


Category	Sub-Category	Pallas-Sodankylä Research Station
Website		http://fmiarc.fmi.fi
Country		Finland
Opening year		1949
Operational period		Year-round
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	- - -
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	Finnish Meteorological Institute Government Finnish Meteorological Institute riitta.aikio@fmi.fi www.fmi.fi
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 settlement Map	Pallas: 67°58' N, 24°07' E; Sodankylä: 67°22' N, 26°39' E Sodankylä station at 179 m a.s.l., Sammaltunturi station at 565 m a.s.l. About 250 m a.s.l. near Pallas, 170 m a.s.l. near Sodankylä About 800 m a.s.l. near Pallas, about 500 m a.s.l. near Sodankylä Sodankylä (6000 inhabitants) 7 km from station to Sodankylä Aerial image, satellite image, Google Earth
		
Climate	Climate zone Permafrost Years measured Mean annual temperature Mean temperature in February Mean temperature in July Mean annual wind speed Max. wind speed Dominant wind direction Total annual precipitation Precipitation type Ice break up	Subarctic (Northern-Boreal) - Since 1981 - 0.4 °C (Sodankylä) -12.7 °C (Sodankylä) 14.5 °C (Sodankylä) 2.7 °C (Sodankylä) - S (Sodankylä) 527 mm (Sodankylä) Rain, snow Late May
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak / off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	c. 1500 m ² c. 250 m ² c. 500 m ² 14 rooms (25 beds) 35/27 20-25 Yes Yes European 24 hours per day
Scientific equipment	Specific device Scientific services offered	Advanced solar measurements, including FTS Technical support
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	Available in the village Yes Hospital at 7 km distance 7 km from station at Sodankylä VHF radio First aid kits, defibrillator, foam extinguishers
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	Airport at Rovaniemi (130 km from station) Asphalt Yes (Sodankylä, 7 km station) -
Vehicles at station	Sea transportation Land transportation	- Car
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Car, bus, on foot - -

