesund (Zeppelin Observatory)	National Institute of Polar Research (NIPR)	09.01.2013	Link	YES	-
CLOUD MICROPHYSICS	5708	12263	Micro rain Radar	Ny-Ålesund (Gruebadet)	National Centre for Polar and Ocean Research (NCPOR)	31.10.2013	Link	YES	Part of EU project Arctic Passion
CLOUD MICROPHYSICS	5708	12263	Micro rain Radar	Ny-Ålesund (Gruebadet)	National Centre for Polar and Ocean Research (NCPOR)	31.10.2013	Link	YES	Part of EU project Arctic Passion
CLOUD MICROPHYSICS	25927	3615	Condensation Particle Samler (CPC)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	01.11.2015	Link	YES	ACTRIS
CLOUD MICROPHYSICS	25530	3615	Soot photometer (MAAP)	Ny-Ålesund (Zeppelin Observatory)	Stockholm University (SU)	01.01.2015	Bolin Centre Database	YES	ACTRIS
CLOUD PROPERTIES	5926	6817	Ceilometer	Ny-Ålesund (scientific area)	Alfred Wegener Institute (AWI)	08.01.1993	Link	YES	BSRN

CLOUD PROPERTIES	5709	1226 3	Ceilometer	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	30.09.2014	Link	YES	NO
CLOUD PROPERTIES	5815	3471	Sky camera	Kohlaugen	National Research Council of Italy (CNR)	15.05.2014	Link	NO	NO
-	5992	1014 9	Synoptical Weather observations	Ny-Ålesund	Norwegian Meteorological Institute (MET)	01.01.1951	Link	YES	European Center for Medium-Range Weather Forecasts (ECMWF), EUMETNET, WMO; BSRN

PRECIPITATION

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
DROPLET SIZE	5975	1052 3	Precipitation sensor OTT Parsivel 2	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	27.04.2017	Link	-	-

DROPLET SIZE	5661	6545	MPS (Optical disdrometer)	Ny-Ålesund (Zeppelin Observatory)	National Institute of Polar Research (NIPR)	04.01.2014	Link	YES	-
DROPLET SIZE	10864	6545	Hawkeye (cloud and precipitating particle monitor)	Ny-Ålesund (Zeppelin Observatory)	University of Tokyo	30.11.2014	Link	NO	-
LIQUID PRECIPITATION	8864	11763	Video in situ snowfall sensor 2 (VISSS2)	Ny-Alesund (scientific area)	University of Cologne	10.05.2021	Link	-	-
LIQUID PRECIPITATION	5647	10458	Rain Sampler	Ny-Ålesund (Sverdrup)	National Institute of Polar Research (NIPR)	04.01.2013	Link	YES	-
LIQUID PRECIPITATION	23670	3471	Disdrometer	-	National Research Council of Italy (CNR)	01.10.2023	Link	NO	NO
LIQUID WATER EQUIVALENT	23669	12039	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
PRECIPITATION AMOUNT	5973	10523	Precipitation gauge	Ny-Ålesund (close to AWIPEV BSRN field)	University of Cologne	01.08.2017	Link	-	-
PRECIPITATION AMOUNT	5993	10149	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.1994	Link	YES	-
PRECIPITATION RATE	5708	12263	Micro rain Radar	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	31.10.2013	Link	YES	Part of EU project Arctic Passion

PRECIPITATION RATE	5710	12263	Laser disdrometer	Ny-Ålesund (Gruvebadet)	National Centre for Polar and Ocean Research (NCPOR)	30.04.2018	Link	YES	Part of EU project Arctic Passion. Collaboration with CNR.
SNOW WATER EQUIVALENT	5952	2950	Bayelva: Gamma Snow Water Equivalent	Bayelva	Alfred Wegener Institute (AWI)	09.01.2019	Link	YES	NO
SOLID PRECIPITATION	8864	11763	Video in situ snowfall sensor 2 (VISSS2)	Ny-Alesund (scientific area)	University of Cologne	10.05.2021	Link	-	-
SOLID PRECIPITATION	5643	10322	Web camera	Ny-Ålesund (Rabben)	National Institute of Polar Research (NIPR)	05.11.2011	Link	NO	-
SOLID PRECIPITATION	10864	6545	Hawkeye (cloud and precipitating particle monitor)	Ny-Ålesund (Zeppelin Observatory)	University of Tokyo	30.11.2014	Link	NO	-
SOLID PRECIPITATION	23670	3471	Disdrometer	-	National Research Council of Italy (CNR)	01.10.2023	Link	NO	NO
SOLID PRECIPITATION	26727	12077	Snow pack glacier monitoring	Kongsvegen	National Research Council of Italy (CNR)	01.01.2012	Link	YES	NO
SOLID PRECIPITATION	26327	12039	Snow pack monitor	Gruvebadet	National Research Council of Italy (CNR)	01.01.2017	Link	YES	NO

Not given	5727	1051 5	Wet and Dry Only Precipitation Sampler (WADOS)	AWIPEV Atmospheric Observatory	Institute for Geosciences and Environmental	04.01.20 14		YES	
-----------	------	-----------	--	--------------------------------------	---	----------------	--	-----	--

BIOLOGICAL CLASSIFICATION

ANIMALS/INVERTEBRATES

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK ?
ARTHROPODS	8864	1176 3	Video in situ snowfall sensor 2 (VISSS2)	Ny-Ålesund (scientific area)	University of Cologne	10.05.20 21	Link		
ARTHROPODS	5494	1004 1	Insect pitfall trap	Ny-Ålesund (village)	University of Groningen				
ARTHROPODS	5495	1004 1	Insect pitfall trap	Ny-Ålesund (village)	University of Groningen				
ARTHROPODS	5493	1004 1	Insect pitfall trap	Ny-Ålesund (village)	University of Groningen				
ARTHROPODS	5496	1004 1	Insect pitfall trap	Ny-Ålesund (village)	University of Groningen				

ARTHROPODS	5497	1004 1	Insect pitfall trap	Ny-Ålesund (village)	University of Groningen				
CNIDARIANS	5944	5742	Under Water Remote Operated Observing System (REMOS)	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
BIRDS	5464	361	Seabird colony	Feiringfjellet	Norwegian Polar Institute (NPI)	06.01.2006	Link	YES	MOSJ AND SEAPOP
BIRDS	5463	361	seabird colony	Ossian sarsfjellet	Norwegian Polar Institute (NPI)	06.01.1988	Link	YES	MOSJ AND SEAPOP
Not given	Not registered in the GiS system	Not given	Common eider monitoring	Prins Heinrich or Kongsfjorden area?	Norwegian Polar Institute (NPI)	Unknown	Link	YES	MOSJ AND SEAPOP
FISH	5944	5742	Under Water Remote Operated Observing System (REMOS)	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO

PLANTS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
ANGIOSPERMS (FLOWERING PLANTS)	5705	12652	Vegetation plots	Bayelva	Natural Environment Research Council - Arctic office (NERC)	01.07.1991	Link	YES	
MOSSES/HORNWORTS/LIVERWORTS	5705	12652	Vegetation plots	Bayelva	Natural Environment Research Council - Arctic office (NERC)	01.07.1991	Link	YES	

BIOSPHERE

AQUATIC SYSTEMS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL
-------------------	-----------	--------	-------------	----------	-------------	------------	--------------------	---------------------	-----------------

									NETWORK ?
BENTHIC HABITAT	5977	3221	Brandal enclosure and loggers	Brandal	Alfred Wegener Institute (AWI)	01.01.2008		NO	NO

ECOLOGICAL DYNAMICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
COMMUNITY DYNAMICS	5976	2339	Succession plates	Kongsfjordneset	Alfred Wegener Institute (AWI)	01.01.2002		NO	NO
COMMUNITY DYNAMICS	5705	12652	Vegetation plots	Bayelva	Natural Environment Research Council - Arctic office (NERC)	01.07.1991	Link	YES	-
COMMUNITY DYNAMICS	5664	3958	Open top chamber with temperature sensors	-	Osaka Metropolitan University	08.01.2003		NO	-
COMMUNITY DYNAMICS	5665	3958	Temperature sensors	-	Osaka Metropolitan University	08.01.2003		NO	-

COMMUNITY DYNAMICS	5666	3958	Open top chamber with temperature sensors	-	Osaka Metropolitan University	08.01.2003		NO	-
COMMUNITY DYNAMICS	5667	3958	Temperature data sensors	-	Osaka Metropolitan University	08.01.2003		NO	-
COMMUNITY DYNAMICS	5668	3958	Open top chamber with temperature sensors	-	Osaka Metropolitan University	08.01.2003		NO	-
COMMUNITY DYNAMICS	5669	3958	Temperature sensors	-	Osaka Metropolitan University	08.01.2003		NO	-
COMMUNITY DYNAMICS	5670	3958	Bamboo skewer	-	Osaka Metropolitan University	08.01.2003		NO	-
ECOTOXICOLOGY	not registered in GiS	-	Pollution in Glaucous Gulls and Brünnich's guillemot	Kongsfjorden area	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	MOSJ
SPECIES/POPULATION INTERACTIONS	not registered in GiS	2372	Reindeer monitoring	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.1979	Link	YES	COAT
SPECIES/POPULATION INTERACTIONS	5448	-	Sound stations for ptarmigan	Uværsøyra - Leinstranda	Norwegian Polar Institute (NPI)	03.01.2019	Link	YES	COAT

SPECIES/POPULATION INTERACTIONS	not registered in GiS	-	Fox monitoring	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.1990	Link	YES	COAT
---------------------------------	-----------------------	---	----------------	----------------	---------------------------------	------------	----------------------	-----	------

ECOSYSTEMS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
AQUATIC ECOSYSTEMS	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5456	11234	Kb3, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

AQUATIC ECOSYSTEMS	5456	1123 4	Kb3, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ

AQUATIC ECOSYSTEMS	5454	-	Kb5, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2000	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5454	-	Kb5, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2000	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5455	11234	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2009	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5455	11234	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2009	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5462	-	V6, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

AQUATIC ECOSYSTEMS	5462	-	V6, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
AQUATIC ECOSYSTEMS	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
MARINE ECOSYSTEMS	5943	6812	Kongsfjorden experimental site	Kongsfjorden	Alfred Wegener Institute (AWI)	06.01.2012	Link	NO	NO

OMICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
-------------------	-----------	--------	-------------	----------	-------------	------------	--------------------	---------------------	---------------------------

MICROBIOME	not registered in GiS	1124 1	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
MICROBIOME	not registered in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO

VEGETATION

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
DOMINANT SPECIES	5446	10771	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
DOMINANT SPECIES	5447	10771	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
DOMINANT SPECIES	5868	11241	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5869	11241	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5871	11241	Vegetation plot	Austre Lovenbreen (border of moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5870	11241	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5867	11241	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5866	11241	Vegetation quadrat (Q3)	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5865	11241	Vegetation quadrat (Q2)	Nannestadelva	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5872	11241	Vegetation plot	La Goule-elva	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO

DOMINANT SPECIES	5864	1124 1	Vegetation plot	Midtre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5874	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.2014	Link	YES	NO
DOMINANT SPECIES	5873	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.2014	Link	YES	NO
DOMINANT SPECIES	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991	Link	-	-
DOMINANT SPECIES	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991	Link	-	-
DOMINANT SPECIES	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.1996	Link	YES	-
DOMINANT SPECIES	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
DOMINANT SPECIES	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
DOMINANT SPECIES	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
DOMINANT SPECIES	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
DOMINANT SPECIES	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
DOMINANT SPECIES	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.1996	Link	YES	-
DOMINANT SPECIES	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.1996	Link	YES	-
DOMINANT SPECIES	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-

DOMINANT SPECIES	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
HERBIVORY	5450	1077 1	Exclosure	Papphytta	Norwegian Polar Institute (NPI)	15.03.1978	Link	YES	COAT
HERBIVORY	5449	1077 1	Exclosure	Kolhamnlaguna	Norwegian Polar Institute (NPI)	15.03.1978	Link	YES	COAT
LEAF CHARACTERISTICS	5498	1004 1	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5503	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5504	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5502	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5499	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-

LEAF CHARACTERISTICS	5500	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5501	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5505	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5506	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5507	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5508	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5509	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
NITROGEN	5706	1238 2	Vegetation plots	East village	Natural Environment Research Council - Arctic office (NERC)	01.07.1991	Link	YES	
PHOTOSYNTHETICALLY ACTIVE RADIATION	10464	3156	PAR (Photosynthetically Active Radiation) Sensor	Ny-Ålesund (Kings Bay Veksthus)	National Institute of Polar Research (NIPR)	26.09.2022	Link	YES	-

PHOTOSYNTHETICALLY ACTIVE RADIATION	20865	-	USSIMO spectroradiometer	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.2017	Data dois: 10.11582/2021.00039,10.11582/2021.00044,10.11582/2021.00045,10.11582/2021.00046,10.11582/2021.00040,10.11582/2021.00041,10.11582/2021.00042,10.11582/2021.00043	YES	-
PHOTOSYNTHETICALLY ACTIVE RADIATION	18069	-	USSIMO spectroradiometer	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.2017	10.11582/2021.00039	YES	-

PHOTOSYNTHETICALLY ACTIVE RADIATION	20464	-	EPAR - Licor - PAR irradiance	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	20.08.2021		YES	-
PHOTOSYNTHETICALLY ACTIVE RADIATION	20864	-	EPAR - MVE - PAR irradiance	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	02.08.2023		YES	-
PLANT CHARACTERISTICS	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
PLANT CHARACTERISTICS	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
PLANT CHARACTERISTICS	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997		YES	-

PLANT CHARACTERISTICS	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT PHENOLOGY	5446	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
PLANT PHENOLOGY	5447	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT

PLANT PHENOLOGY	5525	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5526	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5527	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5528	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5529	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5530	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5531	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5532	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
POLLEN	5451	1005 5	Pollen trap	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	01.01.2008		YES	-
POLLEN	5862	-	Cyclone pollen sampler	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	15.09.2018	Link	YES	YES

VEGETATION COVER	5654	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.1997		YES	-
VEGETATION COVER	5655	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5656	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5657	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5658	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5850	5844	Calm Grid	Kolhaugen	University of Insubria	01.01.2012	Link	YES	YES
VEGETATION COVER	5515	11236	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
VEGETATION COVER	5516	11236	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
VEGETATION COVER	5517	11236	Exclosure stream	Solvatnet	University of Groningen	07.01.1996		YES	-
VEGETATION COVER	5511	11236	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5510	11236	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5512	11236	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997		YES	-

VEGETATION COVER	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.19 97		YES	-
VEGETATION COVER	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.19 97		YES	-
VEGETATION COVER	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.19 96		YES	-
VEGETATION COVER	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.19 96		YES	-
VEGETATION COVER	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION INDEX	5558	1106 3	Vegetation monitoring site	Nannestadelva	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5552	1106 3	Vegetation monitoring site	Kolhaugen	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5553	1106 3	Vegetation monitoring site	Havnerabben	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5554	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19		-	-

VEGETATION INDEX	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.2019		-	-
VEGETATION INDEX	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.2019		-	-
VEGETATION SPECIES	5650	3156	Enclosure for plant research (I)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5651	3156	Enclosure for plant research (II)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5652	3156	Enclosure for plant research (III)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5653	3156	Enclosure for plant research (X)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5654	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.1997		YES	-
VEGETATION SPECIES	5655	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5656	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5657	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-

VEGETATION SPECIES	5658	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5868	11241	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5869	11241	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5871	11241	Vegetation plot	Austre Lovenbreen (border of moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5870	11241	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5867	11241	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5866	11241	Vegetation quadrat (Q3)	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5865	11241	Vegetation quadrat (Q2)	Nannestadelva	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5872	11241	Vegetation plot	La Goule-elva	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5864	11241	Vegetation plot	Midtre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
VEGETATION SPECIES	5874	11241	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.2014	Link	YES	NO

VEGETATION SPECIES	5873	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.2014	Link	YES	NO
VEGETATION SPECIES	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991	Link	-	-
VEGETATION SPECIES	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991	Link	-	-
VEGETATION SPECIES	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.1996	Link	YES	-
VEGETATION SPECIES	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
VEGETATION SPECIES	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
VEGETATION SPECIES	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
VEGETATION SPECIES	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
VEGETATION SPECIES	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.1997	Link	YES	-
VEGETATION SPECIES	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.1996	Link	YES	-
VEGETATION SPECIES	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.1996	Link	YES	-
VEGETATION SPECIES	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
VEGETATION SPECIES	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
VEGETATION SPECIES	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-

VEGETATION SPECIES	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
VEGETATION SPECIES	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5446	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
DOMINANT SPECIES	5447	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
DOMINANT SPECIES	5868	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5869	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5871	1124 1	Vegetation plot	Austre Lovenbreen (border of moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5870	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5867	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5866	1124 1	Vegetation quadrat (Q3)	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO
DOMINANT SPECIES	5865	1124 1	Vegetation quadrat (Q2)	Nannestadelva	Chinese Academy of Sciences (CAS)	01.01.2011	Link	YES	NO

DOMINANT SPECIES	5872	1124 1	Vegetation plot	La Goule-elva	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
DOMINANT SPECIES	5864	1124 1	Vegetation plot	Midtre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
DOMINANT SPECIES	5874	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
DOMINANT SPECIES	5873	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
DOMINANT SPECIES	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.19 91	Link	-	-
DOMINANT SPECIES	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.19 91	Link	-	-
DOMINANT SPECIES	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.19 96	Link	YES	-
DOMINANT SPECIES	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
DOMINANT SPECIES	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
DOMINANT SPECIES	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
DOMINANT SPECIES	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
DOMINANT SPECIES	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
DOMINANT SPECIES	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.19 96	Link	YES	-
DOMINANT SPECIES	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.19 96	Link	YES	-

DOMINANT SPECIES	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
DOMINANT SPECIES	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
HERBIVORY	5450	1077 1	Exclosure	Papphytta	Norwegian Polar Institute (NPI)	15.03.1978	Link	YES	COAT
HERBIVORY	5449	1077 1	Exclosure	Kolhamnlaguna	Norwegian Polar Institute (NPI)	15.03.1978	Link	YES	COAT
LEAF CHARACTERISTICS	5498	1004 1	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5503	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5504	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5502	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5499	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-

LEAF CHARACTERISTICS	5500	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5501	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5505	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5506	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5507	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5508	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
LEAF CHARACTERISTICS	5509	6359	Exclosure annual grass production	Ny-Ålesund (village)	University of Groningen	-	Link	-	-
PHOTOSYNTHETICALLY ACTIVE RADIATION	10464	3156	PAR (Photosynthetically Active Radiation) Sensor	Ny-Ålesund (Kings Bay Veksthus)	National Institute of Polar Research (NIPR)	26.09.2022	Link	YES	-
PHOTOSYNTHETICALLY ACTIVE RADIATION	20865	-	USSIMO spectroradiometer	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.2017	Data dois: 10.11582/2021.	YES	-

							00039,1 0.11582 /2021.0 0044,10 .11582/ 2021.00 045,10. 11582/ 2021.00 046, 10.1158 2/2021. 00040,1 0.11582 /2021.0 0041,10 .11582/ 2021.00 042,10. 11582/ 2021.00 043		
PHOTOSYNTH ETICALLY ACTIVE RADIATION	18069	-	USSIMO spectroradiomet er	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.20 17	10.1158 2/2021. 00039	YES	-
PHOTOSYNTH ETICALLY ACTIVE RADIATION	20464	-	EPAR - Licor - PAR irradiance	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	20.08.20 21		YES	-

PHOTOSYNTHETICALLY ACTIVE RADIATION	20864	-	EPAR - MVE - PAR irradiance	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	02.08.2023		YES	-
PLANT CHARACTERISTICS	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
PLANT CHARACTERISTICS	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
PLANT CHARACTERISTICS	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997		YES	-
PLANT CHARACTERISTICS	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.1997		YES	-

PLANT CHARACTERISTICS	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.1996		YES	-
PLANT CHARACTERISTICS	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT CHARACTERISTICS	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002		YES	-
PLANT PHENOLOGY	5446	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
PLANT PHENOLOGY	5447	1077 1	Permanent COAT vegetation modules	Simlestupet	Norwegian Polar Institute (NPI)	07.01.2016	Link	YES	COAT
PLANT PHENOLOGY	5525	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-

PLANT PHENOLOGY	5526	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5527	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5528	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5529	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5530	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5531	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5532	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
POLLEN	5451	1005 5	Pollen trap	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	01.01.2008		YES	-
POLLEN	5862	-	Cyclone pollen sampler	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	15.09.2018	Link	YES	YES
VEGETATION COVER	5654	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.1997		YES	-

VEGETATION COVER	5655	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5656	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5657	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5658	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5850	5844	Calm Grid	Kolhaugen	University of Insubria	01.01.2012	Link	YES	YES
VEGETATION COVER	5515	11236	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991	-	-	-
VEGETATION COVER	5516	11236	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991	-	-	-
VEGETATION COVER	5517	11236	Exclosure stream	Solvatnet	University of Groningen	07.01.1996		YES	-
VEGETATION COVER	5511	11236	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5510	11236	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5512	11236	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5513	11236	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997		YES	-

VEGETATION COVER	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.19 97		YES	-
VEGETATION COVER	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.19 96		YES	-
VEGETATION COVER	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.19 96		YES	-
VEGETATION COVER	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION COVER	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.20 02		YES	-
VEGETATION INDEX	5558	1106 3	Vegetation monitoring site	Nannestadelva	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5552	1106 3	Vegetation monitoring site	Kolhaugen	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5553	1106 3	Vegetation monitoring site	Havnerabben	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5554	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19		-	-
VEGETATION INDEX	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.20 19		-	-

VEGETATION INDEX	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.2019		-	-
VEGETATION SPECIES	5650	3156	Enclosure for plant research (I)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5651	3156	Enclosure for plant research (II)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5652	3156	Enclosure for plant research (III)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5653	3156	Enclosure for plant research (X)	-	National Institute of Polar Research (NIPR)	08.01.1997		NO	-
VEGETATION SPECIES	5654	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.1997		YES	-
VEGETATION SPECIES	5655	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5656	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5657	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION SPECIES	5658	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-

VEGETATION SPECIES	5868	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5869	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5871	1124 1	Vegetation plot	Austre Lovenbreen (border of moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5870	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5867	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5866	1124 1	Vegetation quadrat (Q3)	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5865	1124 1	Vegetation quadrat (Q2)	Nannestadelva	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5872	1124 1	Vegetation plot	La Goule-elva	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5864	1124 1	Vegetation plot	Midtre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
VEGETATION SPECIES	5874	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
VEGETATION SPECIES	5873	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
VEGETATION SPECIES	5515	1123 6	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.19 91	Link	-	-

VEGETATION SPECIES	5516	1123 6	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.19 91	Link	-	-
VEGETATION SPECIES	5517	1123 6	Exclosure stream	Solvatnet	University of Groningen	07.01.19 96	Link	YES	-
VEGETATION SPECIES	5511	1123 6	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
VEGETATION SPECIES	5510	1123 6	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
VEGETATION SPECIES	5512	1123 6	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
VEGETATION SPECIES	5513	1123 6	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
VEGETATION SPECIES	5514	1123 6	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.19 97	Link	YES	-
VEGETATION SPECIES	5523	1123 6	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.19 96	Link	YES	-
VEGETATION SPECIES	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.19 96	Link	YES	-
VEGETATION SPECIES	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.20 02	Link	YES	-
VEGETATION SPECIES	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.20 02	Link	YES	-
VEGETATION SPECIES	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.20 02	Link	YES	-
VEGETATION SPECIES	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.20 02	Link	YES	-
VEGETATION SPECIES	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.20 02	Link	YES	-

PLANT PHENOLOGY	5527	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5528	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5529	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5530	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5531	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
PLANT PHENOLOGY	5532	1123 6	Dryas pollination camera	Storvatnet NE	Aarhus University	20.06.2019		YES	-
POLLEN	5451	1005 5	Pollen trap	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	01.01.2008		YES	-
POLLEN	5862	-	Cyclone pollen sampler	Ny-Ålesund (Gruvebadet)	National Research Council of Italy (CNR)	15.09.2018	Link	YES	YES
VEGETATION COVER	5654	3156	Quadrates for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.1997		YES	-
VEGETATION COVER	5655	3156	Quadrates for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-

VEGETATION COVER	5656	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5657	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5658	3156	Quadrat for vegetation monitoring	-	National Institute of Polar Research (NIPR)	08.01.2012		YES	-
VEGETATION COVER	5850	5844	Calm Grid	Kolhaugen	University of Insubria	01.01.2012	Link	YES	YES
VEGETATION COVER	5515	11236	Exclosure london	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
VEGETATION COVER	5516	11236	Exclosure oil drums	Ny-Ålesund (village)	University of Groningen	07.01.1991		-	-
VEGETATION COVER	5517	11236	Exclosure stream	Solvatnet	University of Groningen	07.01.1996		YES	-
VEGETATION COVER	5511	11236	Exclosure solheim 2	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5510	11236	Exclosure solheim 1	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5512	11236	Exclosure solheim 3	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5513	11236	Exclosure solheim 4	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5514	11236	Exclosure solheim 5	Solvatnet	University of Groningen	07.01.1997		YES	-
VEGETATION COVER	5523	11236	Exclosure thiis test	Thiisbukta	University of Groningen	07.01.1996		YES	-

VEGETATION COVER	5524	1123 6	Exclosure thiis oldest	Thiisbukta	University of Groningen	07.01.1996		YES	-
VEGETATION COVER	5518	1123 6	Exclosure and controls fragile 1	Thiisbukta	University of Groningen	15.07.2002		YES	-
VEGETATION COVER	5519	1123 6	Exclosure and controls fragile 2	Thiisbukta	University of Groningen	15.07.2002		YES	-
VEGETATION COVER	5520	1123 6	Exclosure and controls fragile 3	Thiisbukta	University of Groningen	15.07.2002		YES	-
VEGETATION SPECIES	5521	1123 6	Exclosure and controls fragile 4	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-
VEGETATION SPECIES	5522	1123 6	Exclosure and controls fragile 5	Thiisbukta	University of Groningen	15.07.2002	Link	YES	-

CLIMATE INDICATORS

CRYOSPHERIC INDICATORS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION		START DATE	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GLACIAL MEASUREMENTS	not registe	-	Mass balance stakes - Kronebreen	-	-	-	-	YES	MOSJ

	red in GiS		Holtedalsfonna, Vestre Brøgger Kongsvegen Midte Lovenbreen						
GLACIAL MEASUREME NTS	5739	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5740	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5741	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake,	YES	World Glacier Monitorin

							but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
GLACIAL MEASUREME NTS	5742	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5743	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)

GLACIAL MEASUREME NTS	5744	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5745	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5746	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
GLACIAL MEASUREMENTS	5747	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5748	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5749	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole	YES	World Glacier Monitoring Service (WGMS)

							glacier. url. same for all stakes		
GLACIAL MEASUREME NTS	5750	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5751	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5752	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
GLACIAL MEASUREMENTS	5753	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5754	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5755	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per	YES	World Glacier Monitoring

							stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
GLACIAL MEASUREME NTS	5756	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5757	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)

GLACIAL MEASUREME NTS	5758	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5759	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5760	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
GLACIAL MEASUREMENTS	5761	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5762	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5763	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole	YES	World Glacier Monitoring Service (WGMS)

							glacier. url. same for all stakes		
GLACIAL MEASUREME NTS	5764	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5765	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5766	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
GLACIAL MEASUREMENTS	5767	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5768	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
GLACIAL MEASUREMENTS	5769	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per	YES	World Glacier Monitorin

							stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
GLACIAL MEASUREME NTS	5770	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5771	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)

GLACIAL MEASUREME NTS	5772	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5773	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
GLACIAL MEASUREME NTS	5774	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
SNOW COVER	5849	5844	SnowCAM	Kolhaugen	University of Insubria	01.01.20 12	https://m etadata.i adc.cnr.it /geonet work/srv /api/reco rds/6e0f 67c7- 40ab- 440e- 99f6- 5f076f1f 3b52	NO	NO
SNOW COVER	5992	1014 9	Synoptical Weather observations	Ny-Ålesund	Norwegian Meteorological Institute (MET)	01.01.19 51	Link	YES	European Center for Medium- Range Weather Forecasts (ECMWF), EUMETNE T, WMO; BSRN
SNOW DEPTH	5952	2950	Bayelva: Gamma Snow Water Equivalent	Bayelva	Alfred Wegener Institute (AWI)	09.01.20 19	Link	YES	NO
SNOW DEPTH	not registe	1929	Snow thickness	Brøggerhalvøya	Norwegian Polar Institute (NPI)	01.01.20 00	-	YES	-

	red in GiS								
SNOW DEPTH	23668	1195 5	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.20 24	Link	NO	NO
SNOW DEPTH	5849	5844	SnowCAM	Kolhaugen	University of Insubria	01.01.20 12	Link	NO	NO

CRYOSPHERE

FROZEN GROUND

OBSERVED VARIABLE	OBJEC T ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK ?
PERMAFROST	5936	2950	Bayelva site: 10m depth	Bayelva	Alfred Wegener Institute (AWI)	24.05.20 09	Link	YES	GTNP

			thermometer chain						
PERMAFROST	8064	10715	CO2 sampler	Leirhaugen Hill	University of Cologne	07.09.2017		-	-
PERMAFROST	8065	10715	CO2 sampler	Lower Drainage Area	University of Cologne	07.09.2017		-	-
PERMAFROST	8464	10715	CO2 sampler	Leirhaugen Hill	University of Cologne	07.09.2017		-	-
PERMAFROST	8465	10715	CO2 sampler	Upper Drainage Area	University of Cologne	07.09.2017		-	-
PERMAFROST	5848	5844	Borehole	Kolhaugen	University of Insubria	01.01.2012	Link	YES	YES
SEASONALLY FROZEN GROUND	22066	11462	SUNSPEARS	Midtre Lovénbreen Forefield	British Antarctic Survey	22.07.2021	Link	YES	-
SEASONALLY FROZEN GROUND	22067	11462	SUNSPEARS	Midtre Lovénbreen Forefield	British Antarctic Survey	22.07.2021	Link	YES	-

GLACIERS/ICE SHEETS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
ABLATION ZONES/ACCU	5739	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not	YES	World Glacier Monitorin

MULATION ZONES							per stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5740	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5741	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
ABLATION ZONES/ACCU MULATION ZONES	5742	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5743	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole	YES	World Glacier Monitorin g Service (WGMS)

							glacier. url. same for all stakes		
ABLATION ZONES/ACCU MULATION ZONES	5744	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5745	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
ABLATION ZONES/ACCUMULATION ZONES	5746	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
ABLATION ZONES/ACCUMULATION ZONES	5747	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)

ABLATION ZONES/ACCU MULATION ZONES	5748	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5749	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU	5750	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not	YES	World Glacier Monitorin

MULATION ZONES							per stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5751	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5752	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
ABLATION ZONES/ACCUMULATION ZONES	5753	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
ABLATION ZONES/ACCUMULATION ZONES	5754	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole	YES	World Glacier Monitoring Service (WGMS)

							glacier. url. same for all stakes		
ABLATION ZONES/ACCU MULATION ZONES	5755	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5756	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
ABLATION ZONES/ACCUMULATION ZONES	5757	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
ABLATION ZONES/ACCUMULATION ZONES	5758	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)

ABLATION ZONES/ACCU MULATION ZONES	5759	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5760	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU	5761	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not	YES	World Glacier Monitorin

MULATION ZONES							per stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5762	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5763	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
ABLATION ZONES/ACCUMULATION ZONES	5764	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
ABLATION ZONES/ACCUMULATION ZONES	5765	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole	YES	World Glacier Monitoring Service (WGMS)

							glacier. url. same for all stakes		
ABLATION ZONES/ACCU MULATION ZONES	5766	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5767	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same	YES	World Glacier Monitorin g Service (WGMS)

							for all stakes		
ABLATION ZONES/ACCUMULATION ZONES	5768	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)
ABLATION ZONES/ACCUMULATION ZONES	5769	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitoring Service (WGMS)

ABLATION ZONES/ACCU MULATION ZONES	5770	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5771	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU	5772	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not	YES	World Glacier Monitorin

MULATION ZONES							per stake, but ablation for whole glacier. url. same for all stakes		g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5773	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but ablation for whole glacier. url. same for all stakes	YES	World Glacier Monitorin g Service (WGMS)
ABLATION ZONES/ACCU MULATION ZONES	5774	6815	Ablation stakes	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07	WGMS dataset - not per stake, but	YES	World Glacier Monitorin g Service (WGMS)

							ablation for whole glacier. url. same for all stakes		
GLACIER MASS BALANCE	5890	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5890	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5891	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5891	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5892	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5892	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5893	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO

GLACIER MASS BALANCE	5893	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5894	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5894	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5895	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5895	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5896	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5896	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5897	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5897	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5898	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO

GLACIER MASS BALANCE	5898	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5899	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5899	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5900	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5900	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5901	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5901	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5902	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5902	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5903	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO

GLACIER MASS BALANCE	5903	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5904	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5904	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5905	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5905	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5906	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5906	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5907	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5907	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5908	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO

GLACIER MASS BALANCE	5908	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5909	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5909	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5910	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5910	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5911	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	5911	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GIS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GIS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO

GLACIER MASS BALANCE	not registe red in GiS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	GPS Ice velocity observation station	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	GPS Ice velocity observation station	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	GPS Ice velocity observation station	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	GPS Ice velocity observation station	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
GLACIER MASS BALANCE	not registe red in GiS	1054 6	Meltwater flowmeter(dest oryed)	Austre Lovénbreen terminal	The Polar Research Institute of China (PRIC)	05.01.20 19	Data not availabl e due to instrum ent	YES	NO

							destoryed		
GLACIER MASS BALANCE	not registe red in GiS	1054 6	Meltwater flowmeter(dest oryed)	Austre Lovénbreen terminal	The Polar Research Institute of China (PRIC)	05.01.20 19	Data not availabl e due to instrum ent destory ed	YES	NO

SEA ICE

OBSERVED VARIABLE	OBJEC T ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK ?
FREEBOARD	5475	2949	Ice thickness	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 97	Link	YES	-
ICE DEPTH/THICK NESS	5475	2949	Ice thickness	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 97	Link	YES	-
SNOW DEPTH	5475	2949	Ice thickness	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 97	Link	YES	-
SNOW DEPTH	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.20 20	Link	NO	NO

SNOW DEPTH	5995	1668	Hydrological gauging station	Ny-Ålesund (scientific area)	Norwegian Water Resources and Energy Directorate (NVE)	08.01.2008	Link	YES	-
SNOW MELT	23669	12039	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO

SEA ICE CHEMISTRY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
CARBON DIOXIDE	5484	10139	Sea ice chemistry	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
INORGANIC CARBON	5484	10139	Sea ice chemistry	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
NUTRIENTS	5484	10139	Sea ice chemistry	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
OXYGEN ISOTOPES	5484	10139	Sea ice chemistry	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-

SNOW/ICE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK ?
ALBEDO	5629	6022	Ground-based spectral radiometer	Ny-Ålesund (AWIPEV)	Meteorological Research Institute	09.01.2012	Link	NO	-
ALBEDO	23669	12039	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
ICE VELOCITY	5890	10546	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5891	10546	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5892	10546	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5893	10546	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5894	10546	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO

ICE VELOCITY	5895	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5896	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5897	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5898	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5899	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5900	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5901	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5902	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5903	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO
ICE VELOCITY	5904	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.20 05	Link	YES	NO

ICE VELOCITY	5905	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5906	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5907	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5908	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5909	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5910	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	5911	1054 6	Stakes at Pedersenbreen	Pedersenbreen	The Polar Research Institute of China (PRIC)	01.01.2005	Link	YES	NO
ICE VELOCITY	not registered in GIS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.2016	Link	YES	NO
ICE VELOCITY	not registered in GIS	1054 6	Stakes at Austre Lovenbreen	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.2016	Link	YES	NO

ICE VELOCITY	not registe red in GiS	1054 6	GPS Ice velocity observation station	Austre Lovénbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
ICE VELOCITY	not registe red in GiS	1054 6	GPS Ice velocity observation station	Pedersenbreen	The Polar Research Institute of China (PRIC)	05.01.20 16	Link	YES	NO
ICE VELOCITY	not registe red in GiS	1054 6	Meltwater flowmeter(dest oryed)	Austre Lovénbreen terminal	The Polar Research Institute of China (PRIC)	05.01.20 19	Data not availabl e due to instrum ent destory ed	YES	NO
SNOW COVER	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.20 20	Link	NO	NO
SNOW COVER	23671	1205 6	Time-lapse camera	-	National Research Council of Italy (CNR)	15.04.20 24	Link	NO	NO
SNOW DENSITY	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.20 20	Link	NO	NO
SNOW DENSITY	26727	1207 7	Snow pack glacier monitoring	Kongsvegen	National Research Council of Italy (CNR)	01.01.20 12	Link	YES	NO

SNOW DENSITY	26327	1203 9	Snow pack monitor	Gruvebadet	National Research Council of Italy (CNR)	01.01.2017	Link	YES	NO
SNOW DEPTH	5947	2950	Bayelva site: Laser snow height meter	Bayelva	Alfred Wegener Institute (AWI)	23.08.2012	Link	YES	NO
SNOW DEPTH	13264	6087 , 3231	Automatic Weather station Høltedahlfonna stake 3	Høltedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.2021	Link	YES	Publiseres data i et nettverk?
SNOW DEPTH	5831	3471	Acoustic sensor	Kolhaugen	National Research Council of Italy (CNR)	01.10.2009	Link	YES	NO
SNOW WATER EQUIVALENT	14064	1238 7	Cosmic-Ray Neutron Sensor	Bayelva	Alfred Wegener Institute (AWI)	08.01.2023	Link	NO	NO
SNOW WATER EQUIVALENT	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
SNOW/ICE CHEMISTRY	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.2020	Link	NO	NO
SNOW/ICE CHEMISTRY	26727	1207 7	Snow pack glacier monitoring	Kongsvegen	National Research Council of Italy (CNR)	01.01.2012	Link	YES	NO
SNOW/ICE TEMPERATURE	13264	6087 , 3231	Automatic Weather station Høltedahlfonna stake 3	Høltedahlfonna stake 3	Norwegian Polar Institute (NPI)	26.04.2021	Link	YES	Publiseres data i et nettverk?

SNOW/ICE TEMPERATURE	5830	3471	Hygrothermometers	Kolhaugen	National Research Council of Italy (CNR)	01.10.20 09	Link	YES	NO
SNOW/ICE TEMPERATURE	23668	1195 5	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.20 24	Link	NO	NO
SNOW/ICE TEMPERATURE	23669	1203 9	Automated Nivometric Station	-	National Research Council of Italy (CNR)	07.11.20 20	Link	NO	NO

LAND SURFACE

FROZEN GROUND

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK ?
ACTIVE LAYER	5930	2950	Bayelva site: soil property profiles	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO

LAND TEMPERATUR E	5930	2950	Bayelva site: soil property profiles	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO
PERMAFROST	5930	2950	Bayelva site: soil property profiles	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO
SOIL TEMPERATUR E	5930	2950	Bayelva site: soil property profiles	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO
SOIL TEMPERATUR E	5558	1106 3	Vegetation monitoring site	Nannestadelva	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5552	1106 3	Vegetation monitoring site	Kolhaugen	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5553	1106 3	Vegetation monitoring site	Havnerabben	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5554	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.20 19	Link	-	-
SOIL TEMPERATUR E	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.20 19	Link	-	-

SOIL TEMPERATURE	not registered in GIS	1124 1	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
SOIL TEMPERATURE	5995	1668	Hydrological gauging station	Ny-Ålesund (scientific area)	Norwegian Water Resources and Energy Directorate (NVE)	08.01.20 08	Link	YES	-

SOILS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
ELECTRICAL CONDUCTIVITY	5930	2950	Bayelva site: soil property profiles	Bayelva	Alfred Wegener Institute (AWI)	13.09.19 98	Link	YES	NO

ELECTRICAL CONDUCTIVITY	not registered in GiS	1124 1	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
MICROFAUNA	5868	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5869	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5871	1124 1	Vegetation plot	Austre Lovenbreen (border of moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5870	1124 1	Vegetation plot	Austre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5867	1124 1	Vegetation plot	Jakobskjelda	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5866	1124 1	Vegetation quadrat (Q3)	Ny-Ålesund (scientific area)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5865	1124 1	Vegetation quadrat (Q2)	Nannestadelva	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUNA	5872	1124 1	Vegetation plot	La Goule-elva	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO

MICROFAUN A	5864	1124 1	Vegetation plot	Midtre Lovenbreen (moraine)	Chinese Academy of Sciences (CAS)	01.01.20 11	Link	YES	NO
MICROFAUN A	5874	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
MICROFAUN A	5873	1124 1	Vegetation plot	Storholmen	Chinese Academy of Sciences (CAS)	01.01.20 14	Link	YES	NO
SOIL	not registe red in GiS	1124 1	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
SOIL CHEMISTRY	not registe red in GiS	1124 1	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
SOIL MOISTURE/	14064	1238 7	Cosmic-Ray Neutron Sensor	Bayelva	Alfred Wegener Institute (AWI)	08.01.20 23	Link	NO	NO

WATER CONTENT									
SOIL MOISTURE/ WATER CONTENT	5558	1106 3	Vegetation monitoring site	Nannestadelva	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5552	1106 3	Vegetation monitoring site	Kolhaugen	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5553	1106 3	Vegetation monitoring site	Havnerabben	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5554	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.20 19	Link	-	-
SOIL MOISTURE/ WATER CONTENT	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.20 19	Link	-	-

SOIL MOISTURE/ WATER CONTENT	5995	1668	Hydrological gauging station	Ny-Ålesund (scientific area)	Norwegian Water Resources and Energy Directorate (NVE)	08.01.20 08	Link	YES	-
SOIL TEMPERATUR E	23668	1195 5	CO2 winter fluxes monitoring station	Ny-Ålesund	National Research Council of Italy (CNR)	01.09.20 24	Link	NO	NO
SOIL TEMPERATUR E	5702	6921	REMUS Site	Kongsfjordneset	National Research Council of Italy (CNR)	01.06.20 14	Link	YES	https://www.gvsu.edu/itex/sites-people-14.htm
SOIL TEMPERATUR E	5993	1014 9	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.19 94	Link	YES	-

OCEANS

COASTAL PROCESSES

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK?
----------------------	--------------	-----------	-------------	----------	-------------	---------------	--------------------------	----------------------------	--------------------------------

LONGSHORE CURRENTS	5839	4375	Mooring MDI	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
LONGSHORE CURRENTS	23266	10578	Mooring KIM	Krossfjorden	National Research Council of Italy (CNR)	15.09.2020	Link	YES	NO
LONGSHORE CURRENTS	23267	10578	Mooring MAP	Bayelva mouth	National Research Council of Italy (CNR)	09.11.2020	Link	NO	NO
SEA LEVEL RISE	5559	-	Tide water gauge	Ny-Ålesund (Tide water house)	Norwegian Mapping Authority (NMA)	16.03.1976	Link	YES	-

MARINE SEDIMENTS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
PARTICLE FLUX	5839	4375	Mooring MDI	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
PARTICLE FLUX	23266	10578	Mooring KIM	Krossfjorden	National Research Council of Italy (CNR)	15.09.2020	Link	YES	NO

PARTICLE FLUX	23267	10578	Mooring MAP	Bayelva mouth	National Research Council of Italy (CNR)	09.11.2020	Link	NO	np
---------------	-------	-------	-------------	---------------	--	------------	----------------------	----	----

OCEAN ACOUSTICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
AMBIENT NOISE	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)
AMBIENT NOISE	5841	6616	Hydrophone-SM2-Open Mooring	Kongsfjorden	National Research Council of Italy (CNR)	01.01.2014	Link	YES	NO

OCEAN CHEMISTRY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
CARBON DIOXIDE	5477	10139	IndARC-3 Mooring	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2016	Link	YES	-

CARBON DIOXIDE	5480	10139	Fixed station for seawater chemistry (Kb3)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	doi: 10.21334/npolar.2019.e53eae53, doi: 10.21334/npolar.2024.87ca4acd, doi: 10.21334/npolar.2024.d7c75c696	YES	-
CARBON DIOXIDE	5481	10139	Fixed station for seawater chemistry (Kb2)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
CARBON DIOXIDE	5482	10139	Fixed station for seawater chemistry (Kb1)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
CARBON DIOXIDE	5483	10139	Fixed station for seawater chemistry (Kb0)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
CARBON DIOXIDE	5478	10139	Fixed station for seawater chemistry (Kb5)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-

CARBON DIOXIDE	5479	1013 9	Fixed station for seawater chemistry (Kb4)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link	YES	-
CHLOROPHYLL	5945	5742	FerryBox	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
CHLOROPHYLL	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2014	Link	YES	NO
DISSOLVED GASES	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
DISSOLVED GASES	5539	1110 7	Kongsfjorden Marine Obs.	Kongsfjorden	UiT The Arctic University of Norway (UiT)	01.01.2002	10.11582/2023.00048	YES	-
INORGANIC CARBON	5480	1013 9	Fixed station for seawater chemistry (Kb3)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-
INORGANIC CARBON	5481	1013 9	Fixed station for seawater chemistry (Kb2)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-
INORGANIC CARBON	5482	1013 9	Fixed station for seawater chemistry (Kb1)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-
INORGANIC CARBON	5483	1013 9	Fixed station for seawater chemistry (Kb0)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-
INORGANIC CARBON	5478	1013 9	Fixed station for seawater chemistry (Kb5)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-

INORGANIC CARBON	5479	10139	Fixed station for seawater chemistry (Kb4)	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2012	Link 1 Link 2	YES	-
NITRATE	5539	11107	Kongsfjorden Marine Obs.	Kongsfjorden	UiT The Arctic University of Norway (UiT)	01.01.2002	10.11582/2023.00048	YES	-
NUTRIENTS	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
NUTRIENTS	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
NUTRIENTS	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
NUTRIENTS	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

NUTRIENTS	not registe red in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
OXYGEN	5945	5742	FerryBox	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.20 12	Link	YES	NO
OXYGEN	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.20 14	Link	YES	NO
OXYGEN	23266	1057 8	Mooring KIM	Krossfjorden	National Research Council of Italy (CNR)	15.09.20 20	Link	YES	NO
OXYGEN	23267	1057 8	Mooring MAP	Bayelva mouth	National Research Council of Italy (CNR)	09.11.20 20	Link	NO	np

OCEAN CIRCULATION

OBSERVED VARIABLE	OBJEC T ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK?
OCEAN CURRENTS	5950	5742	Acoustic Doppler current profiler (ADCP)	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.20 13	Link	YES	NO
OCEAN CURRENTS	5978	5742	Underwater Observatory	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.20 12	Link	YES	NO

			Mooring COSYNA						
OCEAN CURRENTS	5539	1110 7	Kongsfjorden Marine Obs.	Kongsfjorden	UiT The Arctic University of Norway (UiT)	01.01.20 02	10.1158 2/2023. 00048	YES	-
TURBULENCE	5950	5742	Acoustic Doppler current profiler (ADCP)	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.20 13	Link	YES	NO

OCEAN HEAT BUDGET

OBSERVED VARIABLE	OBJEC T ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK?
CONDUCTIO N	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
CONDUCTIO N	5456	1123 4	Kb3, fixed station for pelagic	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ

			biogeochemistry and plankton sampling						
CONDUCTIO N	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
CONDUCTIO N	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
CONDUCTIO N	5454	-	Kb5, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.20 00	Link	YES	MOSJ
CONDUCTIO N	5455	1123 4	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.20 09	Link	YES	MOSJ
CONDUCTIO N	5462	-	V6, fixed station for pelagic biogeochemistry	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ

			and plankton sampling						
CONDUCTIO N	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

OCEAN OPTICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
FLUORESCENCE	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
FLUORESCENCE	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)
FLUORESCENCE	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)

FLUORESCENCE	5539	11107	Kongsfjorden Marine Obs.	Kongsfjorden	UiT The Arctic University of Norway (UiT)	01.01.2002	10.11582/2023.00048	YES	-
FLUORESCENCE	5839	4375	Mooring MDI	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
PHOTOSYNTHETICALLY ACTIVE RADIATION	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
PHOTOSYNTHETICALLY ACTIVE RADIATION	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)
PHOTOSYNTHETICALLY ACTIVE RADIATION	5539	11107	Kongsfjorden Marine Obs.	Kongsfjorden	UiT The Arctic University of Norway (UiT)	01.01.2002	10.11582/2023.00048	YES	-
TURBIDITY	5945	5742	FerryBox	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
TURBIDITY	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2014	Link	YES	NO
TURBIDITY	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
TURBIDITY	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)

TURBIDITY	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)
FLUORESCENCE	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
FLUORESCENCE	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)
FLUORESCENCE	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)

OCEAN PRESSURE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
WATER PRESSURE	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2014	Link	YES	NO

OCEAN TEMPERATURE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
WATER TEMPERATURE	5942	6813	Kongsfjorden temperature logger	Kongsfjorden	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
WATER TEMPERATURE	5943	6812	Kongsfjorden experimental site	Kongsfjorden	Alfred Wegener Institute (AWI)	06.01.2012	Link	NO	NO
WATER TEMPERATURE	5945	5742	FerryBox	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
WATER TEMPERATURE	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2014	Link	YES	NO
WATER TEMPERATURE	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
WATER TEMPERATURE	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)

WATER TEMPERATUR E	5712	1226 0	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.20 11	Link	YES	NO(SIOS portal)
WATER TEMPERATUR E	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
WATER TEMPERATUR E	5456	1123 4	Kb3, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
WATER TEMPERATUR E	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
WATER TEMPERATUR E	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.19 96	Link	YES	MOSJ
WATER TEMPERATUR E	5454	-	Kb5, fixed station for pelagic	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.20 00	Link	YES	MOSJ

			biogeochemistry and plankton sampling						
WATER TEMPERATURE	5455	11234	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2009	Link	YES	MOSJ
WATER TEMPERATURE	5462	-	V6, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
WATER TEMPERATURE	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
WATER TEMPERATURE	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
WATER TEMPERATURE	not registered in GiS	10816	Seasonal fluctuation monitoring of environment	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

			and ecosystem of Kongsfjorden						
WATER TEMPERATURE	not registered in GIS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
WATER TEMPERATURE	not registered in GIS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
WATER TEMPERATURE	not registered in GIS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
WATER TEMPERATURE	5838	10578	CTD profiles	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
WATER TEMPERATURE	5839	4375	Mooring MDI	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
WATER TEMPERATURE	23266	10578	Mooring KIM	Krossfjorden	National Research Council of Italy (CNR)	15.09.2020	Link	YES	NO

WATER TEMPERATURE	23267	10578	Mooring MAP	Bayelva mouth	National Research Council of Italy (CNR)	09.11.2020	Link	NO	NO
-------------------	-------	-------	-------------	---------------	--	------------	----------------------	----	----

SALINITY/DENSITY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
CONDUCTIVITY	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
CONDUCTIVITY	not registered in GiS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
CONDUCTIVITY	not registered in GiS	10816	Seasonal fluctuation monitoring of environment	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

			and ecosystem of Kongsfjorden						
CONDUCTIVITY	not registered in GIS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
CONDUCTIVITY	not registered in GIS	10816	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
CONDUCTIVITY	5838	10578	CTD profiles	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
DENSITY	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
DENSITY	5456	11234	Kb3, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

DENSITY	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
DENSITY	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
DENSITY	5454	-	Kb5, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2000	Link	YES	MOSJ
DENSITY	5455	1123 4	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2009	Link	YES	MOSJ
DENSITY	5462	-	V6, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

DENSITY	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
DENSITY	5839	4375	Mooring MDI	Kongsfjorden	National Research Council of Italy (CNR)	01.03.2010	Link	YES	NO
SALINITY	5945	5742	FerryBox	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2012	Link	YES	NO
SALINITY	5951	5742	Old Pier CTD	Ny-Ålesund (Old Pier)	Alfred Wegener Institute (AWI)	06.01.2014	Link	YES	NO
SALINITY	5978	5742	Underwater Observatory Mooring COSYNA	Kongsfjorden	Alfred Wegener Institute (AWI)	01.01.2012	Link	YES	NO
SALINITY	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)
SALINITY	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)
SALINITY	5452	-	Kb7, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ

SALINITY	5456	1123 4	Kb3, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
SALINITY	5458	1123 4	Kb1, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
SALINITY	5460	-	V12, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
SALINITY	5454	-	Kb5, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2000	Link	YES	MOSJ
SALINITY	5455	1123 4	Kb4, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.2009	Link	YES	MOSJ

SALINITY	5462	-	V6, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
SALINITY	5461	-	V10, fixed station for pelagic biogeochemistry and plankton sampling	Kongsfjorden	Norwegian Polar Institute (NPI)	01.01.1996	Link	YES	MOSJ
SALINITY	23266	10578	Mooring KIM	Krossfjorden	National Research Council of Italy (CNR)	15.09.2020	Link	YES	NO
SALINITY	23267	10578	Mooring MAP	Bayelva mouth	National Research Council of Italy (CNR)	09.11.2020	Link	NO	np

OPTICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
CHLOROPHYLL	not registe	10816	Seasonal fluctuation monitoring of	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

CONCENTRATION	red in GiS		environment and ecosystem of Kongsfjorden						
CHLOROPHYLL CONCENTRATION	not registered in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
CHLOROPHYLL CONCENTRATION	not registered in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
CHLOROPHYLL CONCENTRATION	not registered in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO
CHLOROPHYLL CONCENTRATION	not registered in GiS	1081 6	Seasonal fluctuation monitoring of environment and ecosystem of Kongsfjorden	Kongsfjorden	The Polar Research Institute of China (PRIC)	05.01.20 19	Link	YES	NO

SOLID EARTH

GEODETICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
COORDINATE REFERENCE SYSTEM	5954	3183	GNSS antenna (NYA2)	Ny-Ålesund (Storage building NMA)	German Research Centre for Geosciences (GFZ)	03.01.2000		-	-
COORDINATE REFERENCE SYSTEM	5563	-	GNSS antenna (CCP)	Brandal	Norwegian Mapping Authority (NMA)	09.04.2016		YES	-
COORDINATE REFERENCE SYSTEM	5564	-	GNSS antenna (CP1)	Brandal	Norwegian Mapping Authority (NMA)	09.04.2016		YES	-
COORDINATE REFERENCE SYSTEM	5565	-	GNSS antenna (CP2)	Brandal	Norwegian Mapping Authority (NMA)	09.04.2016		YES	-
COORDINATE REFERENCE SYSTEM	5566	-	GNSS antenna (CP3)	Brandal	Norwegian Mapping Authority (NMA)	09.04.2016		YES	-
COORDINATE REFERENCE SYSTEM	5567	-	GNSS antenna (CP4)	Brandal	Norwegian Mapping Authority (NMA)	09.04.2016		YES	-

COORDINATE REFERENCE SYSTEM	5569	-	CautisGeo automatic total station (CP6)	Brandal	Norwegian Mapping Authority (NMA)	05.01.20 18		YES	-
COORDINATE REFERENCE SYSTEM	5570	-	GNSS antenna (CP7)	Brandal	Norwegian Mapping Authority (NMA)	06.03.20 17		YES	-
COORDINATE REFERENCE SYSTEM	5571	-	GNSS antenna (CP8)	Brandal	Norwegian Mapping Authority (NMA)	06.03.20 17		YES	-
COORDINATE REFERENCE SYSTEM	5575	-	GNSS antenna (NABA)	Brandal	Norwegian Mapping Authority (NMA)	01.01.20 16		YES	-
COORDINATE REFERENCE SYSTEM	5576	-	GNSS antenna (NABB)	Brandal	Norwegian Mapping Authority (NMA)	01.01.20 16		YES	-
COORDINATE REFERENCE SYSTEM	5577	-	EPSO test GNSS antenna (NABC)	Brandal	Norwegian Mapping Authority (NMA)	01.01.20 16		YES	-
COORDINATE REFERENCE SYSTEM	5578	-	GNSS antenna (NABD)	Brandal	Norwegian Mapping Authority (NMA)	06.01.20 17		YES	-
COORDINATE REFERENCE SYSTEM	5579	-	GNSS antenna (NABE)	Brandal	Norwegian Mapping Authority (NMA)	06.01.20 17		YES	-
COORDINATE REFERENCE SYSTEM	5580	-	GNSS antenna (NABF)	Brandal	Norwegian Mapping Authority (NMA)	06.01.20 17		YES	-
COORDINATE REFERENCE SYSTEM	5581	-	GNSS antenna (NABG)	Brandal	Norwegian Mapping Authority (NMA)	09.01.20 19	Link	YES	Interation al GNSS

									Service (IGS)
COORDINATE REFERENCE SYSTEM	5616	10350	VLBI antenna NS	Brandal	Norwegian Mapping Authority (NMA)	06.01.2017	Link	YES	International VLBI Service (IVS)
COORDINATE REFERENCE SYSTEM	5619	10350	VLBI antenna NN	Brandal	Norwegian Mapping Authority (NMA)	06.01.2017	Link	YES	International VLBI Service (IVS)
COORDINATE REFERENCE SYSTEM	5582	-	GNSS antenna (NYA1)	Rabben	Norwegian Mapping Authority (NMA)	06.01.1997	Link	YES	International GNSS Service (IGS)
COORDINATE REFERENCE SYSTEM	5583	-	GNSS antenna (NYAL)	Rabben	Norwegian Mapping Authority (NMA)	01.01.1993	Link	YES	International GNSS Service (IGS)
COORDINATE REFERENCE SYSTEM	5613	10318	VLBI antenna	Rabben	Norwegian Mapping Authority (NMA)	10.01.1994	Link	YES	International VLBI Service (IVS)
COORDINATE REFERENCE SYSTEM	5465	3231	GPS antenna	Ny-Ålesund (Sverdrup)	Norwegian Polar Institute (NPI)	01.01.2000	-	YES	-
COORDINATE REFERENCE SYSTEM	5918	3790	Ionosphere TEC and Scintillation monitor	Ny-Ålesund (Ungkarsheimen II)	China Research Institute of Radiowave Propagation (CRIRP)	08.01.2009	The data is retrieved through	YES	NO

							a copy method , not submitted annually.		
COORDINATE REFERENCE SYSTEM	5882	3790	GPS antenna for Ionosphere TEC and Scintillation monitor	Ny-Ålesund (Sverdrup)	China Research Institute of Radiowave Propagation (CRIRP)	08.01.2009	The data is retrieved through a copy method , not submitted annually.	YES	NO
COORDINATE REFERENCE SYSTEM	5991	-	Synthetic aperture radar reflector (corner cube)	Ny-Ålesund (between Gruvebadet and Kullhaugen)	Norwegian Defence Research Establishment (FFI)	01.01.1900		NO	-

GEOMAGNETISM

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GEOMAGNETIC FORECASTS	5915	3790	Fluxgate Magnetometer	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	08.01.2013	Link	YES	NO
GEOMAGNETIC FORECASTS	5916	3790	Pulsation Magnetometer	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	15.08.2016	-	YES	NO
MAGNETIC FIELD	5540	6083	Magnetometer	Ny-Ålesund (scientific area)	UiT The Arctic University of Norway (UiT)	01.01.1966	TGO web-pages Link 1 ; IMAGE network: Link 2 SuperMAG: http://supermag.uib.no/ ; World Data Centers for geomag	YES	-

							netism: Link 3		
--	--	--	--	--	--	--	-----------------------------------	--	--

GRAVITY/GRAVITATIONAL FIELD

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GRAVITATIONAL FIELD	5561	-	Superconducting Gravimeter	Brandal	Norwegian Mapping Authority (NMA)	15.09.2017		YES	International Geodynamics and Earth Tide Service (IGETS)
GRAVITATIONAL FIELD	5562	-	Superconducting Gravimeter	Rabben	Norwegian Mapping Authority (NMA)	09.01.1999	Link	YES	International Geodynamics and Earth Tide Service (IGETS)

TECTONICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
EARTHQUAKES	5996	2278	Very broad band seismological station	Ny-Ålesund	University of Bergen (UiB)	06.01.1967	10.14470/TR560404, 10.7914/SN/IU	YES	USGS GSN
EARTHQUAKES	5996	2278	Very broad band seismological station	Ny-Ålesund	University of Bergen (UiB)	06.01.1967	10.14470/TR560404, 10.7914/SN/IU	YES	USGS GSN

GAMMA RAY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GAMMA RAY FLUX	5965	5784	Gamma dose rate probe	Ny-Ålesund (NDACC Observatory)	The Federal Office for Radiation Protection	05.10.2012		-	-

INFRARED WAVELENGTHS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
INFRARED FLUX	5471	6807	Radiation station	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	03.01.2013	Link	YES	Publiseres data i et nettverk?

RADAR

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
DOPPLER VELOCITY	5974	10523	24 GHz Micro Rain Radar	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	27.04.2017	Link	-	-

DOPPLER VELOCITY	13664	3193	Doppler Orbitography by Radiopositioning Integrated on Satellite (DORIS beacon)	Ny-Ålesund	The National Centre for Space Studies (CNES)	10.01.2018		NO	-
RADAR REFLECTIVITY	5974	10523	24 GHz Micro Rain Radar	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	27.04.2017	Link	-	-

VISIBLE WAVELENGTHS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
VISIBLE IMAGERY	5934	2950	Bayelva site: Camera	Bayelva	Alfred Wegener Institute (AWI)	27.08.2006	Link	YES	NO
VISIBLE IMAGERY	5558	11063	Vegetation monitoring site	Nannestadelva	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5552	11063	Vegetation monitoring site	Kolhaugen	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5553	11063	Vegetation monitoring site	Havnerabben	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5554	11063	Vegetation monitoring site	Hamnerabben	NORCE	07.01.2019	Link	-	-

VISIBLE IMAGERY	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	19664	-	All-sky camera	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.20 17	10.1158 2/2021. 00028	YES	-
VISIBLE IMAGERY	5795	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5796	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5797	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5798	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5799	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5800	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5801	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-

VISIBLE IMAGERY	5802	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5803	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5804	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5805	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5806	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5816	3471	Spectral radiometer	Kohlaugen	National Research Council of Italy (CNR)	01.01.2014	Link	NO	NO
VISIBLE IMAGERY	5485	10340	Wildlife camera	Brandalpynkta	University of Groningen	20.06.2013		-	-
VISIBLE IMAGERY	5488	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5489	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5490	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5491	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-

VISIBLE IMAGERY	5492	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5486	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5487	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	16868	10149	Web Camera	Sverdrup	Norwegian Meteorological Institute (MET)	01.01.1990	Link	NO	-

SPECTRAL/ENGINEERING

GAMMA RAY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GAMMA RAY FLUX	5965	5784	Gamma dose rate probe	Ny-Ålesund (NDACC Observatory)	The Federal Office for Radiation Protection	05.10.2012	-	-	-

INFRARED WAVELENGTHS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
INFRARED FLUX	5471	6807	Radiation station	Ny-Ålesund (Zeppelin Observatory)	Norwegian Polar Institute (NPI)	03.01.2013	Link	YES	

RADAR

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
DOPPLER VELOCITY	5974	10523	24 GHz Micro Rain Radar	Ny-Ålesund (AWIPEV Atmospheric Observatory)	University of Cologne	27.04.2017	Link	-	-
DOPPLER VELOCITY	13664	3193	Doppler Orbitography by Radiopositioning Integrated on Satellite (DORIS beacon)	Ny-Ålesund	The National Centre for Space Studies (CNES)	10.01.2018		NO	-
RADAR REFLECTIVITY	5974	10523	24 GHz Micro Rain Radar	Ny-Ålesund (AWIPEV	University of Cologne	27.04.2017	Link	-	-

				Atmospheric Observatory)					
--	--	--	--	-----------------------------	--	--	--	--	--

VISIBLE WAVELENGTHS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK?
VISIBLE IMAGERY	5934	2950	Bayelva site: Camera	Bayelva	Alfred Wegener Institute (AWI)	27.08.20 06	Link	YES	NO
VISIBLE IMAGERY	5558	1106 3	Vegetation monitoring site	Nannestadelva	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5552	1106 3	Vegetation monitoring site	Kolhaugen	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5553	1106 3	Vegetation monitoring site	Havnerabben	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5554	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5555	1106 3	Vegetation monitoring site	Hamnerabben	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	5556	1106 3	Vegetation monitoring site	Near Storvatnet	NORCE	07.01.20 19	Link	-	-

VISIBLE IMAGERY	5557	1106 3	Vegetation monitoring site	Ny-Ålesund	NORCE	07.01.20 19	Link	-	-
VISIBLE IMAGERY	19664	-	All-sky camera	Ny-Ålesund (Light Sensitive Cabin)	UiT The Arctic University of Norway (UiT)	01.01.20 17	10.1158 2/2021. 00028	YES	-
VISIBLE IMAGERY	5795	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5796	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5797	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5798	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5799	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5800	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5801	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-
VISIBLE IMAGERY	5802	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.20 07		NO	-

VISIBLE IMAGERY	5803	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5804	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5805	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5806	6815	Automatic camera	Austre Lovénbreen glacier	Franche-Comté University	01.01.2007		NO	-
VISIBLE IMAGERY	5816	3471	Spectral radiometer	Kohlaugen	National Research Council of Italy (CNR)	01.01.2014	Link	NO	NO
VISIBLE IMAGERY	5485	10340	Wildlife camera	Brandalpynkta	University of Groningen	20.06.2013		-	-
VISIBLE IMAGERY	5488	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5489	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5490	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5491	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5492	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	5486	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-

VISIBLE IMAGERY	5487	10340	Wildlife camera	Brandalpynkta	University of Groningen	-		-	-
VISIBLE IMAGERY	16868	10149	Web Camera	Sverdrup	Norwegian Meteorological Institute (MET)	01.01.1990	Link	NO	-
VISIBLE IMAGERY	5934	2950	Bayelva site: Camera	Bayelva	Alfred Wegener Institute (AWI)	27.08.2006	Link	YES	NO
VISIBLE IMAGERY	5558	11063	Vegetation monitoring site	Nannestadelva	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5552	11063	Vegetation monitoring site	Kolhaugen	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5553	11063	Vegetation monitoring site	Havnerabben	NORCE	07.01.2019	Link	-	-
VISIBLE IMAGERY	5554	11063	Vegetation monitoring site	Hamnerabben	NORCE	07.01.2019	Link	-	-

SUN-EARTH INTERACTIONS

IONOSPHERE/MAGNETOSPHERE DYNAMICS

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GEOMAGNETIC FORECASTS	5671	12514	Low frequency radio receiver	Ny-Ålesund (Kings Bay Veksthus)	Tohoku University	03.01.2010		NO	-
AURORAE	5819	3304	All Sky Camera	Brandal / Light Sensitive Cabin	Italian National Institute for Astrophysics (INAF)	01.01.2004	Link	YES	https://space.fmi.fi/MIRACLE/
MAGNETIC FIELDS/MAGNETIC CURRENTS	6002	3130; 3131; 3132; 3136; 3137; 3138	ULF (Induction coil) magnetometer	Ny-Ålesund (scientific area)	New Hampshire University	01.01.2006	Link	yes	NO?
ELECTRIC FIELDS/ELECT	5541	11105	Ionosonde	Ny-Ålesund (Gruvebadet)	UiT The Arctic University of Norway (UiT)	01.01.1993	TGO web-	YES	-

RIC CURRENTS							pages: Link 1 , SIOS: Link 2		
ION CHEMISTRY/IONIZATION	5541	11105	Ionosonde	Ny-Ålesund (Gruvebadet)	UiT The Arctic University of Norway (UiT)	01.01.1993	TGO web-pages: Link 1 SIOS: Link 2	YES	-
AURORAE	5542	6696	Riometer (30MHz)	Ny-Ålesund (Sverdrup)	UiT The Arctic University of Norway (UiT)	01.01.1966	Link	YES	-
ION CHEMISTRY/IONIZATION	5542	6696	Riometer (30MHz)	Ny-Ålesund (Sverdrup)	UiT The Arctic University of Norway (UiT)	01.01.1966	Link	YES	-
AURORA	5543	6696	Riometer (40MHz)	Ny-Ålesund (Sverdrup)	UiT The Arctic University of Norway (UiT)	01.01.1966	Link	YES	-
ION CHEMISTRY/IONIZATION	5543	6696	Riometer (40MHz)	Ny-Ålesund (Sverdrup)	UiT The Arctic University of Norway (UiT)	01.01.1966	Link	YES	-
NOT GIVEN	5863	3790	Ionospheric scitillation and TEC monitor	Ny-Ålesund (Ungkarsheimen II)	Chinese Academy of Sciences (CAS)	07.12.2007	to be submitted	YES	NO
Not given	5914	3790	Imaging Relative Ionospheric Opacity	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	11.01.2008	Link	YES	NO

			Meter(Imaging Riometer)						
Not given	5912	3790	all-sky auroral imager	Ny-Ålesund (Ungkarsheimen II)	The Polar Research Institute of China (PRIC)	12.01.2003	Link	YES	NO
Not given	5913	3790	Auroral spectrograph	Ny-Ålesund (Ungkarsheimen II)	The Polar Research Institute of China (PRIC)	12.01.2010	-	YES	NO
Not given	5845	11174	Ionospheric Scintillation Monitoring Receiver (GNSS) - nya0p	Ny-Ålesund	National Institute of Geophysics and Volcanology (INGV)	26.09.2003	Link	YES	GNSS Ionospheric Scintillation monitoring network "eSWua" www.eswua.ingv.it
Not given	5821	3297	Ionospheric Scintillation Monitoring Receiver (GNSS) - nya1p	Ny-Ålesund	National Institute of Geophysics and Volcanology (INGV)	01.01.2010	Link	YES	GNSS Ionospheric Scintillation monitoring network "eSWua" www.eswua.ingv.it

SOLAR ACTIVITY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
COSMIC RAYS	5959	3211	Bonner sphere Spectrometer	Ny-Ålesund (Blue house)	Helmholtz Zentrum München: German Research Center for Environmental Health	01.01.2007		-	-
COSMIC RAYS	23269	11269	POLA-3	-	National Institute of Nuclear Physics (INFN)	30.05.2019	Link	YES	NO
COSMIC RAYS	5851	11269	POLA-4	Ny-Ålesund (Gruvebadet)	National Institute of Nuclear Physics (INFN)	22.05.2019	Link	YES	NO

SOLAR ENERGETIC PARTICLE FLUX

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL
-------------------	-----------	--------	-------------	----------	-------------	------------	--------------------	---------------------	-----------------

									NETWORK?
SUB-ATOMIC PARTICLE FLUX	5833	1126 9	POLA-1	Kolhaugen	National Institute of Nuclear Physics (INFN)	20.05.2019	Link	YES	NO
SUB-ATOMIC PARTICLE FLUX	23269	1126 9	POLA-3	-	National Institute of Nuclear Physics (INFN)	30.05.2019	Link	YES	NO
SUB-ATOMIC PARTICLE FLUX	5851	1126 9	POLA-4	Ny-Ålesund (Gruvebadet)	National Institute of Nuclear Physics (INFN)	22.05.2019	Link	YES	NO

TERRESTRIAL HYDROSPHERE

GROUND WATER

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORING?	PART OF GLOABEL NETWORK?
GROUND WATER PROCESSES/ MEASUREMENTS	23667	1179 5	Piezometers with multiparameter probe	-	National Research Council of Italy (CNR)	01.07.2022	Link	NO	NO

GROUNDWATER CHEMISTRY	23667	1179 5	Piezometers with multiparameter probe	-	National Research Council of Italy (CNR)	01.07.20 22	Link	NO	NO
--------------------------	-------	-----------	--	---	--	----------------	----------------------	----	----

SNOW/ICE

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE	LINK TO DATA/D OIS	PART OF MONITORIN G?	PART OF GLOABEL NETWORK?
SNOW DEPTH	5993	1014 9	Automatic Weather station	Ny-Ålesund	Norwegian Meteorological Institute (MET)	25.07.19 94	Link	YES	-
SNOW ENERGY BALANCE	5947	2950	Bayelva site: Laser snow height meter	Bayelva	Alfred Wegener Institute (AWI)	23.08.20 12	Link	YES	NO
SNOW ENERGY BALANCE	14064	1238 7	Cosmic-Ray Neutron Sensor	Bayelva	Alfred Wegener Institute (AWI)	08.01.20 23	Link	NO	NO
SNOW/ICE CHEMISTRY	26327	1203 9	Snow pack monitor	Gruvebadet	National Research Council of Italy (CNR)	01.01.20 17	Link	YES	NO

SURFACE WATER

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE		PART OF MONITORING?	PART OF GLOABEL NETWORK?
SURFACE WATER PROCESSES/ MEASUREMENTS	23666	11795	River station with multiparameter probe	Bayelva River	National Research Council of Italy (CNR)	01.07.2022	Link	NO	NO

WATER QUALITY/WATER CHEMISTRY

OBSERVED VARIABLE	OBJECT ID	RIS ID	OBJECT NAME	LOCATION	INSTITUTION	START DATE		PART OF MONITORING?	PART OF GLOABEL NETWORK?
CHLOROPHYLL CONCENTRATIONS	not registered in GiS	11241	Research on seasonal fluctuation monitoring of terrestrial	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

			environment and ecosystem at the Yellow River Station area, Arctic						
CONDUCTIVITY	not registered in GiS	11241	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
GASES	5711	12260	Ocean Mooring	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	23.07.2014	Link	YES	NO(SIOS portal)
GASES	5712	12260	CTD fjord transect	Kongsfjorden	National Centre for Polar and Ocean Research (NCPOR)	01.06.2011	Link	YES	NO(SIOS portal)
NUTRIENTS	not registered in GiS	11241	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

			at the Yellow River Station area, Arctic						
pH	not registered in GiS	11241	Research on seasonal fluctuation monitoring of terrestrial environment and ecosystem at the Yellow River Station area, Arctic	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO
WATER CHARACTERISTICS	23666	11795	River station with multiparameter probe	Bayelva River	National Research Council of Italy (CNR)	01.07.2022	Link	NO	NO
WATER CHARACTERISTICS	23666	11795	River station with multiparameter probe	Bayelva River	National Research Council of Italy (CNR)	01.07.2022	Link	NO	NO
WATER CHARACTERISTICS	23666	11795	River station with multiparameter probe	Bayelva River	National Research Council of Italy (CNR)	01.07.2022	Link	NO	NO
WATER TEMPERATURE	not registered in GiS	11241	Research on seasonal fluctuation monitoring of terrestrial	Ny-Ålesund (scientific area)	The Polar Research Institute of China (PRIC)	05.01.2019	Link	YES	NO

			environment and ecosystem at the Yellow River Station area, Arctic						
--	--	--	--	--	--	--	--	--	--