


| Category | Sub-Category | Research Station Samoylov Island |
|------------------------------|--|---|
| Website | | www.awi.de/en/expedition/stations/samoylov |
| Country | | Russia |
| Opening year | | 1998/2013 (new station) |
| Operational period | | Year-round |
| Permitting issues categories | Permits required for access to the station | Yes |
| | Permits required for studies | Yes |
| | Contact (permit issues) | Anne.Morgenstern@awi.de, waldemar.schneider@awi.de |
| Facility owner and manager | Name of the facility owner | Trofimuk Institute of Petroleum Geology and Geophysics, Siberian Branch of Russian Academy of Sciences |
| | Owner status | Government |
| | Institution responsible for managing the station | Trofimuk Institute of Petroleum Geology and Geophysics, Siberian Branch of Russian Academy of Sciences and Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research (Germany) |
| | Contact (access to station) Website (institution) | Anne.Morgenstern@awi.de, GrigoryevMN@ipgg.sbras.ru www.awi.de |
| Other institutions | Name | AWI, IPGG SB RAS, PIY SB RAS |
| | Country | Germany, Russia |
| Location | Geographical coordinates | 72°22' N, 126°29' E |
| | Altitude of station | 12 m a.s.l. |
| | Min. altitude within study area | 0 m a.s.l. |
| | Max. altitude within study area | 50 m a.s.l. |
| | Nearest town/settlement | Tiksi (5000 inhabitants) |
| | Distance to nearest town/settlement | 120 km |
| | Map | Aerial image, satellite image, Google Earth with low resolution |
| | |  |
| Climate | Climate zone | Low Arctic |
| | Permafrost | Continuous |
| | Years measured | Since 1998 (with gaps) |
| | Mean annual temperature | -13.6 °C |
| | Mean temperature in February | -33.2 °C |
| | Mean temperature in July | 9.3 °C |
| | Mean annual wind speed | 4.35 m/s |
| | Max. wind speed | 17.7 m/s |
| | Dominant wind direction | NE |
| | Total annual precipitation | 319 mm |
| | Precipitation type | Rain, snow |
| Ice break up | Lena River backwater: May | |
| Station facilities | Area under roof | Main building: 1214 m ² , power generating unit: 101 m ² , garage: 313 m ² |
| | Scientific laboratories | 270 m ² |
| | Logistic | 420 m ² (storages, technical and other rooms), engineering infrastructure. Total area of station territory: 3.3 hectares |
| | Number of rooms (beds) | 10 sleeping rooms (30 beds), 4 living rooms, 7 labs, 5 kitchens, 1 conference hall, 1 fitness room, 12 other rooms |
| | Number of staff on station (peak/off season) | 8 (6) |
| | Max. number of visitors at a time | 25 |
| | Showers | 8 |
| | Laundry facilities | 2 rooms |
| Power supply (type) | 1 256 KVA diesel generator Caterpillar (2 in reserve), 3 portable generators (4-8 KVA) and 400 W wind generator (under reconstruction) | |
| Power supply | 24 hours diesel, 24 hours wind | |
| Scientific equipment | Specific device | 72 special scientific devices, field equipment, tools, machinery, etc. |
| | Scientific services offered | Laboratories |
| Medical facilities | Medical facilities | 2 rooms (1 physician, 1 isolation ward) |
| | Medical suite | |
| | No. of staff with basic medical training or doctor | 1 (occasionally none) |
| | Distance to hospital (estimated time) | 120 km (1 hour by helicopter) |
| | Compulsory safety equipment | Life jackets for boat trips |
| Recommended safety equipment | - | |
| Landing facilities | Airstrip (Length × Width) | - |
| | Airstrip surface | - |
| | Helipad | None, but helicopter can land |
| | Ship landing facilities | - |
| Vehicles at station | Sea transportation | Sea going boat, outboard motorboat, 2 rubber boats, 5 boat engines |
| | Land transportation | Crawler transporter, truck-bus, skidder, quad with hanger, amphibian vehicle, snowmobile |
| Transport and freight | Transport to station | Flight and helicopter or boat in summer, crawler transporter and truck-bus by sea/river ice in winter |
| | Number of ship visits per year (period) | No regular schedule |
| | Number of flight visits per year (period) | Once every two weeks (May – October), once every month (November – September) |