

Organization of oceanological observations in the Arctic Ocean

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AARI



Oceanology information

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graph TD; A[Oceanology information] --> B[Network of hydrometeorological stations]; A --> C[Expeditions]; A --> D[Drift and buoy-based stations]; A --> E[Satellite]; B --> B1[Water temperature]; B --> B2[Salinity (density)]; B --> B3[Sea level]; B --> B4[Sea waves]; C --> C1[Water temperature]; C --> C2[Salinity]; C --> C3[Hydrochemical parameters]; C --> C4[Currents]; D --> D1[Water temperature]; D --> D2[Salinity]; D --> D3[Sea level]; D --> D4[Currents]; D --> D5[Sea waves]; E --> E1[Sea surface temperature]; E --> E2[Sea level]; E --> E3[Sea waves];
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Network of
hydrometeorological
stations

Water temperature
Salinity (density)
Sea level
Sea waves

Expeditions

Water temperature
Salinity
Hydrochemical
parameters
Currents

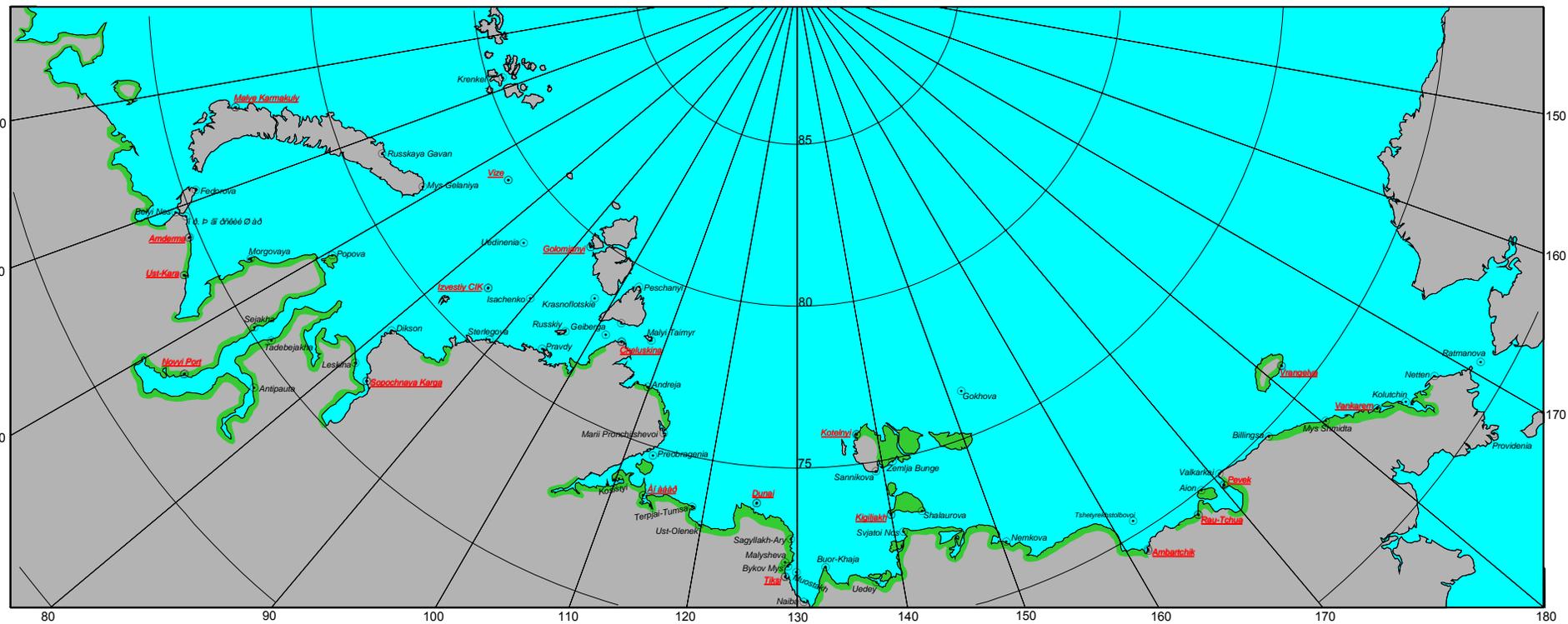
Drift and
buoy-based
stations

Water temperature
Salinity
Sea level
Currents
Sea waves

Satellite

Sea surface
temperature
Sea level
Sea waves

The polar stations, that watched sea level oscillations in Arctic seas in the mid 1980s and now.



Operative oceanological information on web-site AARI

http://ocean2x.aari.nw.ru/index.php?id=507&a=23022&b=35&c=0&y=2007 - Microsoft Internet Explorer

Назад Поиск Избранное

Адрес: http://ocean2x.aari.nw.ru/index.php?id=507&a=23022&b=35&c=0&y=2007

WINAMP Search Skins Plug-Ins Media New IM SHOUTcast

Google Go Bookmarks 69 blocked Check AutoLink AutoFill Send to Settings

Данные

- Главная
- Лаборатория волновых процессов
- Лаборатория гидрологического режима СПО
- Лаборатория гидрохимии моря
- Лаборатория численного моделирования динамических процессов в океане
 - О лаборатории
 - Историческая справка
 - Юбилеи
 - Проекты
 - Сотрудники
 - Публикации
 - Данные
 - Экспедиции
 - Наша жизнь
 - referers
- АРМ "Океанолог"
- Ссылки
- Контакты

1. Фактический и расчетный среднесеasonный дрейф льда в Северном Ледовитом океане.

Фактический и расчетный дрейф буев | январь | 2008 | показать

2. Анализ и прогноз метеозлементов по северному полушарию.

Атмосферное давление на уровне моря | 05 | 07 | 2008 | 00:00 | +00ч | показать

3. Станции морей Северного Ледовитого океана.

[Таблица] [Карта] [Уровень по станциям]

4. Аномалии среднесеasonных и среднегодовых уровней по станциям арктических морей.

Станция: Айон О. | показать

5. Оперативная гидрометеорологическая информация по станциям.

по наименованию А-Я | Амдерма [23022] | 2007 | температура воды в срок, °C

Month	Temperature (°C)
01.01	0
02.01	0
03.01	0
04.01	0
05.01	0
06.01	0
07.01	5
08.01	10
09.01	15
10.01	10
11.01	5
12.01	0

6. Течения.

[Метаданные]

7. Гидрология.

[Данные буев ИР]

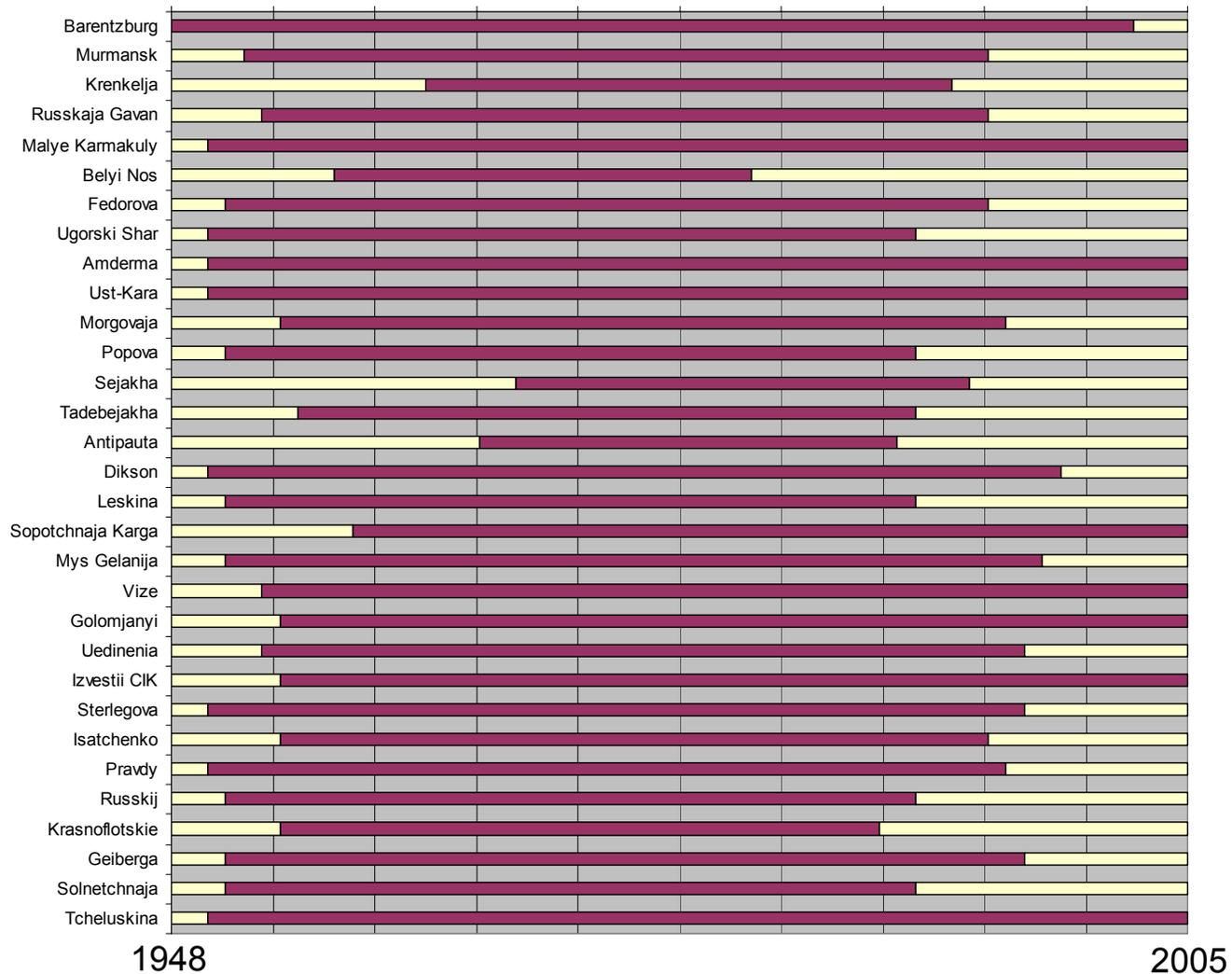
Готово Интернет

Пуск Входящие - Microsoft... Total Commander 6.0... Surfer - [102.SRF] SAON-SPb0708_Sa... Organization of ocean... AARI's researches in t... ABBYY Lingvo 11 http://ocean2x.aari... Adobe Photoshop EN 18:09

The electronic archive

«Anomalies of monthly and annual sea level on the station of the Arctic Seas»

(Barents and Kara Seas)



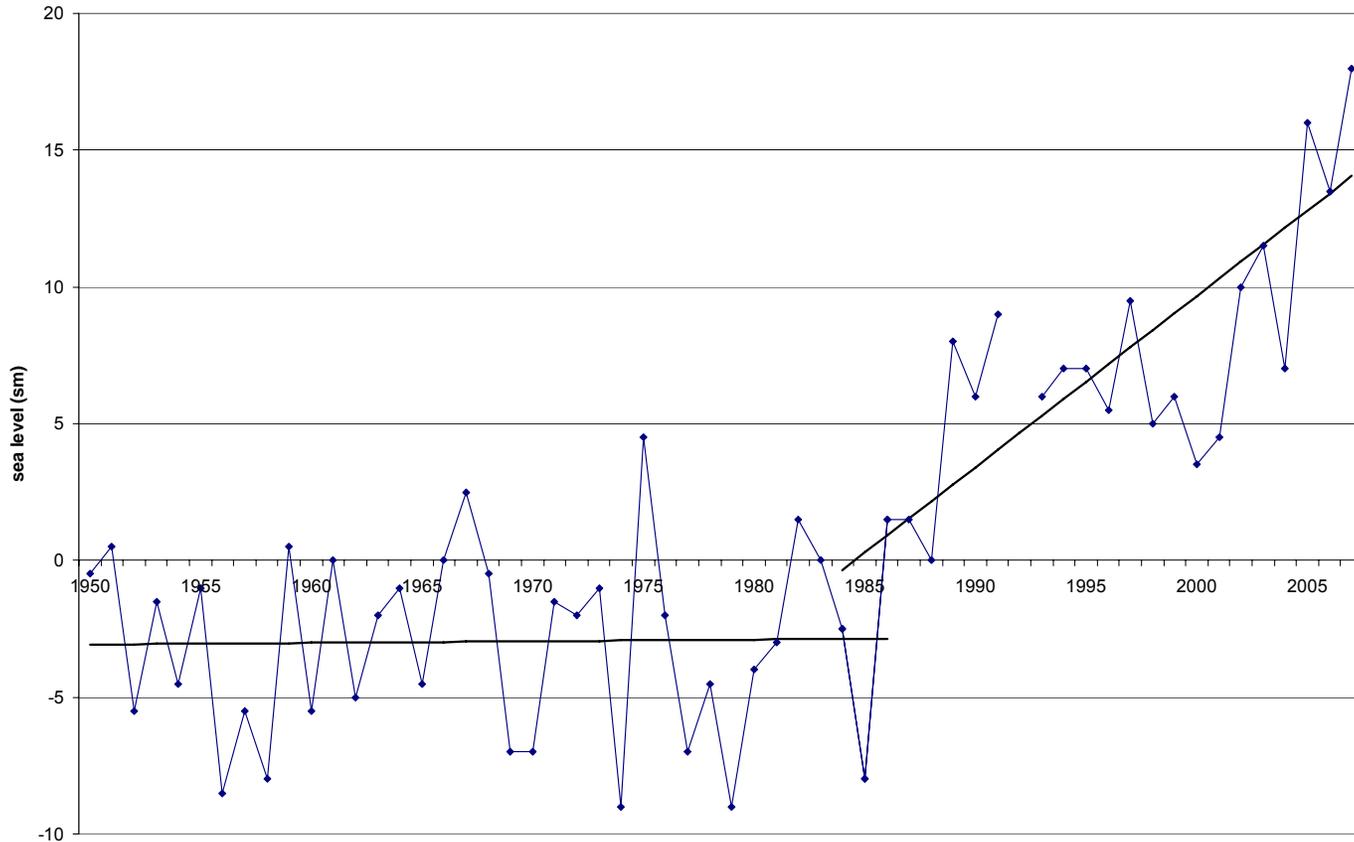
The electronic archive

«Anomalies of monthly and annual sea level on the station of the Arctic Seas»

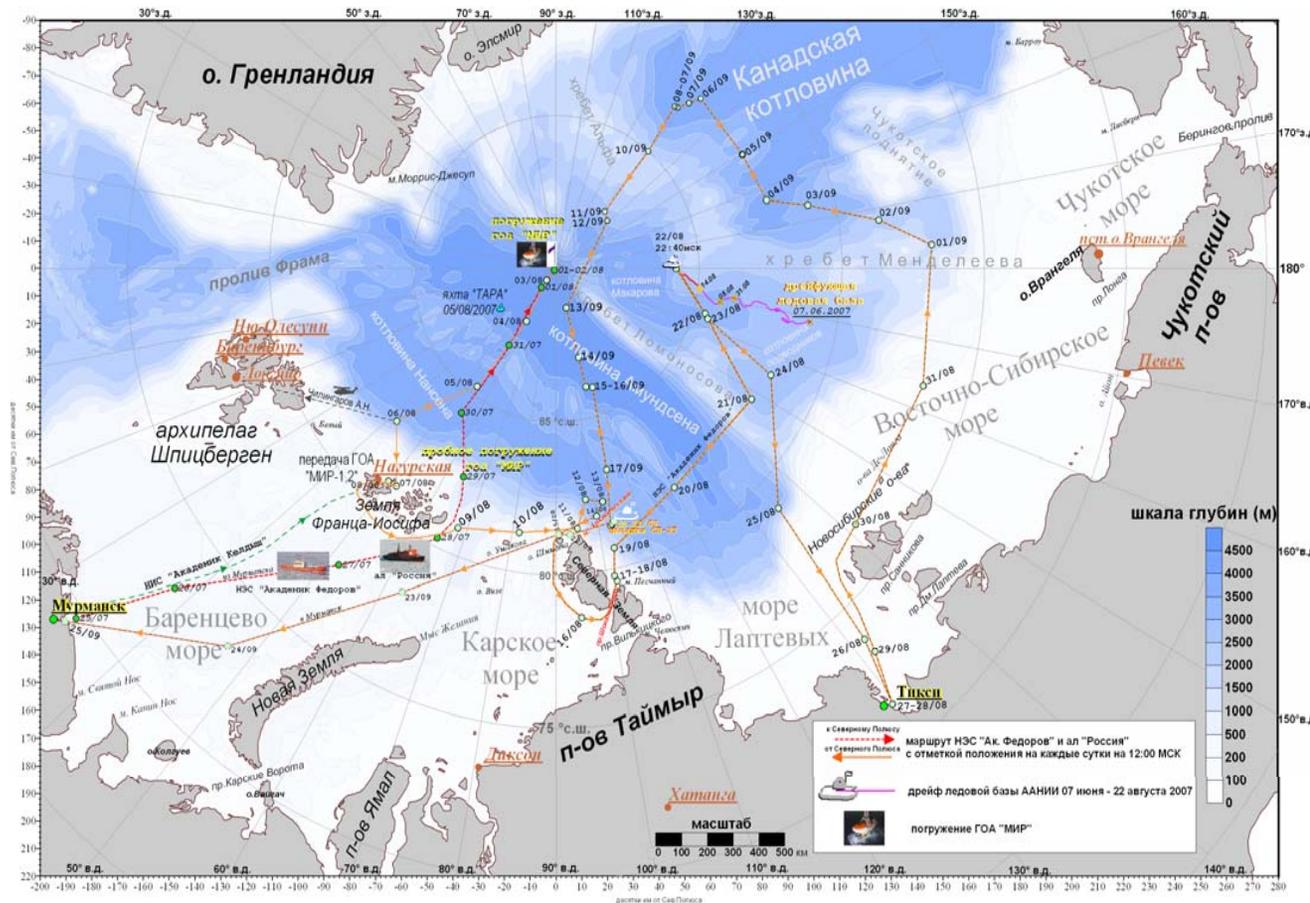
(Laptev, East-Siberian, Chukchi Seas)



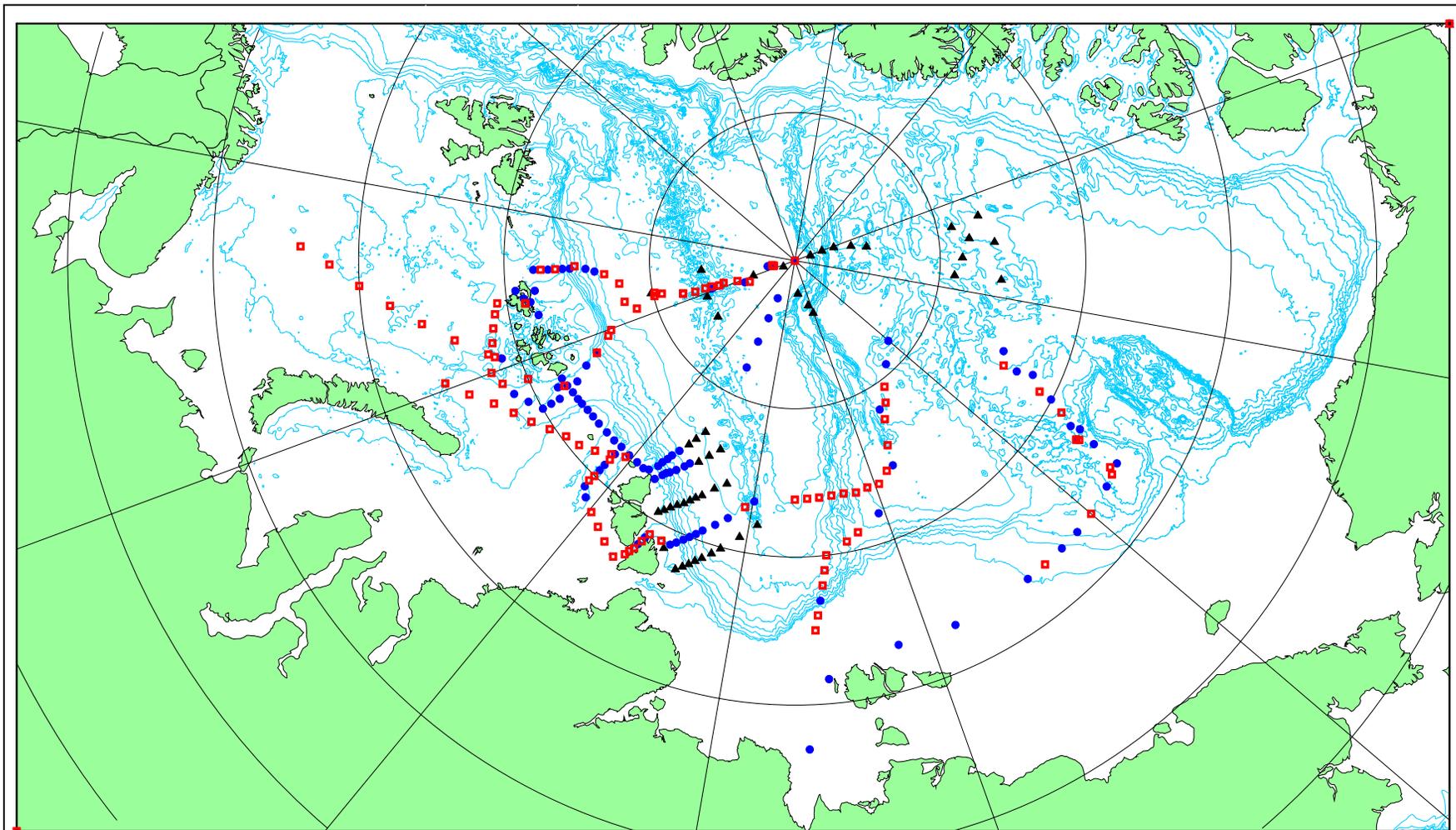
Changes of the annual sea level in south-western part of the Kara Sea



Expedition «Arctic - 2007» (R/V «Akademik Fedorov»)



Oceanographic research during the expedition «Arctic-2007» 26th cruise of R/V «Akademik Fedorov»



● - судовые CTD-станции; ▲ - вертолетные CTD-станции; ■ - судовые ХВТ-станции;

Oceanologists at a work



Oceanographic studies

Deep water hydrological stations - 243

including:

96 shipborne CTD stations;

100 XBT – stations;

47 helicopter CTD stations from ice

Hydrochemistry:

Total quantity of samplings for:

phosphate – 1346

silicate – 1346

oxygen – 1256

pH – 356

alkalinity – 347

summary phosphorus – 262

summary nitrogen – 262

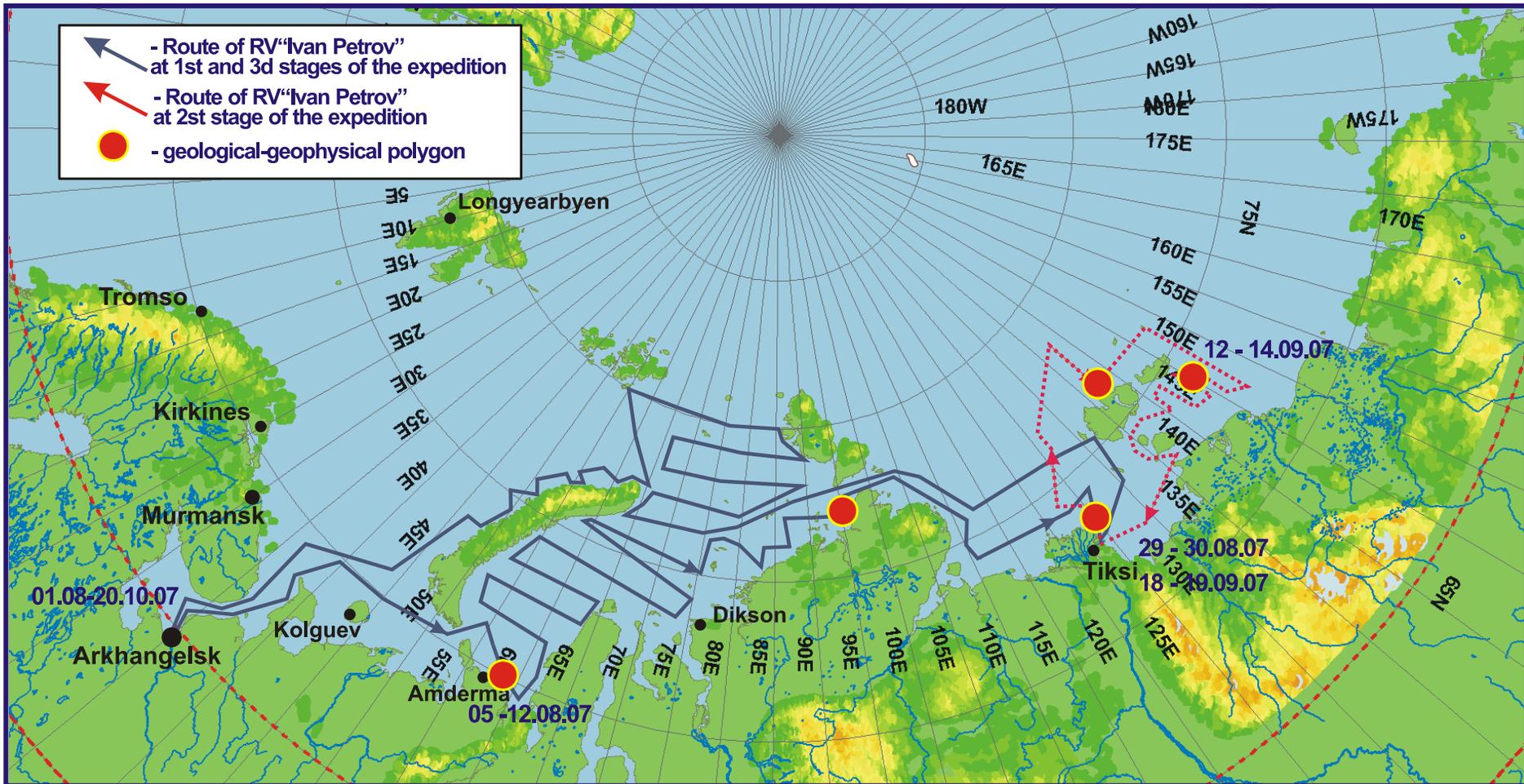
nitrate – 262

nitrite – 262

ammonium nitrogen – 262

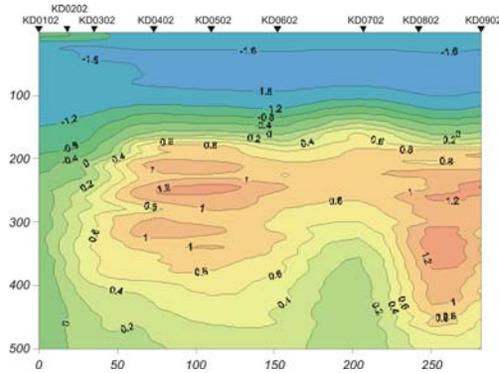
derived organic nitrogen and phosphorus – 262

Expedition «BARKALAV - 2007» (R/V «Ivan Petrov»)

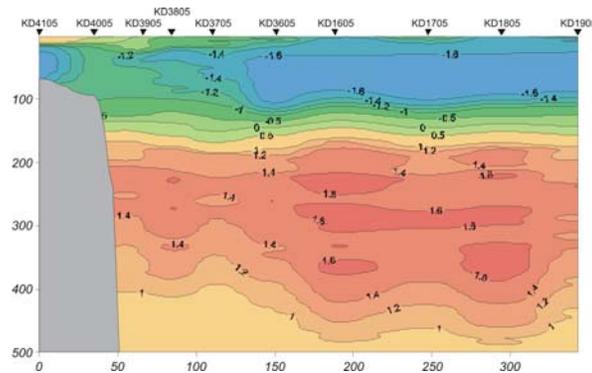


Changes in thermal state of Atlantic Water layer in the Laptev Sea since 2002 (section across the continental slope at 126E)

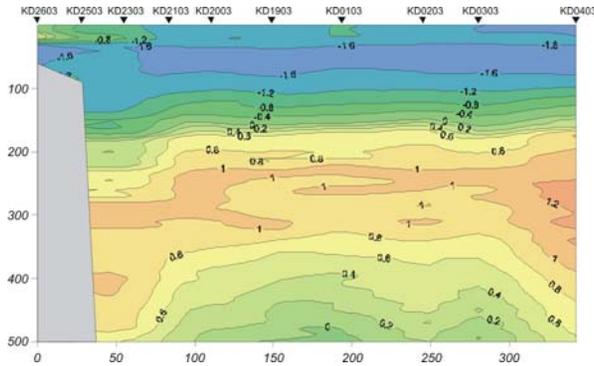
September,
2002



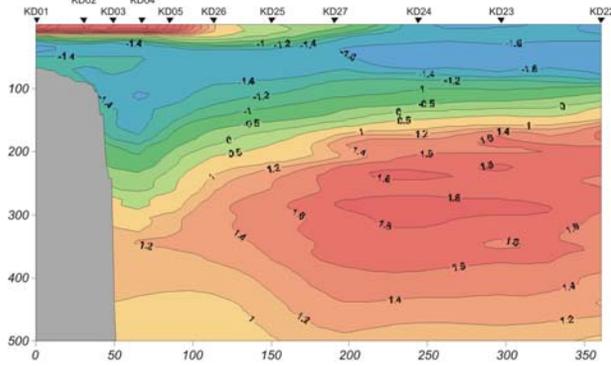
September,
2005



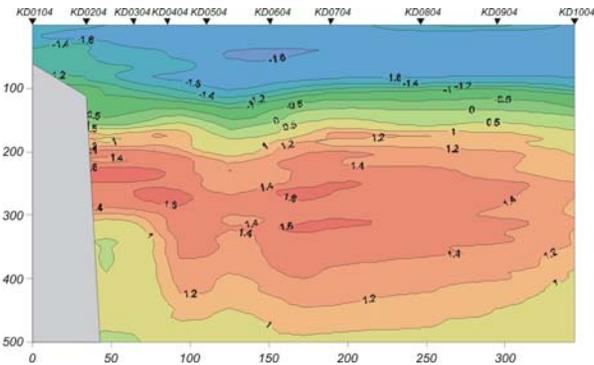
September,
2003



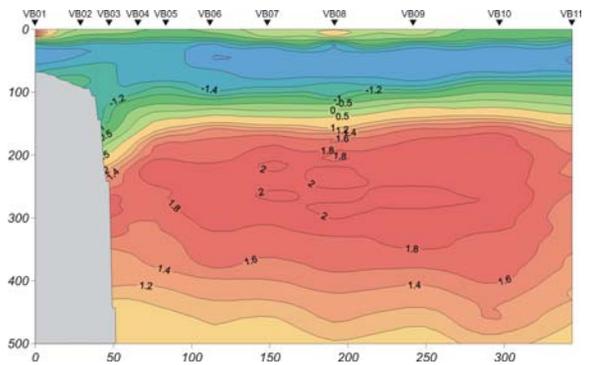
September,
2006



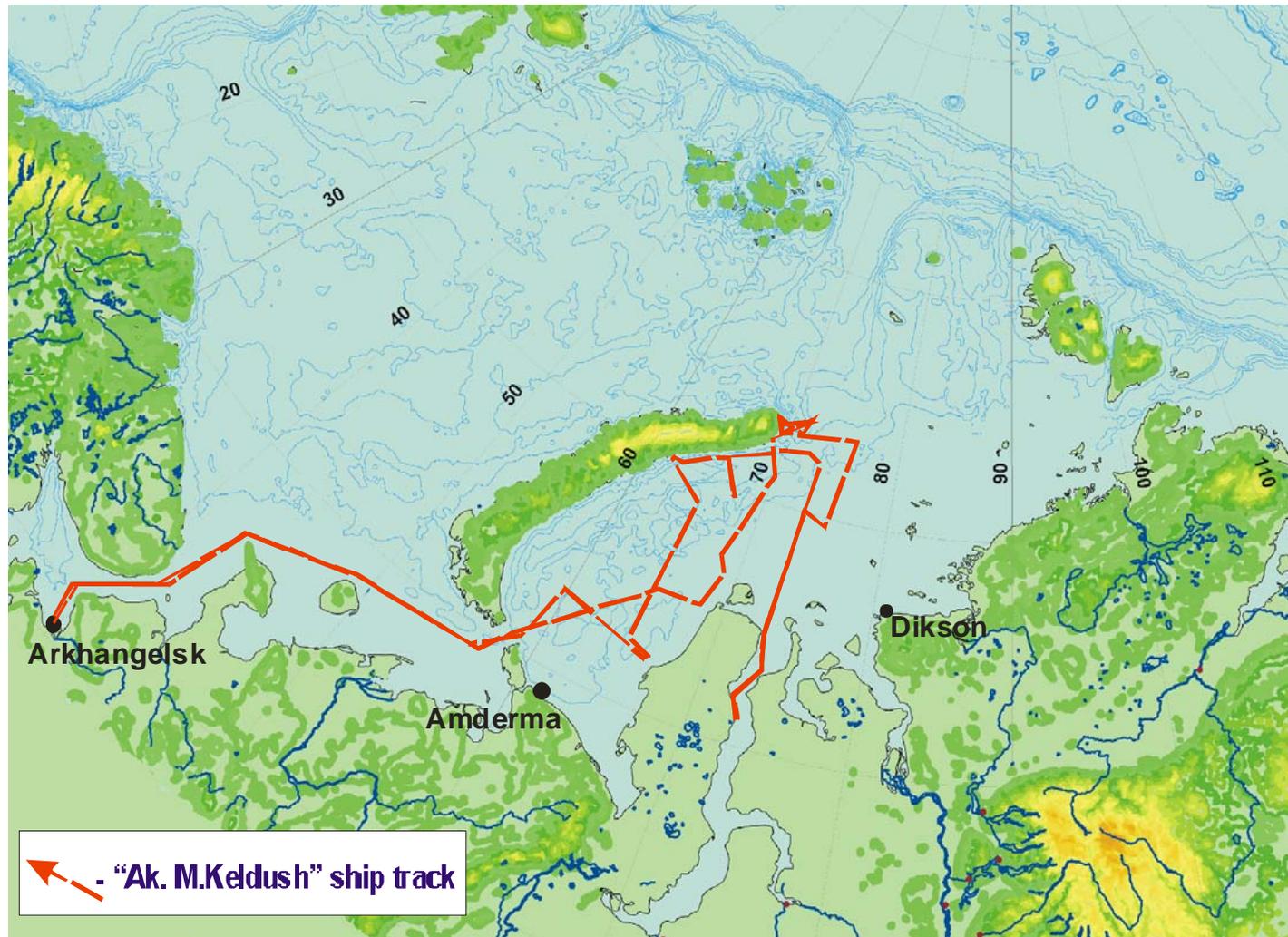
September,
2004



September,
2007

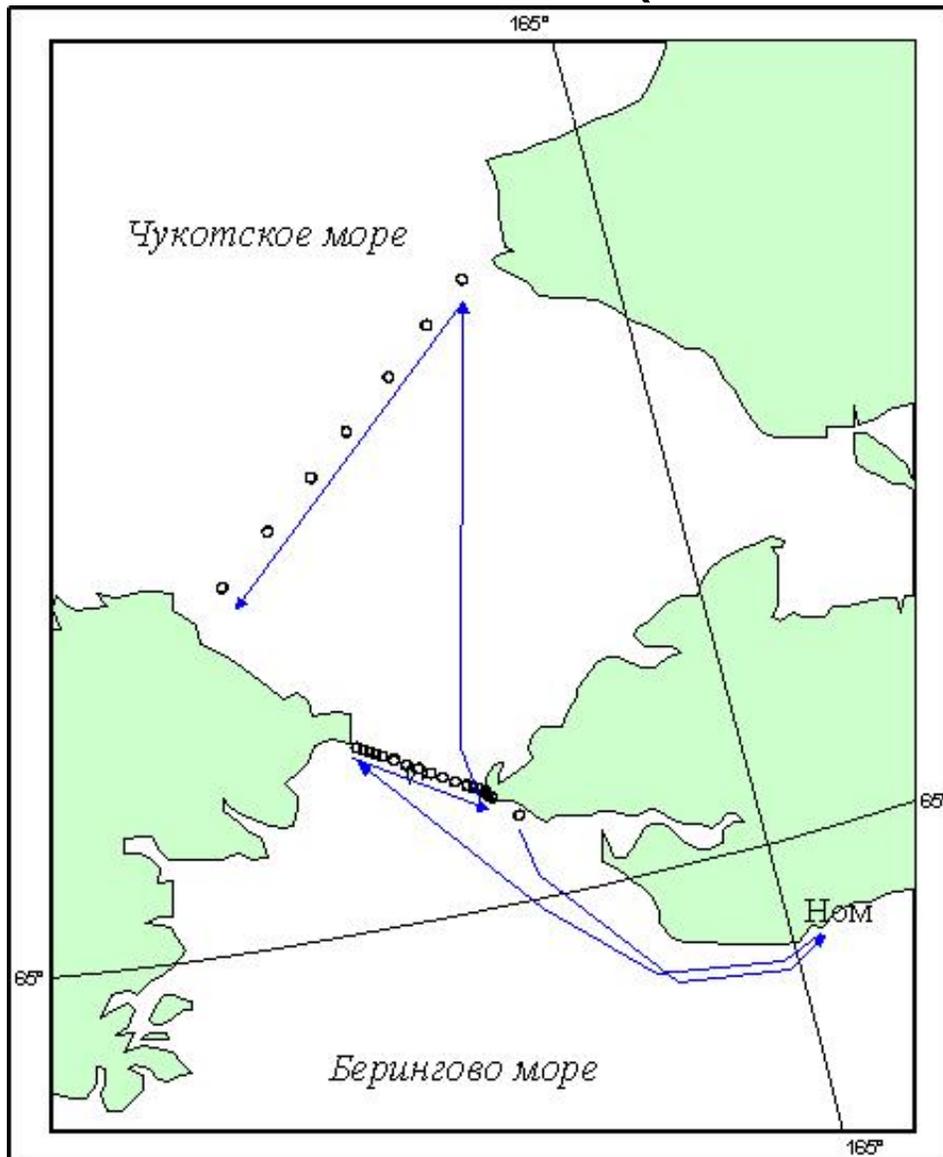


Expedition IO RAN on board R/V «Ak. M. Keldush»



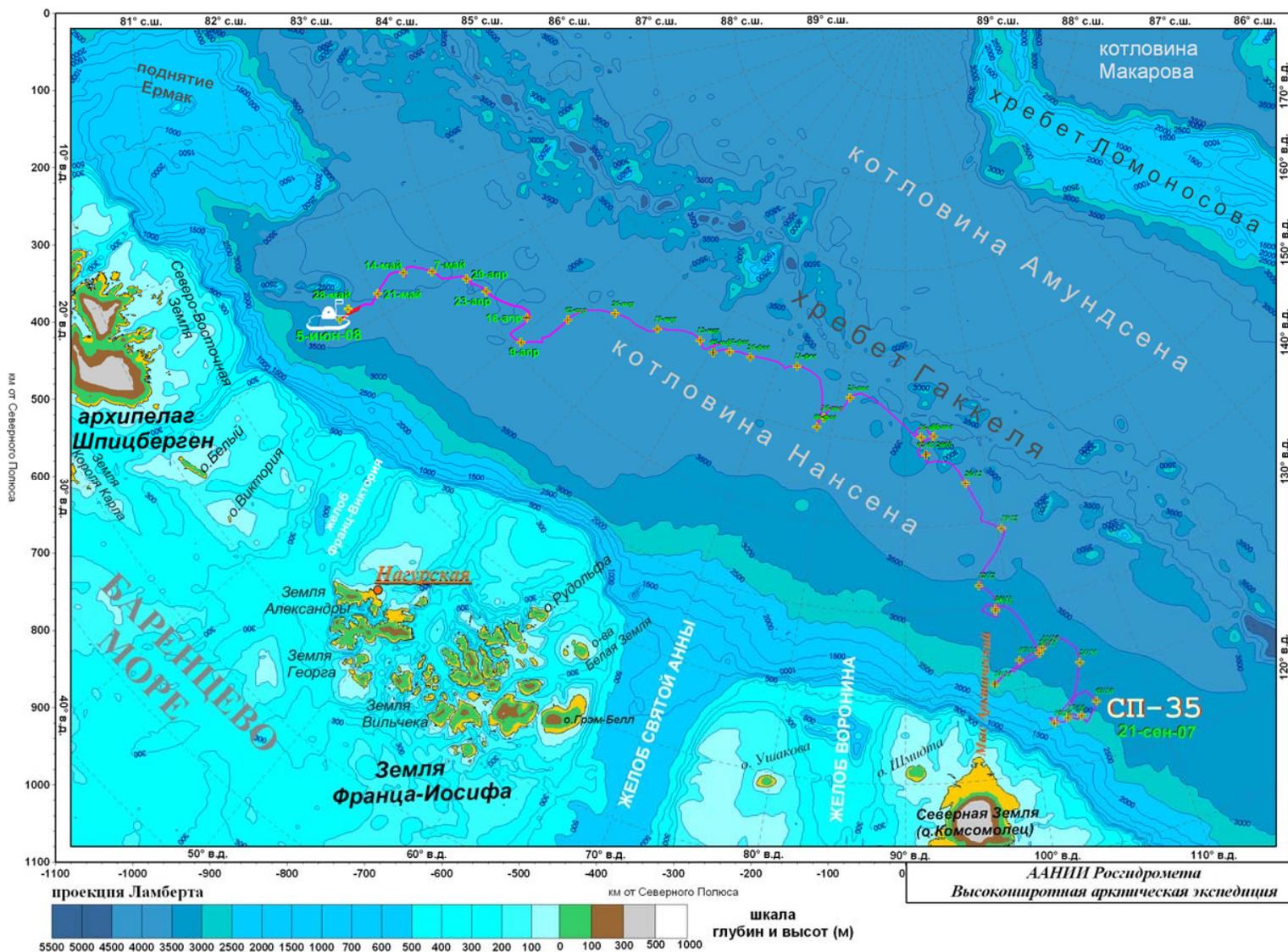
53 shipborne CTD stations

Expedition «RUSALKA - 2007» (R/V «Sever»)

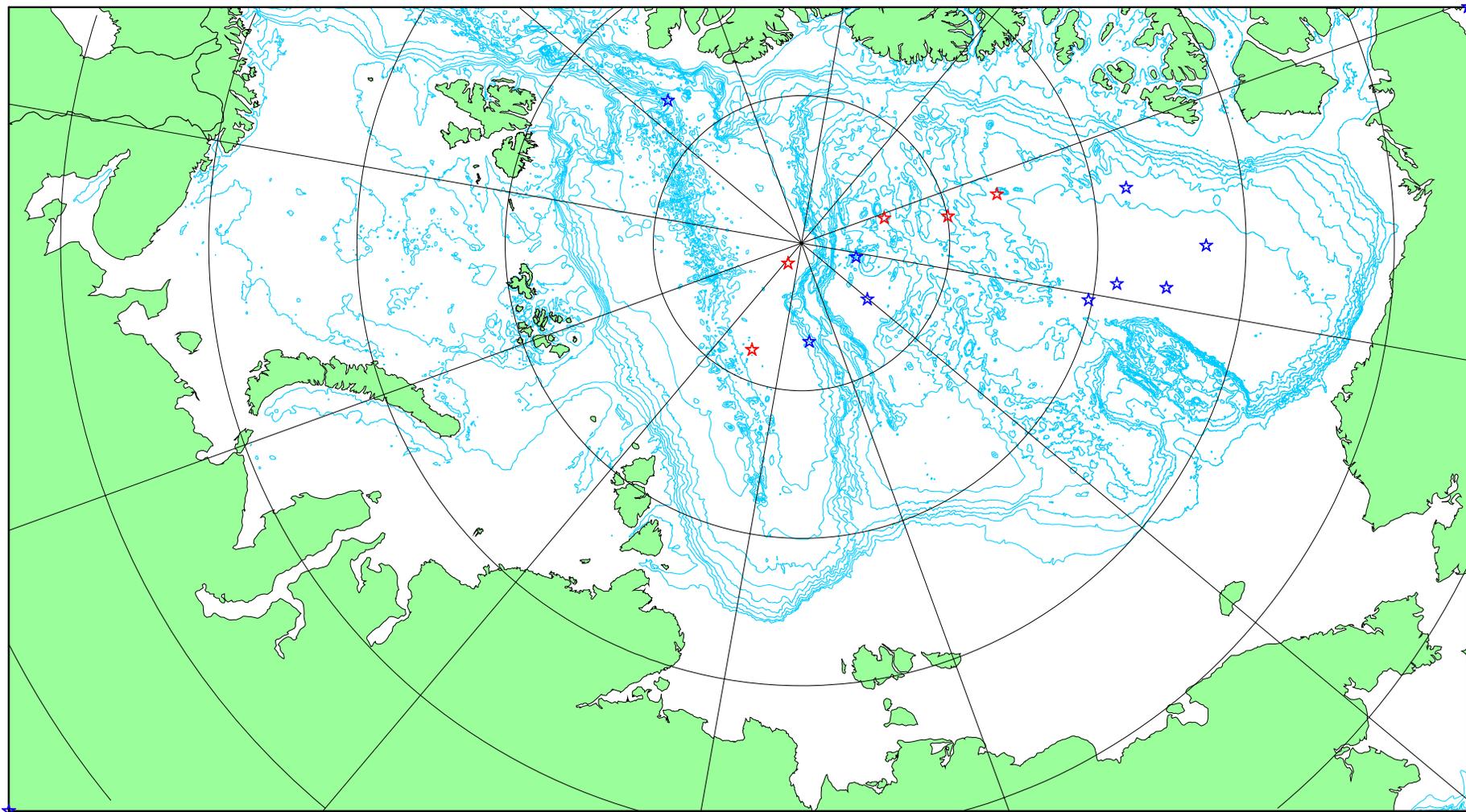


NP-35 drift: September 21- June 15, 2008

(see <http://www.aari.ru/resources/d0014/np35/>)



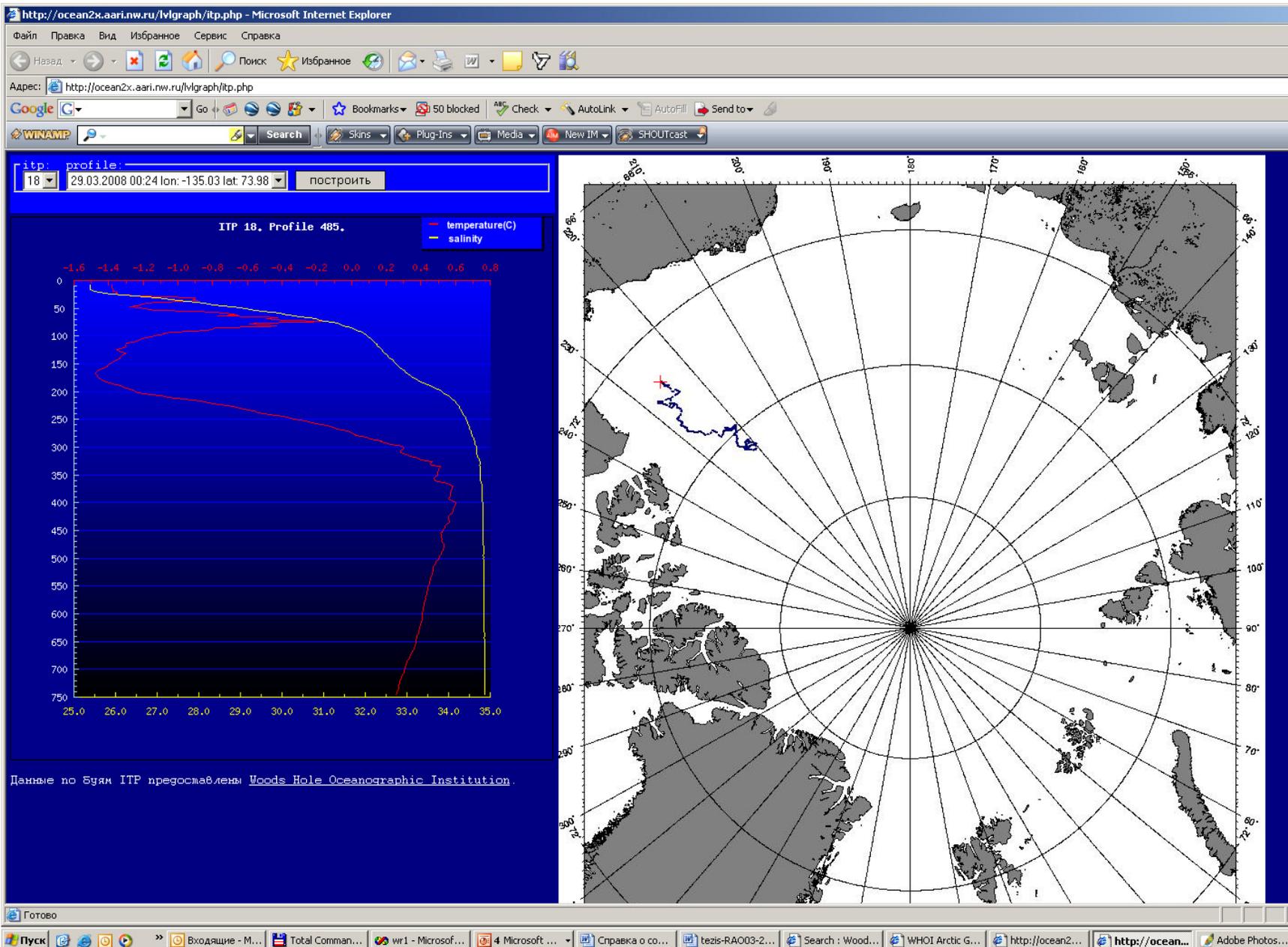
Positions of drifting ITP-stations in the Arctic Basin on September 14th, 2007



★ - ITP and IMB-stations install by RV "Ak. Fedorov"

★ - ITP-stations install by other expeditions

ITP-data on the AARI's web-site



Thank you for attention!

