



| Category                     | Sub-Category  | Sonnblick Observatory  |
|------------------------------|---|--|
| Website                      |   | www.sonnblick.net  |
| Country                      |   | Austria  |
| Opening year                 |   | 1886   |
| Operational period           |   | Year-round   |
| Permitting issues categories | Permits required for access to the station<br>Permits required for studies<br>Contact (permit issues)   | –<br>Yes<br>bernhard.niedermoser@zamg.ac.at  |
| Facility owner and manager   | Name of the facility owner<br>Owner status<br>Institution responsible for managing the station<br>Contact (access to station)<br>Website (institution)  | Sonnblick Verein<br>Private<br>Zentralanstalt für Meteorologie und Geodynamik<br>bernhard.niedermoser@zamg.ac.at<br>www.zamg.ac.at   |
| Other institutions           | Name<br>Country   | –<br>–   |
| Location                     | Geographical coordinates<br>Altitude of station<br>Min. altitude within study area<br>Max. altitude within study area<br>Nearest town/settlement<br>Distance to nearest town/settlement<br>Map  | 47°03'15" N, 12°57'28" E<br>3105 m a.s.l.<br>1600 m a.s.l.<br>3254 m a.s.l.<br>Rauris (3050 inhabitants)<br>20 km<br>Yes   |
| Climate                      | Climate zone<br>Permafrost<br>Years measured<br>Mean annual temperature<br>Mean temperature in February<br>Mean temperature in July<br>Mean annual wind speed<br>Max. wind speed<br>Dominant wind direction<br>Total annual precipitation<br>Precipitation type<br>Ice break up | Alpine<br>Discontinuous<br>125<br>-5.7 °C<br>-11.2 °C<br>1.8 °C<br>5.6 m/s<br>67 m/s<br>SW<br>2680 mm<br>Snow, rain<br>–   |
| Station facilities           | Area under roof<br>Scientific laboratories<br>Logistic<br>Number of rooms (beds)<br>Number of staff on station (peak/off season)<br>Max. number of visitors at a time<br>Showers<br>Laundry facilities<br>Power supply (type)<br>Power supply                                   | 200 m <sup>2</sup><br>20 m <sup>2</sup><br>80 m <sup>2</sup><br>4 rooms (8 beds) plus 80 beds in the hut of Alpenverein<br>2/2<br>10<br>Yes<br>Yes<br>Power supply from cable 230 V 50Hz<br>24 hours per day |
| Scientific equipment         | Specific device<br>Scientific services offered  | –<br>WLAN  |
| Medical facilities           | Medical facilities<br>Medical suite<br>No. of staff with basic medical training or doctor<br>Distance to hospital (estimated time)<br>Compulsory safety equipment<br>Recommended safety equipment   | Standard<br>–<br>2<br>40 km (15 min with helicopter)<br>For outdoor: mountaineering at glacier<br>–  |
| Landing facilities           | Airstrip (Length × Width)<br>Airstrip surface<br>Helipad<br>Ship landing facilities   | –<br>–<br>Yes<br>–   |
| Vehicles at station          | Sea transportation<br>Land transportation   | –<br>–   |
| Transport and freight        | Transport to station<br>Number of ship visits per year (period)<br>Number of flight visits per year (period)  | Cable car<br>–<br>–  |



#### Features within study area

- Ice cap or glacier
- Permanent snowpatches
- Mountain
- Valley
- Shoreline
- Tundra
- Tree line
- Other

● Yes  
○ No

#### 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

