

**What was the challenge?**

People are constantly arguing about climate change, and at the domestic level they are finding out whether winters have become snowier, when was the coldest summer and how many temperature records were broken during the winter. The most reliable answer is given by the weather data, but it is necessary to show it correctly and clearly.

**What was the solution?**

The air temperature and snow depth during all history (ever recorded) in Minsk, Belarus was investigated in this infographics. With two columns of data (date, temperature / snow level) it was possible to answer these and many other questions regarding the weather and climate change.

**What was the effect?**

In addition to individual articles, fragments of it were used in many materials during the last years. For instance, after each season or the end of the year their totals are summed up. When the temperature in the city hits the record, the corresponding module is placed in the material. When meteorologists make predictions for a particular day, the module with all values of the temperature for today and the extremes are being shown. Snow infographics is updated and recalculated automatically every day.

Temperature (as single module):

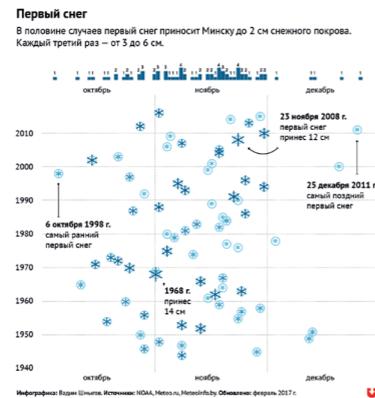
[https://public.tableau.com/profile/tut.by#!/vizhome/weather\\_25/All](https://public.tableau.com/profile/tut.by#!/vizhome/weather_25/All)

Snow:

<https://news.tut.by/society/529926.html>

**Contact:**

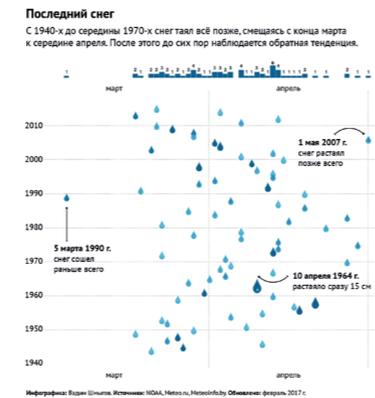
name: Vadim Shmygov  
company/organisation: TUT.BY  
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website: <http://infograf.by>



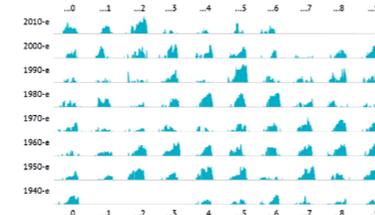
When and how much the first snow fell.



Top 10 of the snowiest winters.



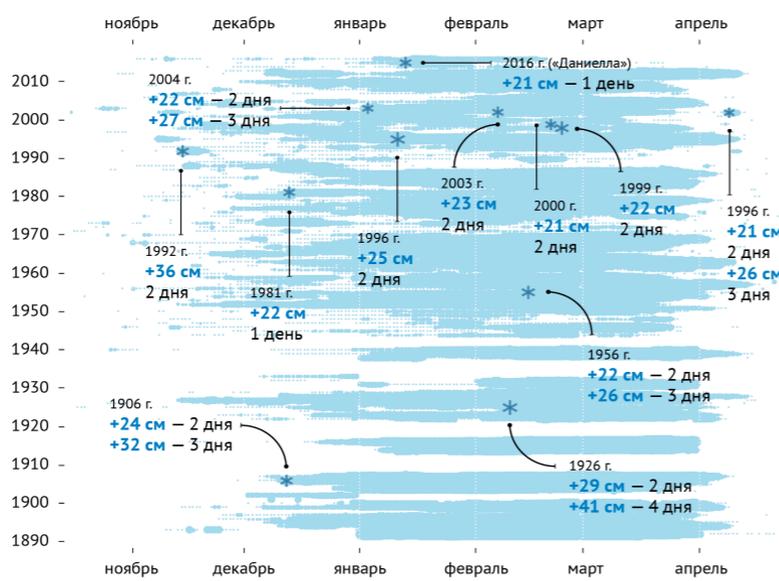
When the last snow melted.



Overview of snow over the past 80 years.

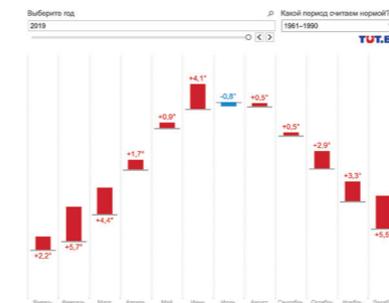
**Самые сильные снегопады**

за 125 лет, которые увеличивали уровень снега в столице более чем на 20 см за двое суток

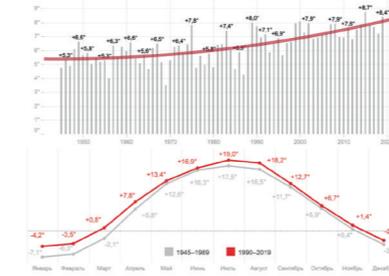


Infографика: Вадим Шмыгов. Источники: NOAA, Meteo.ru, Meteoinfo.by. Обновлено: февраль 2017 г.

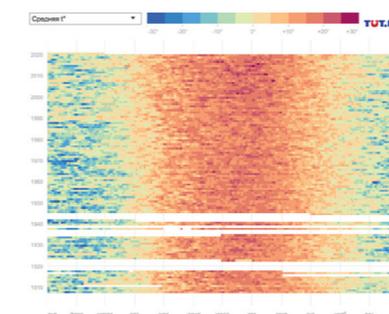
Comparing the change in snow levels, we found the heaviest snowfalls in history.



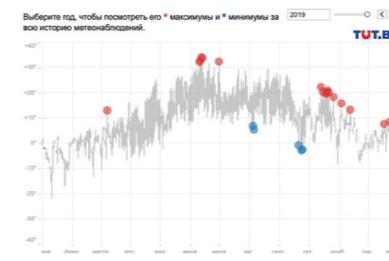
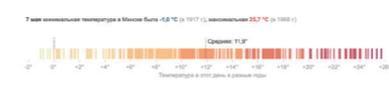
The deviation of the average monthly temperature from normal.



The increase in the average temperature. You can select a year or particular season.

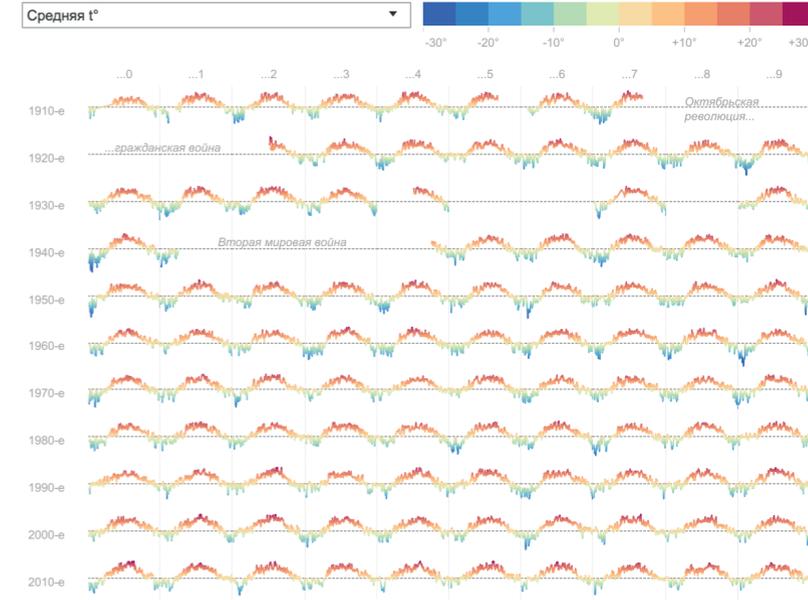


Heat map of temperature.

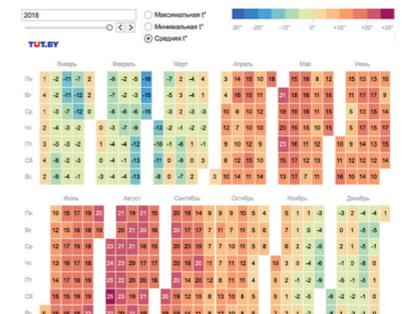


The extremums of the chosen year.

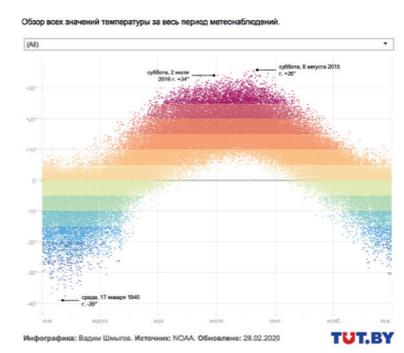
В последние десятилетия зимы стали короче и в среднем теплее. В XX веке наблюдения неоднократно прерывались ввиду исторических причин.



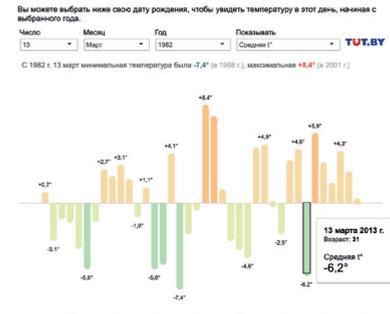
Graph for ten-year periods. Small multiple of temperature graphs for decades. You can see the breaks in the data on the graph (1917 revolution, wars).



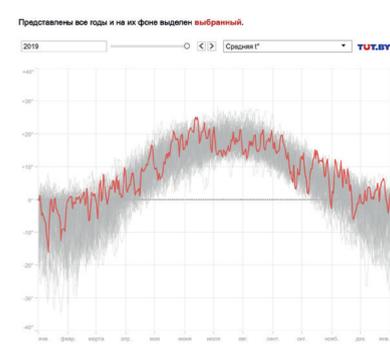
Annual temperature calendar.



An overview of the temperature spread.



Weather on birthday. Personal warming chart.



The chosen year, against all the years.