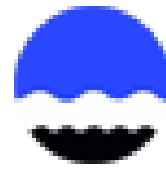


А. Я. КУПФЕР Г. И. ВИЛЬД М. А. РЫКАЧЁВ Б. Б. ГОЛИЦЫН

185 ЛЕТ гидрометеорологической
службе России



РОСГИДРОМЕТ

Polar initiatives of Roshydromet

Anna Bystramovich

Deputy head, Department for environmental pollution monitoring,
polar and marine activities



Arctic Regional Climate Centre-Network Coordination Meeting
St Petersburg, Russian Federation
February 25-27, 2019



- ❑ Regular geophysical observations in Russia were started in St.Petersburg 26 April 1834 with the foundation of Normal Magnetic-Meteorological Observatory of Gornij Institute
- ❑ Further comprehensive development of meteorological service is linked to foundation in 1849 of the Main Physical Observatory, now the Main Geophysical Observatory
- ❑ History of the Arctic Institute started in 1920 when the Northern scientific-commercial expedition was founded for coordination and provision of research and commercial activities in the Arctic





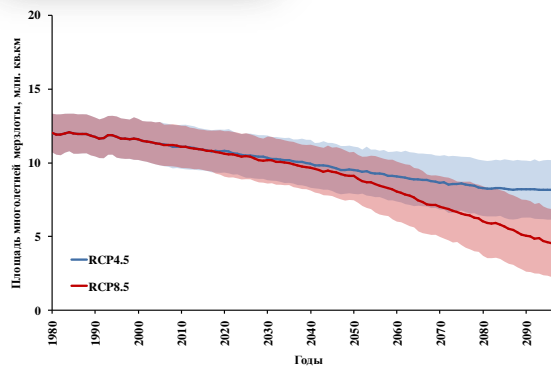
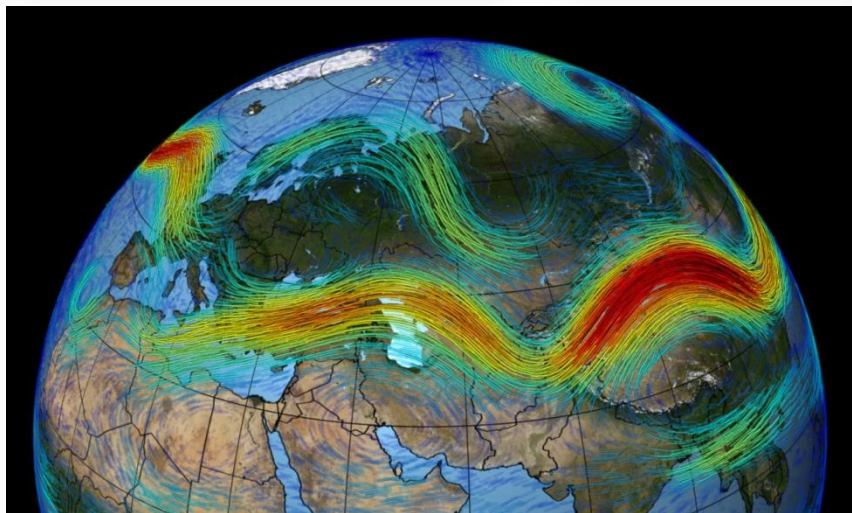
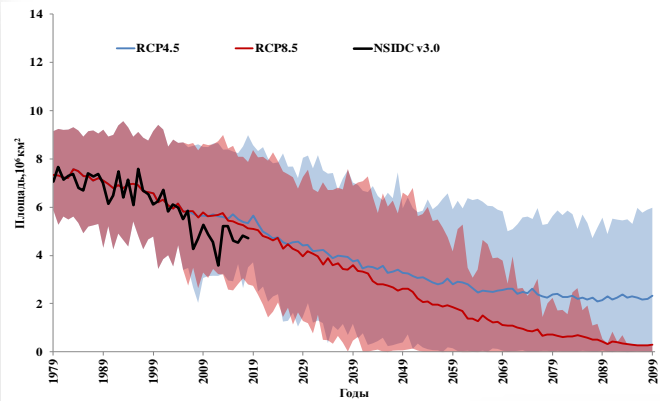
ФЕДЕРАЛЬНАЯ СЛУЖБА ПО ГИДРОМЕТЕОРОЛОГИИ
И МОНИТОРИНГУ ОКРУЖАЮЩЕЙ СРЕДЫ (РОСГИДРОМЕТ)
КЛИМАТИЧЕСКИЙ ЦЕНТР РОСГИДРОМЕТА

ДОКЛАД О КЛИМАТИЧЕСКИХ РИСКАХ НА ТЕРРИТОРИИ РОССИЙСКОЙ ФЕДЕРАЦИИ



ФЕДЕРАЛЬНАЯ СЛУЖБА ПО ГИДРОМЕТЕОРОЛОГИИ
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КЛИМАТИЧЕСКИЙ ЦЕНТР РОСГИДРОМЕТА

ИЗМЕНЕНИЯ КЛИМАТА АРКТИКИ: МЕСТО КЛИМАТИЧЕСКОЙ НАУКИ В ПЛАНИРОВАНИИ АДАПТАЦИИ



Climate policy of the Russian Federation in the Arctic and Roshydromet's current priorities

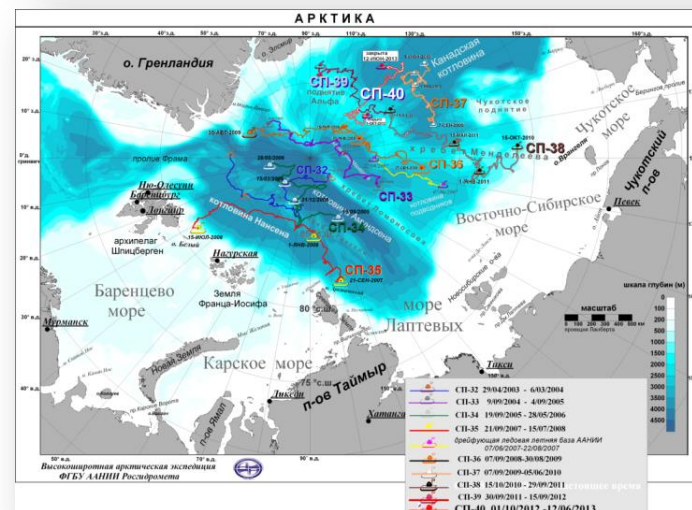
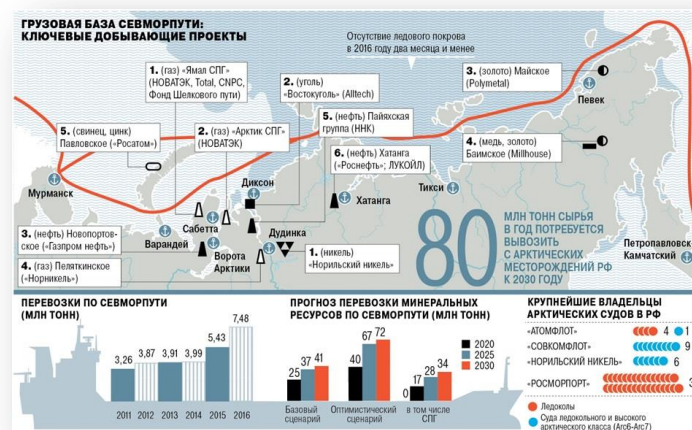
In general the Roshydromet climate and polar initiatives for the next decade are summarized in an “Integrated Weather and Climate Research Plan: Arktika Cross Highway”

Input of Roshydromet to the climate policy of the Russian Federation in the Arctic comprises:

- ✓ the State Observation Network
- ✓ R&D (including analysis tools and predictive models)
- ✓ forecast (including impact assessment) of climate change
- ✓ services (including information and analytical support for decision-making regarding adaptation to the current and expected climate change mitigation)

Roshydromet's current priorities in the Arctic include:

- ✓ development of the observational network including its coastal and marine part
- ✓ resumption of maritime expeditionary activities;
- ✓ increasing computing resources;
- ✓ development of hydrometeorological and climate services.



Roshydromet network

The screenshot shows the ASUNP website interface. At the top, there is a navigation bar with the following items: HOME, ДАННЫЕ, CODES, ПОКАЗАТЕЛИ, НОВОСТИ, ПОМОЩЬ. Below this, a section titled "Наблюдательная сеть Росгидромета - карта" displays a map of Europe and Russia with numerous colored markers representing observation points. The map includes a search bar, zoom controls, and a scale bar (2000 km / 1000 miles). Below the map, it states: "Объектов - всего: 6805; на карте: 6699;".

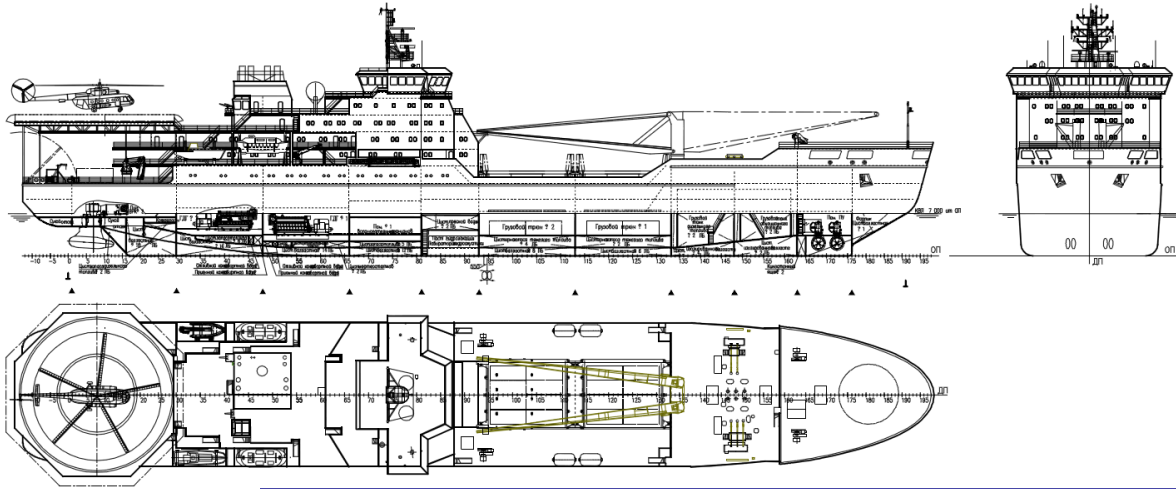
НОВОСТИ

- В базу данных включен атрибут "Код ОКТМО"**
2019-01-13 17:15
В базу данных включен новый атрибут для отражения кода из общероссийского классификатора территорий ...
- Обновление форм ввода для администраторов и операторов АСУНП**
2018-07-02 11:31
В форму ввода/редактирования для администраторов и операторов АСУНП на первой закладке добавлено по...
- Изменение правила контроля ошибок**
2018-06-22 13:47
Изменён алгоритм контроля для Правила№ 7 - У НП или ПН есть описание гидрологических наблюдений, но ...

Показатели мониторинга АСУНП

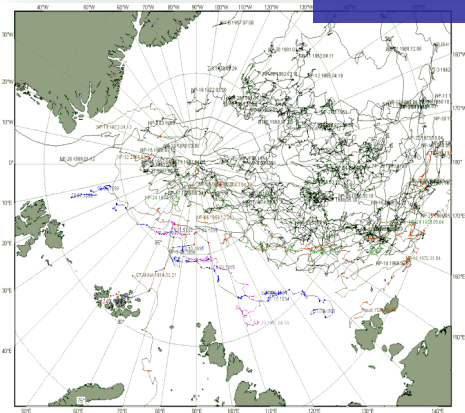
2600 / 13854
Количество действующих НП/ПН
3 / 7
Количество открытых в текущем году НП/ПН

Resumption of maritime expeditionary activities

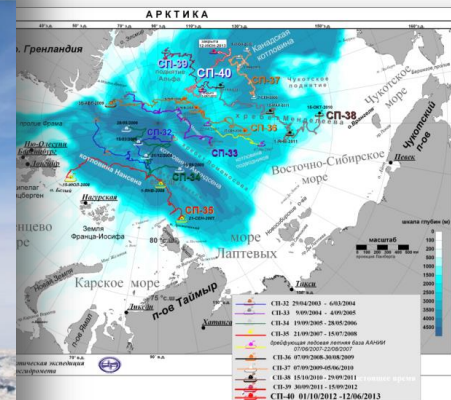


New expeditionary ice class vessel

Autonomous ice platform - future for North Pole drifting stations

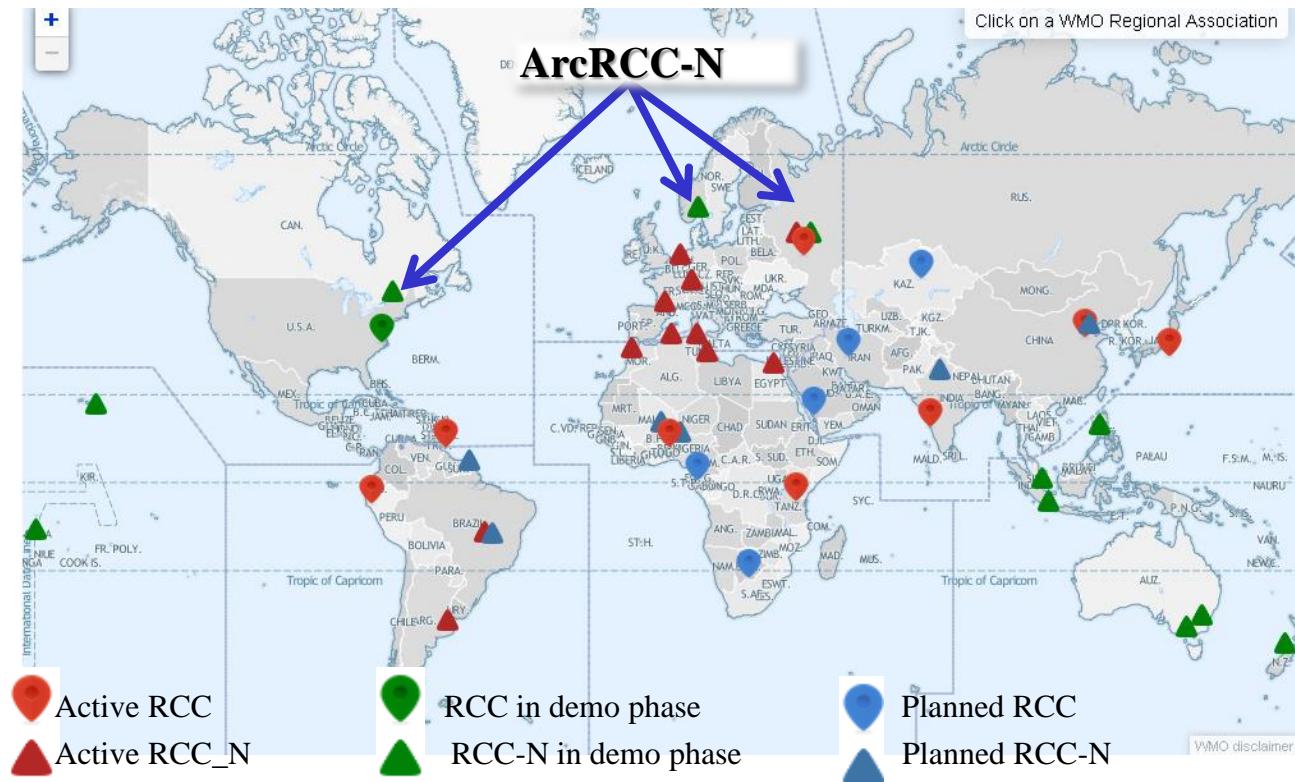


1952 – 1991



2002-2013

Support for the Arctic Regional Climate Center – network and planned 3rd Pole and Antarctic RCCs



The new Roshydromet supercomputer (Hydrometcenter Moscow) for operational weather forecasting, research and assessment of climate change

