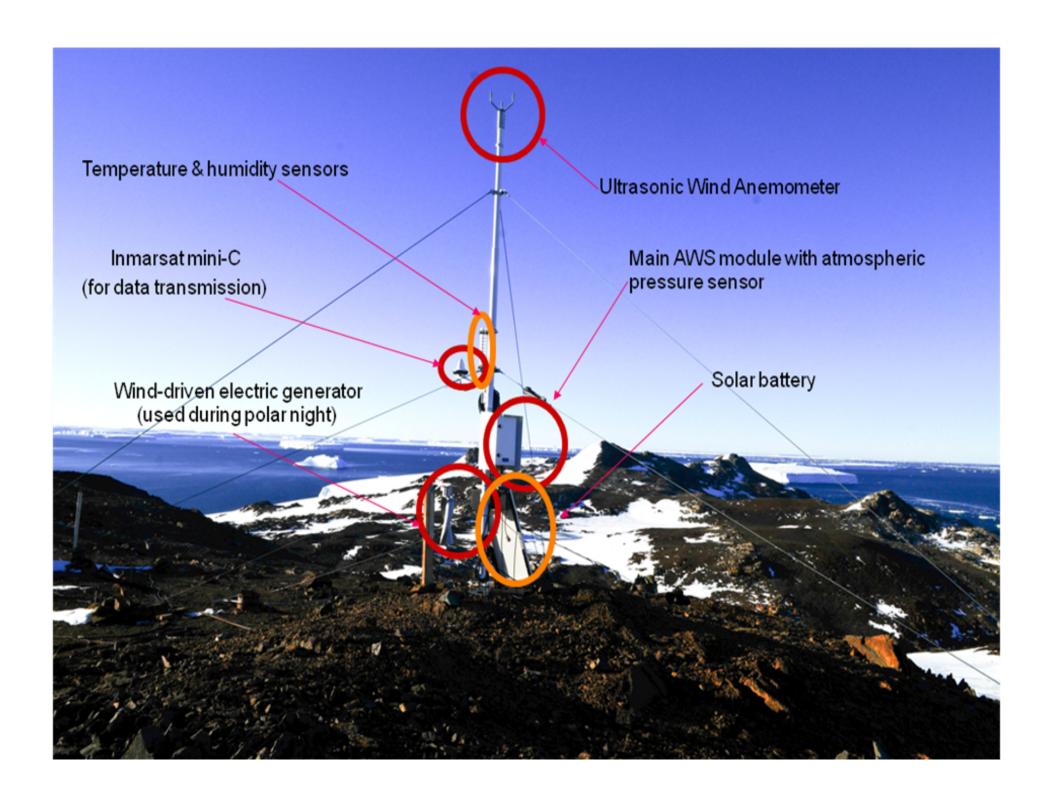
Russian AWS in the Antarctic

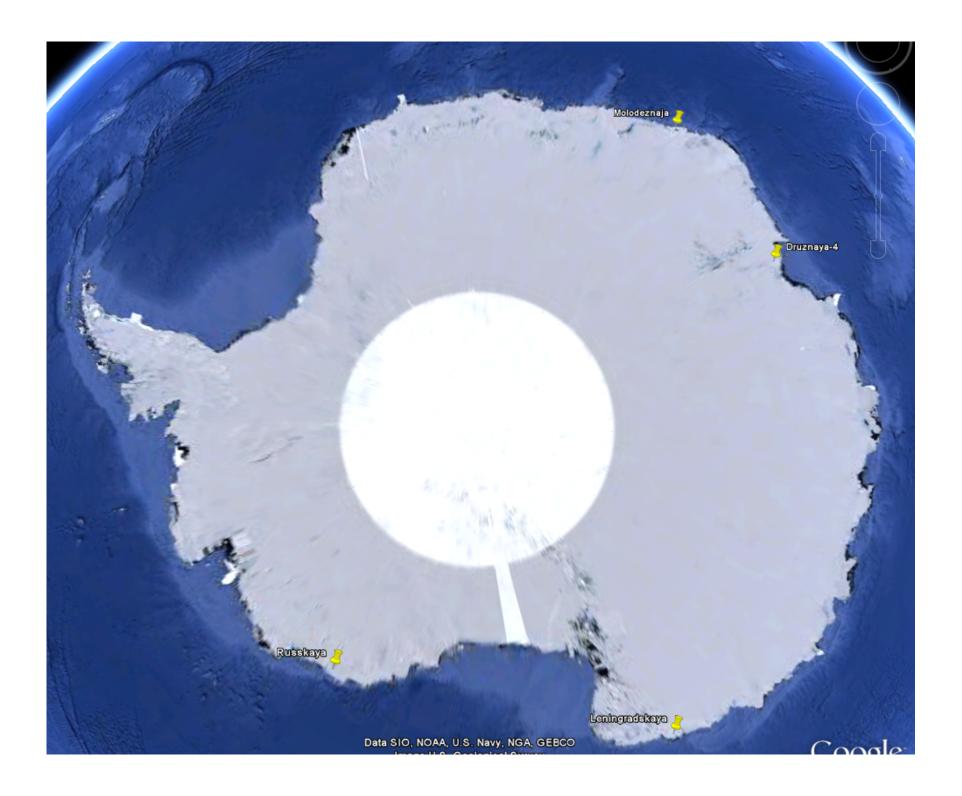
Steven Colwell (BAS)
Alexander Klepikov (AARI)
Victor Lagun (AARI)

- AARI currently operates 4 AWS in Antarctica, they are located at the sites of old Russian stations.
 - Molodeznaja (since 2006)
 - Leningradskaya (since 27/01/2008)
 - Russkaya (since 10/02/2008)
 - Druznaja-4 (since 19/12/2009)
- The AWS at Molodeznaja was destroyed on 10/02/2010 by strong winds.
- All AWS are MAWS-110 made by Vaisala.



Future plans

- re-install AWS at Molodeznaja during the summer season 2011-12
- Install an AWS at the airstrip of Progress station in the summer season 2011-12
- Install AWS at the Bunger Oasis field base in the summer season 2012-13.





Current Russian stations

 Bellingshausen 	1968 to presen
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- Novolazarevskaya 1961 to present
- Mirny
 1956 to present
- Vostok
 1957 to present
- Progress
 1988 to present

Closed Russian stations

Molodeznaya 1962 to 1999

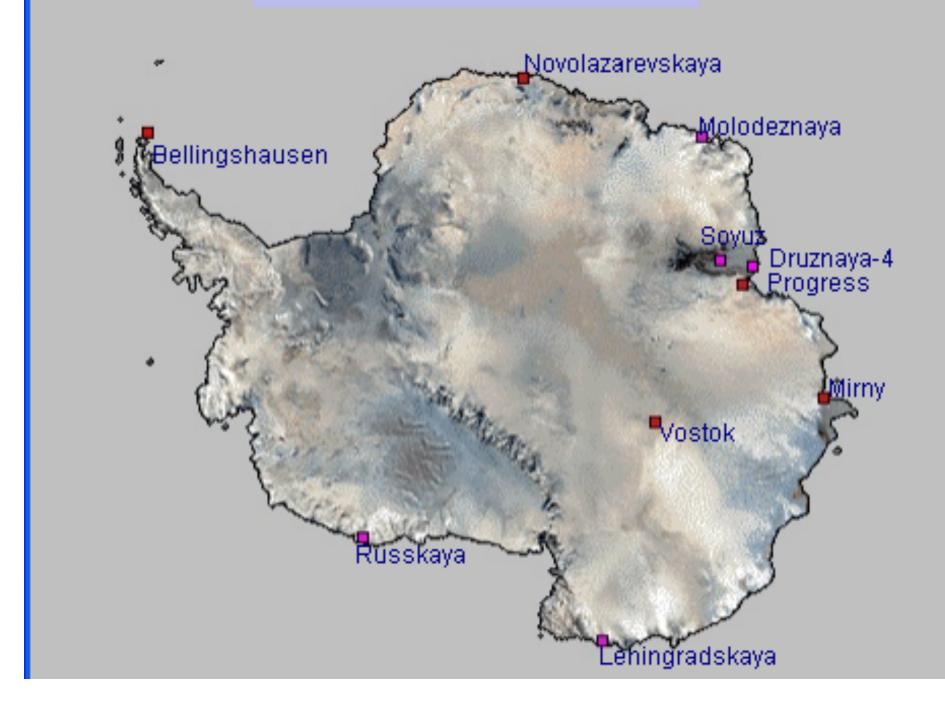
Leningradskaya 1971 to 1991

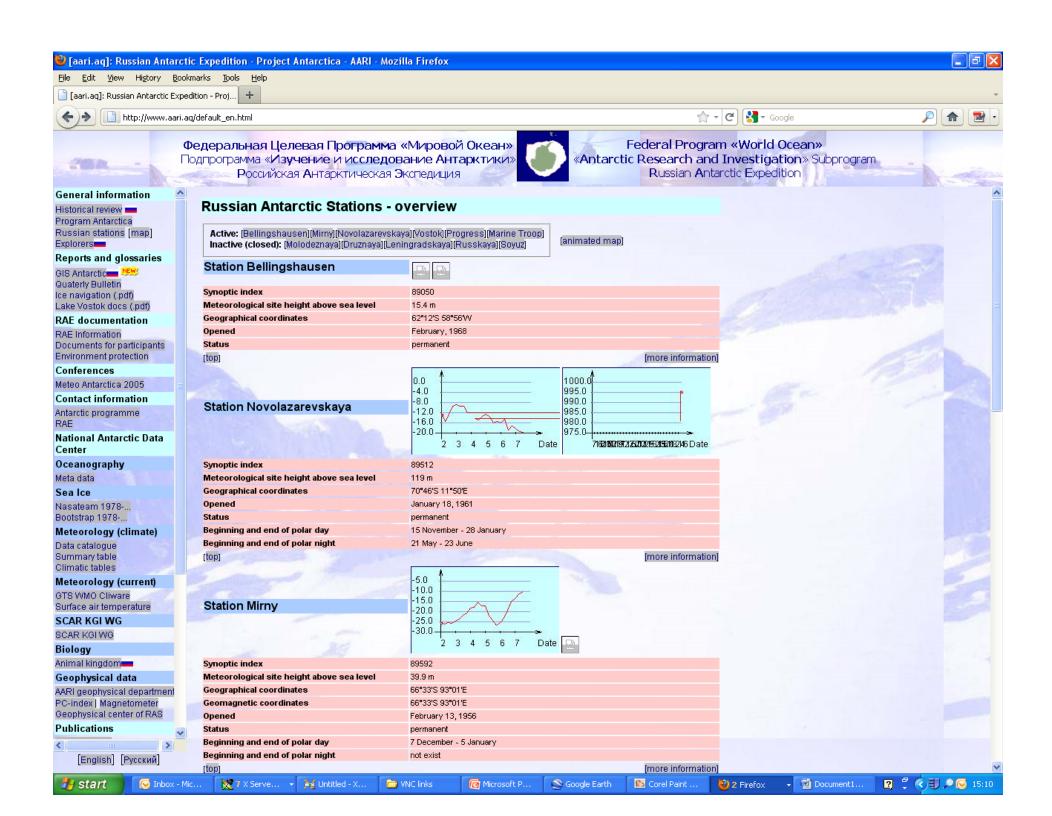
Russkaya 1980 to 1990

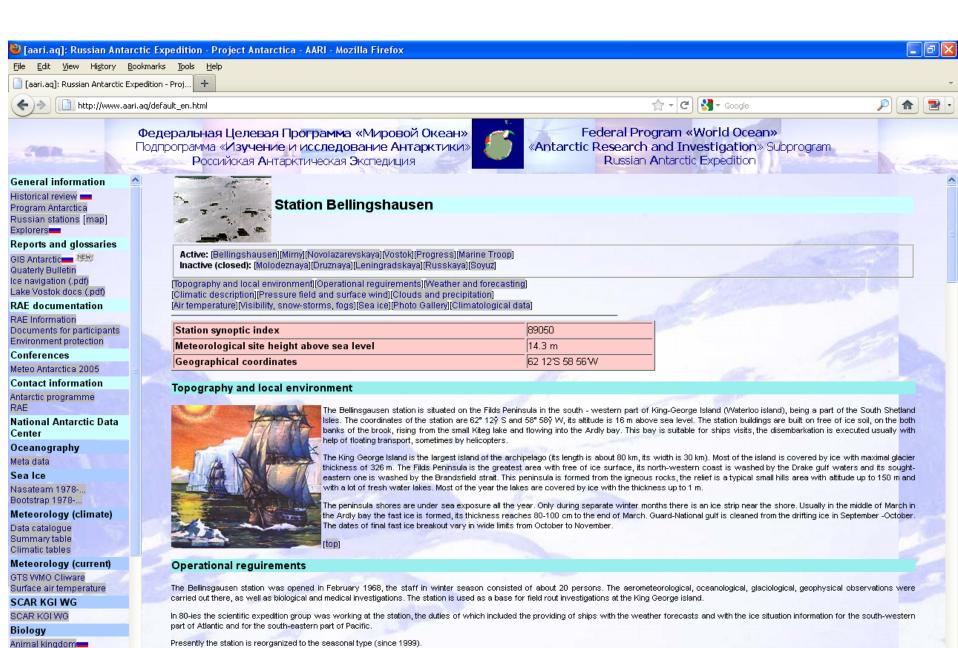
Druznaya-4 1987 to 1995

• Soyuz 1982 to 1989

Russian Stations in Antarctic







Presently the station is reorganized to the seasonal type (since 1999).

(top)

Weather features and forecasting recommendations

General climatic description and atmospheric circulation features

The climate of Faelds Peninsula is of marine type with small amplitude of seasonal air temperature variations and with intensive cyclonic activity. The weather is unsettled. The gloomy weather with low stratus and strato-cumulus prevails, precipitation is in the form of snow, rain, or drizzle often. Around 729 mm of precipitation falls over a year in average.



Publications

Geophysical data

AARI geophysical department PC-index | Magnetometer

English Русский

Geophysical center of RAS

















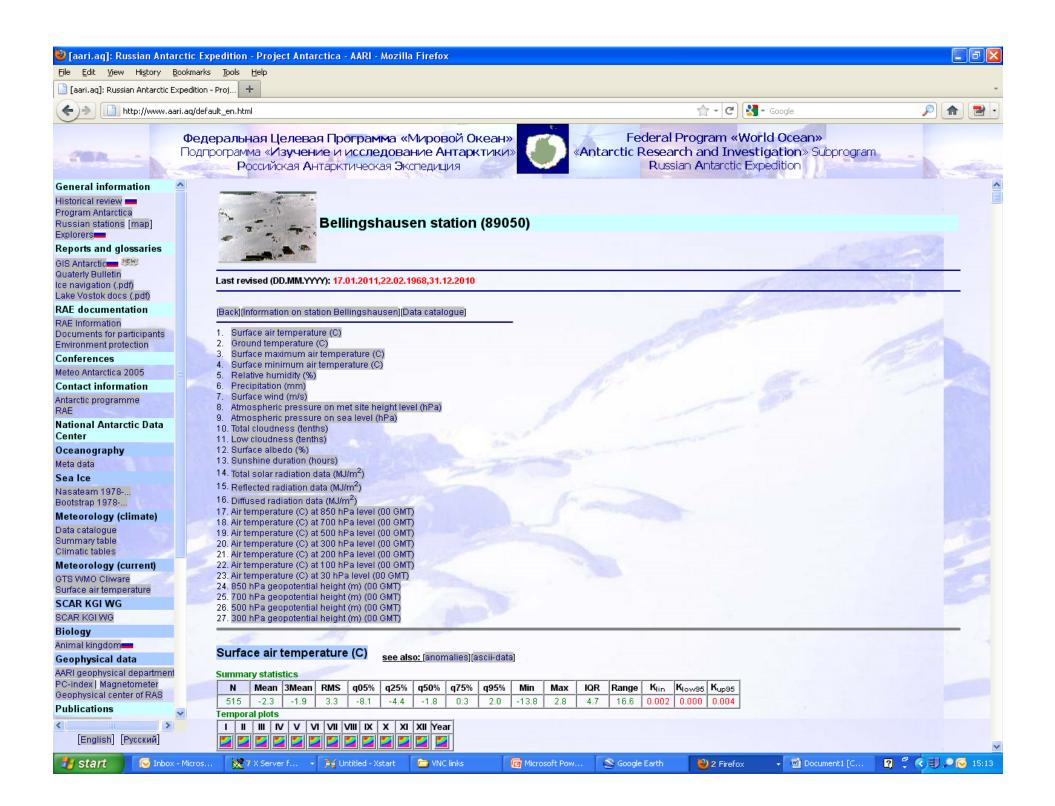












Questions

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