

Category	Sub-Category	Sverdrup Station, Ny-Ålesund
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Website		http://sverdrup.npolar.no
Country		Norway (Svalbard/Spitsbergen)
Opening year		1968
Operational period		Year-round
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	Yes Yes stationmanager@npolar.no
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Norwegian Polar Institute Government Norwegian Polar Institute stationmanager@npolar.no www.npolar.no
Other institutions	Name Country	– –
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	78°55' N, 11°56' E 5 m a.s.l. 0 m a.s.l. 1500 m a.s.l. Longyearbyen/Ny-Ålesund (2000/c. 30 inhabitants) 100 km to Longyearbyen/located in Ny-Ålesund 1:30 000 , 1:100 000, 1:250 000, air photos, satellite images
Climate	Climate zone	High Arctic
	Permafrost	Continuous
	Years measured	Means 1961-1990
	Mean annual temperature	-6.3 °C
	Mean temperature in February	-14.6 °C
	Mean temperature in July	4.9 °C
	Mean annual wind speed	–
	Max. wind speed	24 m/s
	Dominant wind direction	E
	Total annual precipitation	370 mm (1975-89)
	Precipitation type	Rain, snow
Ice break up	April/May	
Station facilities	Area under roof	585 m ²
	Scientific laboratories	Access to Kings Bay laboratory
	Logistic	–
	Number of rooms (beds)	Access to Kings Bay
	Number of staff on station (peak/off season)	5/4
	Max. number of visitors at a time	150 (total capacity of Ny-Ålesund, shared between all stations)
	Showers	Yes
	Laundry facilities	Yes
Scientific equipment	Power supply (type)	220 V EU type
	Power supply	All day hours
Scientific equipment	Specific device	Instruments for atmospheric, radiation, and hydrologic measurements, and others
	Scientific services offered	Monitoring long term measurements, support for visitors
Medical facilities	Medical facilities	Basic
	Medical suite	Yes
	No. of staff with basic medical training or doctor	– (nurse sometimes in summer)
	Distance to hospital (estimated time)	100 km to Longyearbyen (1 hour)
	Compulsory safety equipment	First aid kit, glacier rescue, satellite phone, VHF
Landing facilities	Recommended safety equipment	–
	Airstrip (Length × Width)	Kings Bay operated
	Airstrip surface	Gravel
	Helipad	Yes
Vehicles at station	Ship landing facilities	Port, landing wharf, pier, ponton (operated by Kings Bay)
	Sea transportation	–
Transport and freight	Land transportation	–
	Transport to station	95% by plane
	Number of ship visits per year (period)	Many freight and sailing ships, no regular person transport (May-September)
	Number of flight visits per year (period)	2-4 per week (year-round)





Features within study area

- Yes
- No

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other (Sea ice)

Main science disciplines

- Anthropology, Sociology, Archaeology
- Astrophysics
- Atmospheric chemistry and physics
- Isotopic chemistry
- Climatology, Climate Change
- Environmental sciences, Pollution
- Geodesy
- Geology, Sedimentology
- Geophysics
- Glaciology
- Geocryology, Geomorphology
- Soil science
- Human biology, Medicine
- Mapping, GIS
- Marine biology
- Oceanography, Fishery
- Microbiology
- Hydrology
- Terrestrial biology, Ecology
- Paleolimnology
- Paleoecology
- Limnology

Workshop facilities

- Metal workshop
- Wood workshop
- Plexiglas workshop
- Staff available to assist with constructions

Communication

- Telephone
- Satellite phone
- VHF
- E-mail
- Internet
- Computer
- Printer
- Scanner
- Fax