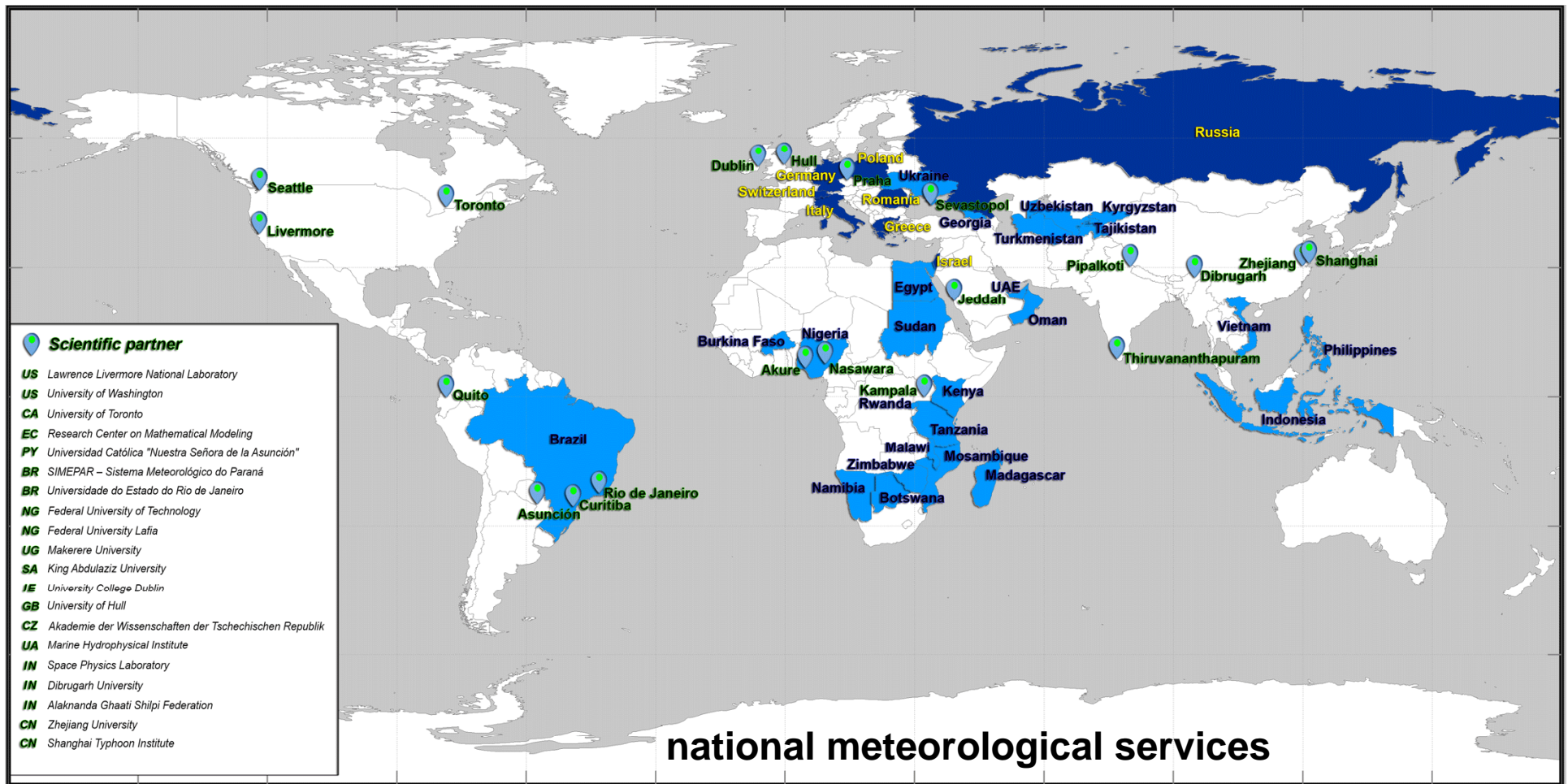




COSMO General Meeting 2018

St Petersburg

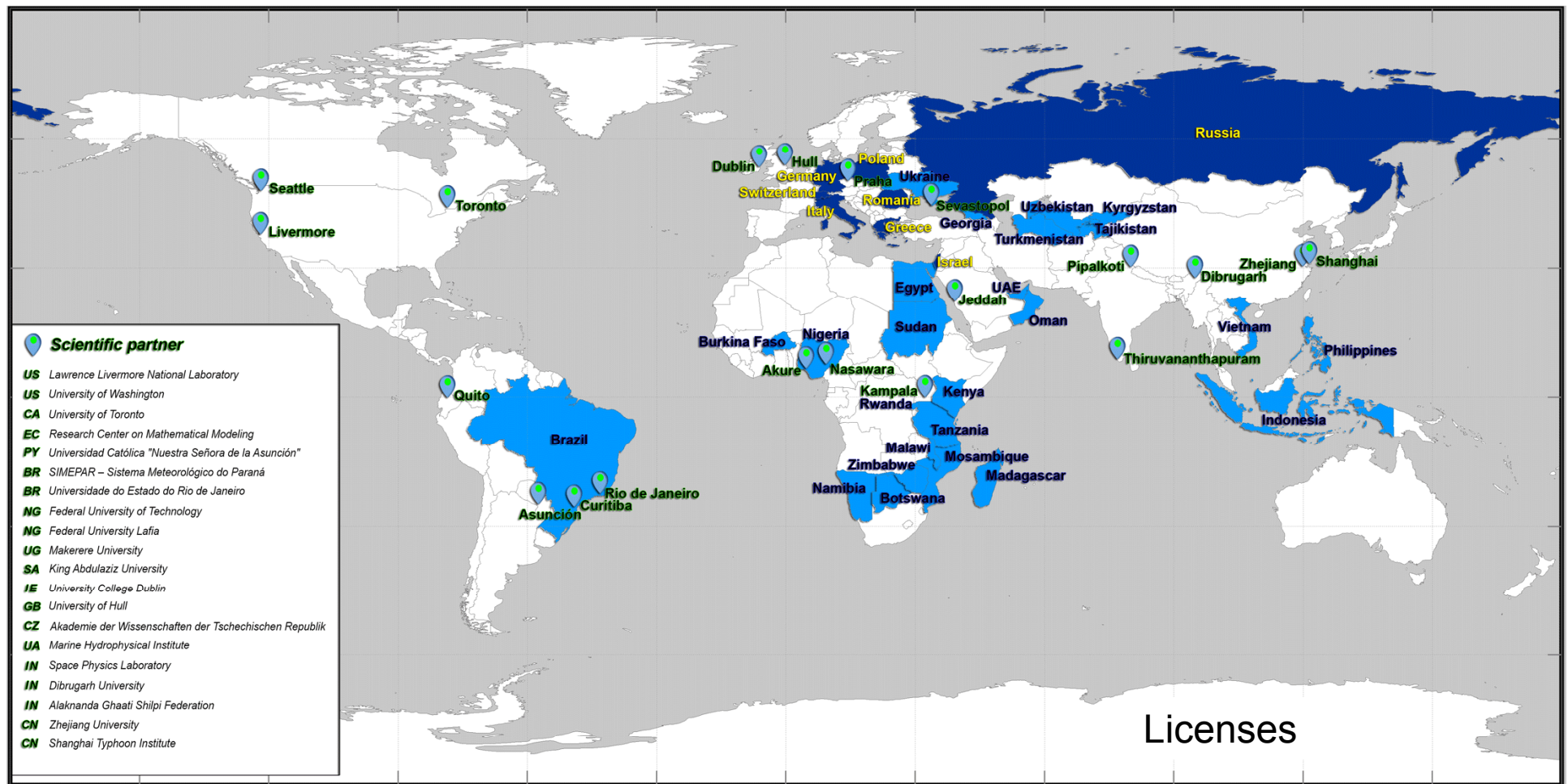
A. Wyszogrodzki



regional and military services

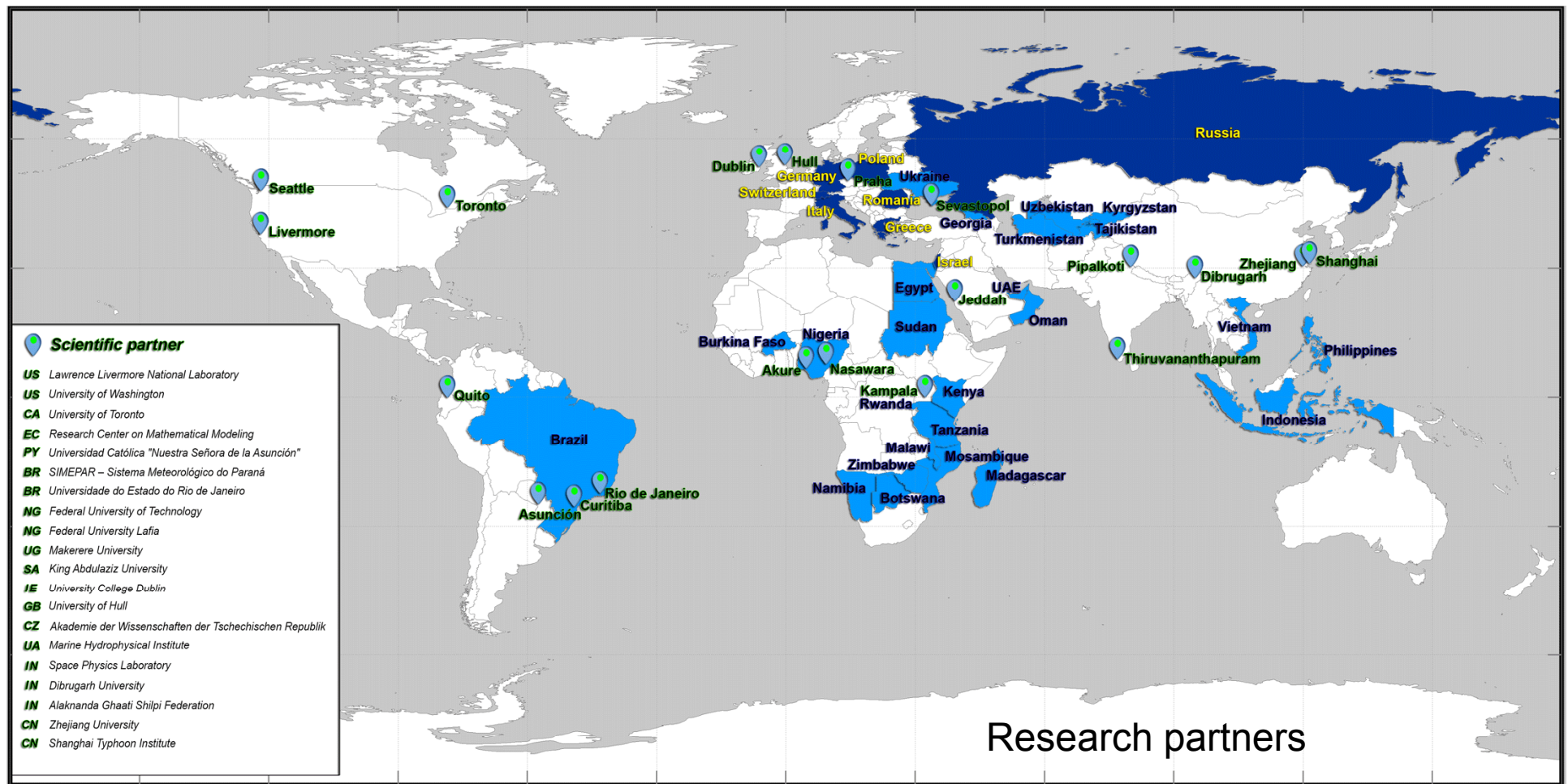
academic communities





Paid (7): United Arab Emirates (NCMS), Brazil (IMET), Oman (DGMAN), Botswana (BMS), Namibia (NMS), Brazilian Navy (DHN), Turkmenistan (Turkmen Gidromet)

Free (16): Burkina Faso, Egypt, Georgia, Indonesia, Kenya, Madagascar, Mozambique, Malawi, Nigeria, Philippines, Rwanda, Sudan, Tanzania, Ukraine, Vietnam, Zimbabwe

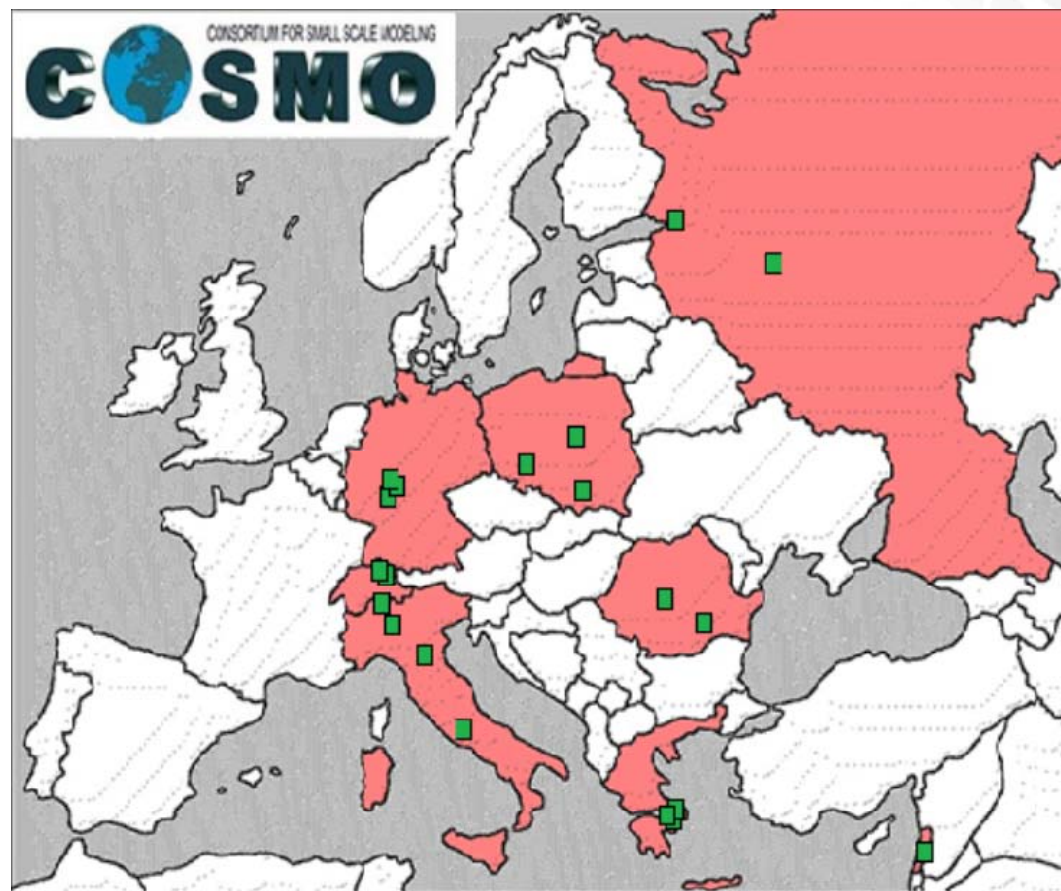


- ☐ simulations for special domains and weather situations,
- ☐ investigating and further developing physical parameterizations,
- ☐ developing extra components for the model system,
- ☐ running data assimilation

20th anniversary of COSMO general Meetings



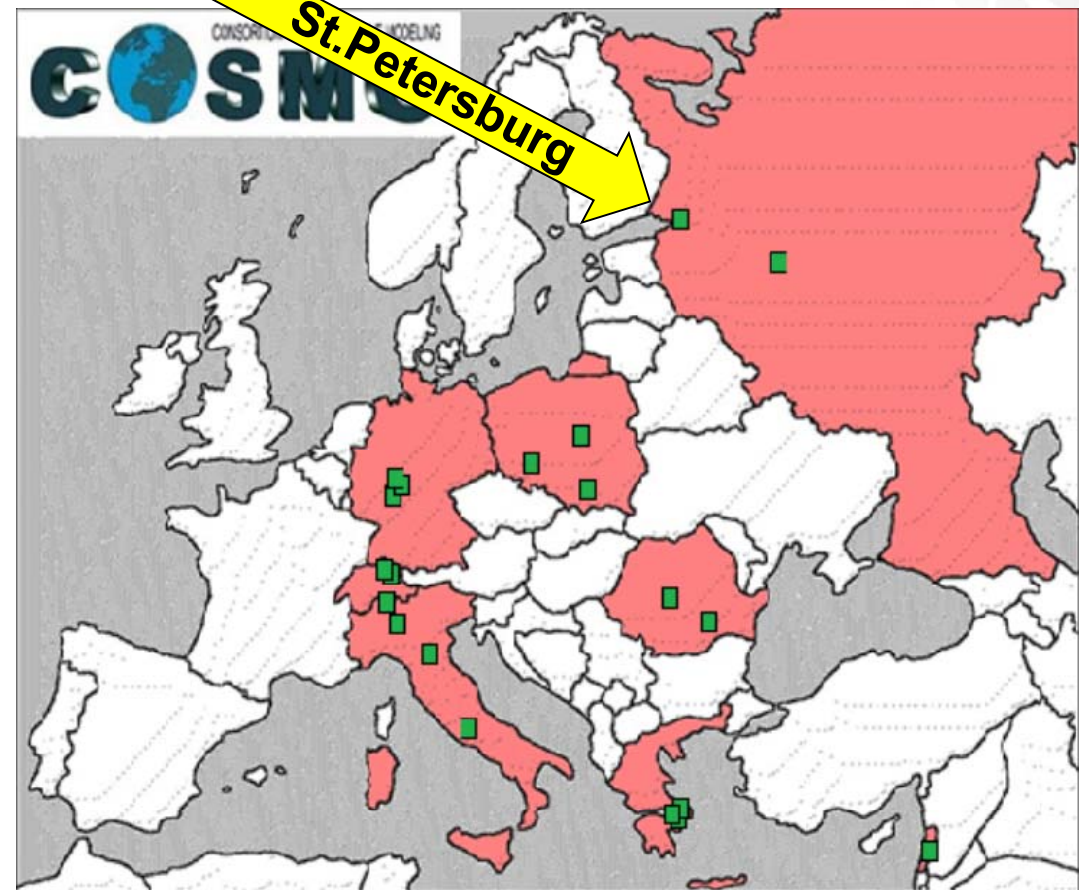
- **20th CGM, 3-5 Sept [2018](#), St. Petersburg, Russia**
- 19th CGM, 11-14 Sept [2017](#), Jerusalem, Israel
- 18th CGM, 5-8 Sept [2016](#), Offenbach, Germany
- 17th CGM, 7-10 Sept [2015](#), Wroclaw, Poland
- 16th CGM, 8-11 Sept [2014](#), Eretria, Greece
- 15th CGM, 2-5 Sept [2013](#), Sibiu, Romania
- 14th CGM, 10-14 Sept [2012](#), Lugano, Switzerland
- 13th CGM, 5-9 Sept [2011](#), Rome, Italy
- 12th CGM, 6-10 Sept [2010](#), Moscow, Russia
- 11th CGM, 7-11 Sept [2009](#), Offenbach, Germany
- 10th CGM, 15-19 Sept [2008](#), Cracow, Poland
- 9th CGM, 18-21 Sept [2007](#), Athens, Greece
- 8th CGM, 18-22 Sept [2006](#), Bucharest, Romania
- 7th CGM, 20-23 Sept, [2005](#), Zurich, Switzerland
- 6th CGM, 22-24 Sept [2004](#), Milano, Italy
- 5th CGM, 24-26 Sept [2003](#), Langen, Germany
- 4th CGM, 25-27 Sept [2002](#), Warsaw, Poland
- 3rd CGM, 3-5 Oct [2001](#), Athens, Greece
- 2nd CGM, 28-30 Sept [2000](#), Zuerich, Switzerland
- 1st CGM, 23-25 Sept [1999](#), Bologna, Italy





20th anniversary of COSMO general Meetings

- **20th CGM, 3-5 Sept [2018](#), St. Petersburg, Russia**
- 19th CGM, 11-14 Sept [2017](#), Jerusalem, Israel
- 18th CGM, 5-8 Sept [2016](#), Offenbach, Germany
- 17th CGM, 7-10 Sept [2015](#), Wroclaw, Poland
- 16th CGM, 8-11 Sept [2014](#), Eretria, Greece
- 15th CGM, 2-5 Sept [2013](#), Sibiu, Romania
- 14th CGM, 10-14 Sept [2012](#), Lugano, Switzerland
- 13th CGM, 5-9 Sept [2011](#), Rome, Italy
- 12th CGM, 6-10 Sept [2010](#), Moscow, Russia
- 11th CGM, 7-11 Sept [2009](#), Offenbach, Germany
- 10th CGM, 15-19 Sept [2008](#), Cracow, Poland
- 9th CGM, 18-21 Sept [2007](#), Athens, Greece
- 8th CGM, 18-22 Sept [2006](#), Bucharest, Romania
- 7th CGM, 20-23 Sept, [2005](#), Zurich, Switzerland
- 6th CGM, 22-24 Sept [2004](#), Milano, Italy
- 5th CGM, 24-26 Sept [2003](#), Langen, Germany
- 4th CGM, 25-27 Sept [2002](#), Warsaw, Poland
- 3rd CGM, 3-5 Oct [2001](#), Athens, Greece
- 2nd CGM, 28-30 Sept [2000](#), Zuerich, Switzerland
- 1st CGM, 23-25 Sept [1999](#), Bologna, Italy



St.Petersburg

“Cultural capital of Russia”

History and features

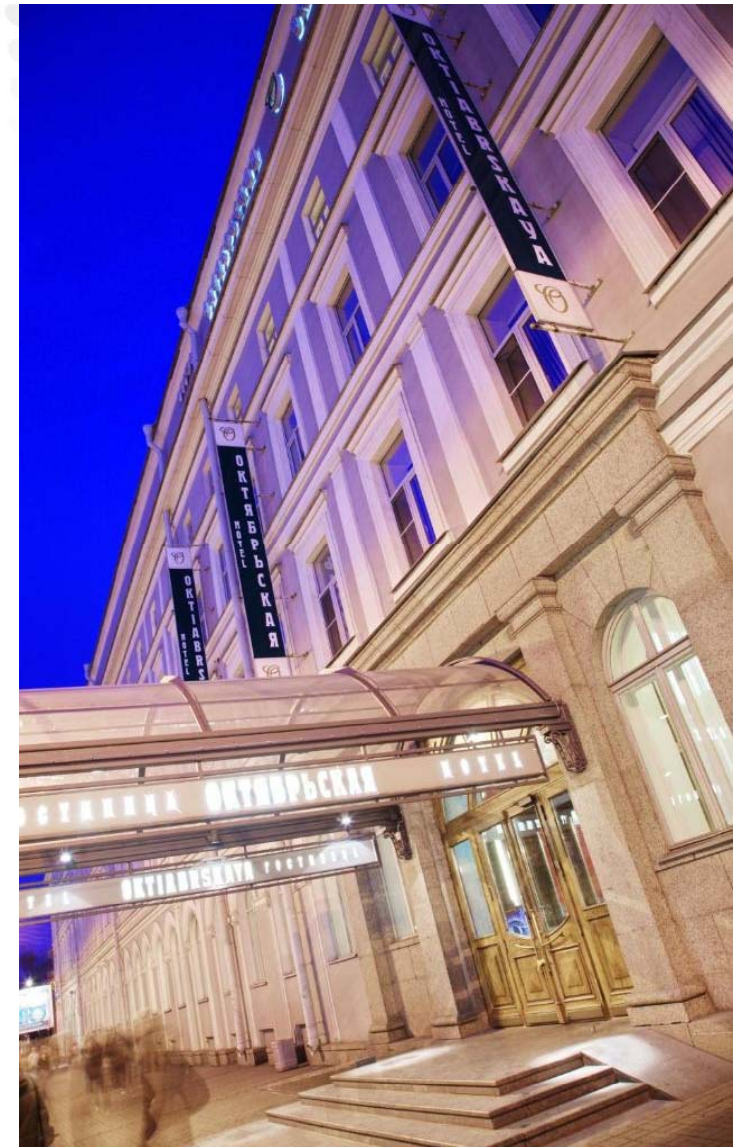
- Established on May 27, 1703 by Peter I (the Great) as a “Window to Europe”
- “Northern Venice” – about 100 islands and 200 bridges
- 1712 – 1918 – the Capital of Russia
- 1917 - October Revolution
- 1924 – 1991 – Leningrad
- About 5 million people
- More than 50 universities



The 20th COSMO GM

3-7/9/2018 St Petersburg

Oktiabrskaya Hotel



The 20th COSMO GM

3-7/9/2018 St Petersburg

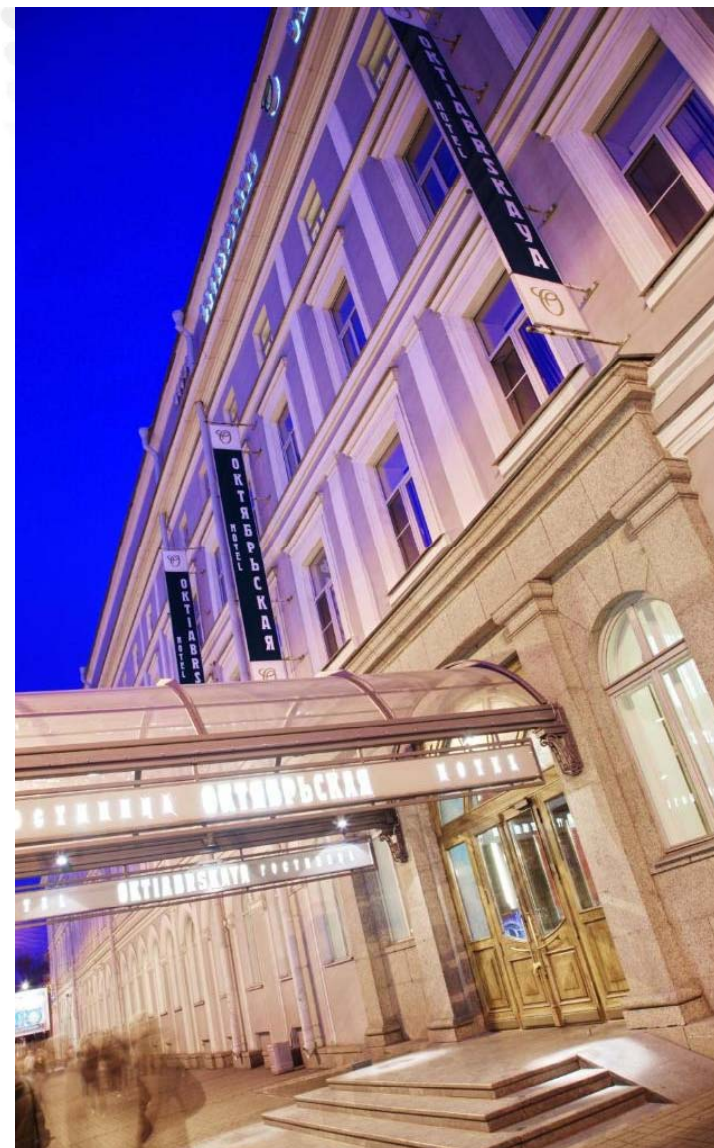
Oktiabrskaya Hotel

Year of Foundation – 1851
until 1887 - "Znamenskaya";
until 1930 - "Great Northern"

In 2011 hotel "Oktiabrskaya"
celebrated its 160th anniversary

hotel offers two buildings
"Oktiabrskiy" - 373 rooms
"Ligovskiy" - 111 rooms.

There are no identical rooms in the hotel.
All rooms are unique and differ from each
other by nuances of layout and decoration.



Russian Climate

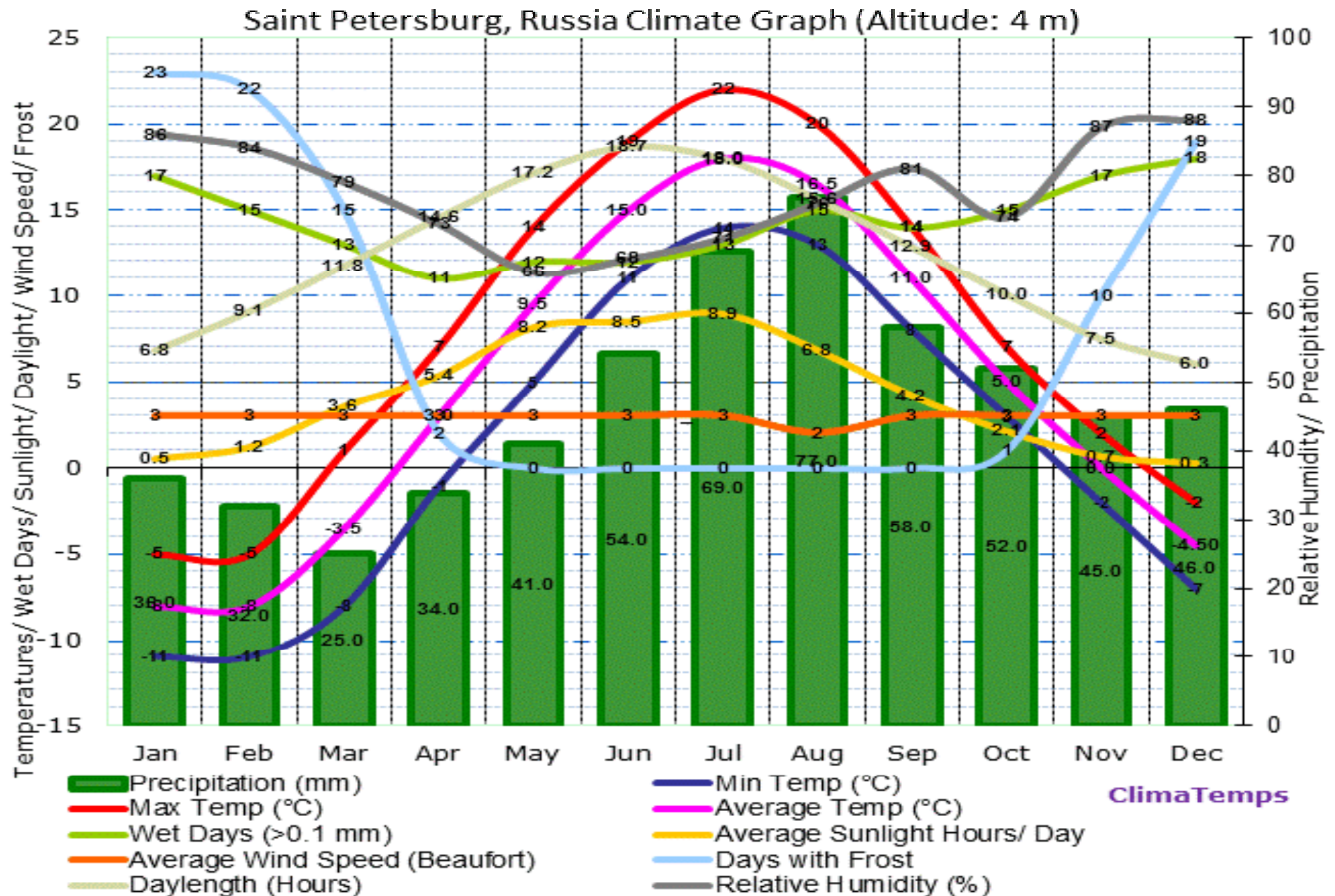


- ☐ humid continental
- ☐ severe winters,
- ☐ warm summers

- ☐ strong seasonality
- ☐ no dry season,



St. Petersburg

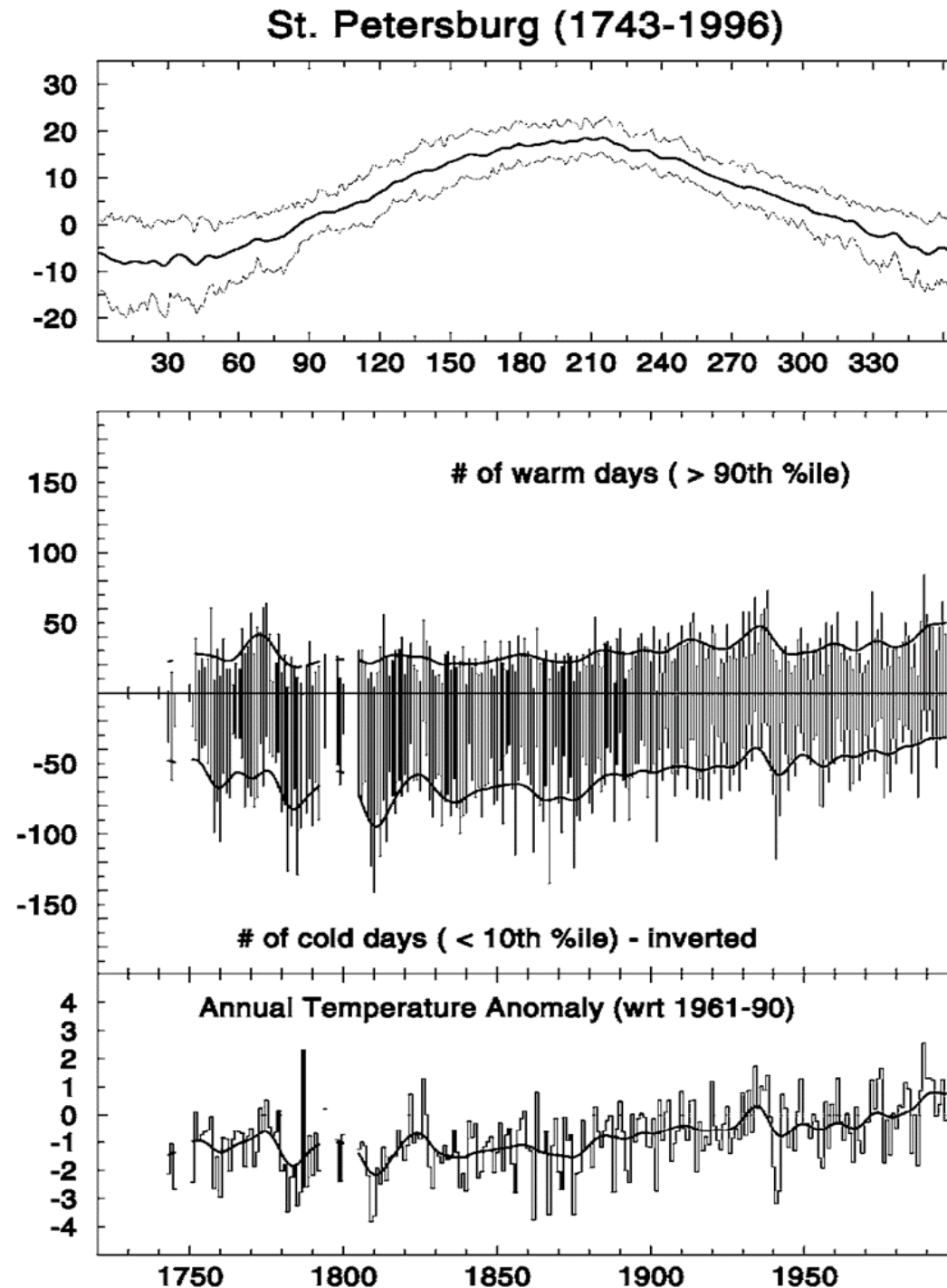


St. Petersburg

Annual cycle (thick line) and thin lines the values of the 90th and 10th percentiles

annual counts of **warm** and **cold** (inverted) days greater than the 90th percentile and less than the 10th percentile

annual temperature anomalies (with respect to 1961–1990) smoothed with a 20 year Gaussian filter

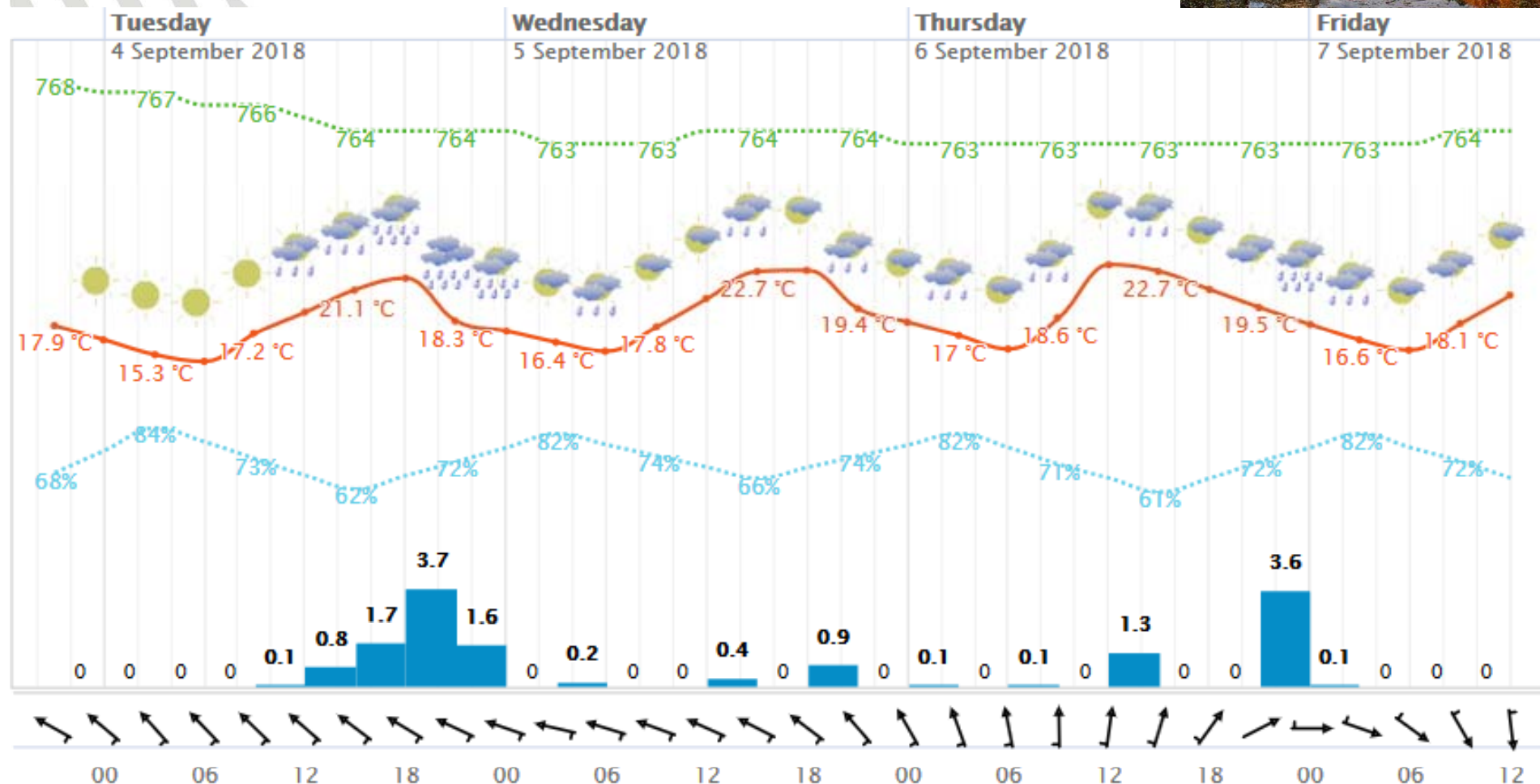


The Daily Temperature Record for St. Petersburg (1743–1996) Jones and Lister 2002.

Extreme day counts for the St. Petersburg daily series.

St. Petersburg

COSMO forecast



HYDROMETCENTER OF RUSSIA
About the weather - at first hand



Have a fruitful General Meeting 2018

