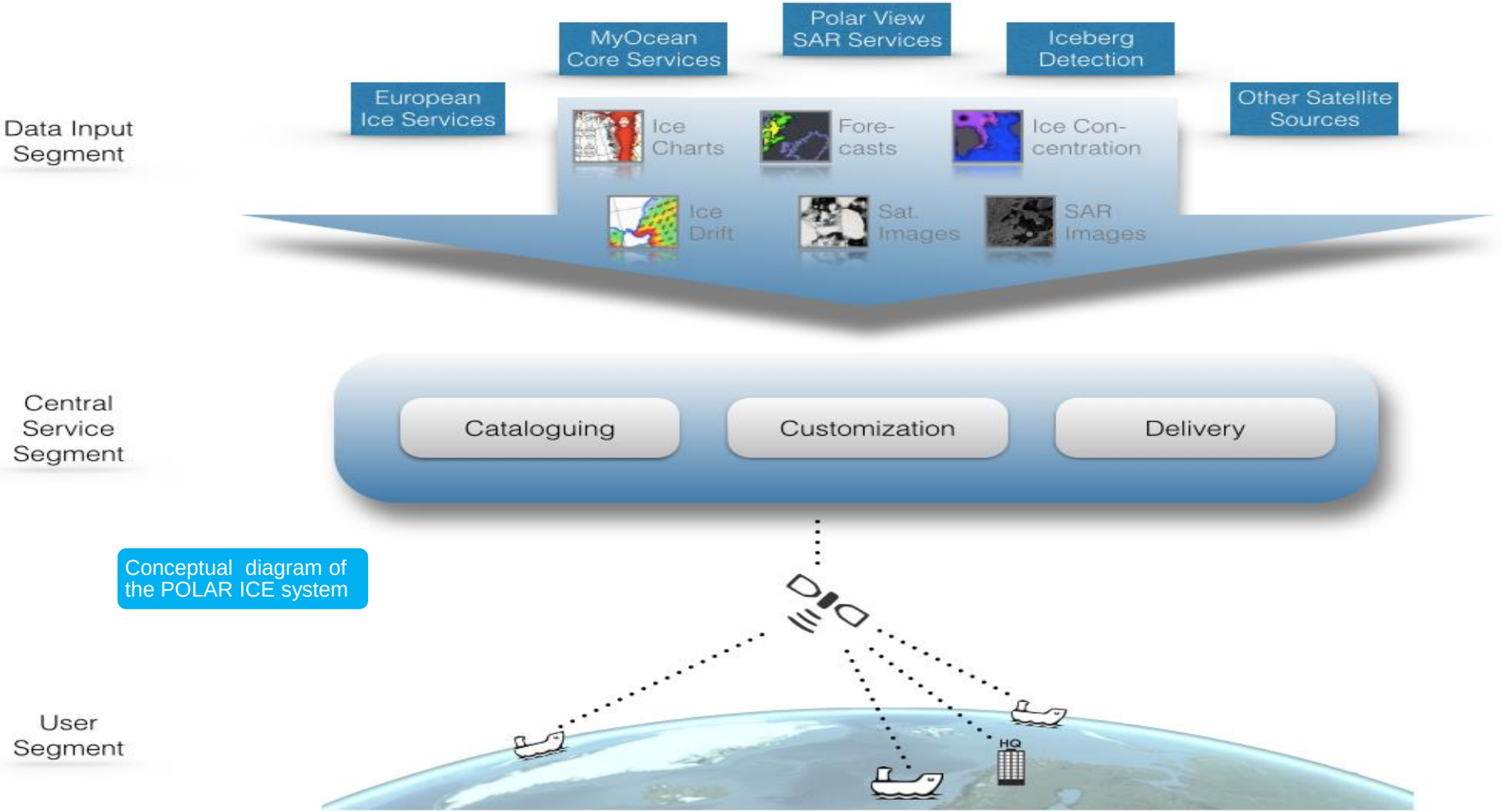
PolarViewIce

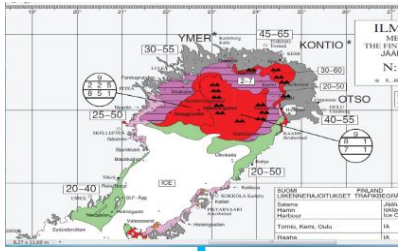
This slide show illustrates the visualisation tool called ViewIce developed by VTT in the project Polar Ice supported by EC in the 7th Framework Programme for Research and Technological Development (FP7).

http://www.polarice.eu/

April 2016



Conceptual diagram of the POLAR ICE system



Ice charts

Ice forecasts

Satellite images

Derived products

PolarIce Server (IMS)

Office server

ViewIce

Request for data

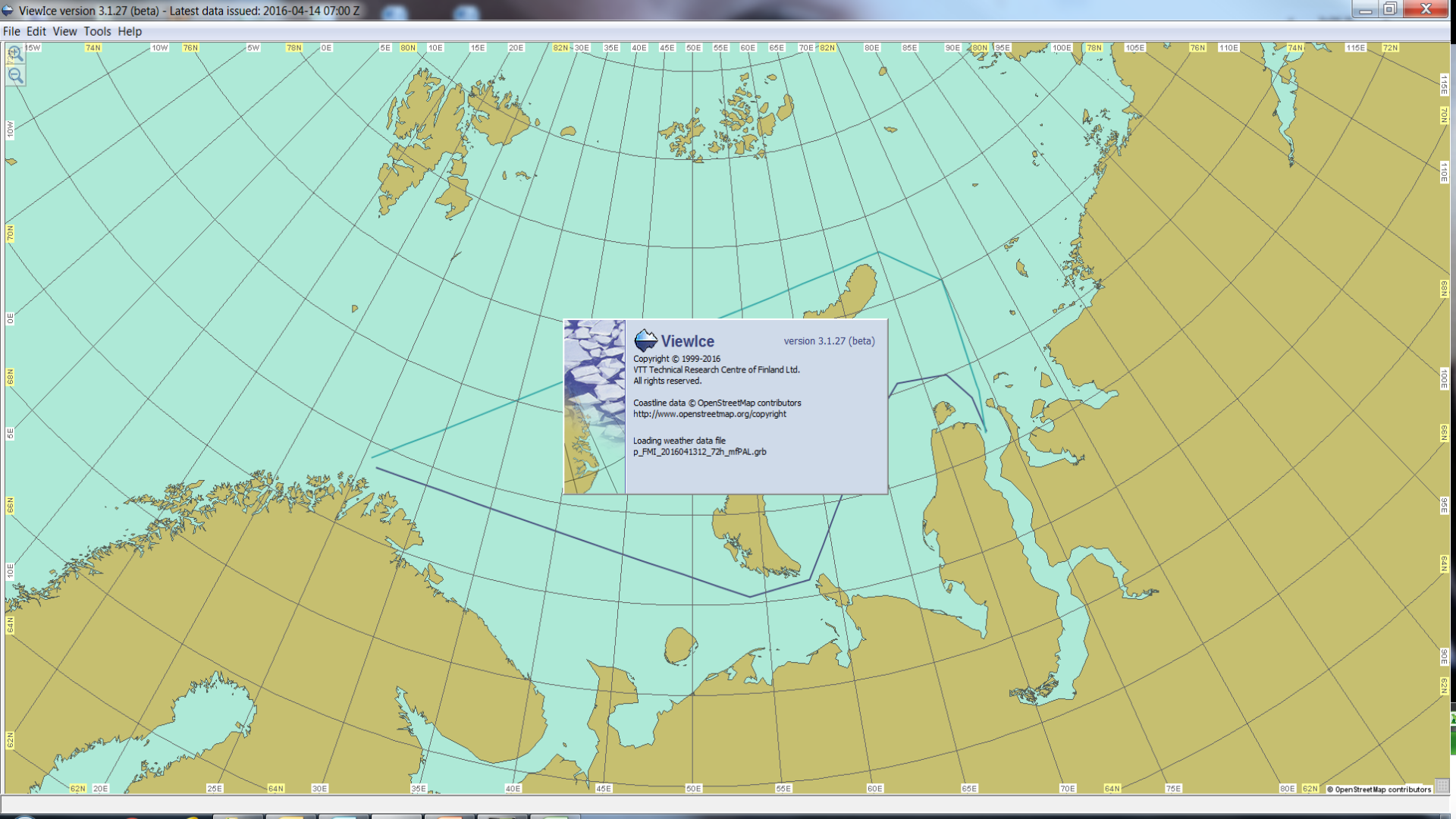
Onboard Server

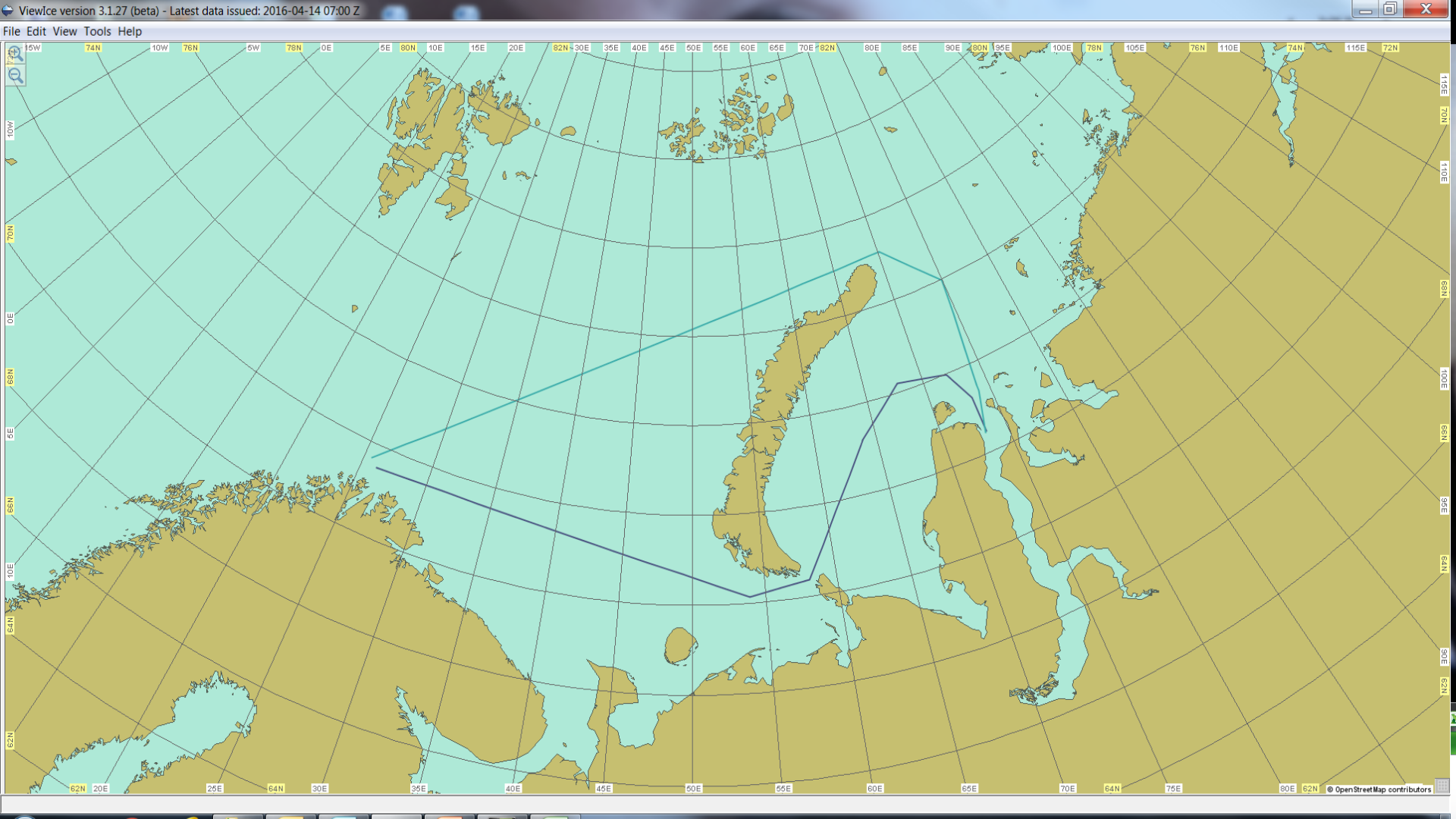
ViewIce

Catalogue, Products (*.imz)

Scenario

- Which route would be better – North or South of Novaya Zemlya?


ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
ViewIce
version 3.1.27 (beta)
Copyright © 1999-2016
VTT Technical Research Centre of Finland Ltd.
All rights reserved.
Coastline data © OpenStreetMap contributors
http://www.openstreetmap.org/copyright
Loading weather data file
p_FMI_2016041312_72h_mfPAL.grb
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
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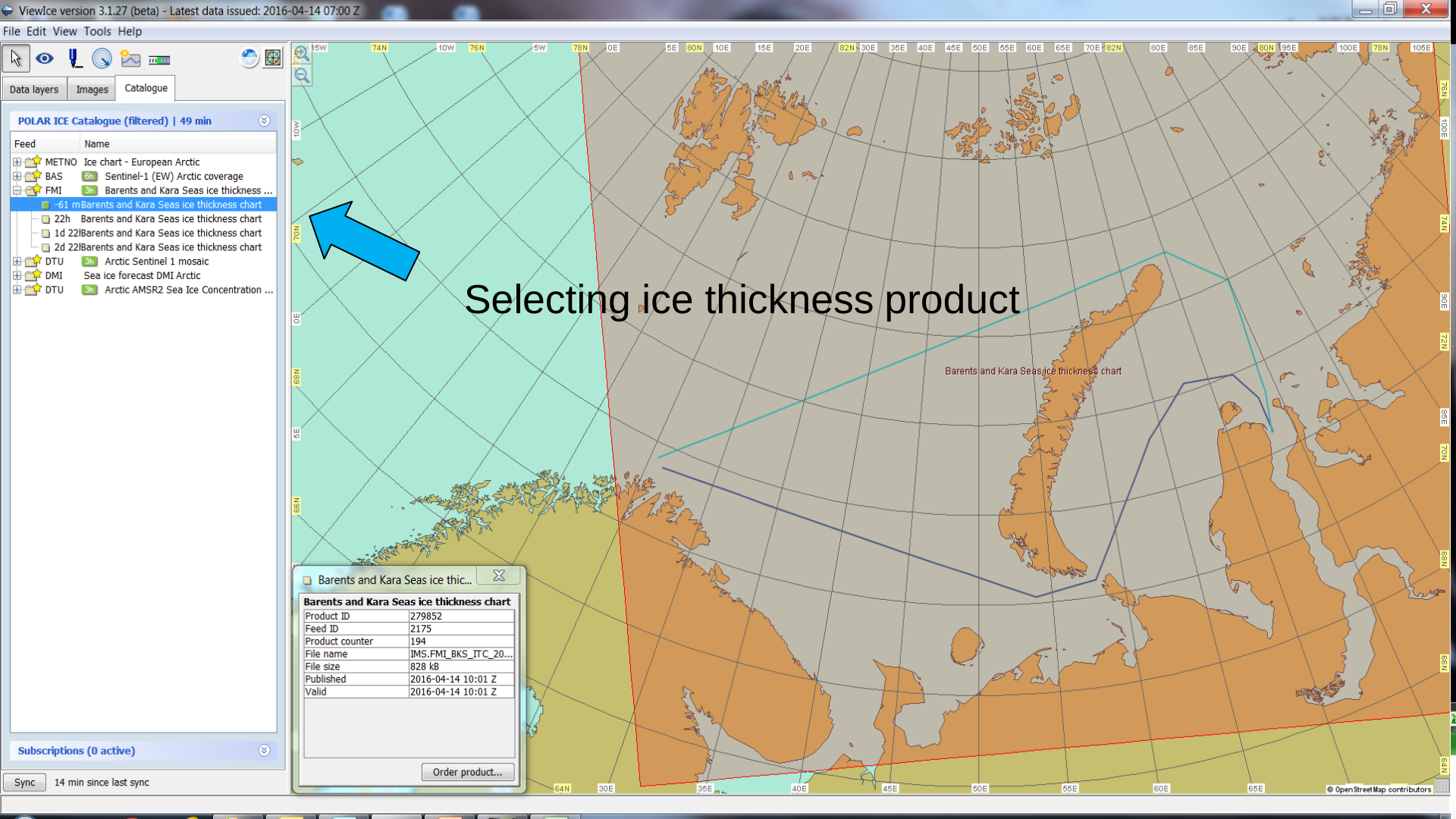
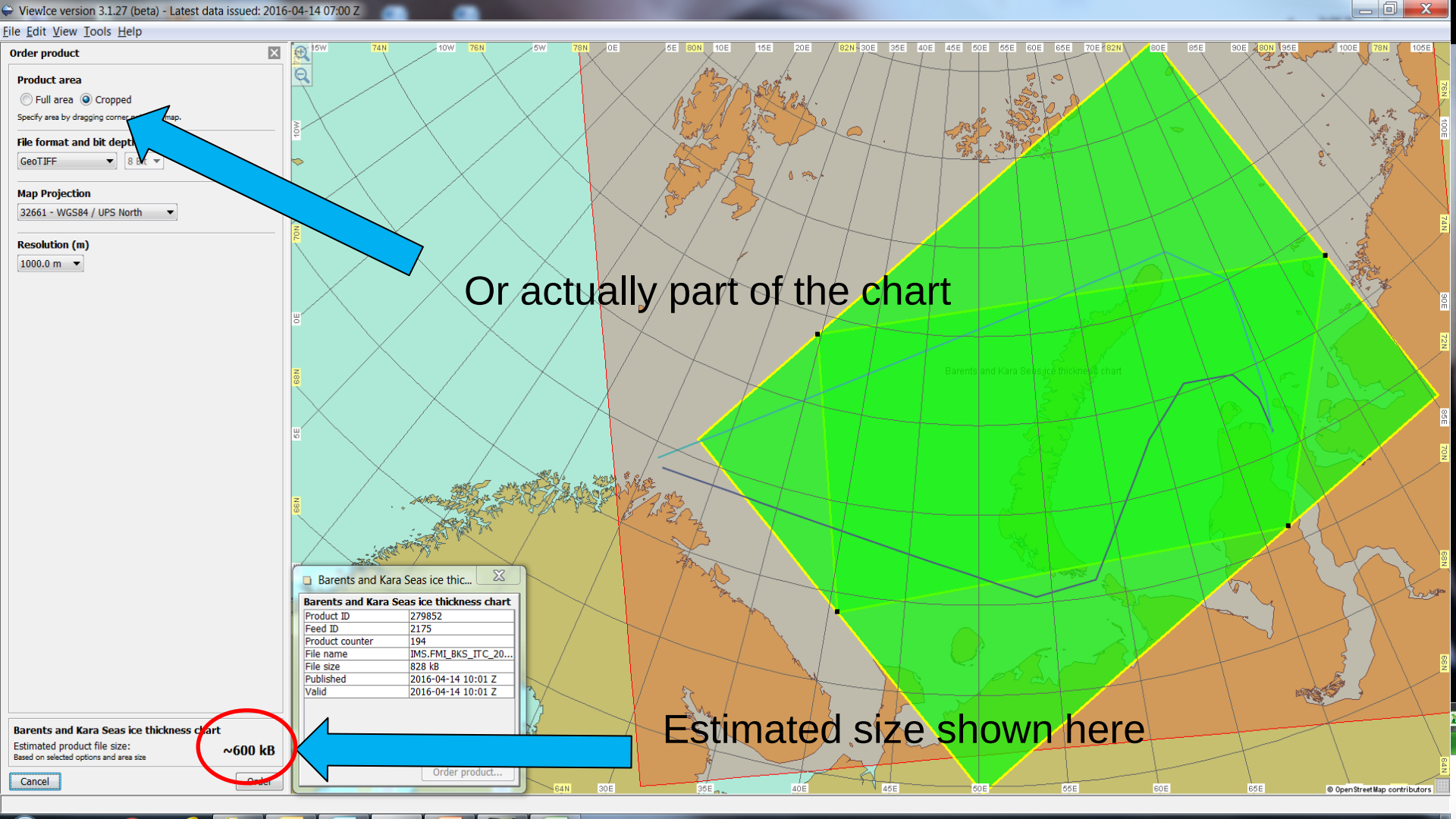
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
POLAR ICE Catalogue (filtered) | 47 min
Feed
Name
METNO Ice chart - European Arctic
BAS 6h Sentinel-1 (EW) Arctic coverage
FMI 3h Barents and Kara Seas ice thickness ...
DTU 3h Arctic Sentinel 1 mosaic
DMI Sea ice forecast DMI Arctic
DTU 3h Arctic AMSR2 Sea Ice Concentration ...
Subscriptions (0 active)
Sync
12 min since last sync
My favourite feeds
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
POLAR ICE Catalogue (filtered) | 49 min
Feed
Name
METNO Ice chart - European Arctic
BAS 6h Sentinel-1 (EW) Arctic coverage
FMI 3h Barents and Kara Seas ice thickness ...
-61 m Barents and Kara Seas ice thickness chart
22h Barents and Kara Seas ice thickness chart
1d 22h Barents and Kara Seas ice thickness chart
2d 22h Barents and Kara Seas ice thickness chart
DTU 3h Arctic Sentinel 1 mosaic
DMI Sea ice forecast DMI Arctic
DTU 3h Arctic AMSR2 Sea Ice Concentration ...
Subscriptions (0 active)
Sync
14 min since last sync
Selecting ice thickness product
Barents and Kara Seas ice thickness chart
Barents and Kara Seas ice thic...
Barents and Kara Seas ice thickness chart
Product ID 279852
Feed ID 2175
Product counter 194
File name IMS.FMI_BKS_ITC_20...
File size 828 kB
Published 2016-04-14 10:01 Z
Valid 2016-04-14 10:01 Z
Order product...
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Order product
Product area
Full area
Cropped
Specify area by dragging corner
map.
File format and bit depth
GeoTIFF
8 bit
Map Projection
32661 - WGS84 / UPS North
Resolution (m)
1000.0 m
Barents and Kara Seas ice thickness chart
Estimated product file size:
Based on selected options and area size
~600 kB
Cancel
Order
Barents and Kara Seas ice thic...
Barents and Kara Seas ice thickness chart
Product ID 279852
Feed ID 2175
Product counter 194
File name IMS.FMI_BKS_ITC_20...
File size 828 kB
Published 2016-04-14 10:01 Z
Valid 2016-04-14 10:01 Z
Order product...
Or actually part of the chart
Estimated size shown here
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

POLAR ICE Catalogue (filtered) | 52 min

Feed	Name
METI	Ice chart - European Arctic
BAS	6h Sentinel-1 (EW) Arctic coverage
FMI	3h Barents and Kara Seas ice thickness chart
DTU	3h Arctic Sentinel 1 mosaic
DMI	Sea ice forecast DMI Arctic
DTU	3h Arctic AMSR2 Sea Ice Concentration ma...

Subscriptions (2 active)

Sync 18 min since last sync

Arctic AMSR2 Sea Ice Concentration map raw

Ice concentration?

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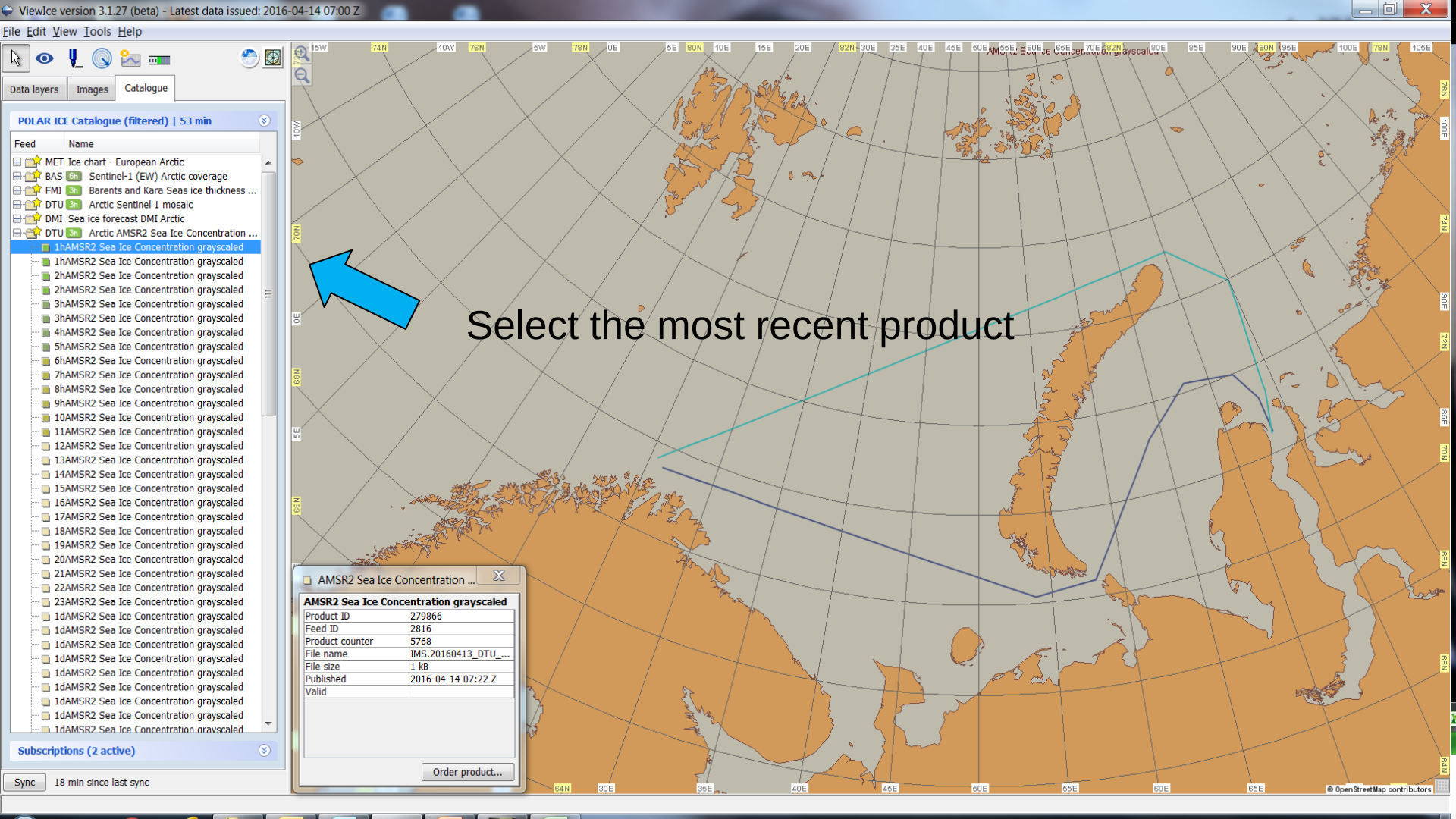
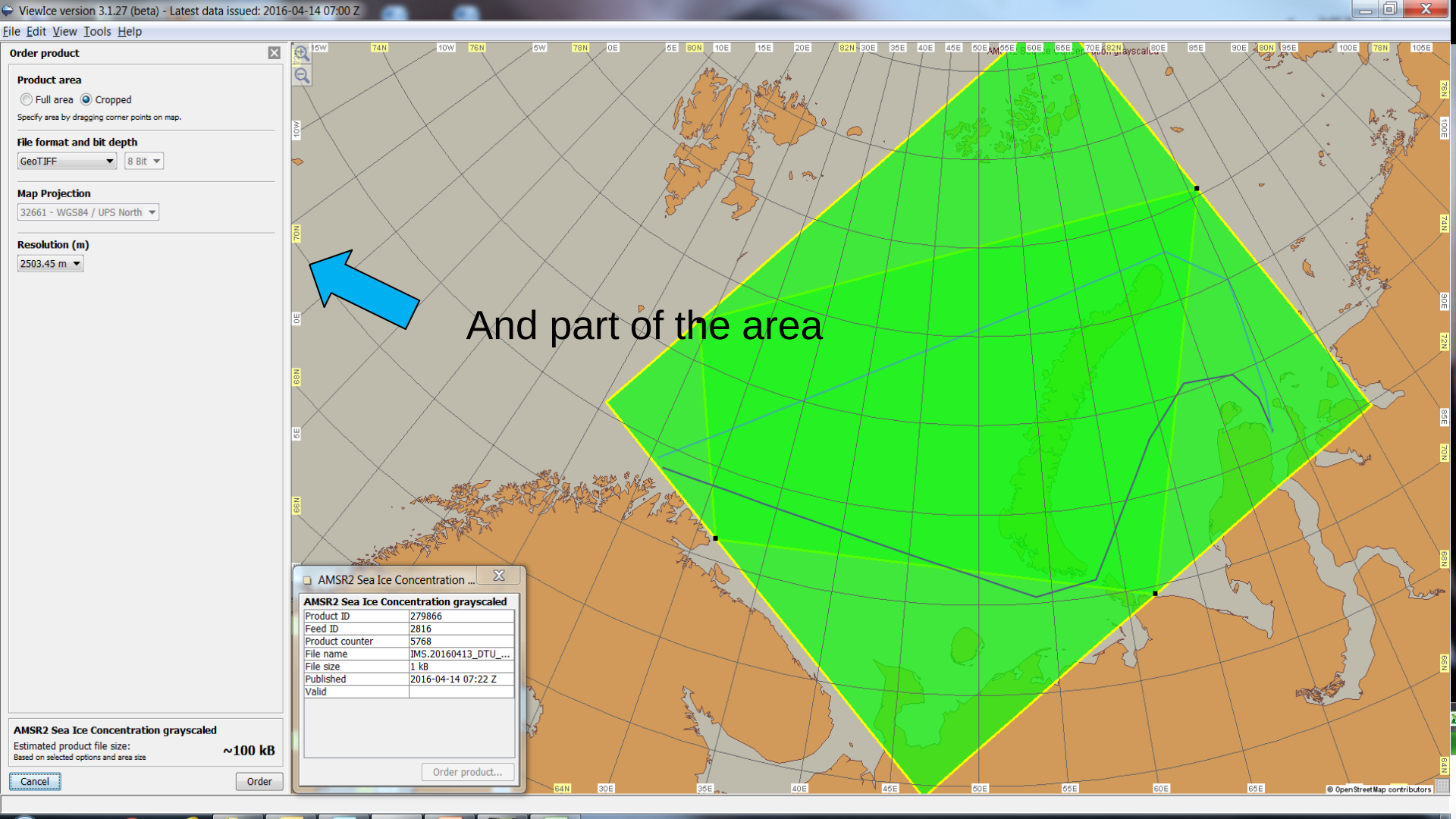

ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
POLAR ICE Catalogue (filtered) | 53 min
Feed
Name
MET Ice chart - European Arctic
BAS 6h Sentinel-1 (EW) Arctic coverage
FMI 3h Barents and Kara Seas ice thickness ...
DTU 3h Arctic Sentinel 1 mosaic
DMI Sea ice forecast DMI Arctic
DTU 3h Arctic AMSR2 Sea Ice Concentration ...
1hAMSR2 Sea Ice Concentration grayscaled
Subscriptions (2 active)
Sync
18 min since last sync
Select the most recent product
AMSR2 Sea Ice Concentration ...
AMSR2 Sea Ice Concentration grayscaled
Product ID 279866
Feed ID 2816
Product counter 5768
File name IMS.20160413_DTU_...
File size 1 kB
Published 2016-04-14 07:22 Z
Valid
Order product...
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Order product
Product area
Full area
Cropped
Specify area by dragging corner points on map.
File format and bit depth
GeoTIFF
8 Bit
Map Projection
32661 - WGS84 / UPS North
Resolution (m)
2503.45 m
AMSR2 Sea Ice Concentration grayscaled
Estimated product file size:
Based on selected options and area size
~100 kB
Cancel
Order
And part of the area
AMSR2 Sea Ice Concentration ...
AMSR2 Sea Ice Concentration grayscaled
Product ID 279866
Feed ID 2816
Product counter 5768
File name IMS.20160413_DTU_...
File size 1 kB
Published 2016-04-14 07:22 Z
Valid
Order product...
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
Import images...
Animate images
Close all images
Received Images (18)
Type Name Age Size
GeoTIFF Barents and Kara Sea... 56 min 1 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 5h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 5h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 19h 844 kB
GeoTIFF Barents and Kara Seas i... 1d 23h 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 19h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 19h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 19h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 19h 814 kB
GeoTIFF Arctic Sentinel 1 mosaic 6d 13 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 6d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 6d 209 MB
SIGRID-3 Ice chart - European Arctic 6d 931 kB
Show all footprints on map
Sync
20 min since last sync
Now the ordered product has arrived (shown in bold)
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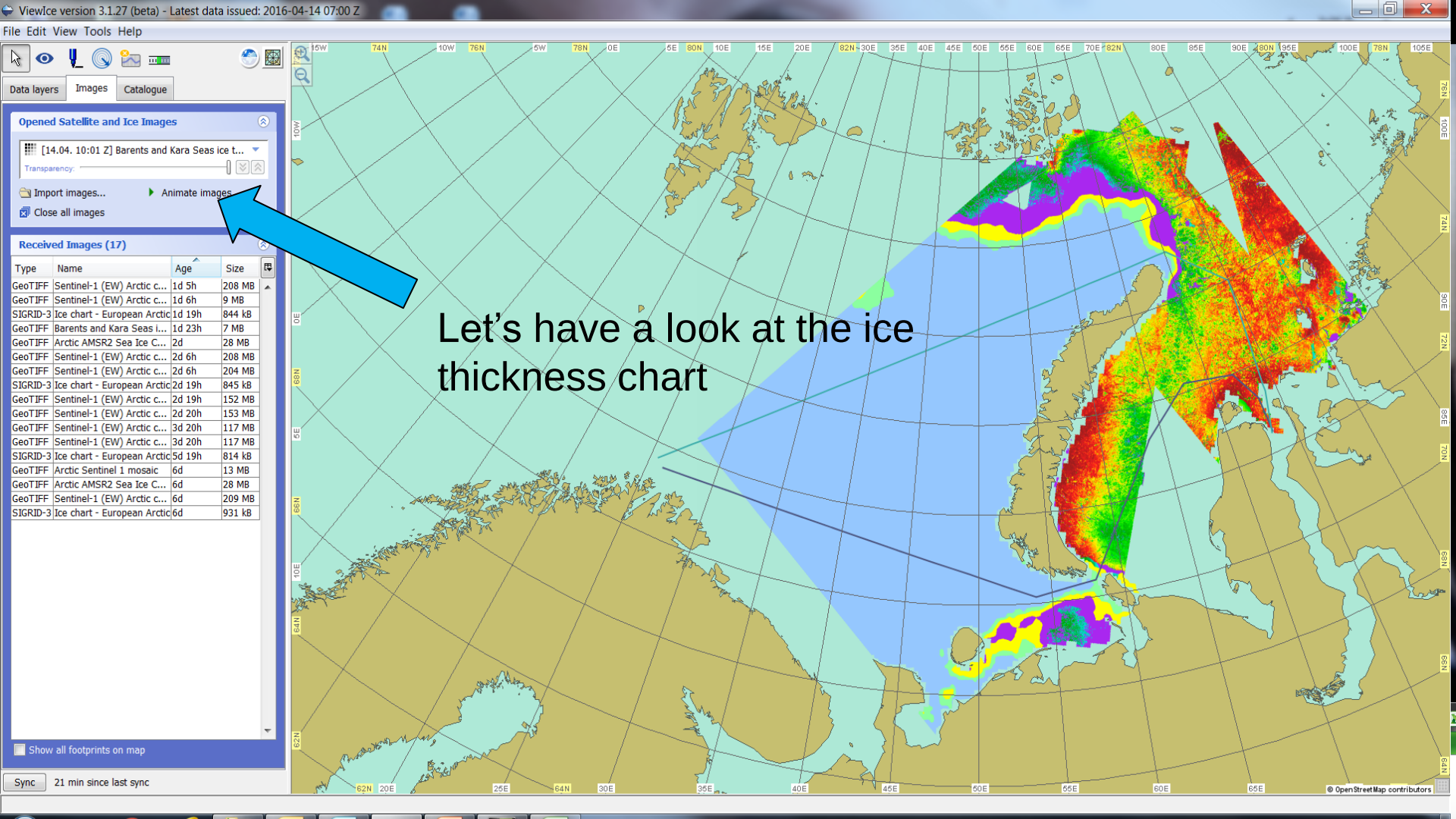
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Transparency:
Import images...
Animate images
Close all images
Received Images (17)
Type Name Age Size
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 5h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 6h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 19h 844 kB
GeoTIFF Barents and Kara Seas i... 1d 23h 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 19h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 19h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 20h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 19h 814 kB
GeoTIFF Arctic Sentinel 1 mosaic 6d 13 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 6d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 6d 209 MB
SIGRID-3 Ice chart - European Arctic 6d 931 kB
Show all footprints on map
Sync
21 min since last sync
Let’s have a look at the ice thickness chart
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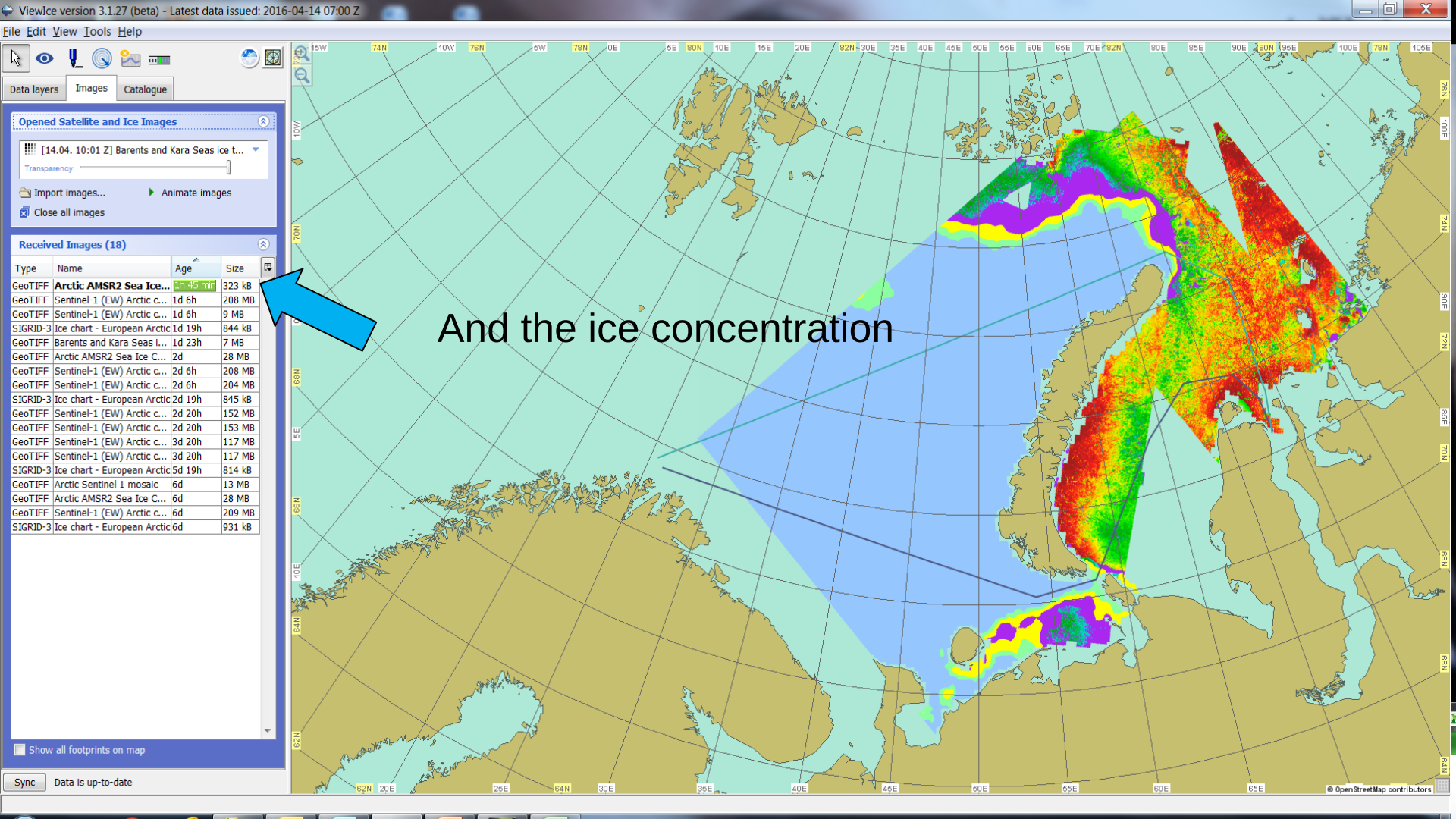
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Transparency:
Import images...
Animate images
Close all images
Received Images (18)
Type Name Age Size
GeoTIFF Arctic AMSR2 Sea Ice... 1h 45 min 323 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 6h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 6h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 19h 844 kB
GeoTIFF Barents and Kara Seas i... 1d 23h 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 6h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 19h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 20h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 20h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 20h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 19h 814 kB
GeoTIFF Arctic Sentinel 1 mosaic 6d 13 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 6d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 6d 209 MB
SIGRID-3 Ice chart - European Arctic 6d 931 kB
Show all footprints on map
Sync
Data is up-to-date
And the ice concentration
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ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

Opened Satellite and Ice Images

[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
Transparency:

[14.04. 10:01 Z] Barents and Kara Seas ice t...
Transparency:

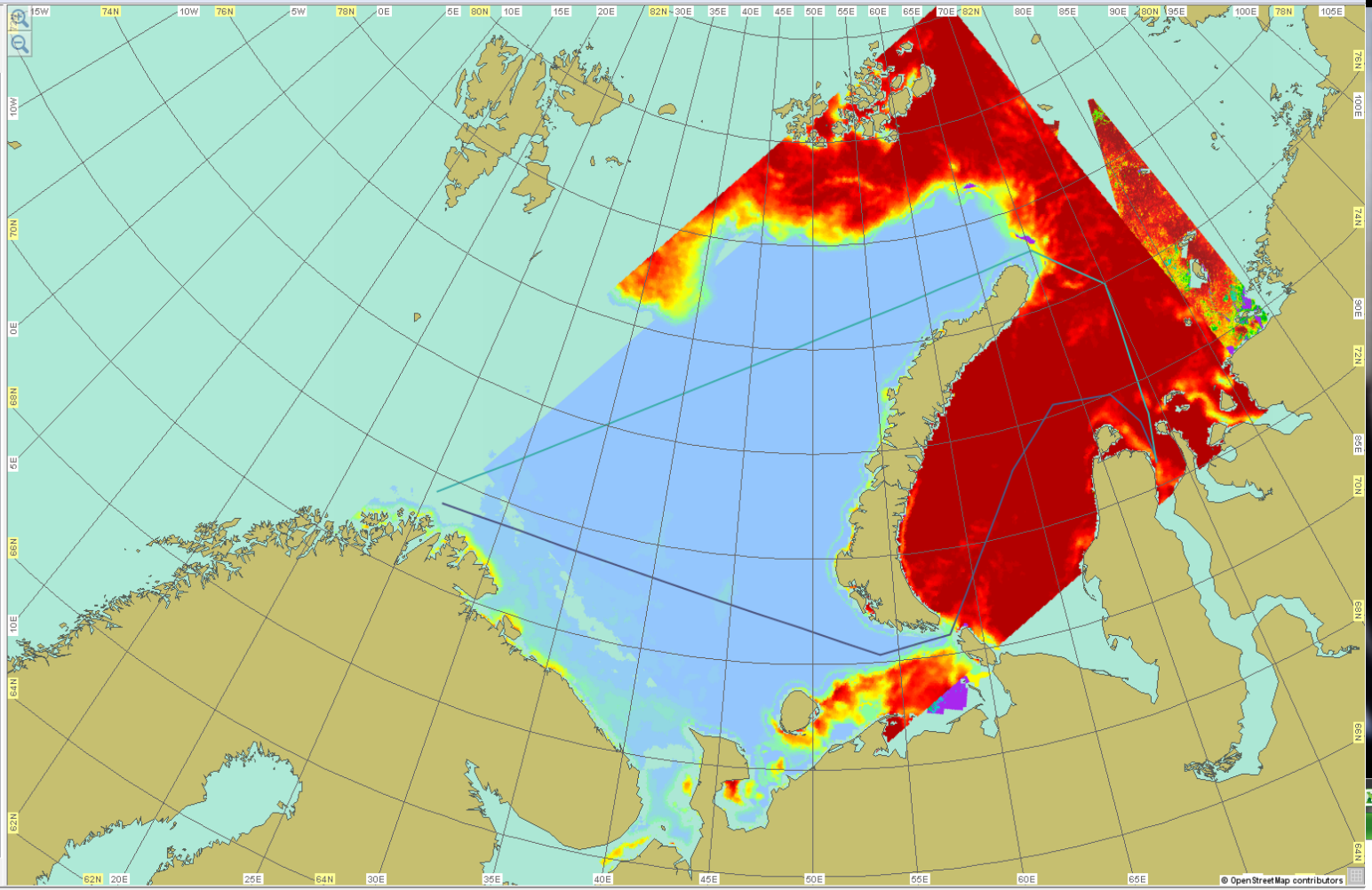
Import images... Animate images
Close all images

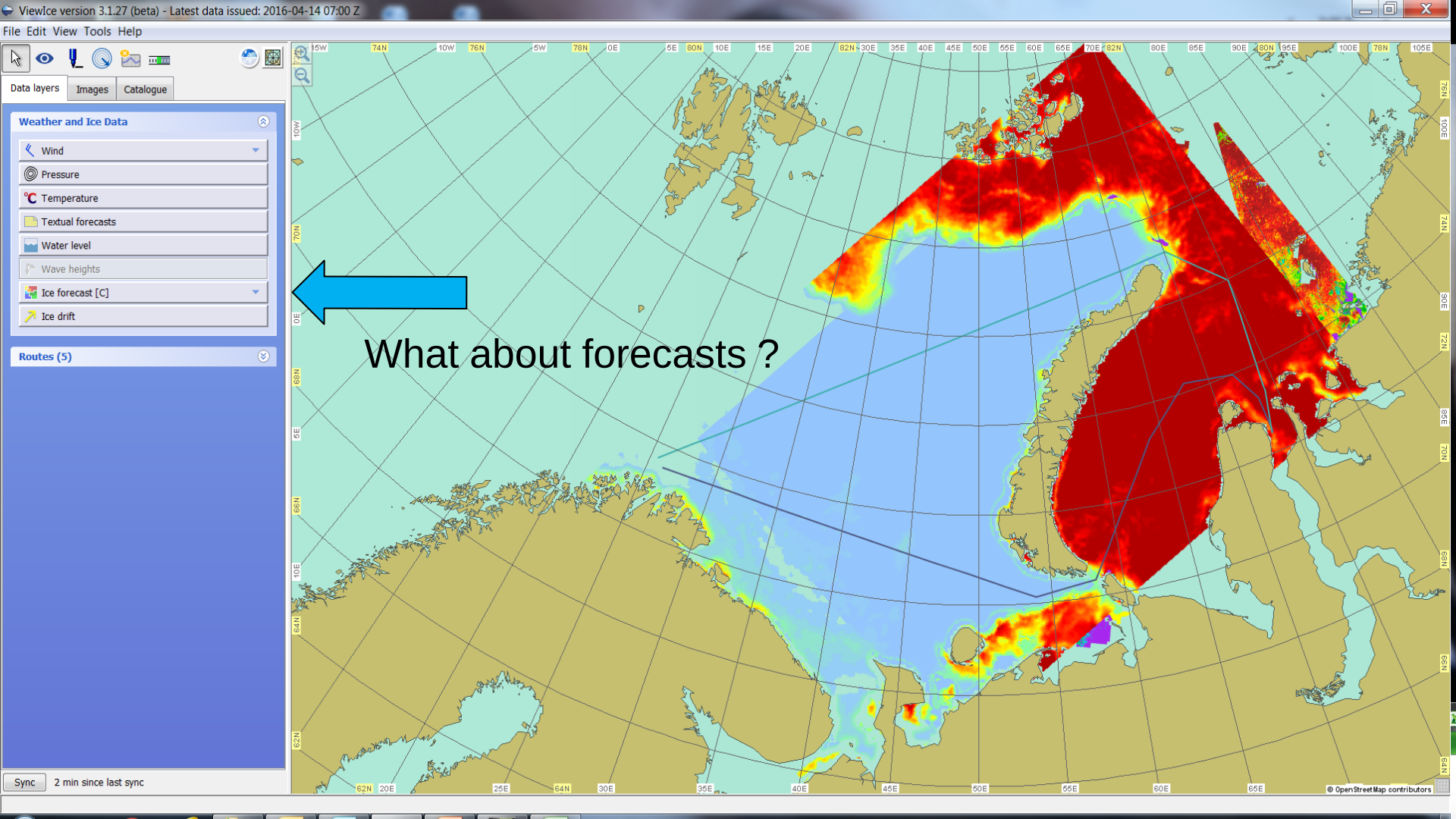
Received Images (17)

Type	Name	Age	Size
GeoTIFF	Sentinel-1 (EW) Arctic c...	1d 6h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	1d 6h	9 MB
SIGRID-3	Ice chart - European Arctic	1d 19h	844 kB
GeoTIFF	Barents and Kara Seas i...	1d 23h	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 6h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 6h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 19h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 20h	152 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 20h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 20h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 20h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 19h	814 kB
GeoTIFF	Arctic Sentinel 1 mosaic	6d	13 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	6d	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	6d	209 MB
SIGRID-3	Ice chart - European Arctic	6d	931 kB

Show all footprints on map

Sync 1 min since last sync




ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [C]
Ice drift
Routes (5)
Sync
2 min since last sync
What about forecasts ?
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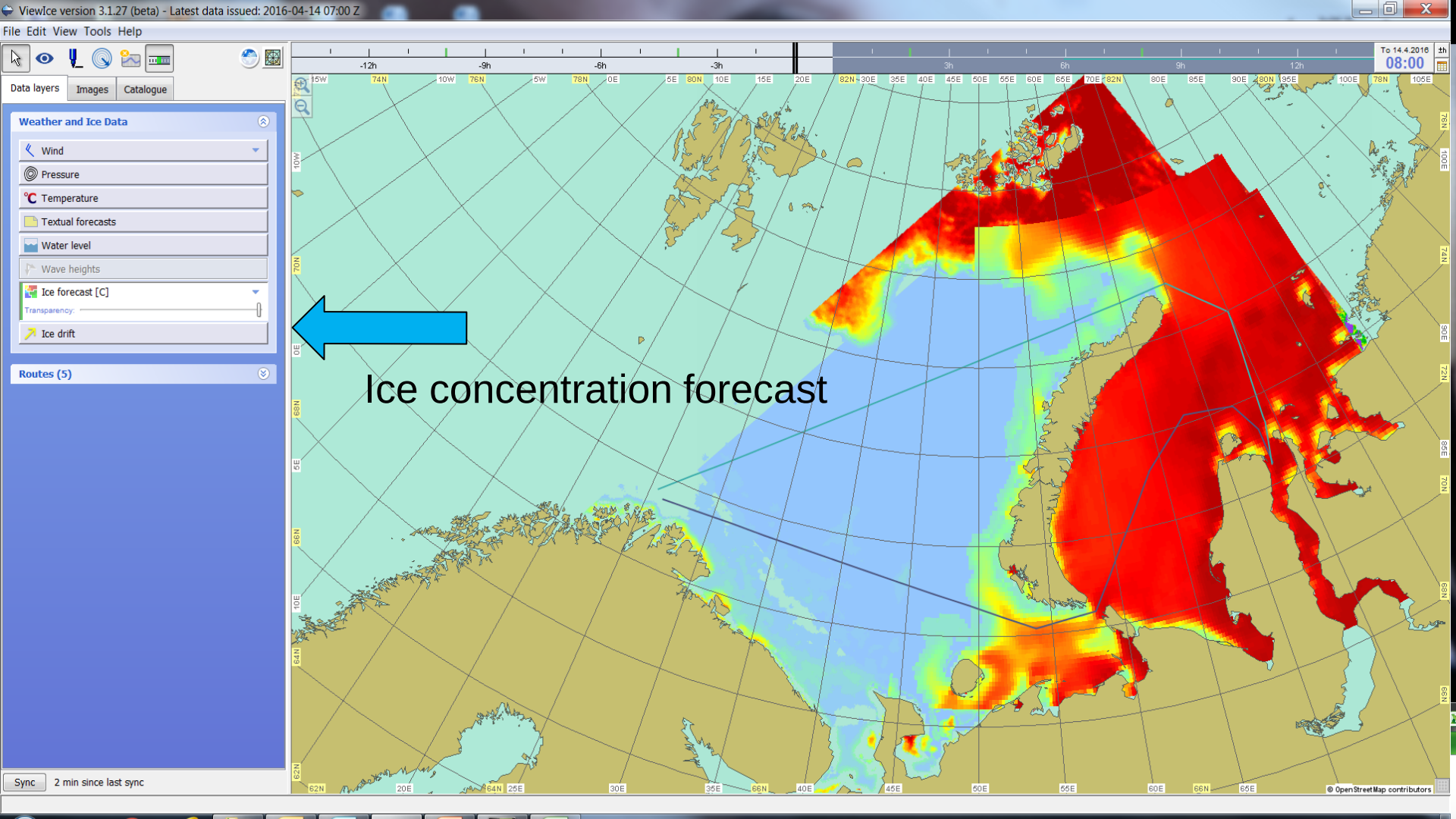
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [C]
Transparency:
Ice drift
Routes (5)
Sync
2 min since last sync
To 14.4.2016
08:00
Ice concentration forecast
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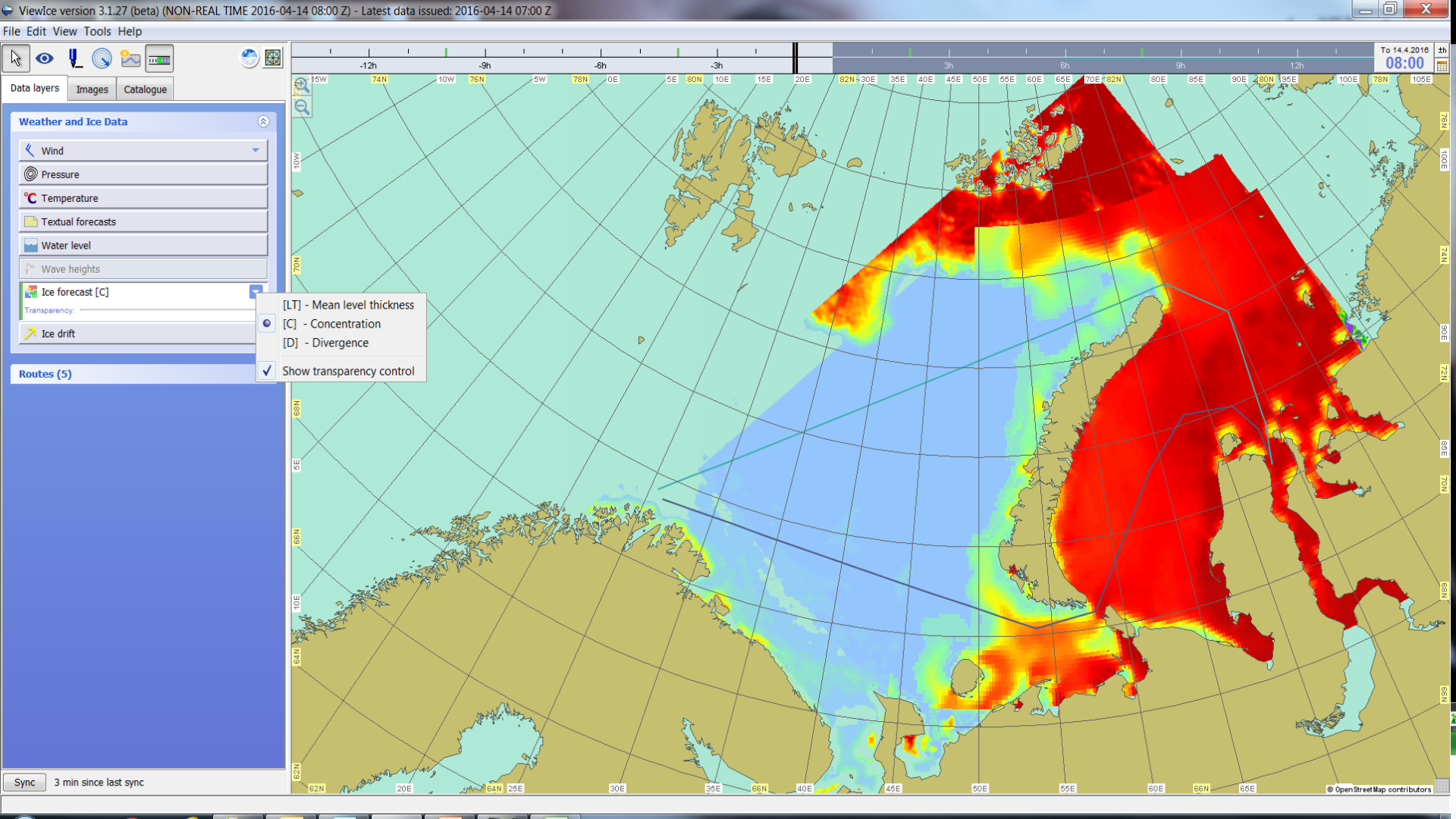
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 08:00 Z) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [C]
Transparency:
Ice drift
[LT] - Mean level thickness
[C] - Concentration
[D] - Divergence
Show transparency control
Routes (5)
Sync
3 min since last sync
To 14.4.2016
08:00
-12h
-9h
-6h
-3h
3h
6h
9h
12h
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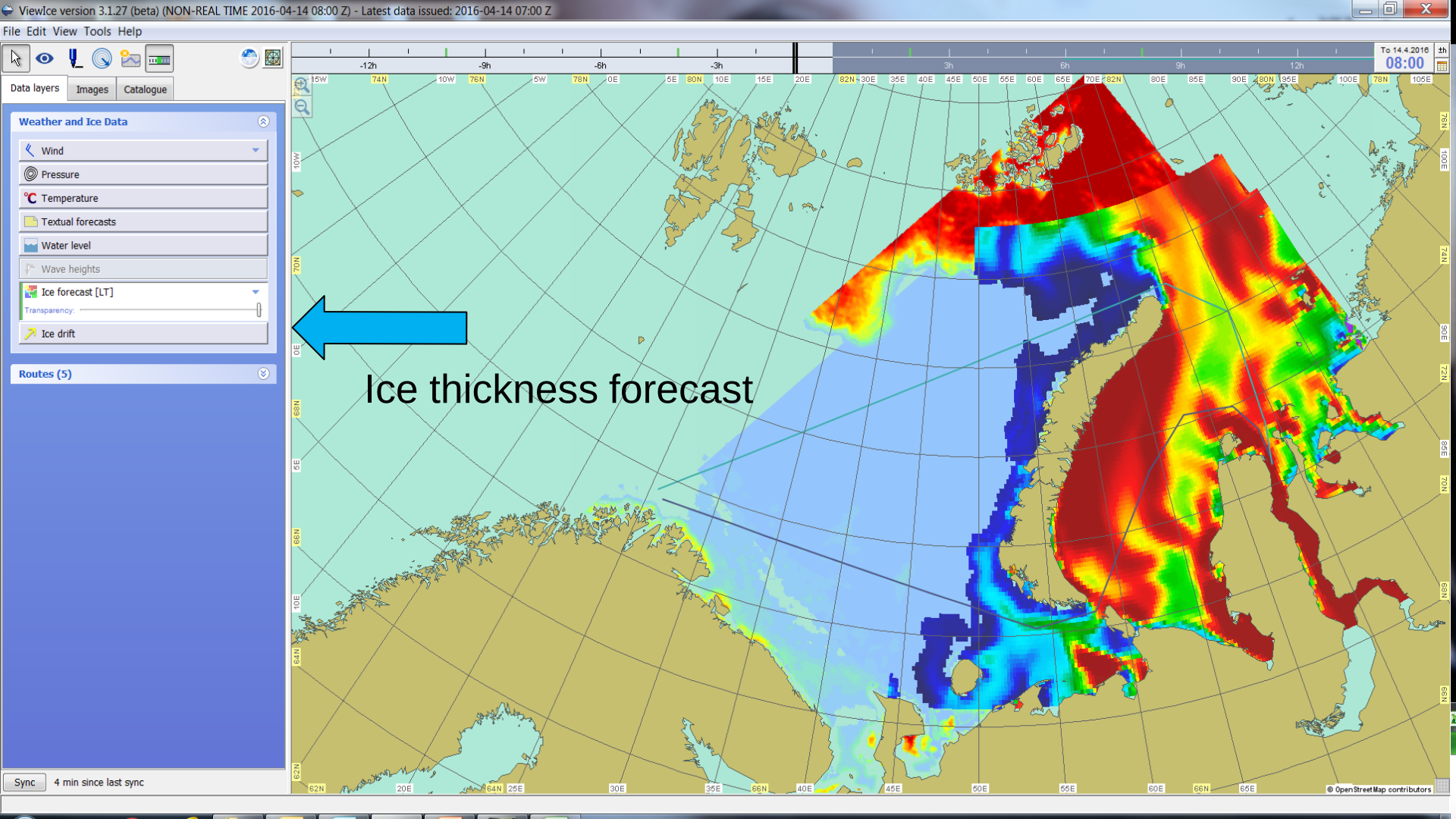
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 08:00 Z) - Latest data issued: 2016-04-14 07:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes (5)
Sync
4 min since last sync
-12h
-9h
-6h
-3h
3h
6h
9h
12h
To 14.4.2016
08:00
Ice thickness forecast
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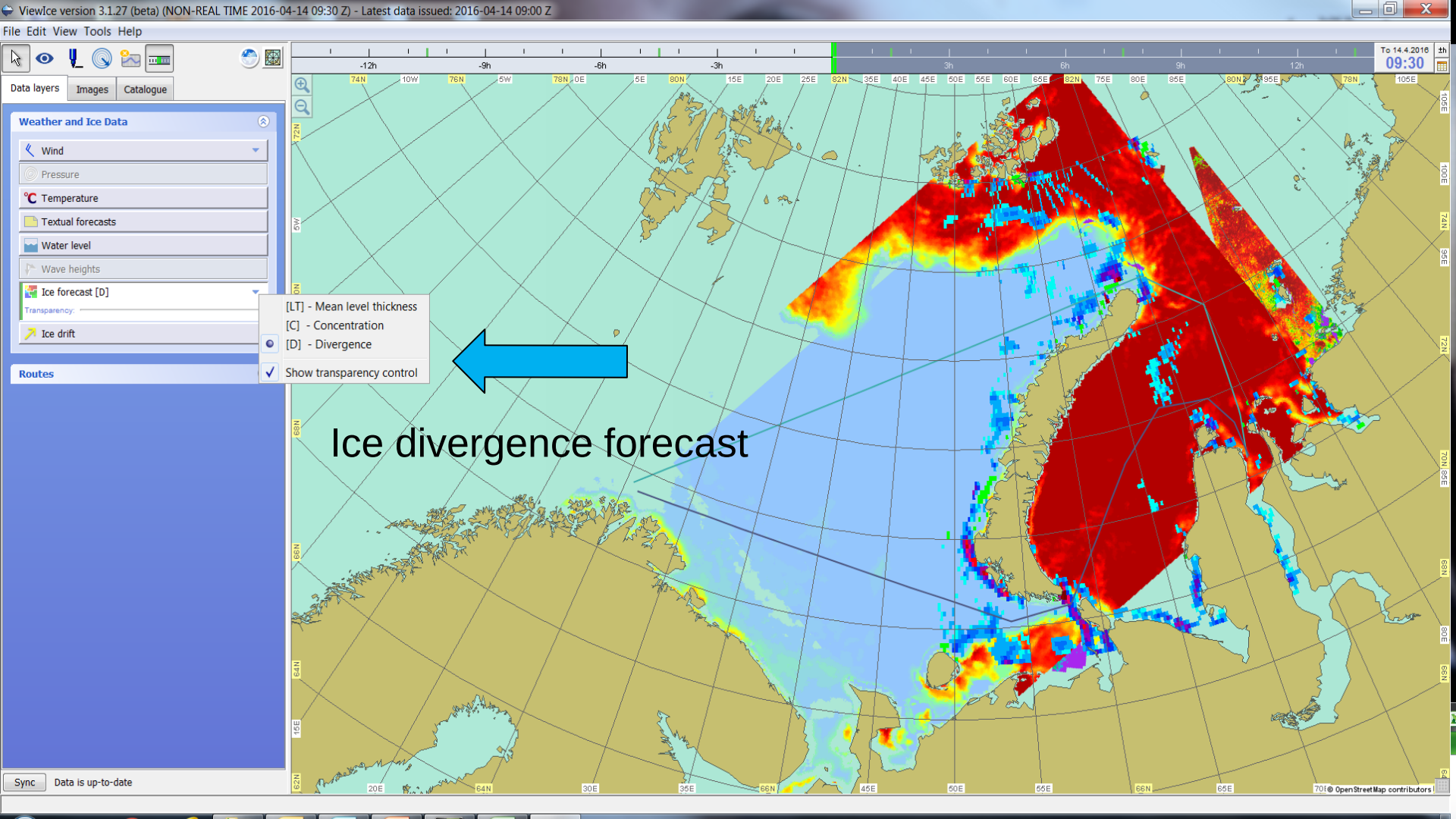
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 09:30 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [D]
Transparency:
Ice drift
Routes
[LT] - Mean level thickness
[C] - Concentration
[D] - Divergence
Show transparency control
Ice divergence forecast
To 14.4.2016
09:30
Sync
Data is up-to-date
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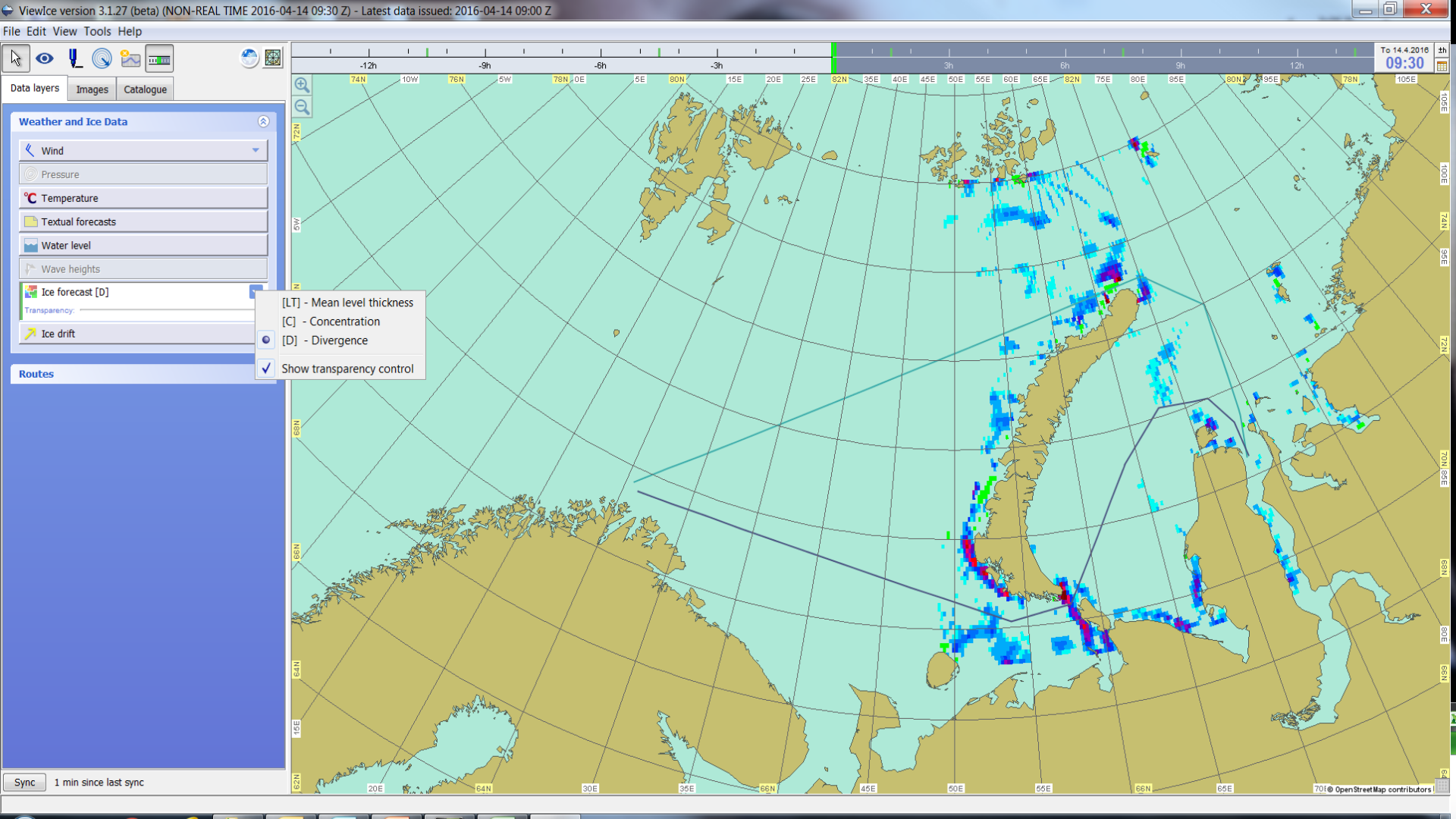

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 09:30 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [D]
Transparency:
Ice drift
[LT] - Mean level thickness
[C] - Concentration
[D] - Divergence
Show transparency control
Routes
Sync
1 min since last sync
To 14.4.2016
09:30
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 09:30 Z) - Latest data issued: 2016-04-14 09:00 Z

File Edit View Tools Help

LAT 70° 45.956' LON 58° 30.978'

Data layers | Images | Catalogue

Weather and Ice Data

- Wind
- Pressure
- Temperature
- Textual forecasts
- Water level
- Wave heights
- Ice forecast [D]
  - Transparency:
- Ice drift

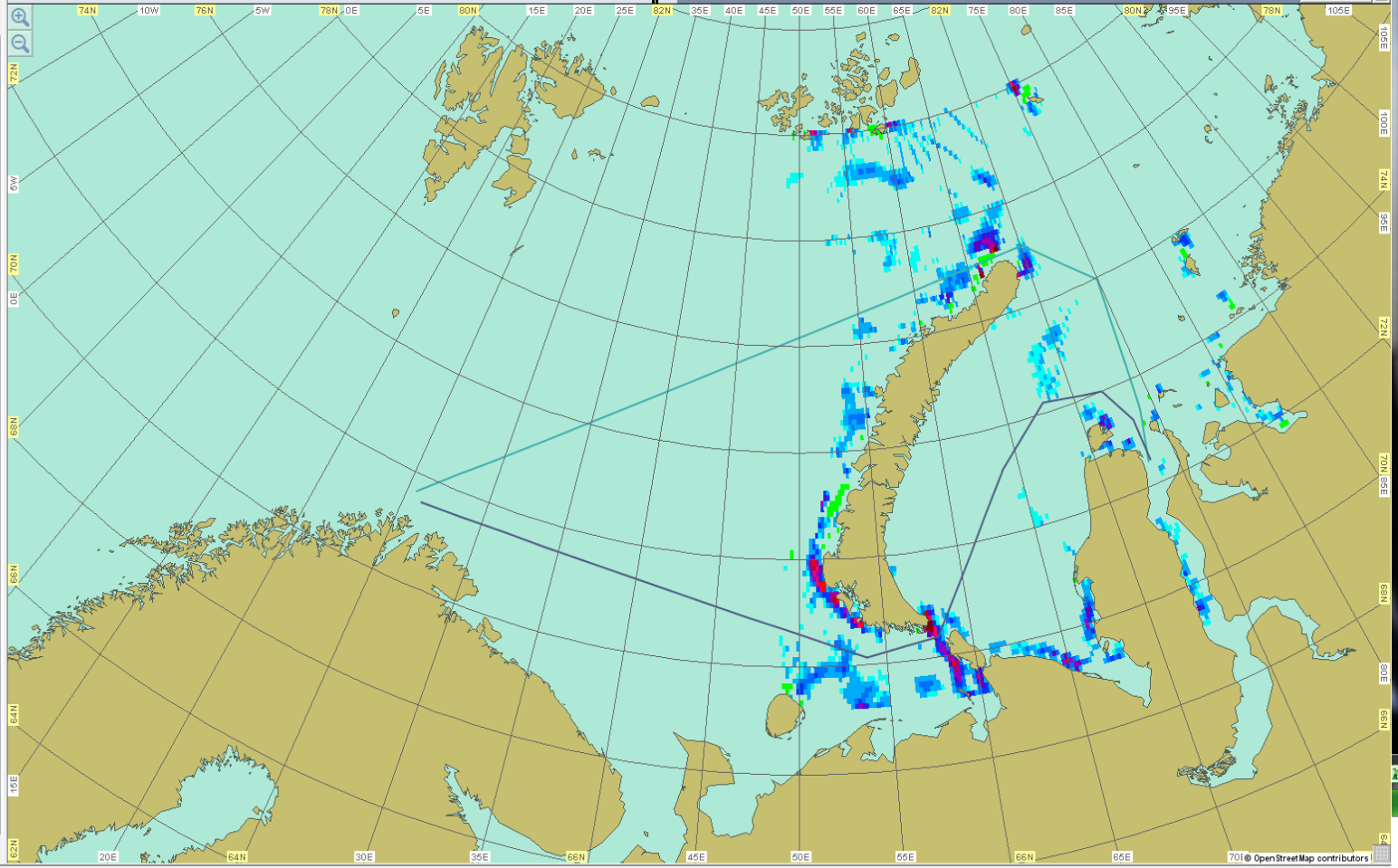
Routes

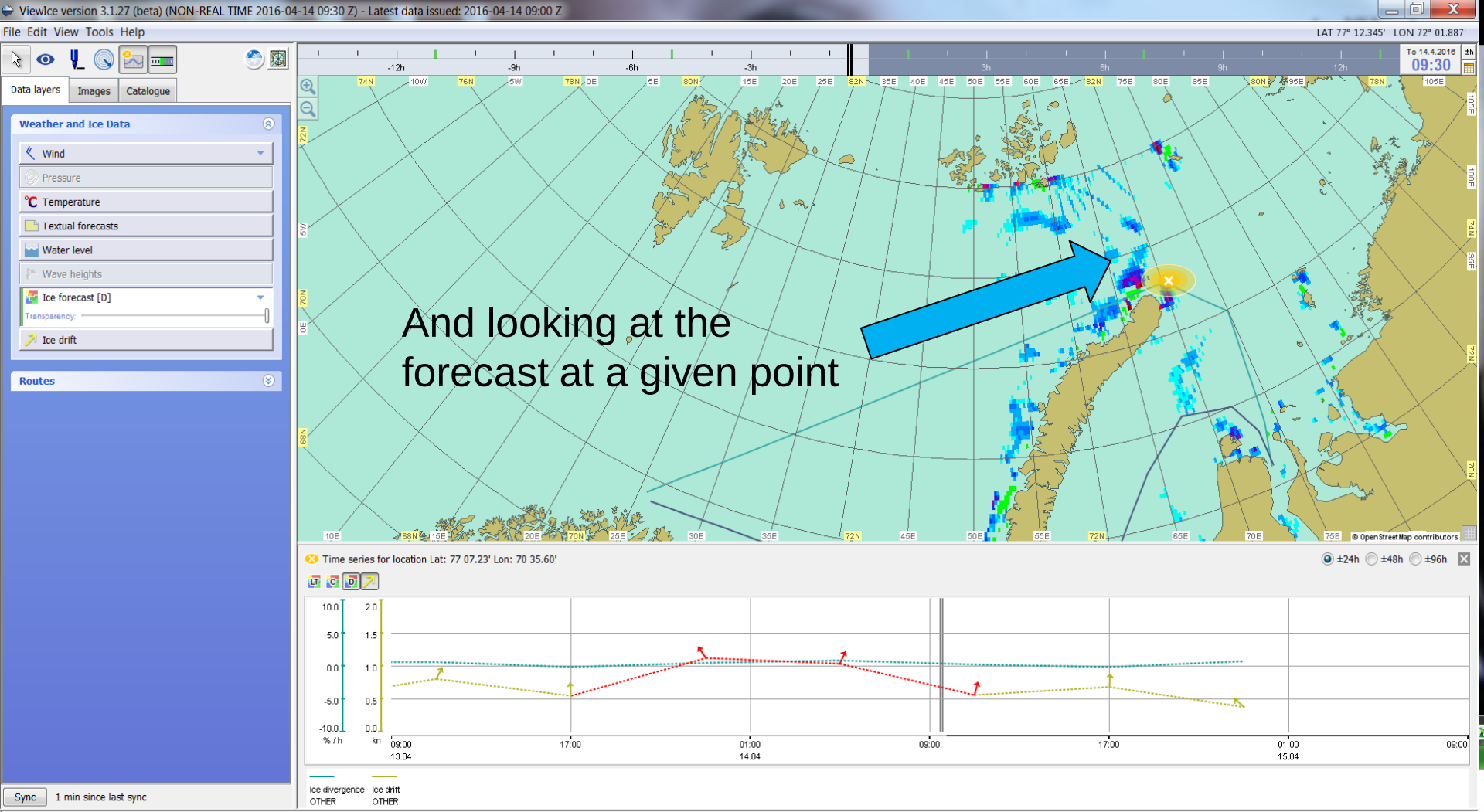
Sync | Data is up-to-date

Route5

-12h -9h -6h -3h | 3h 6h 9h 12h

To 14.4.2016 09:30




ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 09:30 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
LAT 77° 12.345' LON 72° 01.887'
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [D]
Transparency:
Ice drift
Routes
Sync
1 min since last sync
To 14.4.2016
09:30
And looking at the
forecast at a given point
Time series for location Lat: 77 07.23' Lon: 70 35.60'
±24h
±48h
±96h
10.0
5.0
0.0
-5.0
-10.0
% /h
2.0
1.5
1.0
0.5
0.0
kn
09:00
13.04
17:00
01:00
14.04
09:00
17:00
01:00
15.04
09:00
Ice divergence
OTHER
Ice drift
OTHER
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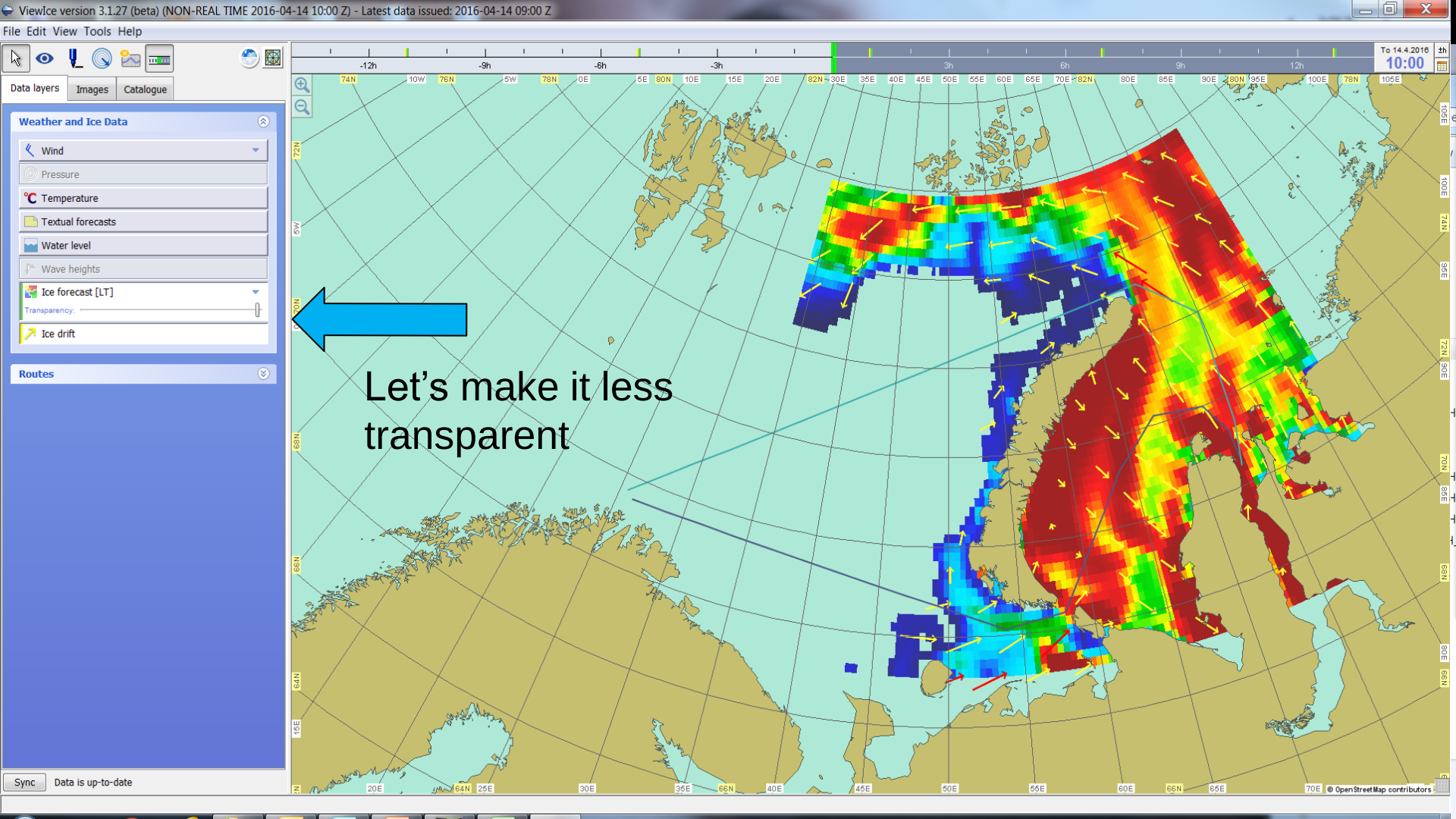
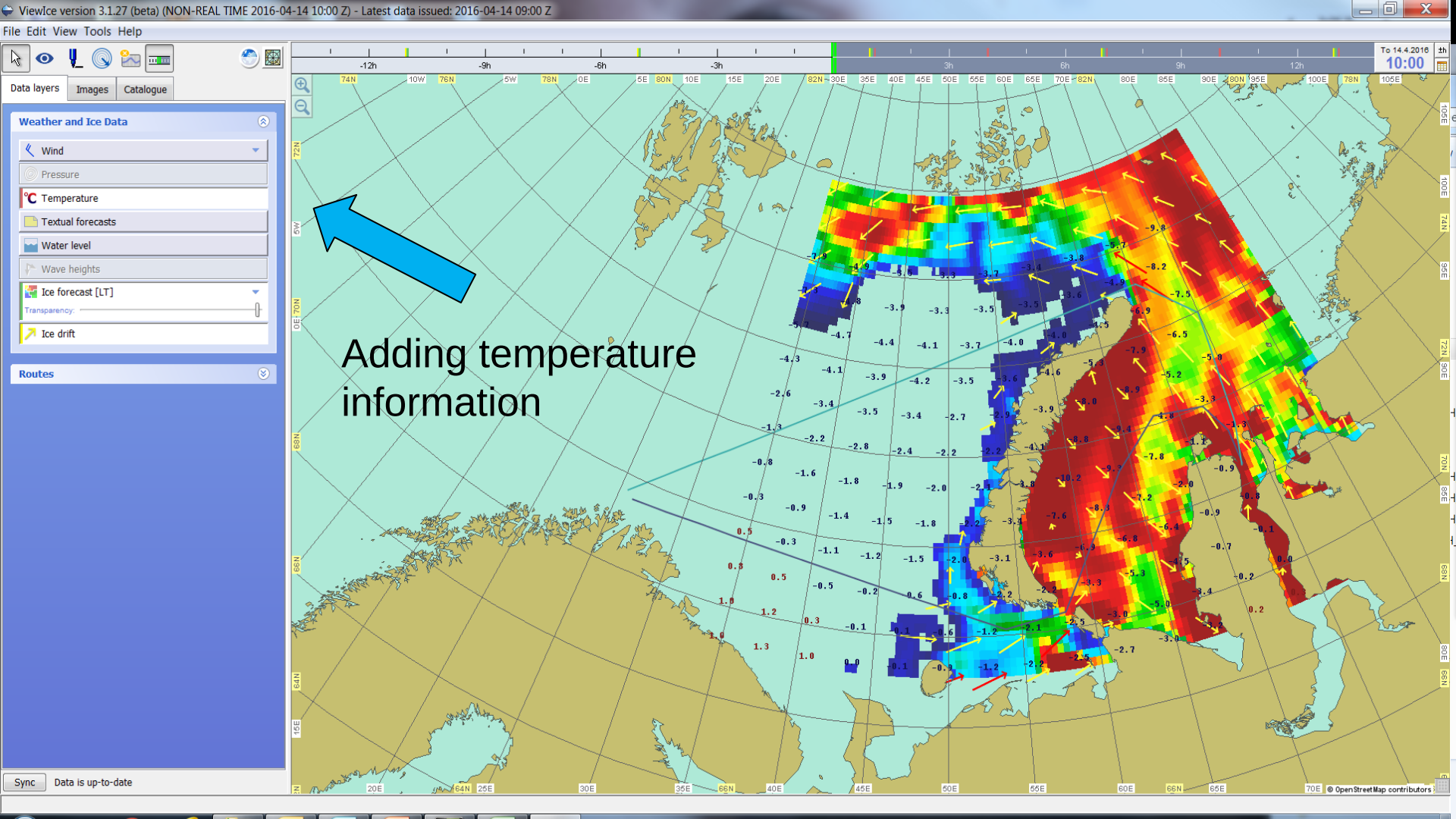
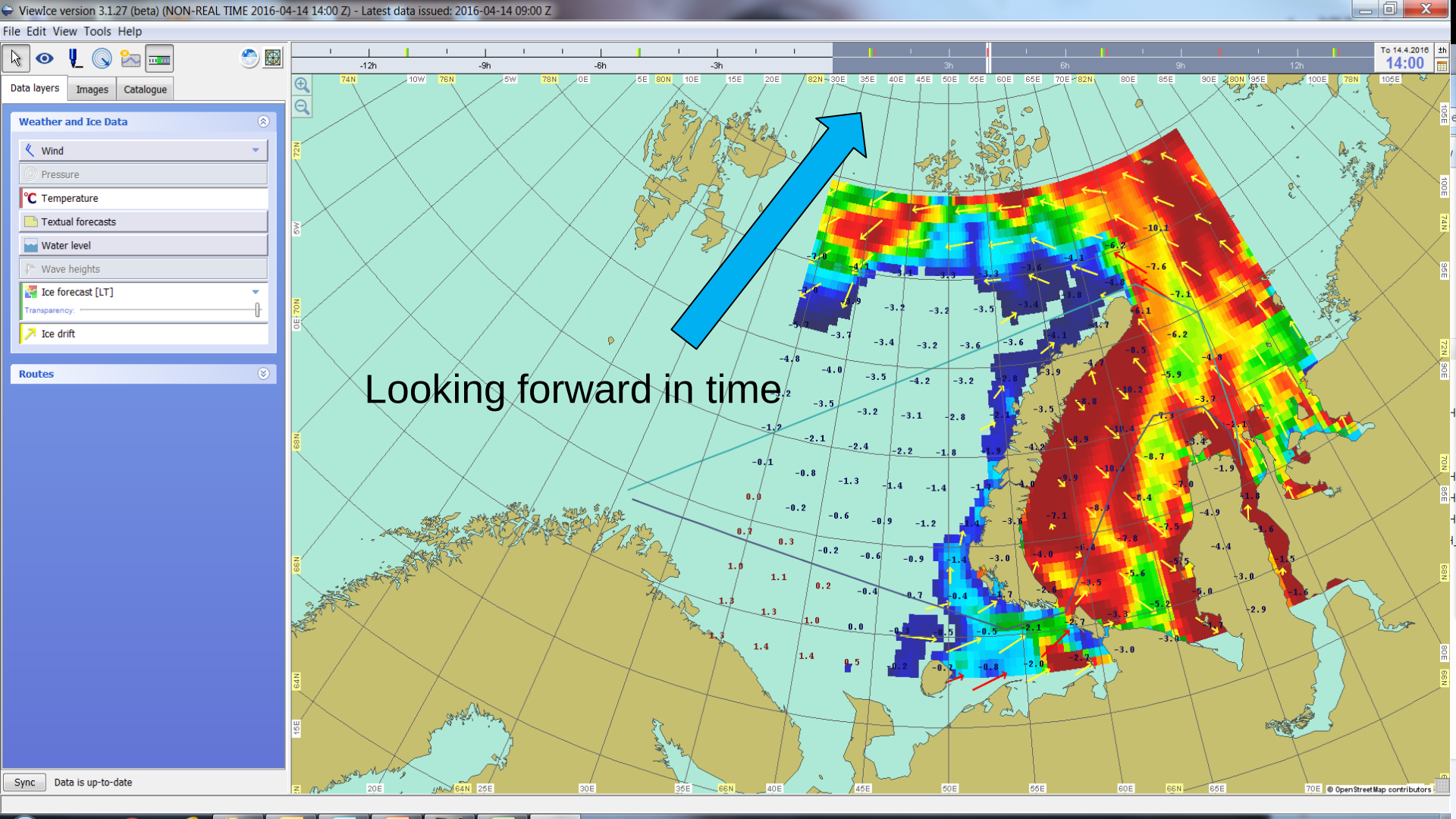

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 10:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
-12h
-9h
-6h
-3h
3h
6h
9h
12h
To 14.4.2016
10:00
Let’s make it less transparent
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 10:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
To 14.4.2016
10:00
Adding temperature information
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 14:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
-12h
-9h
-6h
-3h
3h
6h
9h
12h
To 14.4.2016
14:00
Looking forward in time
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 17:00 Z) - Latest data issued: 2016-04-14 09:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

Weather and Ice Data

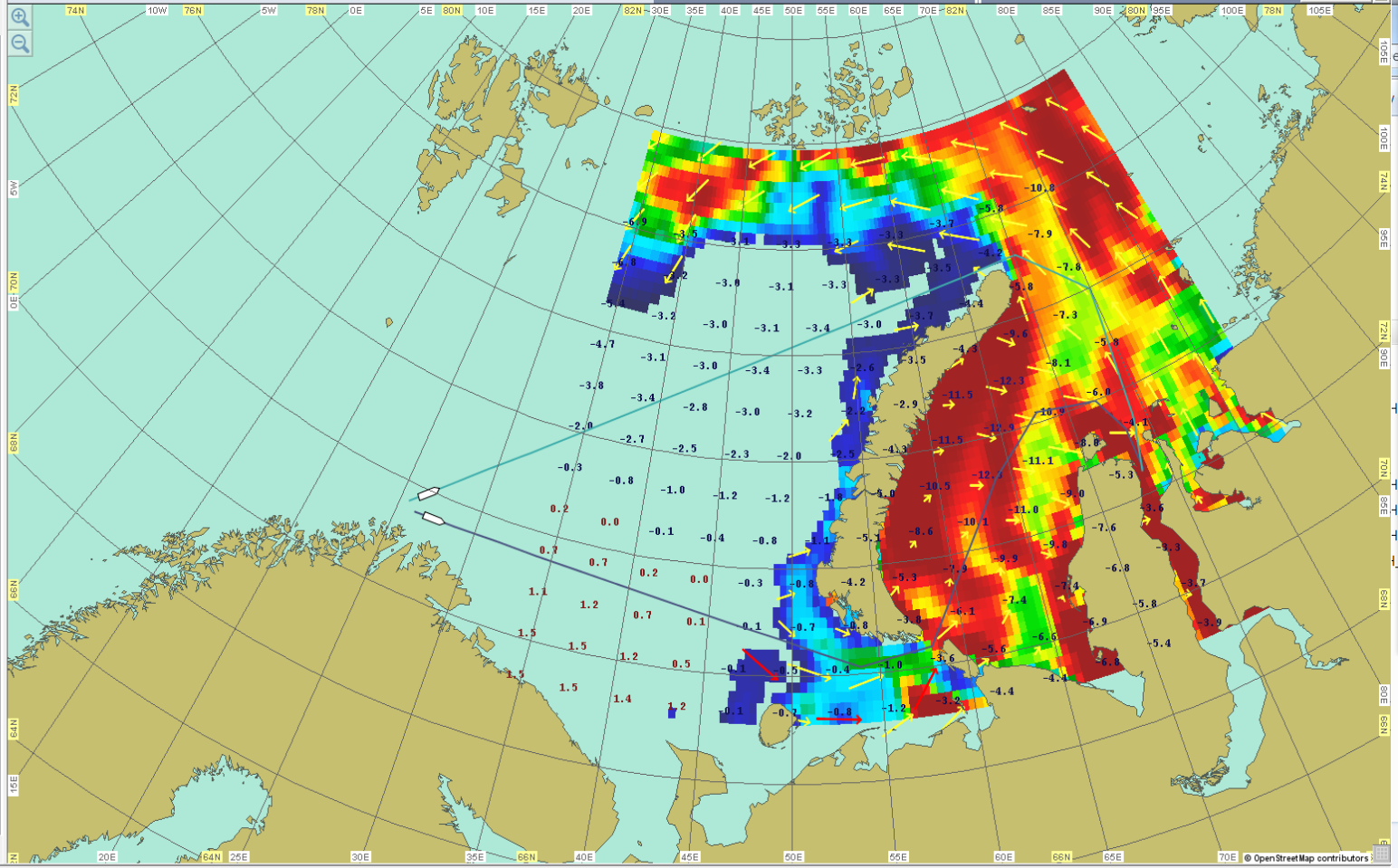
- Wind
- Pressure
- Temperature
- Textual forecasts
- Water level
- Wave heights
- Ice forecast [LT]
  - Transparency:
- Ice drift

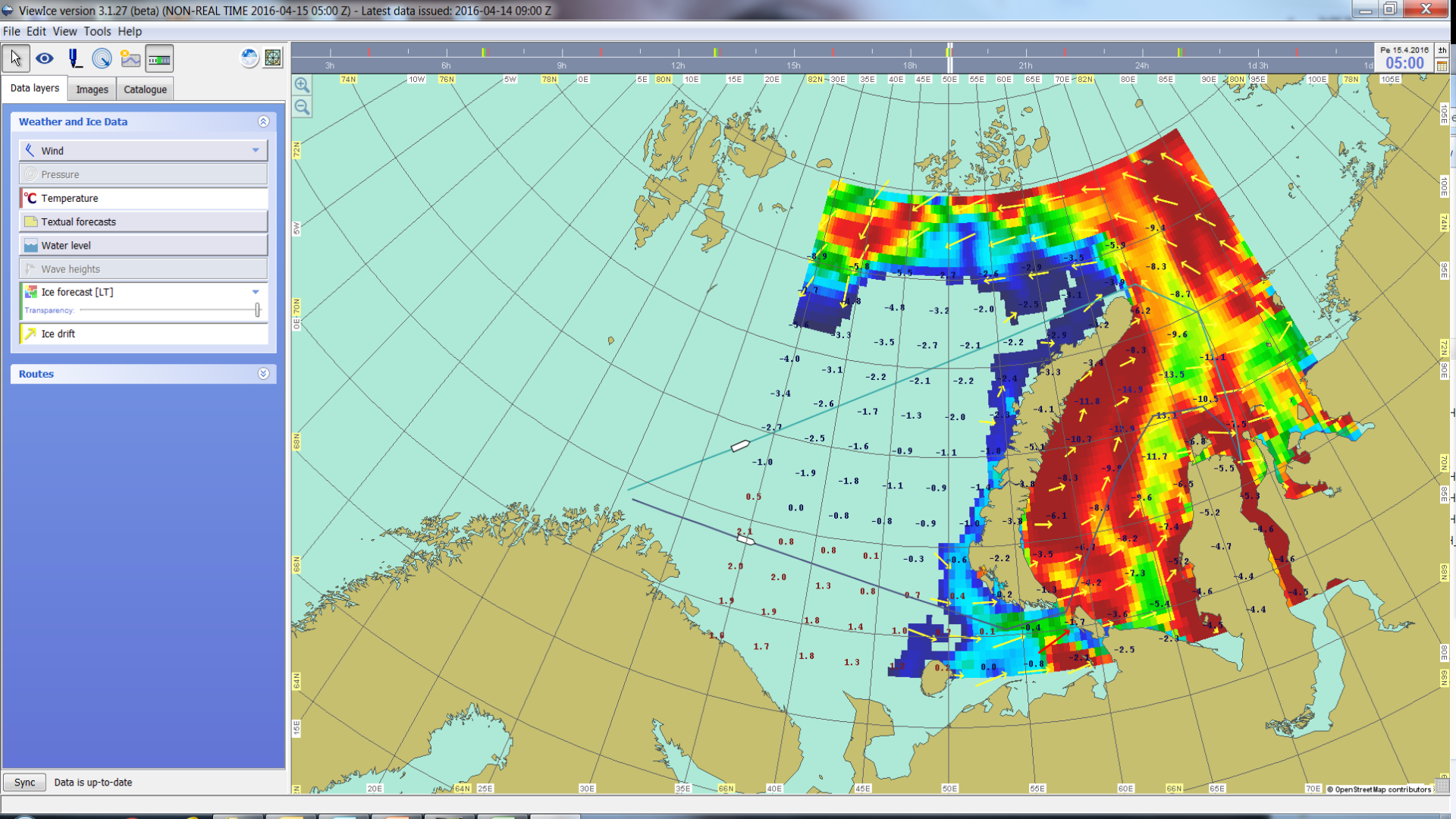
Routes

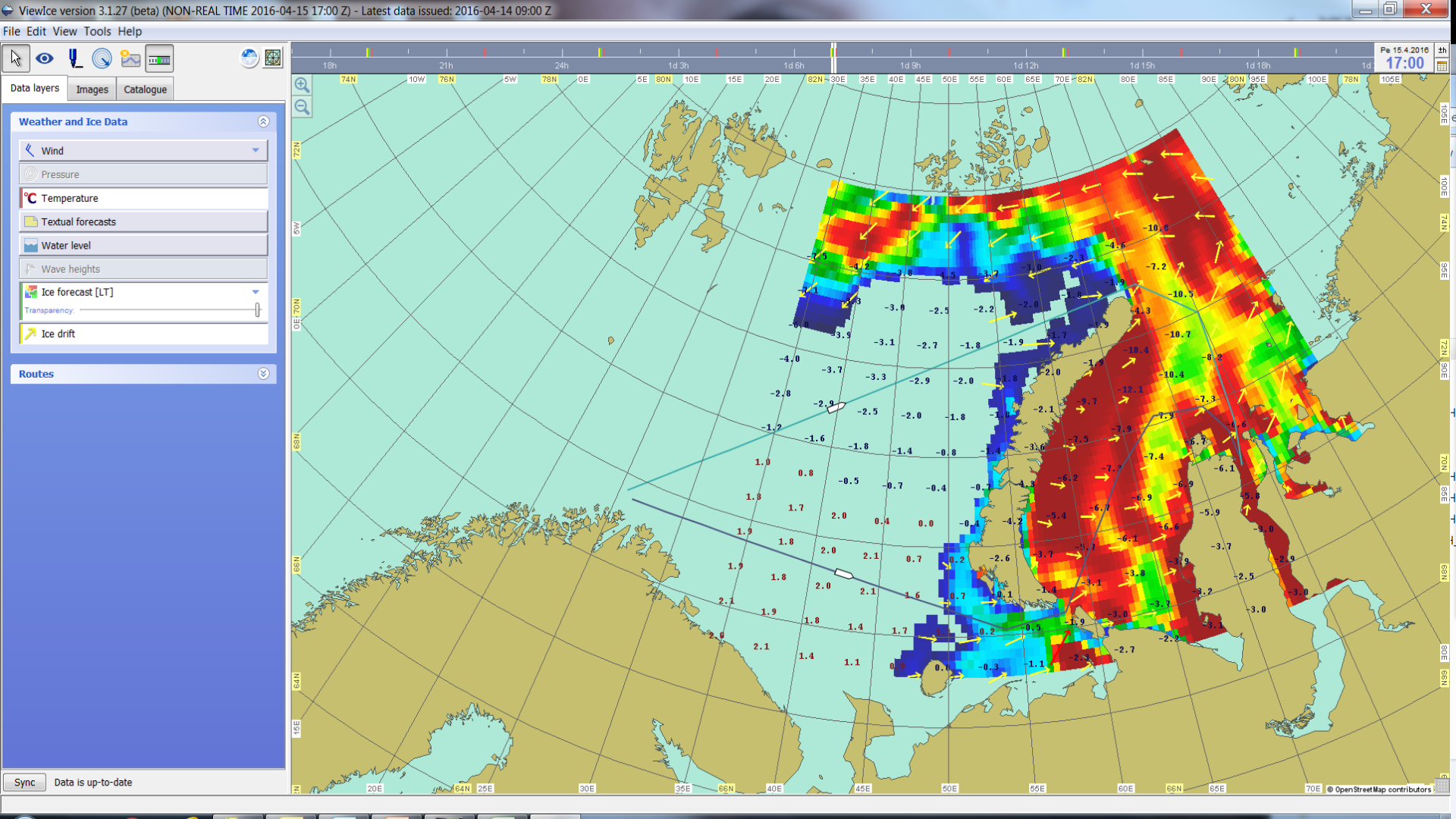
Sync | Data is up-to-date

-12h -9h -6h -3h 3h 6h 9h 12h

To 14.4.2016 17:00




ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-15 05:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
Pe 15.4.2016
05:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-15 17:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
Pe 15.4.2016
17:00
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 23:00 Z) - Latest data issued: 2016-04-14 09:00 Z

File Edit View Tools Help

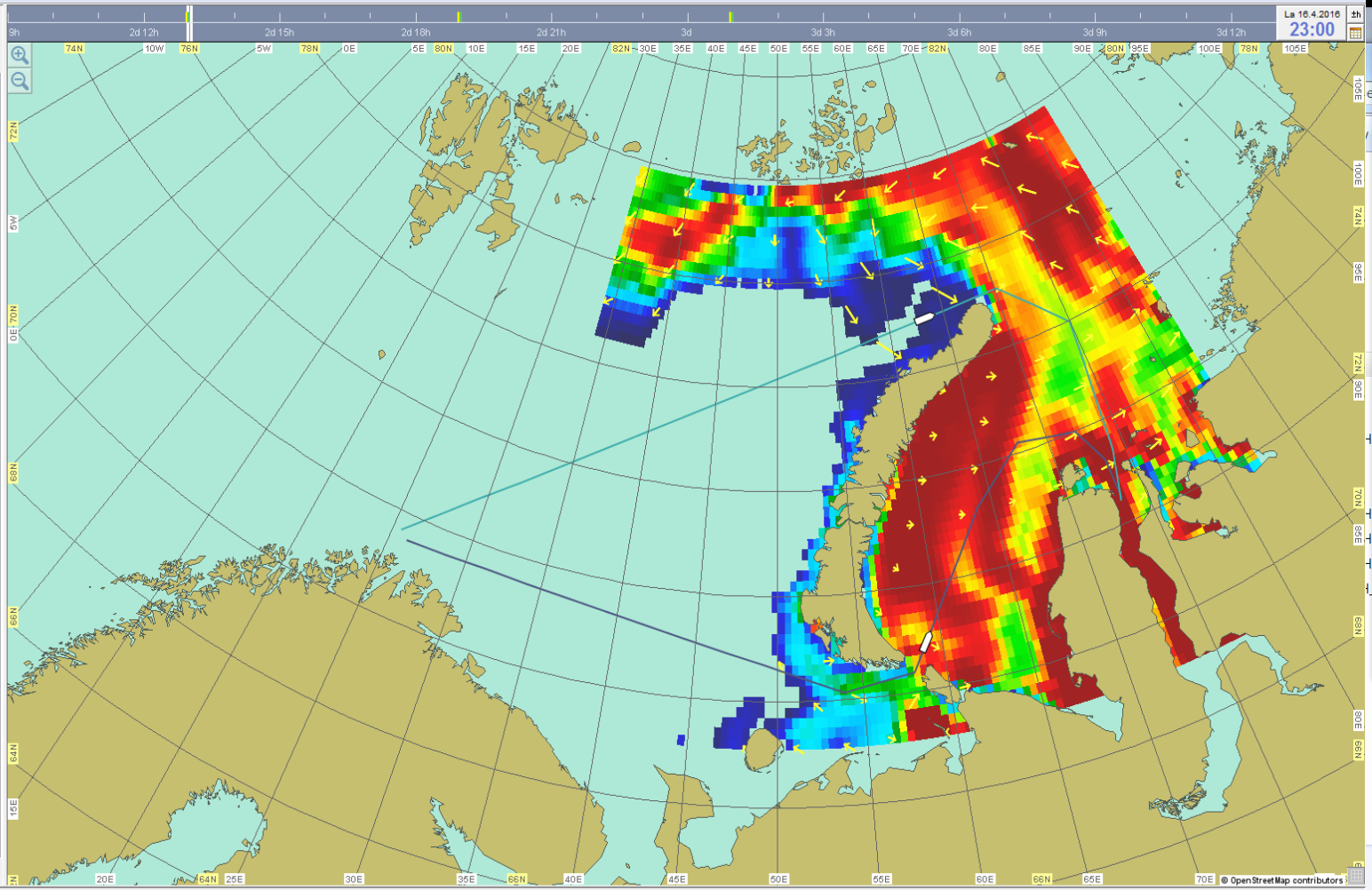
Data layers | Images | Catalogue

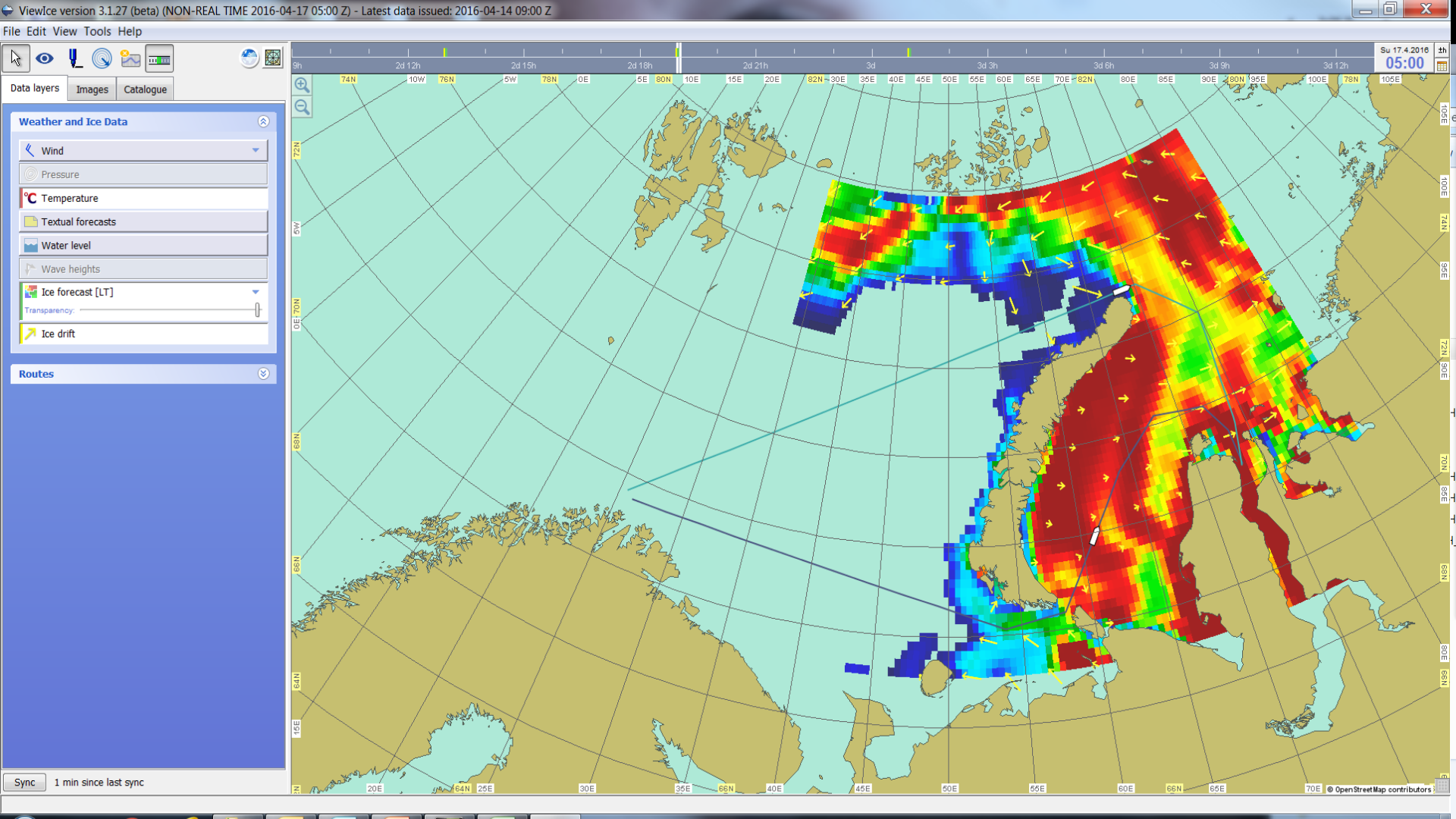
Weather and Ice Data

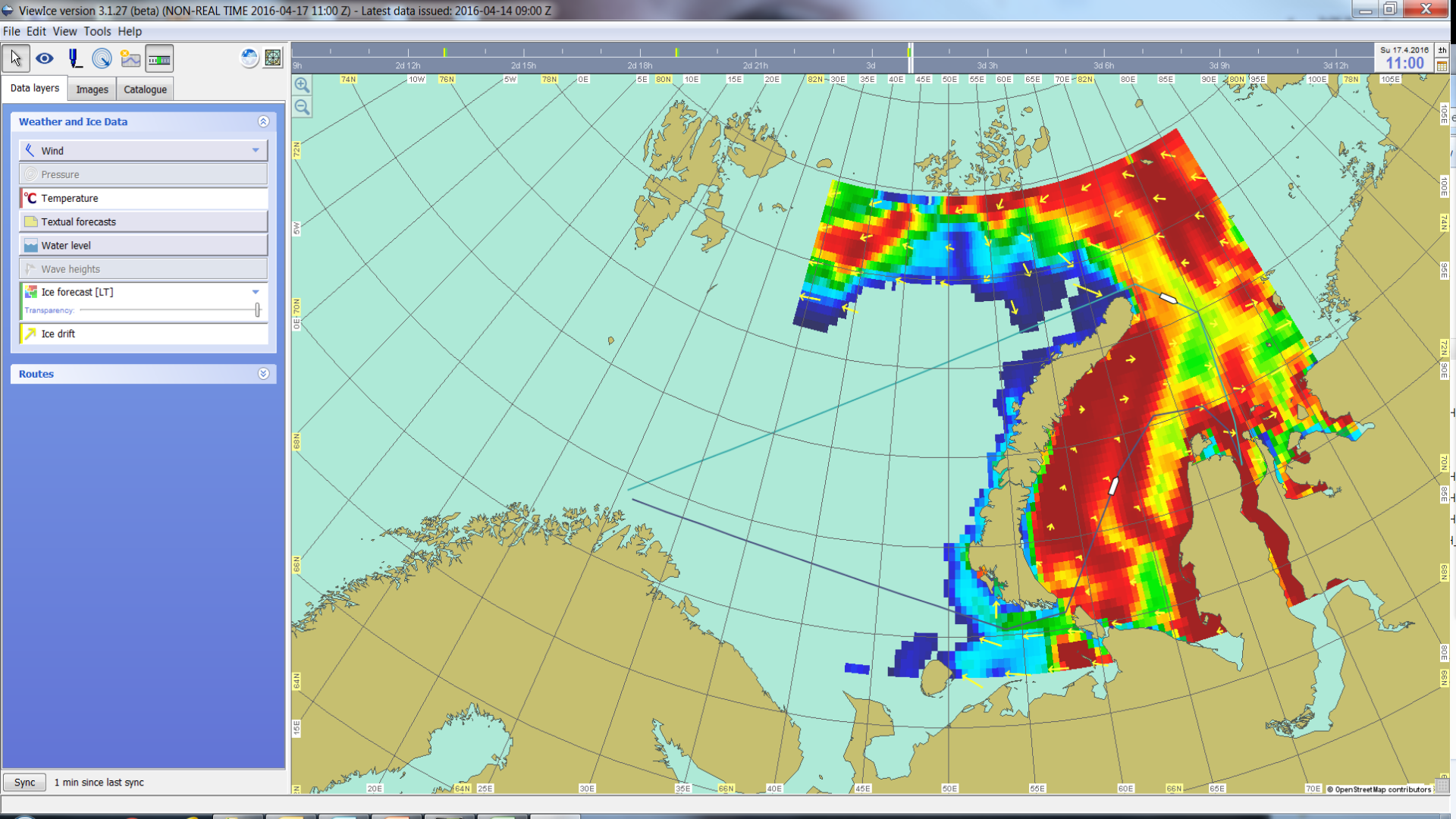
- Wind
- Pressure
- Temperature
- Textual forecasts
- Water level
- Wave heights
- Ice forecast [LT]
  - Transparency:
- Ice drift

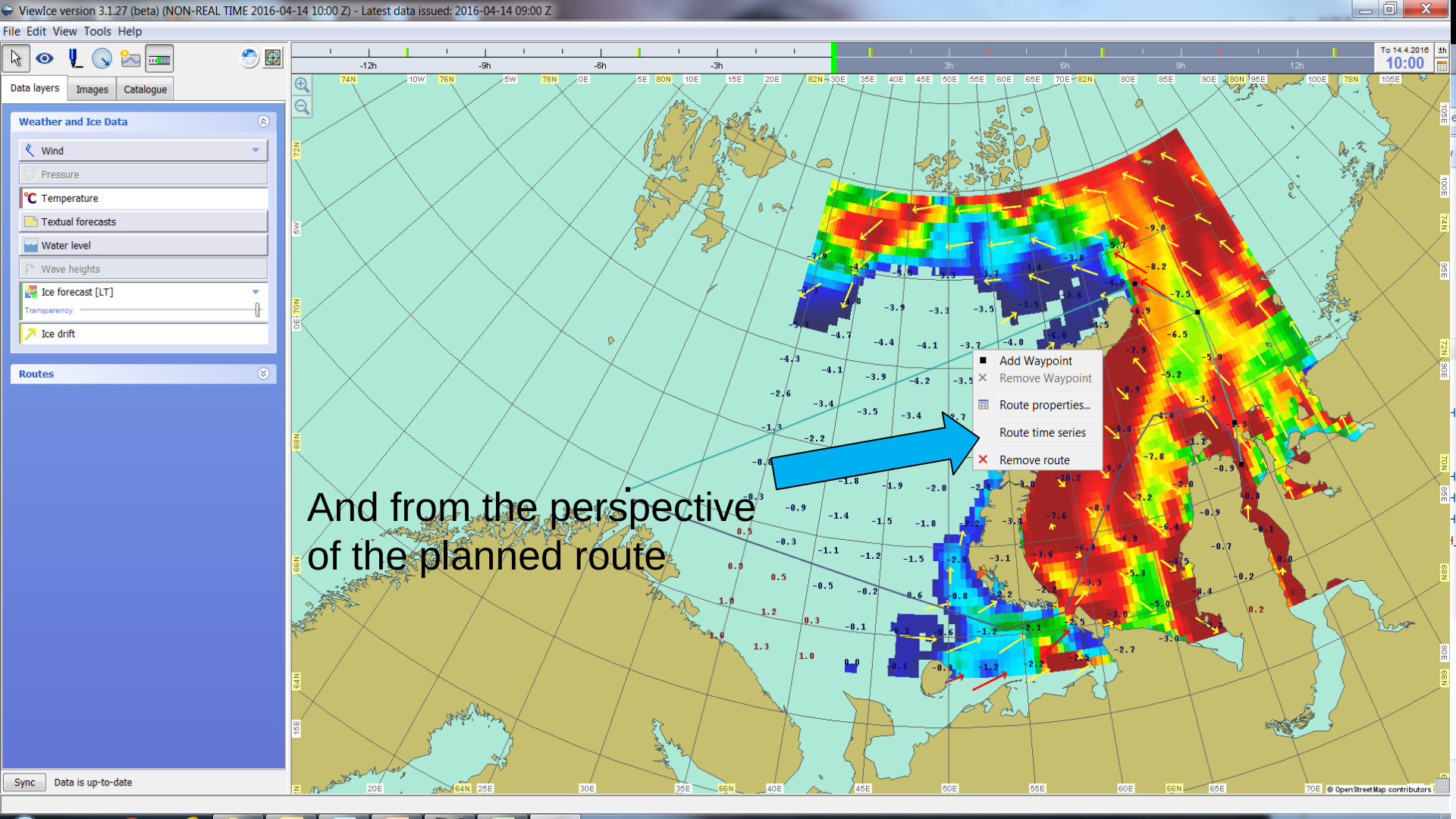
Routes

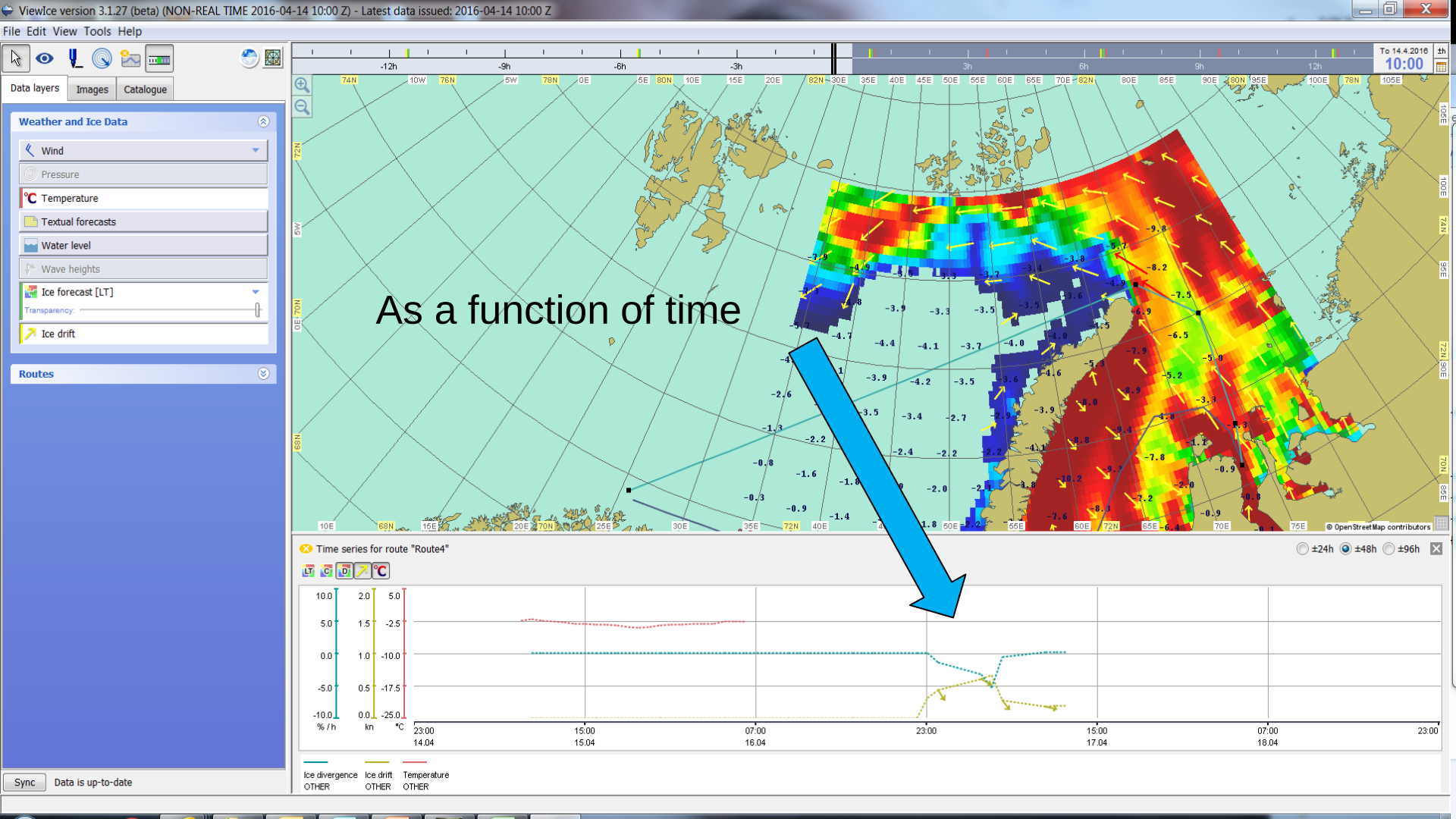
Sync | 1 min since last sync




ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 05:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
1 min since last sync
Su 17.4.2016
05:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 11:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
1 min since last sync
Su 17.4.2016
11:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 10:00 Z) - Latest data issued: 2016-04-14 09:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
To 14.4.2016
10:00
Add Waypoint
Remove Waypoint
Route properties...
Route time series
Remove route
And from the perspective
of the planned route
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 10:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
As a function of time
Time series for route "Route4"
±24h
±48h
±96h
% / h
kn
°C
23:00 14.04
15:00 15.04
07:00 16.04
23:00
15:00 17.04
07:00 18.04
23:00
Ice divergence OTHER
Ice drift OTHER
Temperature OTHER
To 14.4.2016 10:00
© OpenStreetMap contributors

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

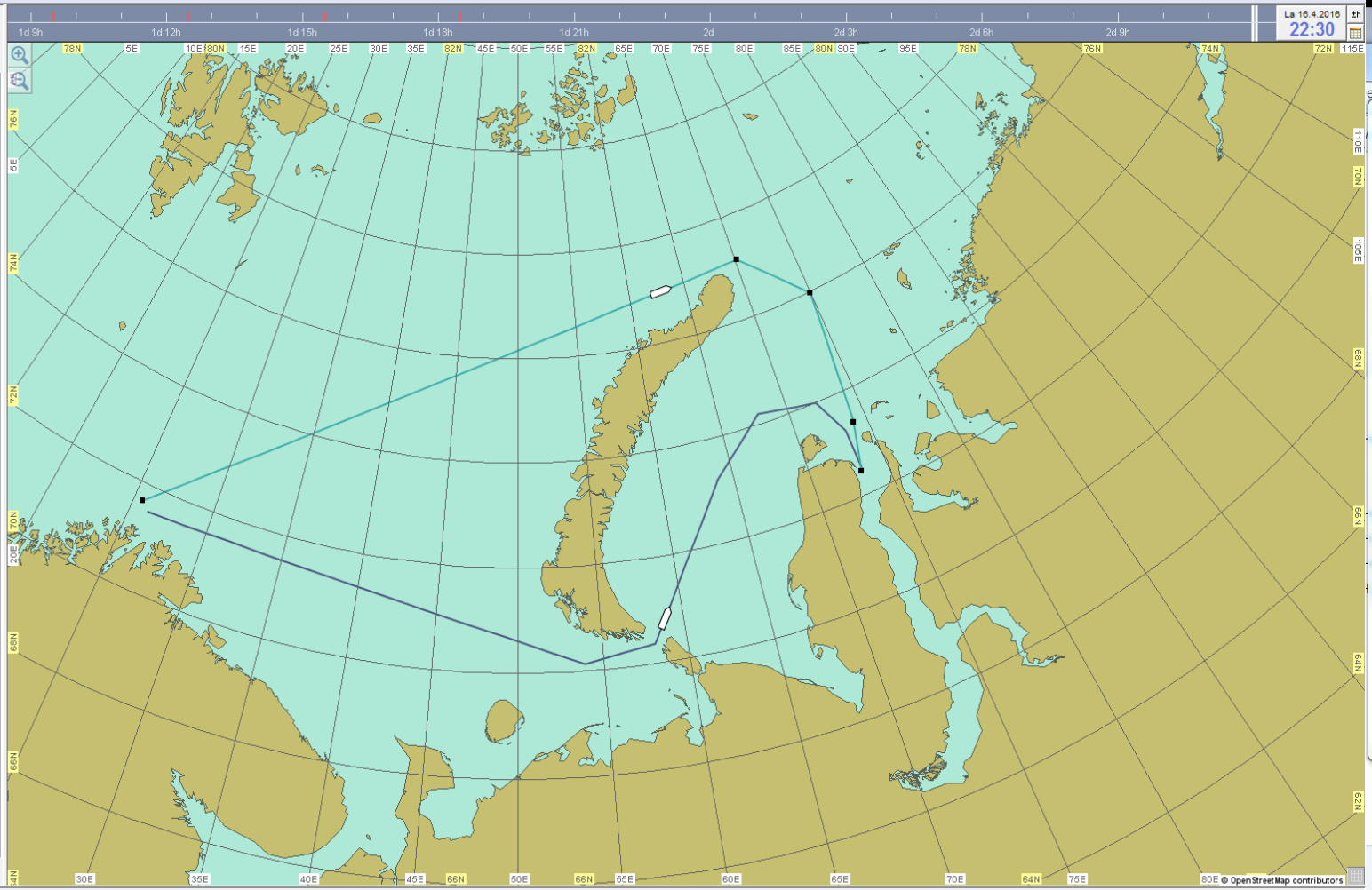
Data layers | Images | Catalogue

POLAR ICE Catalogue (filtered) | 47 min

Feed	Name
METNO	Ice chart - European Arctic
BAS	6h Sentinel-1 (EW) Arctic coverage
3h	Sentinel-1 EW-GRDM / HH-Pol image: ...
3h	Sentinel-1 EW-GRDM / HH-Pol image: ...
5h	Sentinel-1 EW-GRDM / HH-Pol image: ...
5h	Sentinel-1 EW-GRDM / HH-Pol image: ...
5h	Sentinel-1 EW-GRDM / HH-Pol image: ...
6h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
10h	Sentinel-1 EW-GRDM / HH-Pol image: ...
11h	Sentinel-1 EW-GRDM / HH-Pol image: ...
18h	Sentinel-1 EW-GRDM / HH-Pol image: ...
18h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
21h	Sentinel-1 EW-GRDM / HH-Pol image: ...
21h	Sentinel-1 EW-GRDM / HH-Pol image: ...
23h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 2h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 4h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 4h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 4h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 4h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 5h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 17h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 19h	Sentinel-1 EW-GRDM / HH-Pol image: ...

Subscriptions (0 active)

Sync Data is up-to-date



ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

LAT 73° 49.548' LON 62° 05.054'

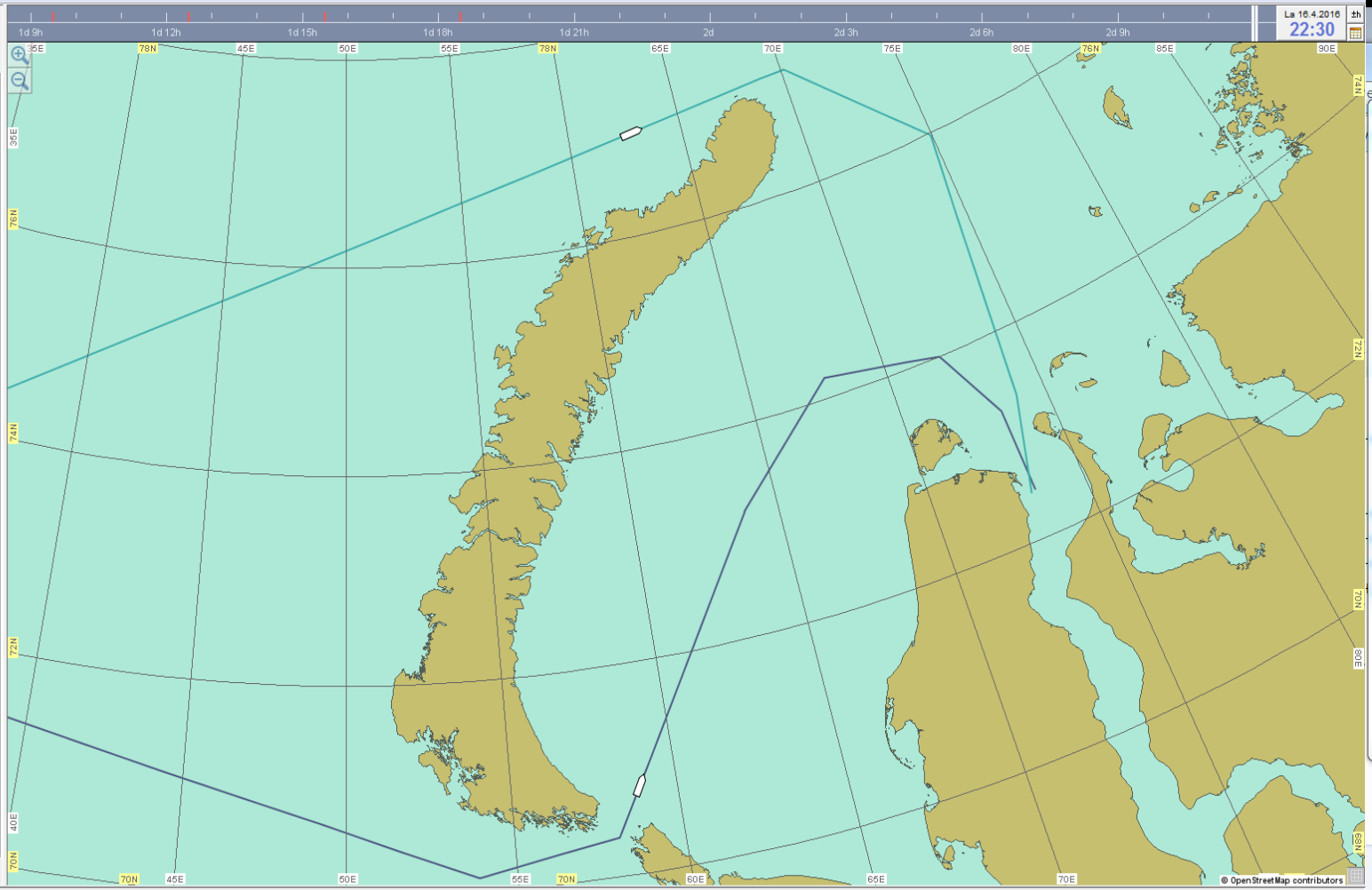
Data layers | Images | Catalogue

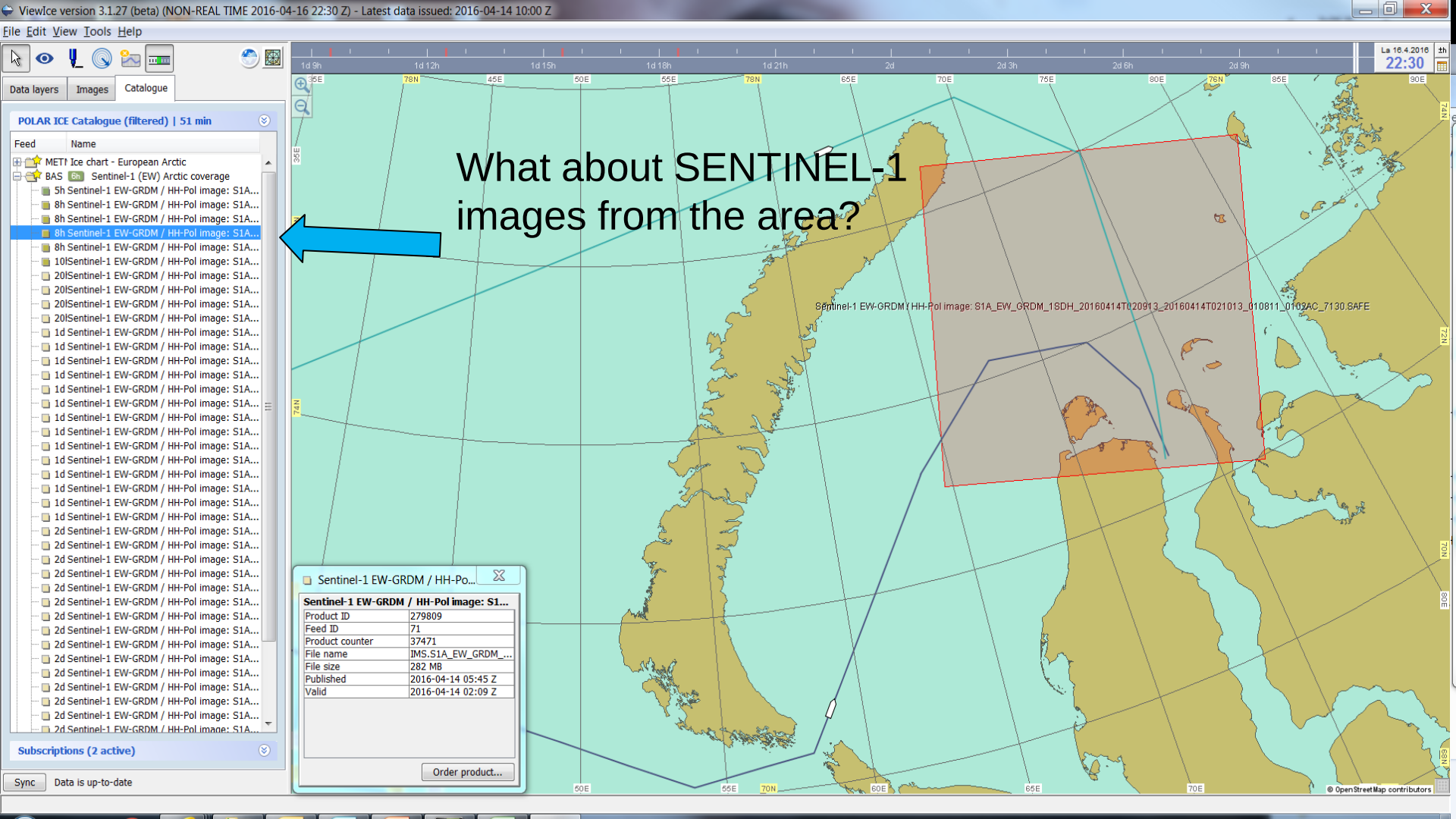
POLAR ICE Catalogue (filtered) | 47 min

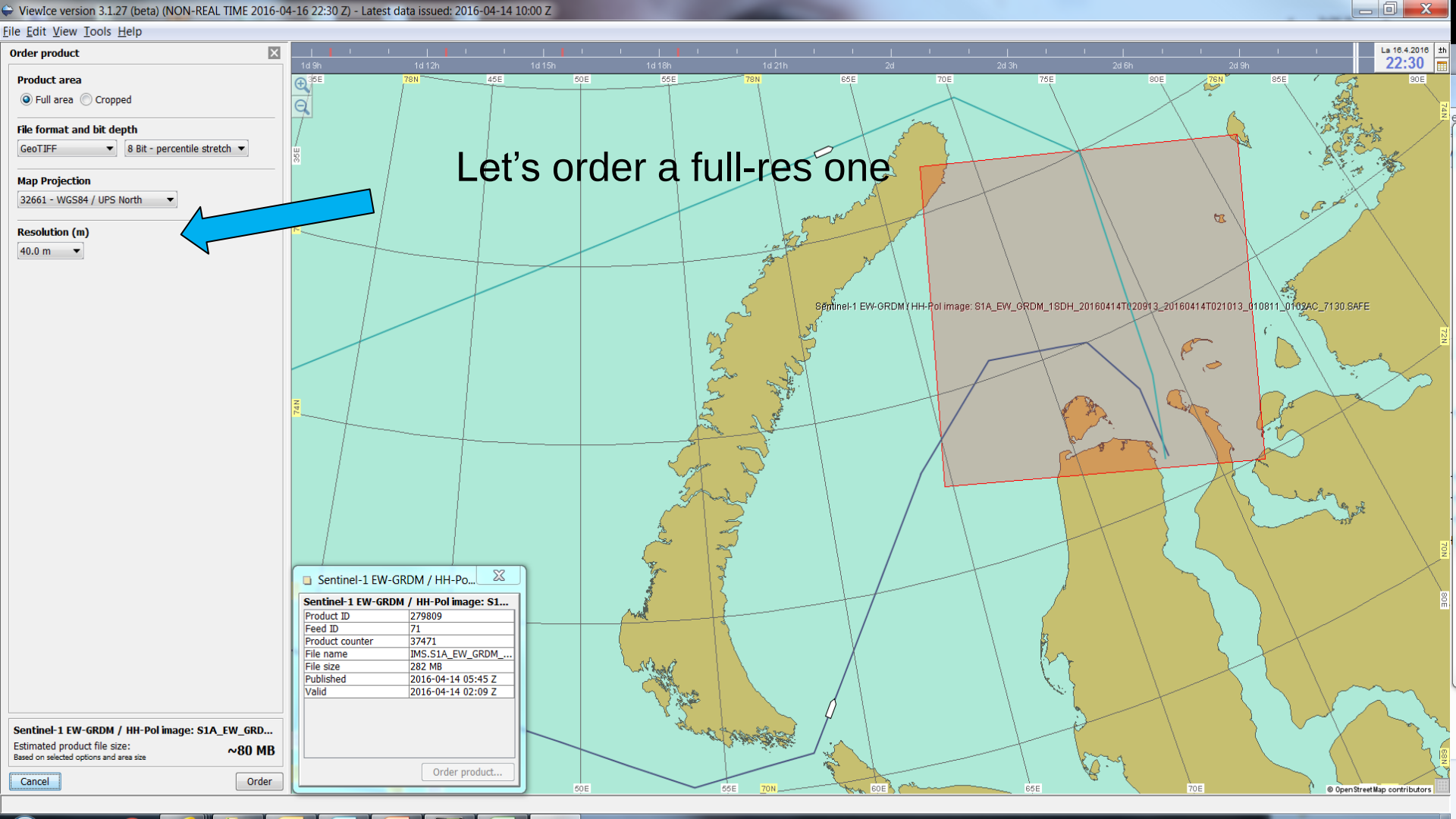
Feed	Name
METNO	Ice chart - European Arctic
BAS	6h Sentinel-1 (EW) Arctic coverage
5h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
10h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 7h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 20h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 22h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 22h	Sentinel-1 EW-GRDM / HH-Pol image: ...
1d 22h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 4h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 6h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 6h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 6h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 8h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 9h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 19h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 19h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 19h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 19h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 21h	Sentinel-1 EW-GRDM / HH-Pol image: ...
2d 21h	Sentinel-1 EW-GRDM / HH-Pol image: ...

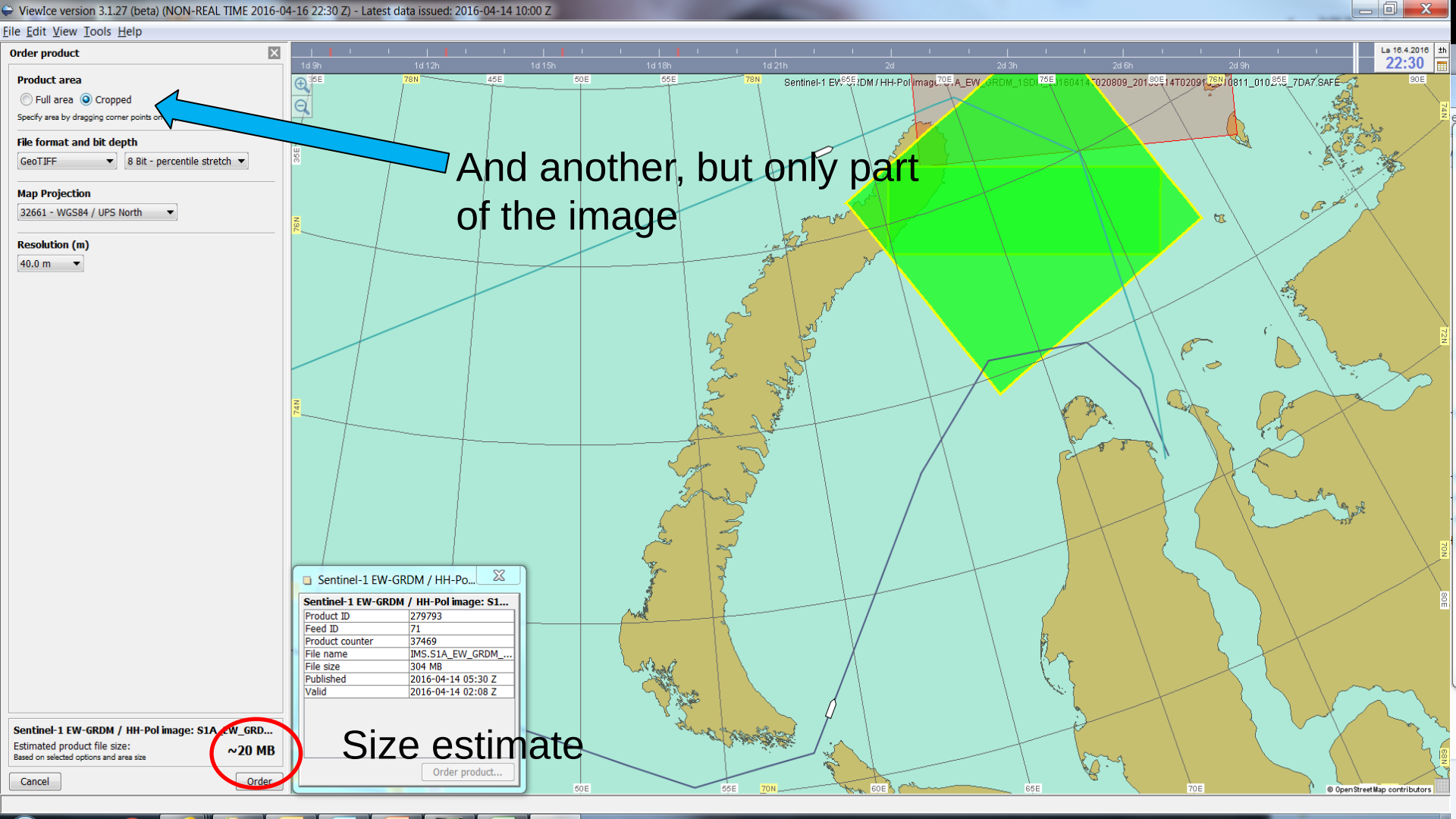
Subscriptions (0 active)

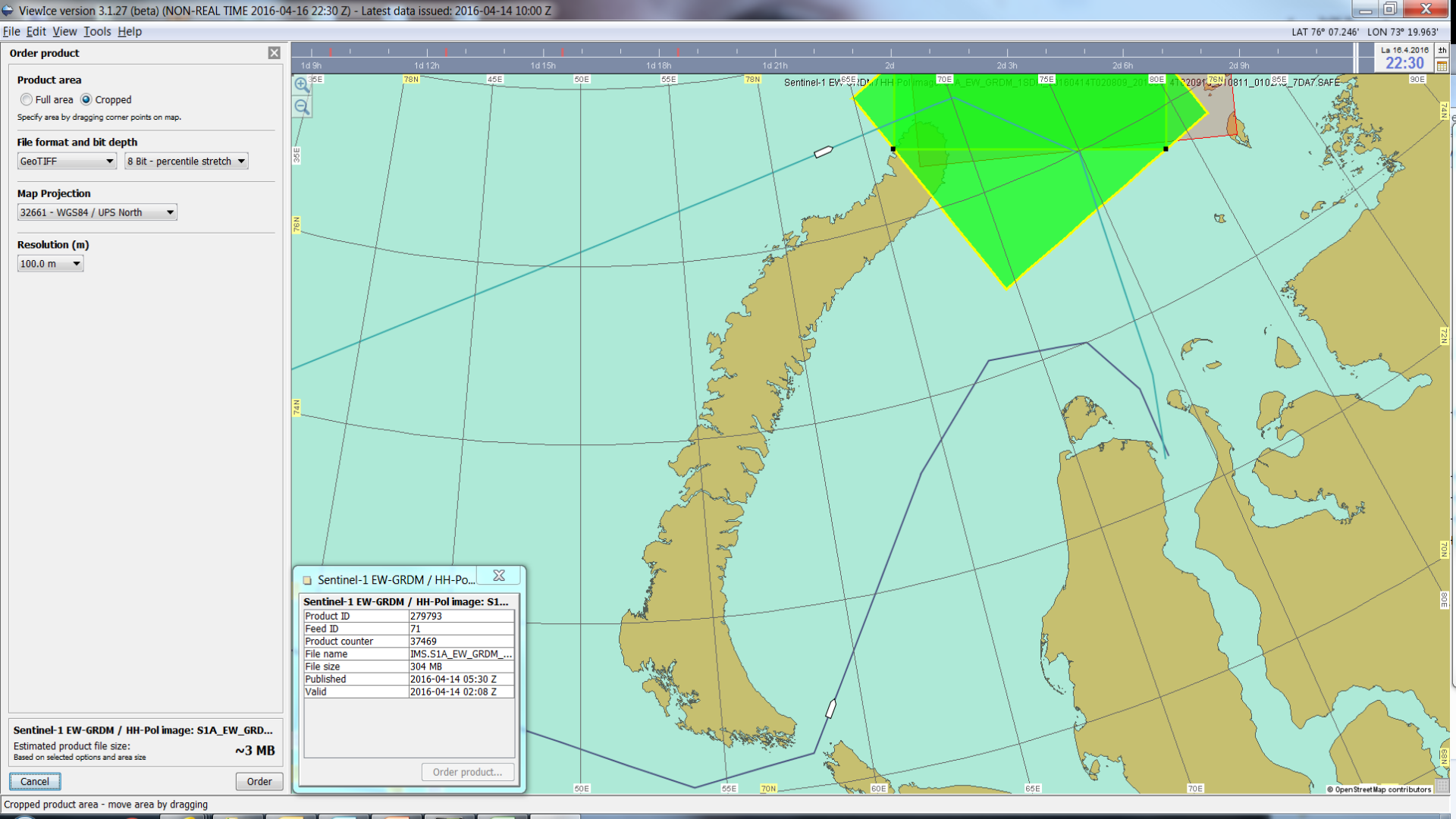
Sync | 1 min since last sync

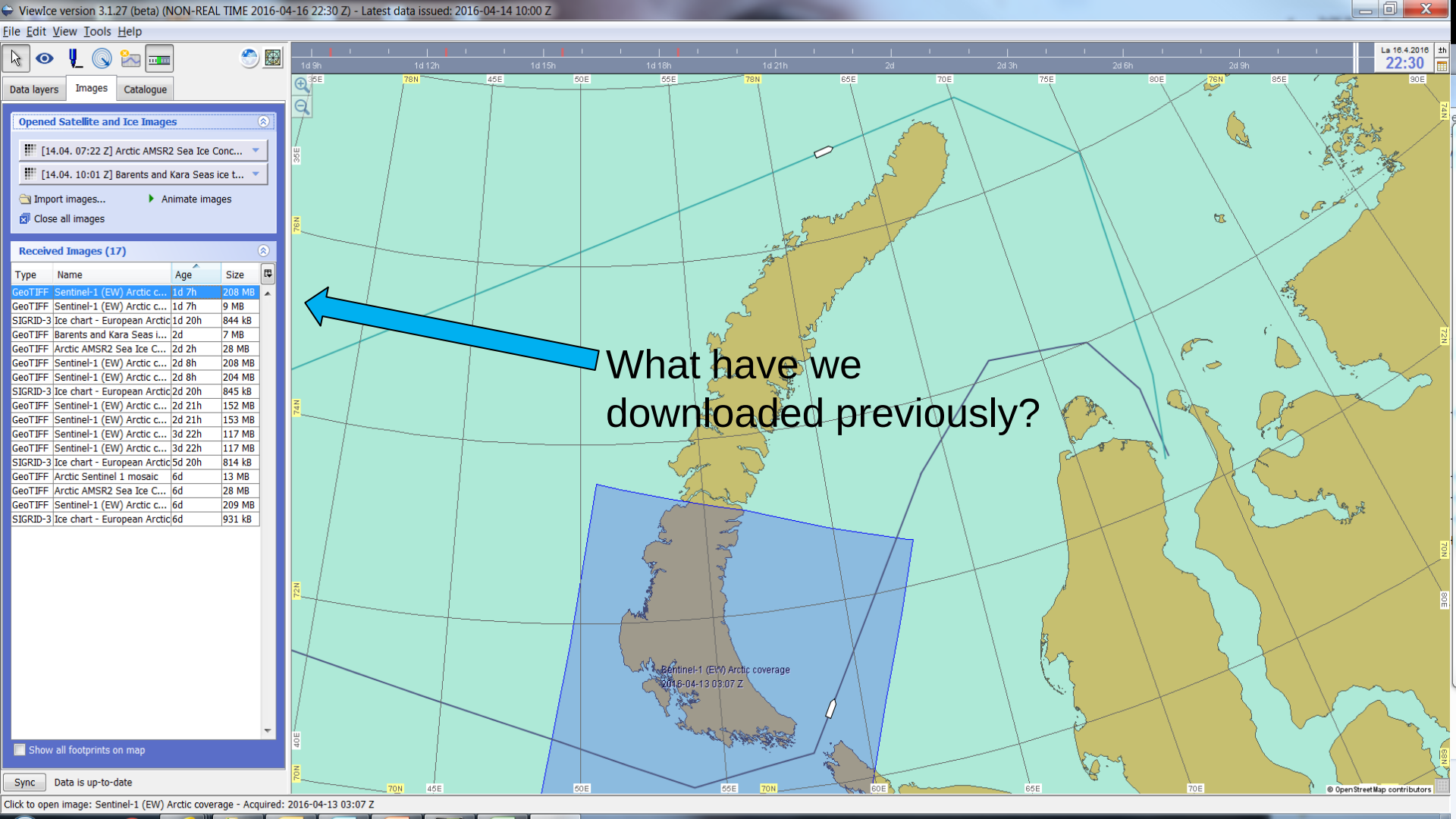



ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
POLAR ICE Catalogue (filtered) | 51 min
Feed
Name
METI Ice chart - European Arctic
BAS 6h Sentinel-1 (EW) Arctic coverage
5h Sentinel-1 EW-GRDM / HH-Pol image: S1A...
8h Sentinel-1 EW-GRDM / HH-Pol image: S1A...
8h Sentinel-1 EW-GRDM / HH-Pol image: S1A...
8h Sentinel-1 EW-GRDM / HH-Pol image: S1A...
8h Sentinel-1 EW-GRDM / HH-Pol image: S1A...
10l Sentinel-1 EW-GRDM / HH-Pol image: S1A...
20l Sentinel-1 EW-GRDM / HH-Pol image: S1A...
20l Sentinel-1 EW-GRDM / HH-Pol image: S1A...
20l Sentinel-1 EW-GRDM / HH-Pol image: S1A...
20l Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
1d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
2d Sentinel-1 EW-GRDM / HH-Pol image: S1A...
Subscriptions (2 active)
Sync
Data is up-to-date
What about SENTINEL-1 images from the area?
Sentinel-1 EW-GRDM / HH-Pol image: S1A_EW_GRDM_1SDH_20160414T020913_20160414T021013_010811_0102AC_7130.SAFE
Sentinel-1 EW-GRDM / HH-Po...
Sentinel-1 EW-GRDM / HH-Pol image: S1...
Product ID 279809
Feed ID 71
Product counter 37471
File name IMS.S1A_EW_GRDM_...
File size 282 MB
Published 2016-04-14 05:45 Z
Valid 2016-04-14 02:09 Z
Order product...
La 16.4.2016
22:30
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Order product
Product area
Full area
Cropped
File format and bit depth
GeoTIFF
8 Bit - percentile stretch
Map Projection
32661 - WGS84 / UPS North
Resolution (m)
40.0 m
Let's order a full-res one
Sentinel-1 EW-GRDM / HH-Pol image: S1A_EW_GRDM_1SDH_20160414T020913_20160414T021013_010811_0102AC_7130.SAFE
Sentinel-1 EW-GRDM / HH-Po...
Sentinel-1 EW-GRDM / HH-Pol image: S1...
Product ID 279809
Feed ID 71
Product counter 37471
File name IMS.S1A_EW_GRDM_...
File size 282 MB
Published 2016-04-14 05:45 Z
Valid 2016-04-14 02:09 Z
Order product...
Sentinel-1 EW-GRDM / HH-Pol image: S1A_EW_GRD...
Estimated product file size:
Based on selected options and area size
~80 MB
Cancel
Order
La 16.4.2016
22:30
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Order product
Product area
Full area
Cropped
Specify area by dragging corner points on
File format and bit depth
GeoTIFF
8 Bit - percentile stretch
Map Projection
32661 - WGS84 / UPS North
Resolution (m)
40.0 m
And another, but only part of the image
Sentinel-1 EW-GRDM / HH-Pol image: S1A_EW_GRD...
Estimated product file size:
Based on selected options and area size
~20 MB
Cancel
Order
Sentinel-1 EW-GRDM / HH-Po...
Sentinel-1 EW-GRDM / HH-Pol image: S1...
Product ID 279793
Feed ID 71
Product counter 37469
File name IMS.S1A_EW_GRDM_...
File size 304 MB
Published 2016-04-14 05:30 Z
Valid 2016-04-14 02:08 Z
Order product...
Size estimate
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
LAT 76° 07.246' LON 73° 19.963'
Order product
Product area
Full area
Cropped
Specify area by dragging corner points on map.
File format and bit depth
GeoTIFF
8 Bit - percentile stretch
Map Projection
32661 - WGS84 / UPS North
Resolution (m)
100.0 m
Sentinel-1 EW-GRDM / HH-Pol image: S1A_EW_GRD...
Estimated product file size:
Based on selected options and area size
~3 MB
Cancel
Order
Sentinel-1 EW-GRDM / HH-Po...
Sentinel-1 EW-GRDM / HH-Pol image: S1...
Product ID 279793
Feed ID 71
Product counter 37469
File name IMS.S1A_EW_GRDM_...
File size 304 MB
Published 2016-04-14 05:30 Z
Valid 2016-04-14 02:08 Z
Order product...
La 16.4.2016
22:30
© OpenStreetMap contributors
Cropped product area - move area by dragging


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (17)
Type Name Age Size
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 7h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 1d 7h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
GeoTIFF Arctic Sentinel 1 mosaic 6d 13 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 6d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 6d 209 MB
SIGRID-3 Ice chart - European Arctic 6d 931 kB
Show all footprints on map
Sync
Data is up-to-date
What have we downloaded previously?
Sentinel-1 (EW) Arctic coverage
2016-04-13 03:07 Z
La 16.4.2016
22:30
© OpenStreetMap contributors
Click to open image: Sentinel-1 (EW) Arctic coverage - Acquired: 2016-04-13 03:07 Z

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

Opened Satellite and Ice Images

[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...

Transparency:

[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...

[14.04. 10:01 Z] Barents and Kara Seas ice t...

Import images... Animate images

Close all images

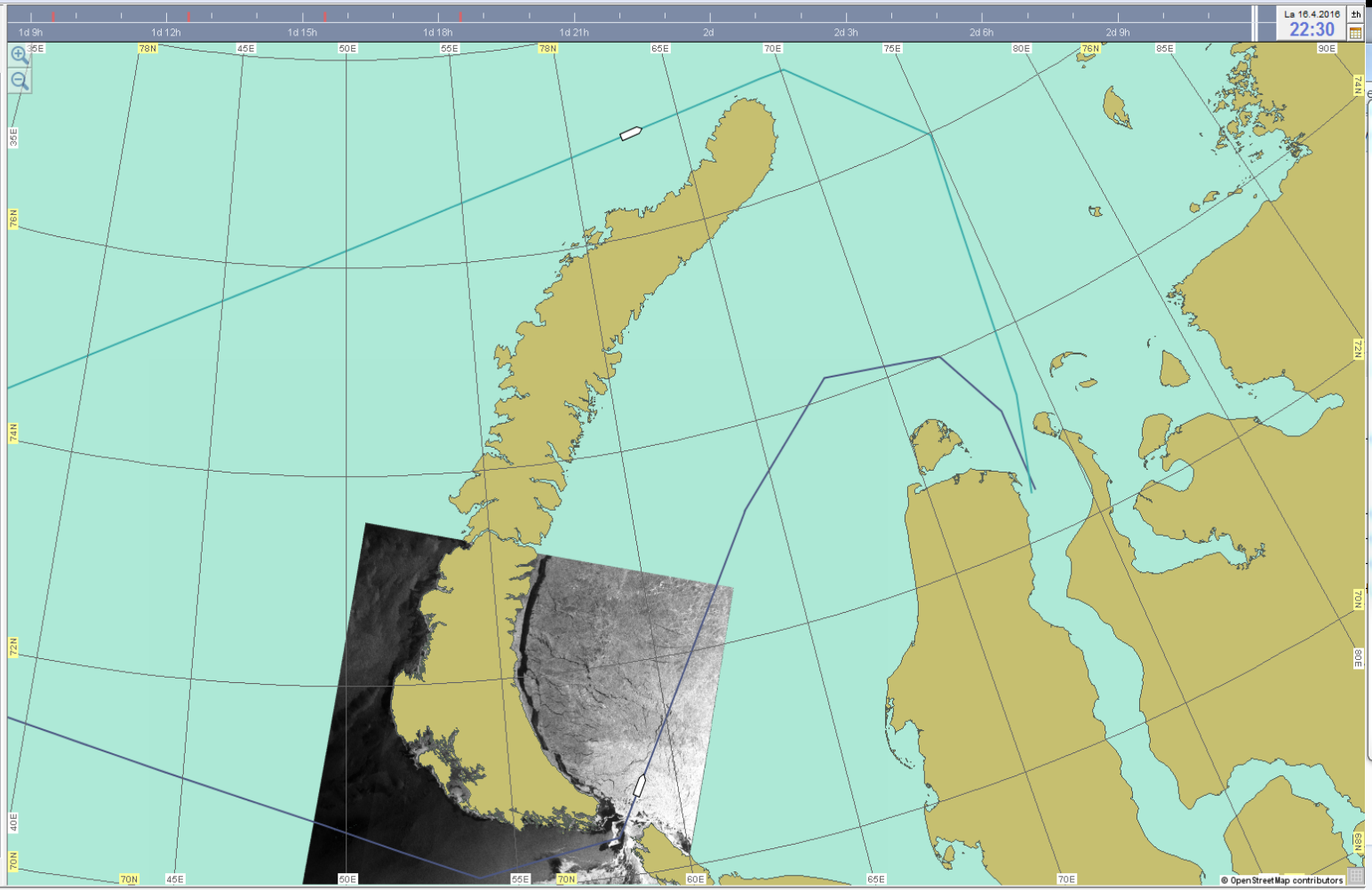
Received Images (16)

16 images on the current map area

Type	N		
GeoTIFF	Sentinel-1 (EW) Arctic c...	1d 7h	9 MB
SIGRID-3	Ice chart - European Arctic	1d 20h	844 kB
GeoTIFF	Barents and Kara Seas i...	2d	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d 2h	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 20h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	152 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 20h	814 kB
GeoTIFF	Arctic Sentinel 1 mosaic	6d	13 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	6d	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	6d	209 MB
SIGRID-3	Ice chart - European Arctic	6d	931 kB

Show all footprints on map

Sync 1 min since last sync



ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

Opened Satellite and Ice Images

[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...

Transparency:

[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...

[14.04. 10:01 Z] Barents and Kara Seas ice t...

Import images... Animate images

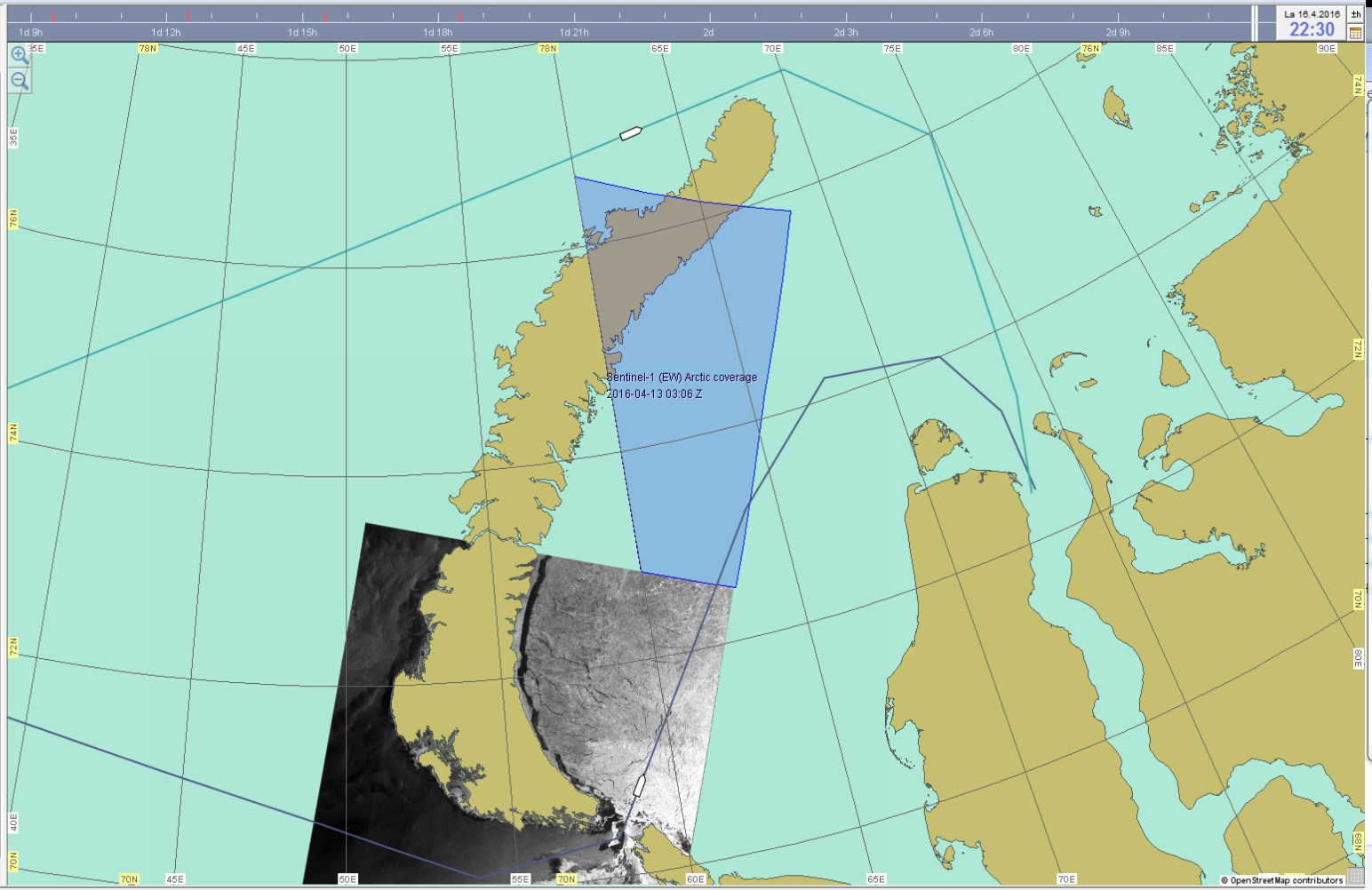
Close all images

Received Images (16)

Type	Name	Age	Size
GeoTIFF	Sentinel-1 (EW) Arctic c...	1d 7h	9 MB
SIGRID-3	Ice chart - European Arctic	1d 20h	844 kB
GeoTIFF	Barents and Kara Seas i...	2d	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d 2h	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 20h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	152 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 20h	814 kB
GeoTIFF	Arctic Sentinel 1 mosaic	6d	13 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	6d	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	6d	209 MB
SIGRID-3	Ice chart - European Arctic	6d	931 kB

Show all footprints on map

Sync 1 min since last sync



Click to open image: Sentinel-1 (EW) Arctic coverage - Acquired: 2016-04-13 03:06 Z

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-16 22:30 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

Opened Satellite and Ice Images

- [13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
- [14.04. 10:01 Z] Barents and Kara Seas ice t...

Import images... Animate images

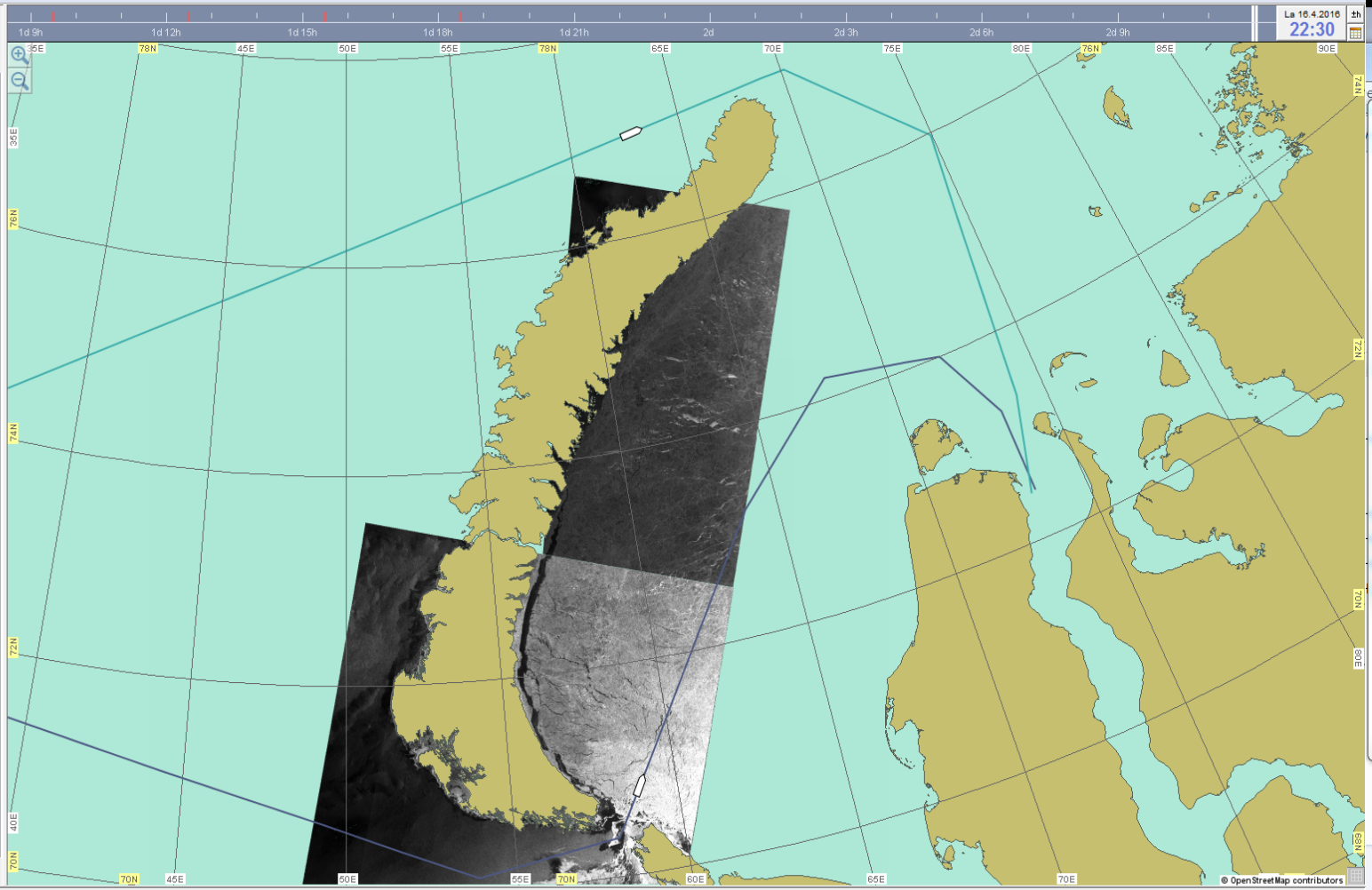
Close all images

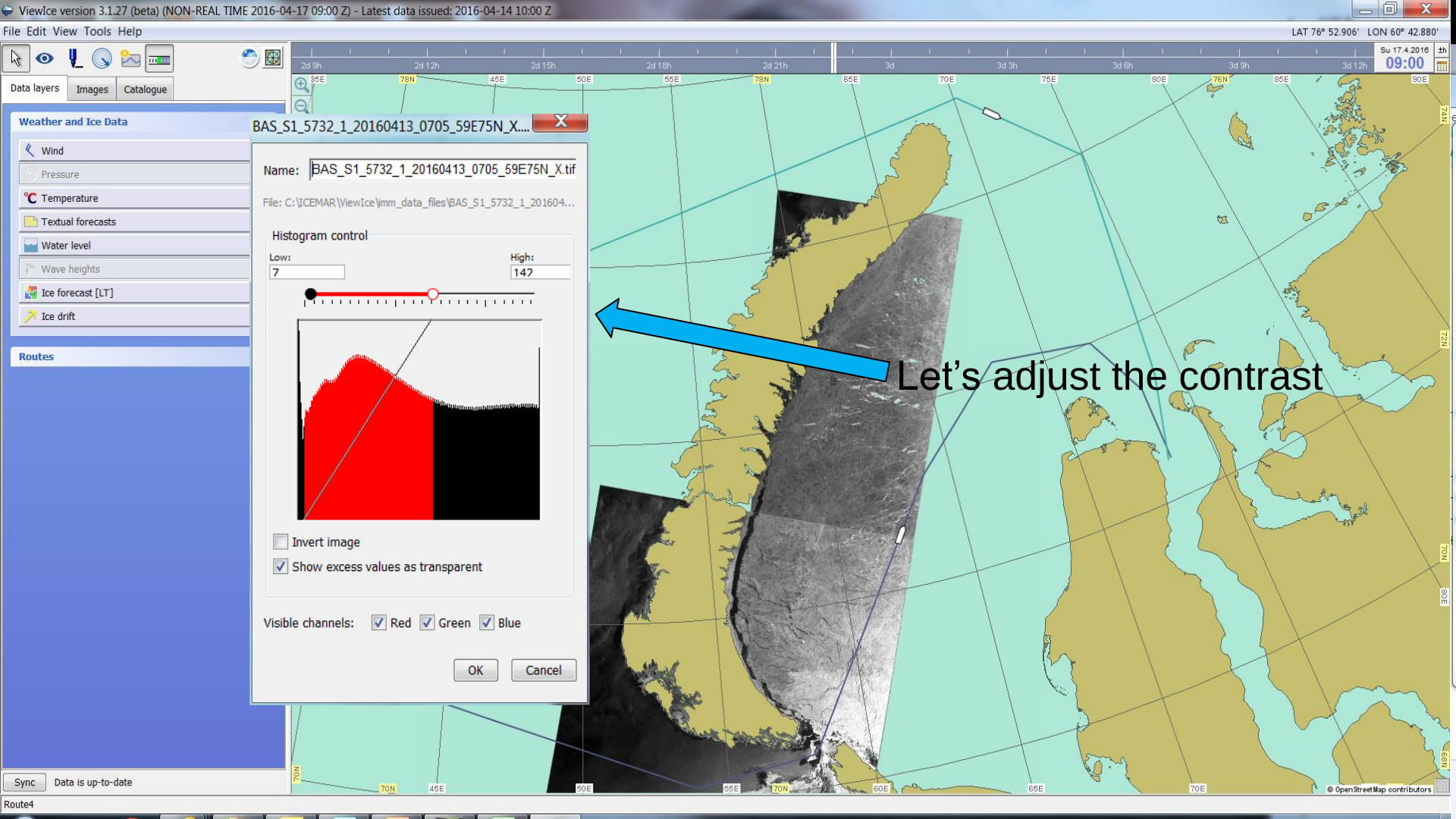
Received Images (15)

Type	Name	Age	Size
SIGRID-3	Ice chart - European Arctic	1d 20h	844 kB
GeoTIFF	Barents and Kara Seas i...	2d	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d 2h	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 20h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	152 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 20h	814 kB
GeoTIFF	Arctic Sentinel 1 mosaic	6d	13 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	6d	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	6d	209 MB
SIGRID-3	Ice chart - European Arctic	6d	931 kB

Show all footprints on map

Sync 1 min since last sync




ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
LAT 76° 52.906' LON 60° 42.880'
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Ice drift
Routes
Sync
Data is up-to-date
Route4
BAS_S1_5732_1_20160413_0705_59E75N_X....
Name:
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File: C:\ICEMAR\ViewIce\imm_data_files\BAS_S1_5732_1_201604...
Histogram control
Low:
7
High:
142
Invert image
Show excess values as transparent
Visible channels:
Red
Green
Blue
OK
Cancel
Let's adjust the contrast
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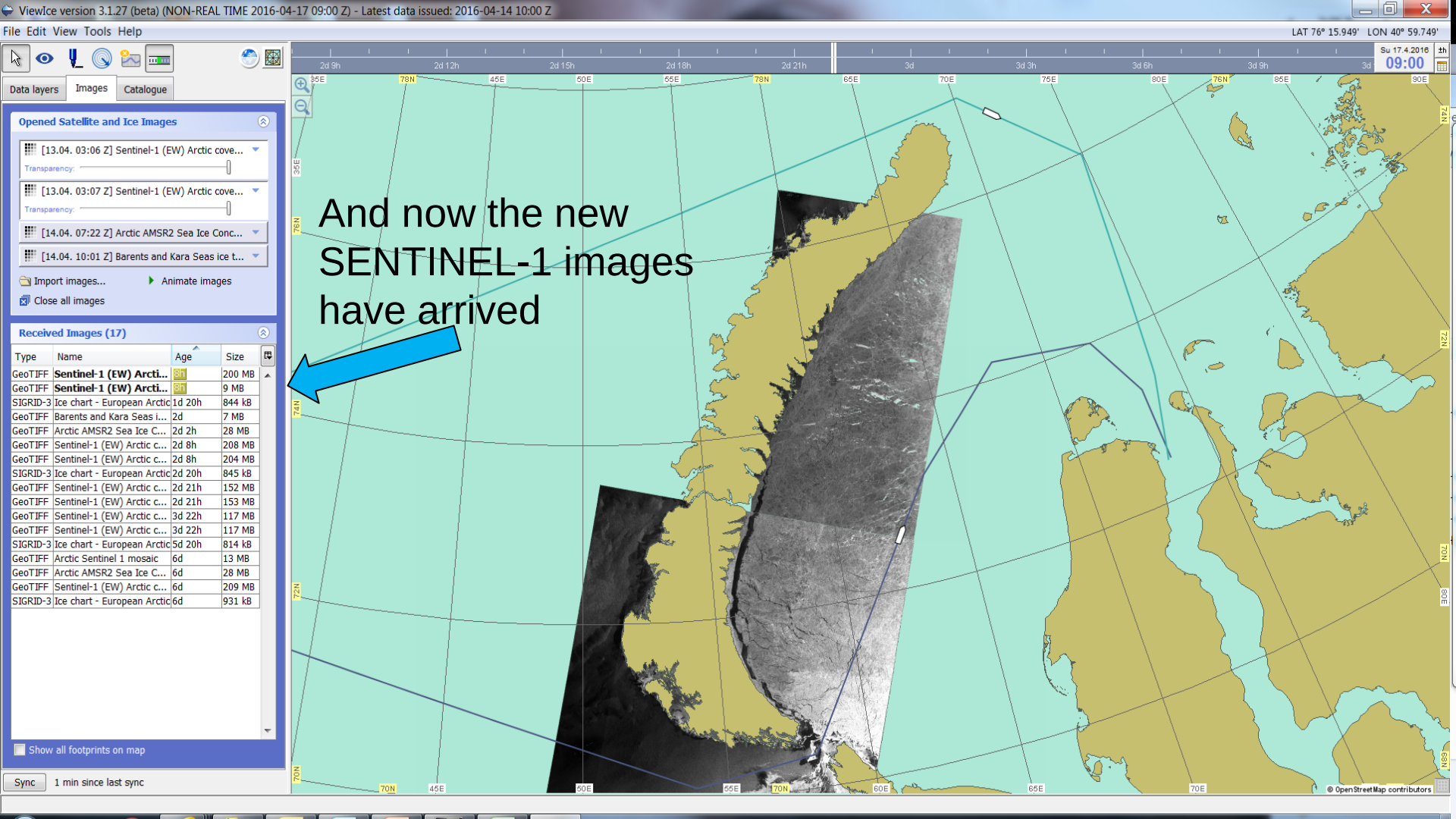
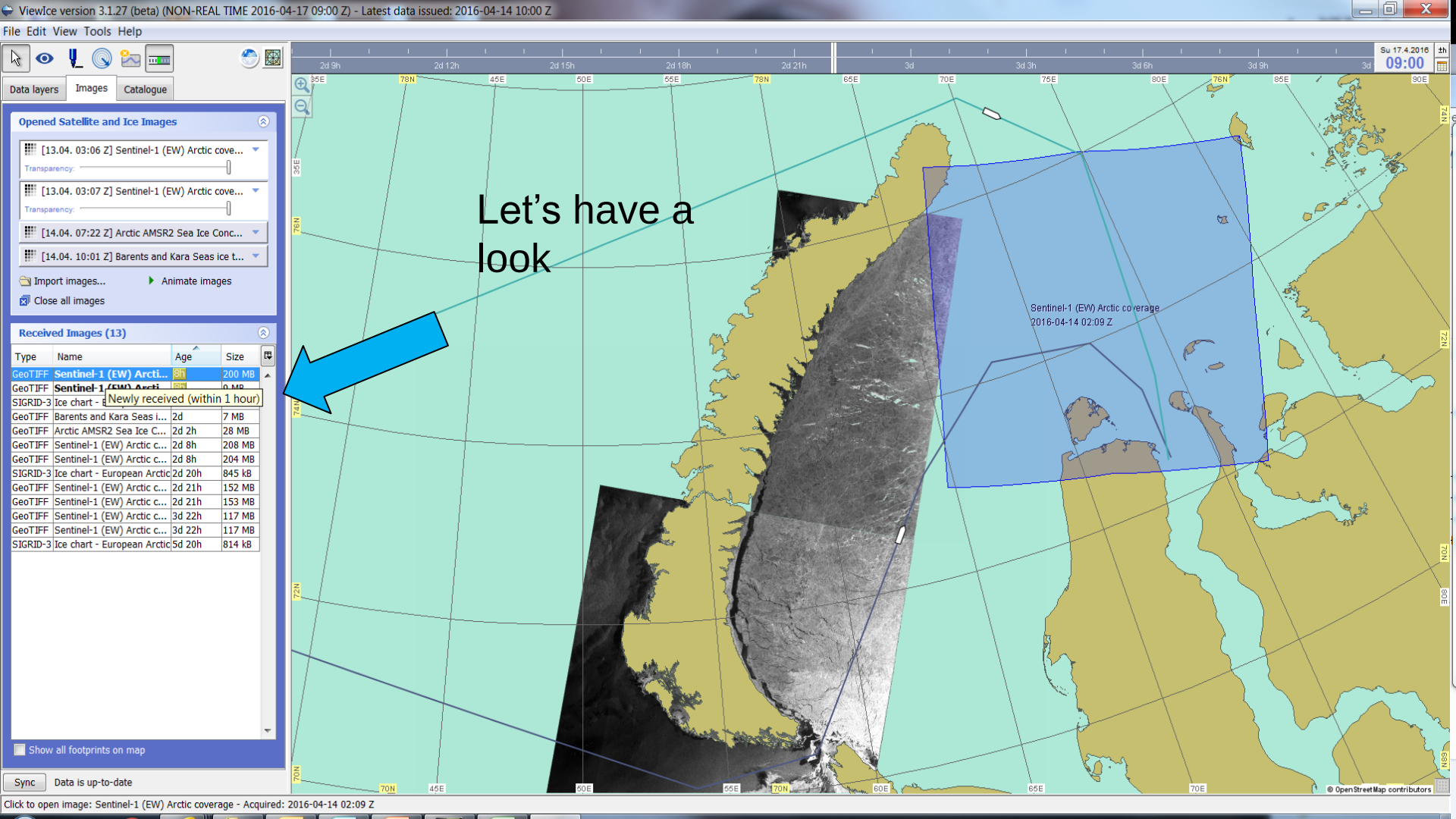
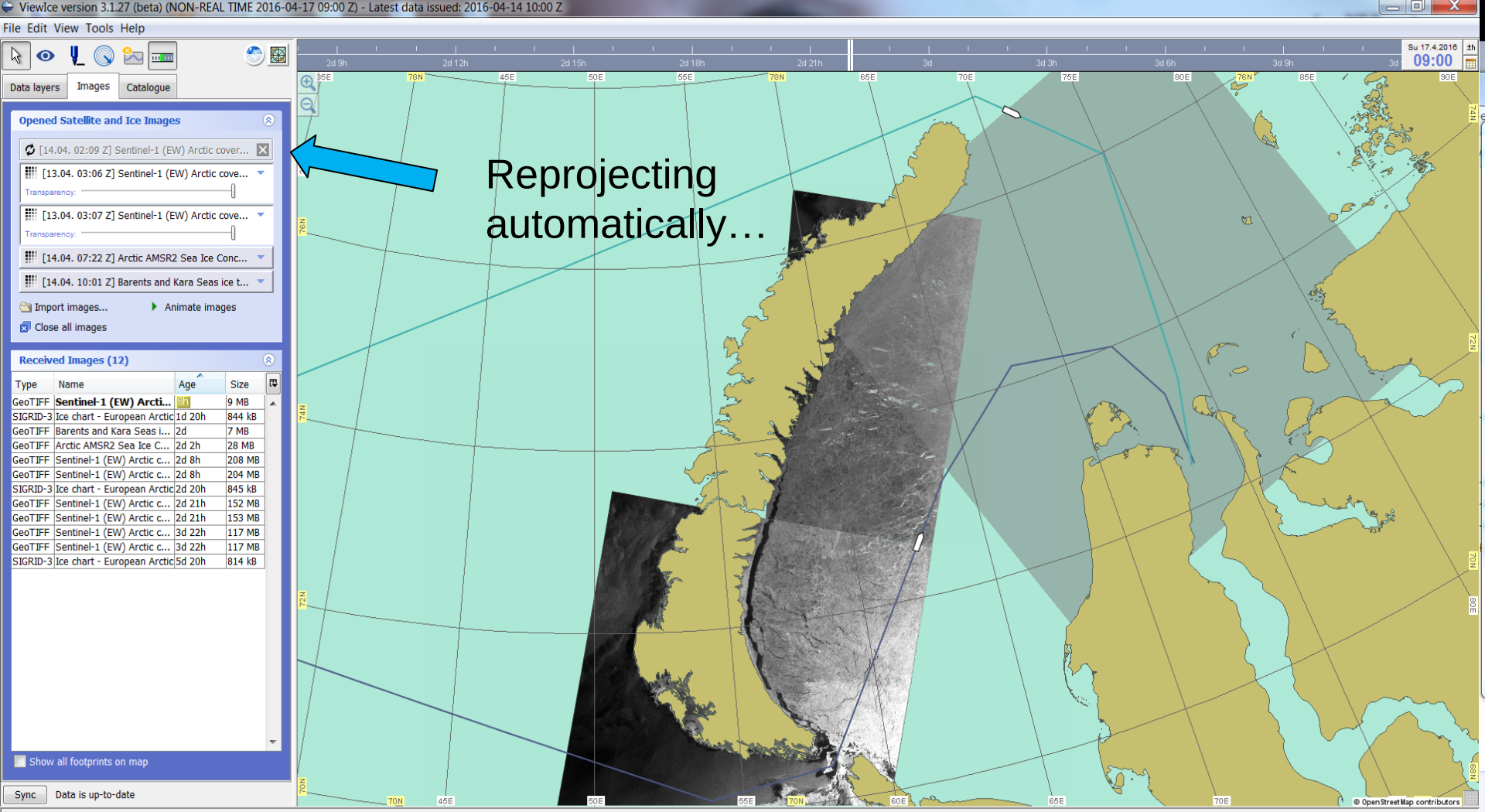

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
LAT 76° 15.949' LON 40° 59.749'
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (17)
Type Name Age Size
GeoTIFF Sentinel-1 (EW) Arcti... 3h 200 MB
GeoTIFF Sentinel-1 (EW) Arcti... 3h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
GeoTIFF Arctic Sentinel 1 mosaic 6d 13 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 6d 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 6d 209 MB
SIGRID-3 Ice chart - European Arctic 6d 931 kB
Show all footprints on map
Sync
1 min since last sync
And now the new SENTINEL-1 images have arrived
Su 17.4.2016
09:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (13)
Type Name Age Size
GeoTIFF Sentinel-1 (EW) Arcti... 8h 200 MB
GeoTIFF Sentinel-1 (EW) Arcti... 8h 0 MB
SIGRID-3 Ice chart - E
Newly received (within 1 hour)
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
Data is up-to-date
Let's have a look
Sentinel-1 (EW) Arctic coverage
2016-04-14 02:09 Z
Su 17.4.2016
09:00
© OpenStreetMap contributors
Click to open image: Sentinel-1 (EW) Arctic coverage - Acquired: 2016-04-14 02:09 Z


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic cover...
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (12)
Type
Name
Age
Size
GeoTIFF Sentinel-1 (EW) Arcti... 3h 9 MB
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
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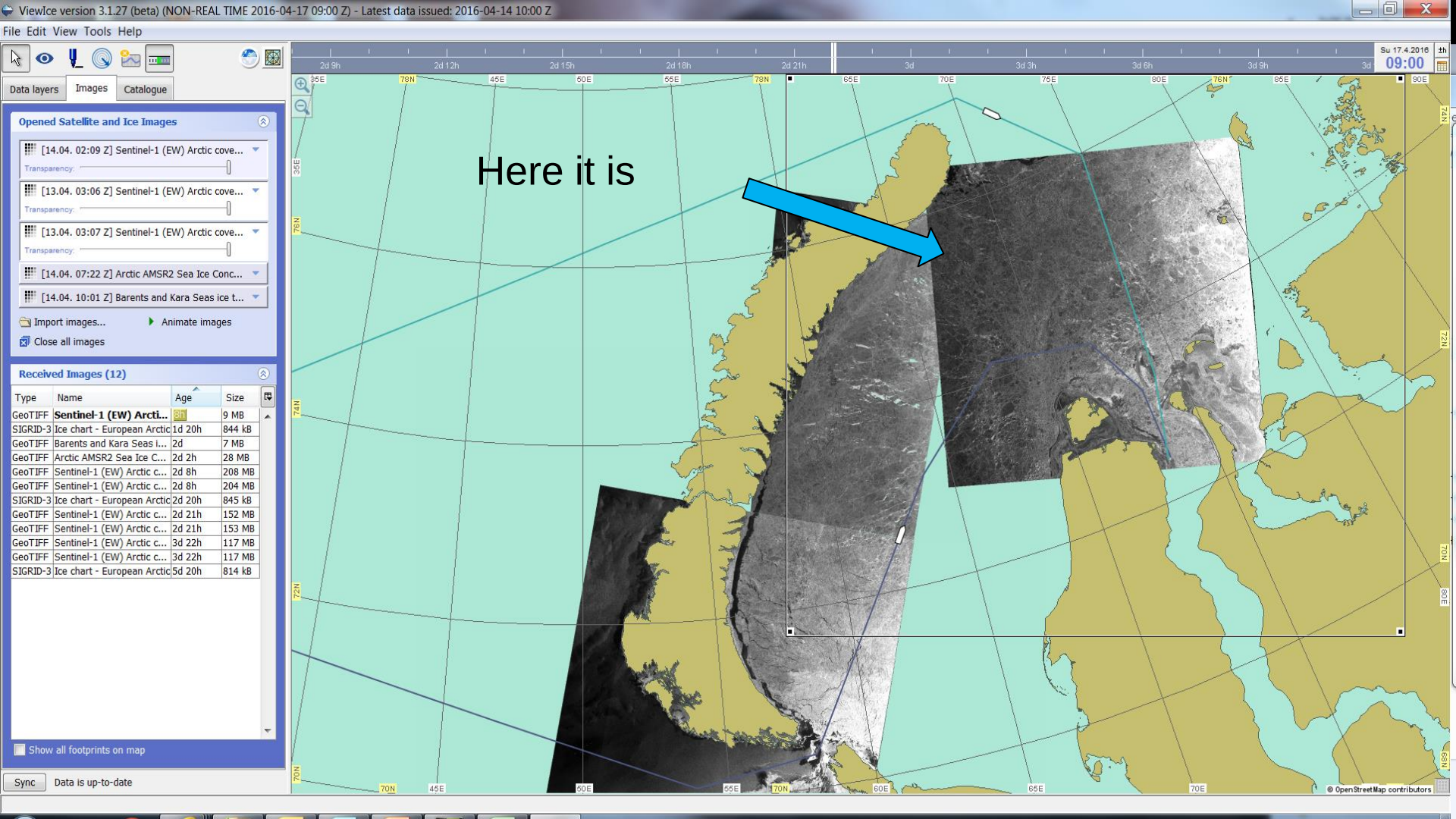
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
Data is up-to-date
Reprojecting automatically…
Su 17.4.2016
09:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
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Transparency:
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GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
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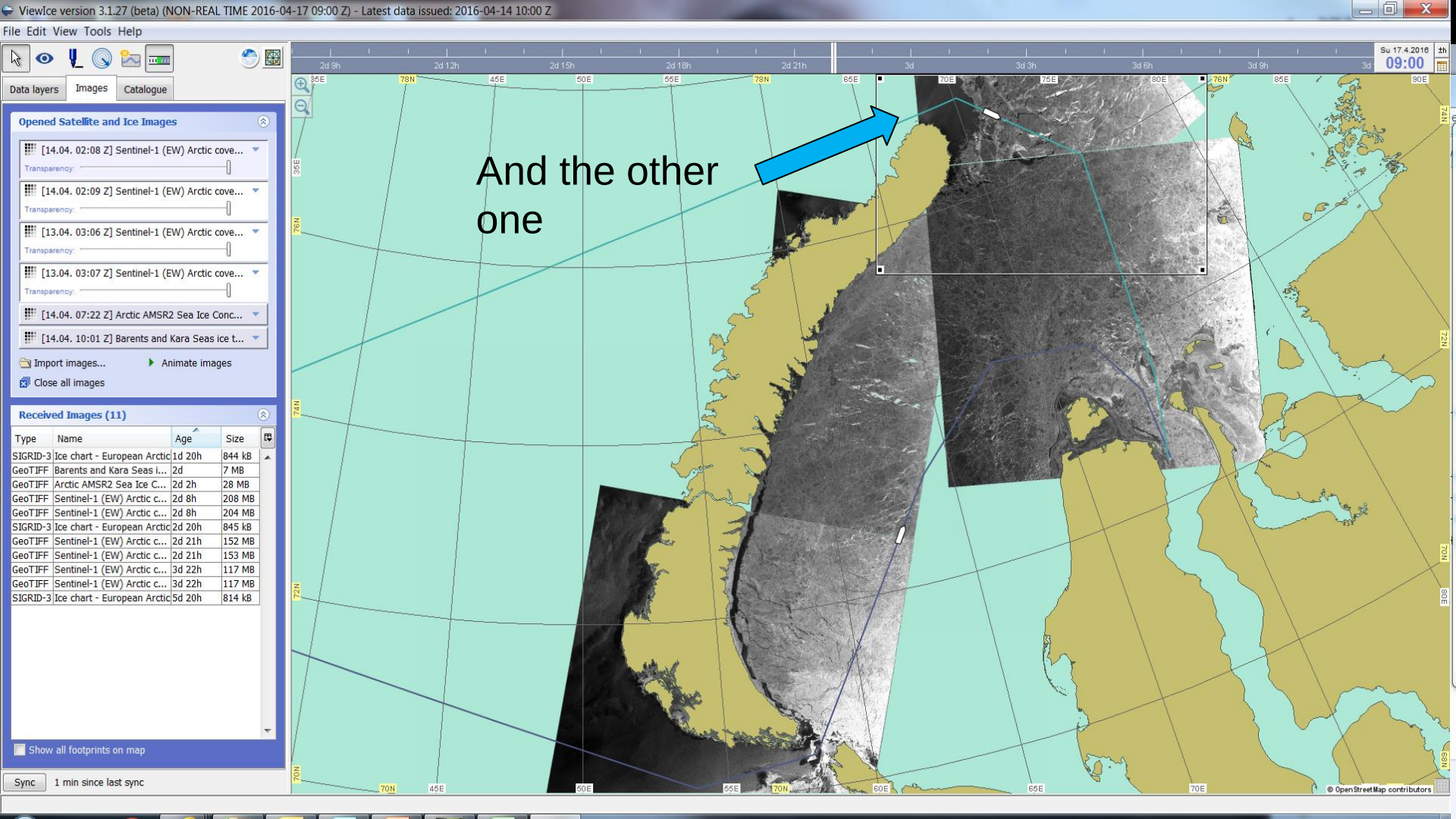
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
Data is up-to-date
Here it is
Su 17.4.2016
09:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
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SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
1 min since last sync
And the other one
Su 17.4.2016
09:00
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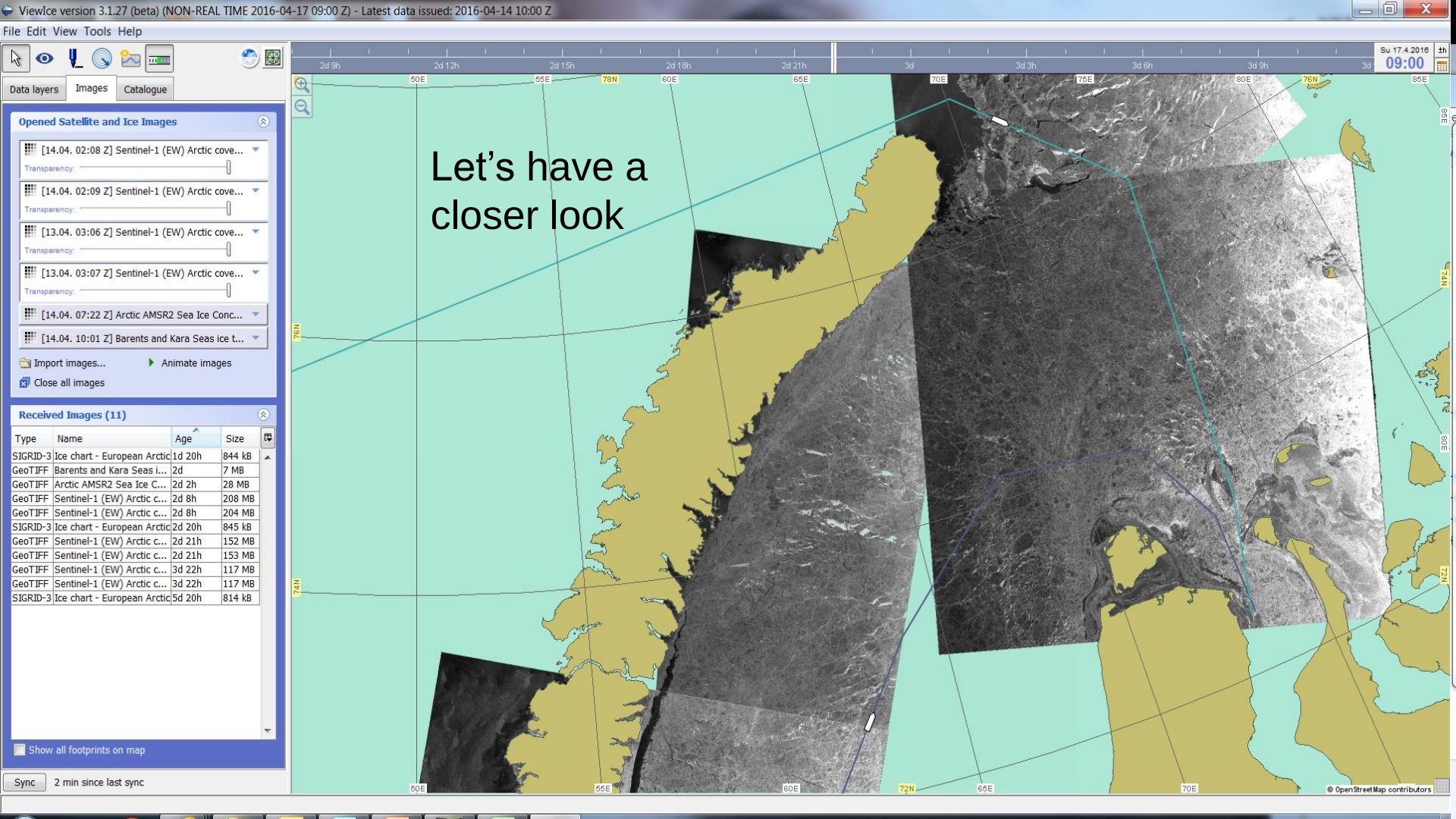
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GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
2 min since last sync
Let’s have a closer look
Su 17.4.2016
09:00
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ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

LAT 73° 57.661' LON 73° 20.780'

Data layers | Images | Catalogue

Opened Satellite and Ice Images

- [14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
- [14.04. 10:01 Z] Barents and Kara Seas ice t...

Import images... Animate images

Close all images

Received Images (11)

Type	Name	Age	Size
SIGRID-3	Ice chart - European Arctic	1d 20h	844 kB
GeoTIFF	Barents and Kara Seas i...	2d	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d 2h	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	208 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 20h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	152 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 20h	814 kB

Show all footprints on map

Sync 2 min since last sync

2d 9h 2d 12h 2d 15h 2d 18h 2d 21h 3d 3d 3h 3d 6h 3d 9h 3d

Su 17.4.2016 09:00

65E 70E 75E 80E 76N 72N

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[14.04. 02:09 Z] Sentinel-1 (EW) Arctic coverage: BAS_S1_5744_1_20160414_0645_73E74N_X.tif.32661050.tif

Pixel value: 66

ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

LAT 73° 44.106' LON 71° 27.228'

Data layers | Images | Catalogue

Opened Satellite and Ice Images

- [14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
  Transparency:
- [14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
- [14.04. 10:01 Z] Barents and Kara Seas ice t...

Import images... Animate images

Close all images

Received Images (9)

Type	Name	Age	Size
SIGRID-3	Ice chart - European Arctic	1d 20h	844 kB
GeoTIFF	Barents and Kara Seas i...	2d	7 MB
GeoTIFF	Arctic AMSR2 Sea Ice C...	2d 2h	28 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 8h	204 MB
SIGRID-3	Ice chart - European Arctic	2d 20h	845 kB
GeoTIFF	Sentinel-1 (EW) Arctic c...	2d 21h	153 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
GeoTIFF	Sentinel-1 (EW) Arctic c...	3d 22h	117 MB
SIGRID-3	Ice chart - European Arctic	5d 20h	814 kB

Show all footprints on map

Sync 1 min since last sync

2d 9h 2d 12h 2d 15h 2d 18h 2d 21h 3d 3d 3h 3d 6h 3d 9h 3d

Su 17.4.2016 09:00

68E 70E 72E 74E 76E 74N 73N 66E 68E 70E 72E

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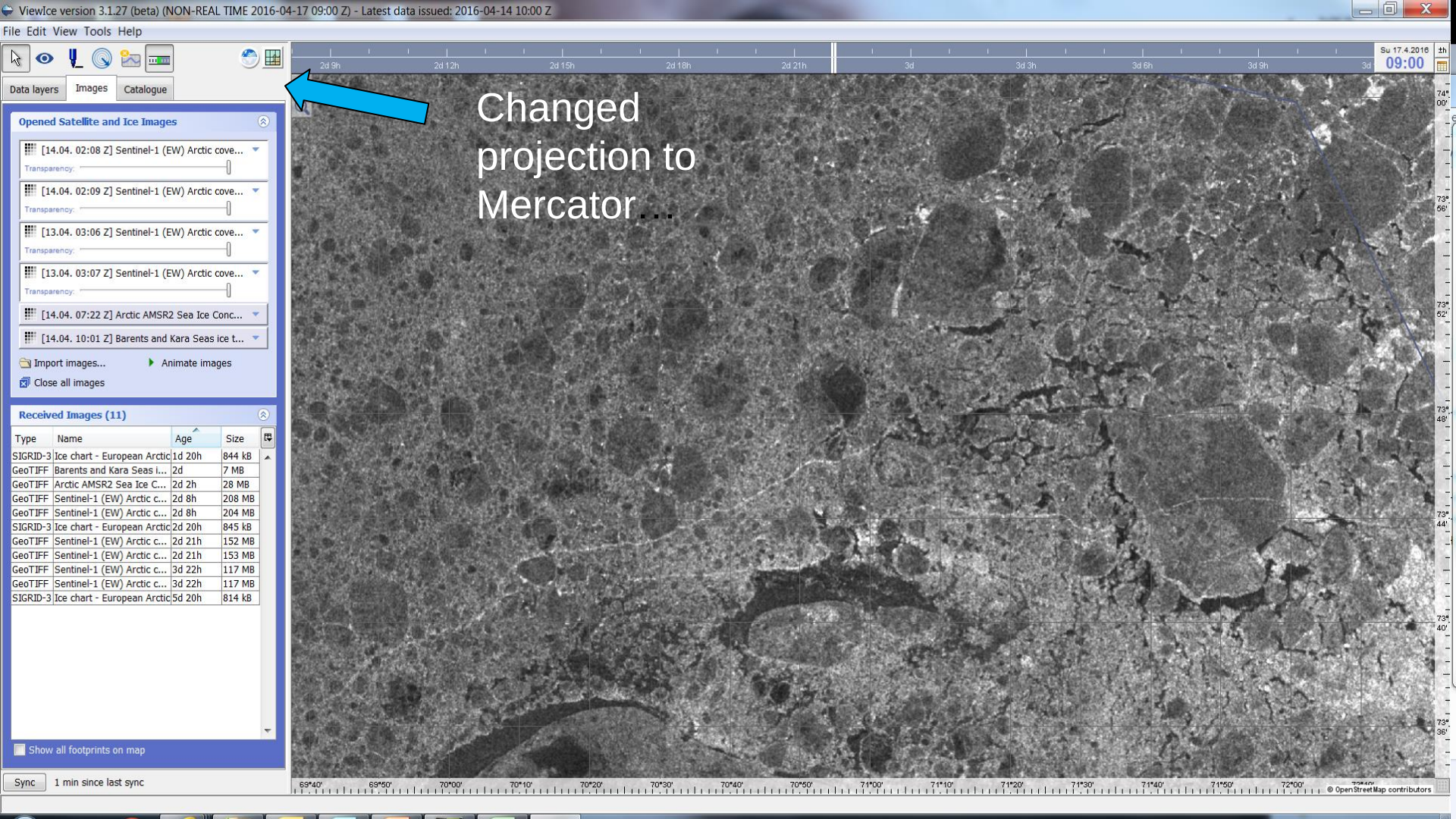
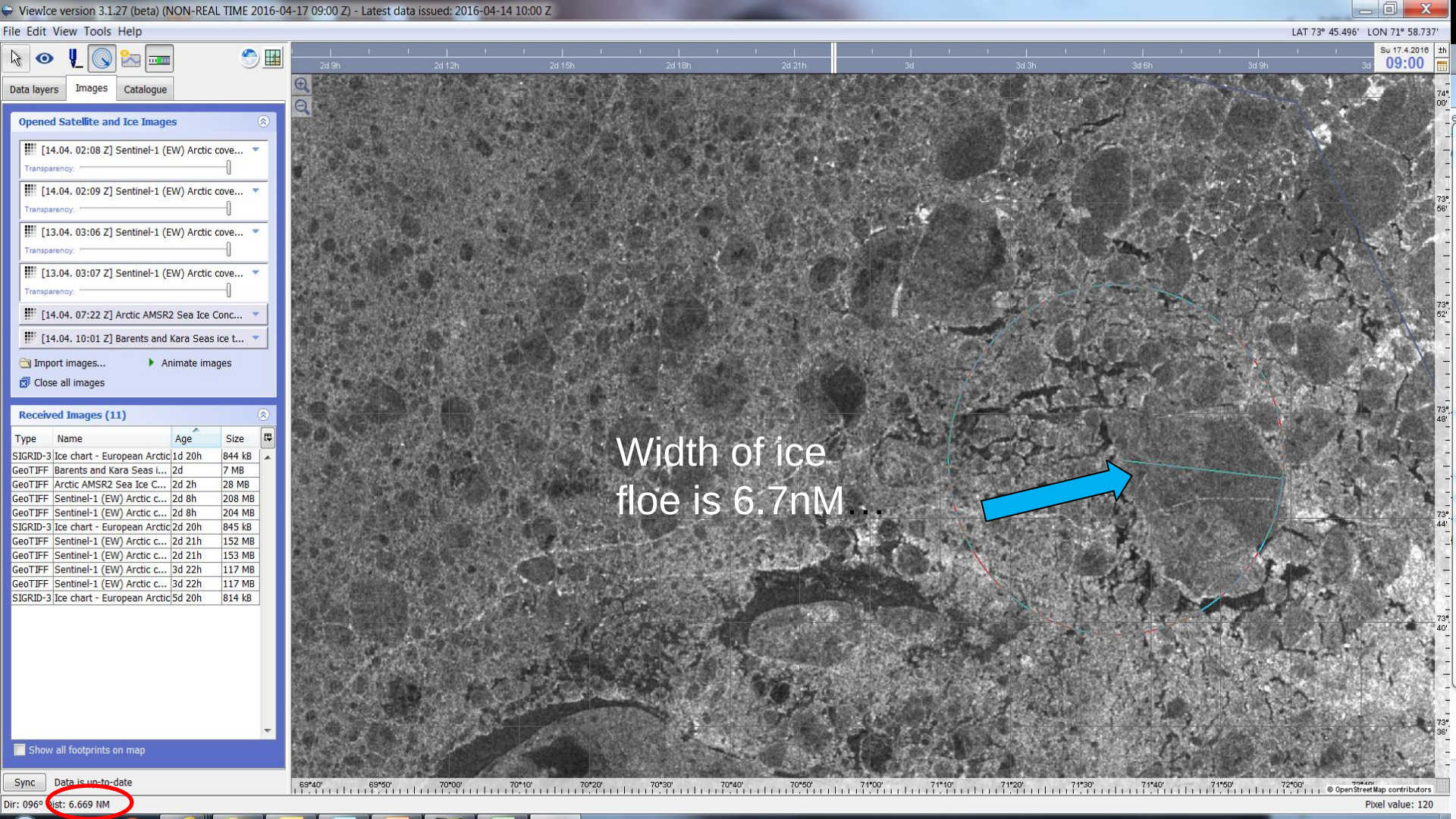
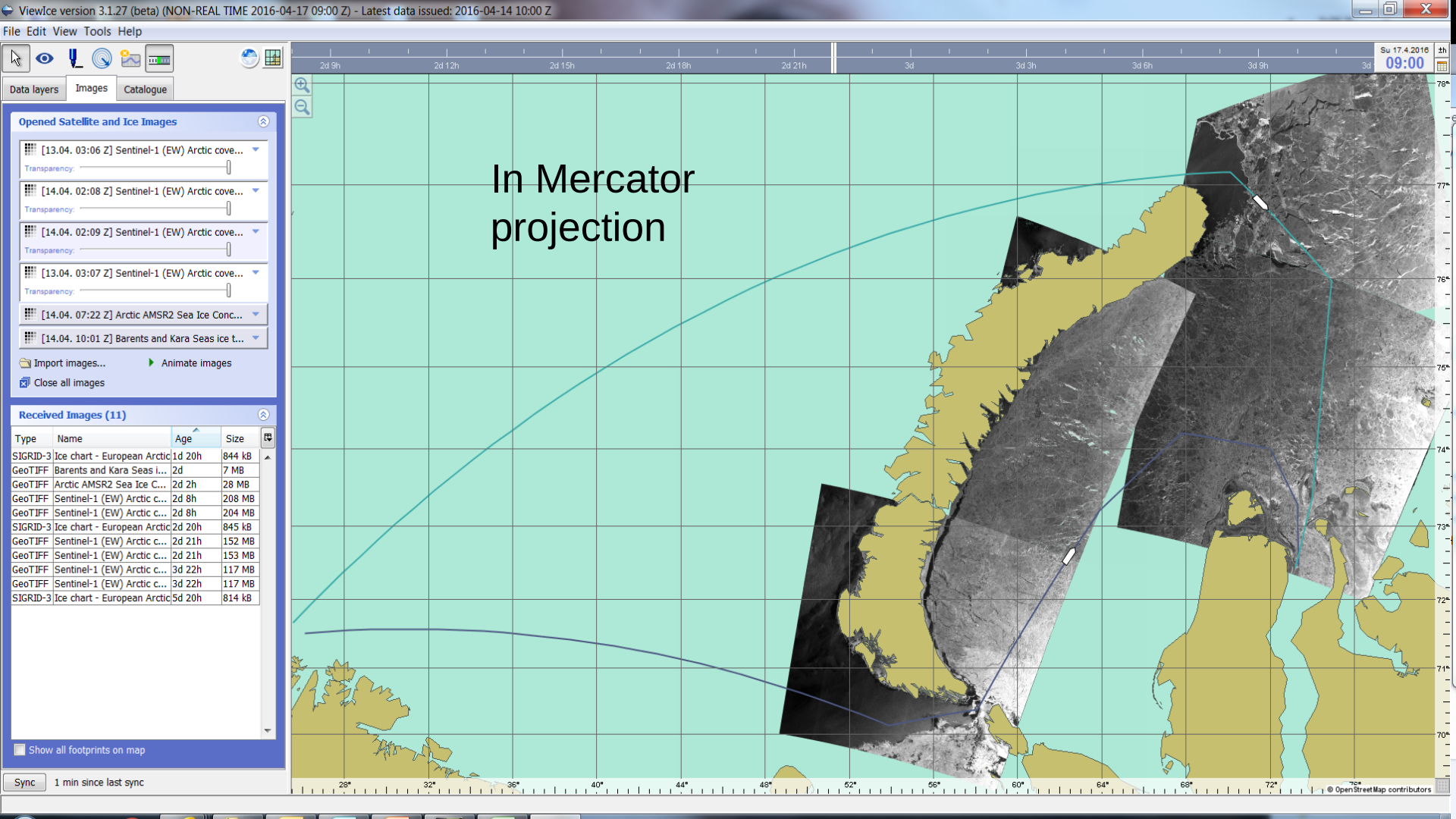
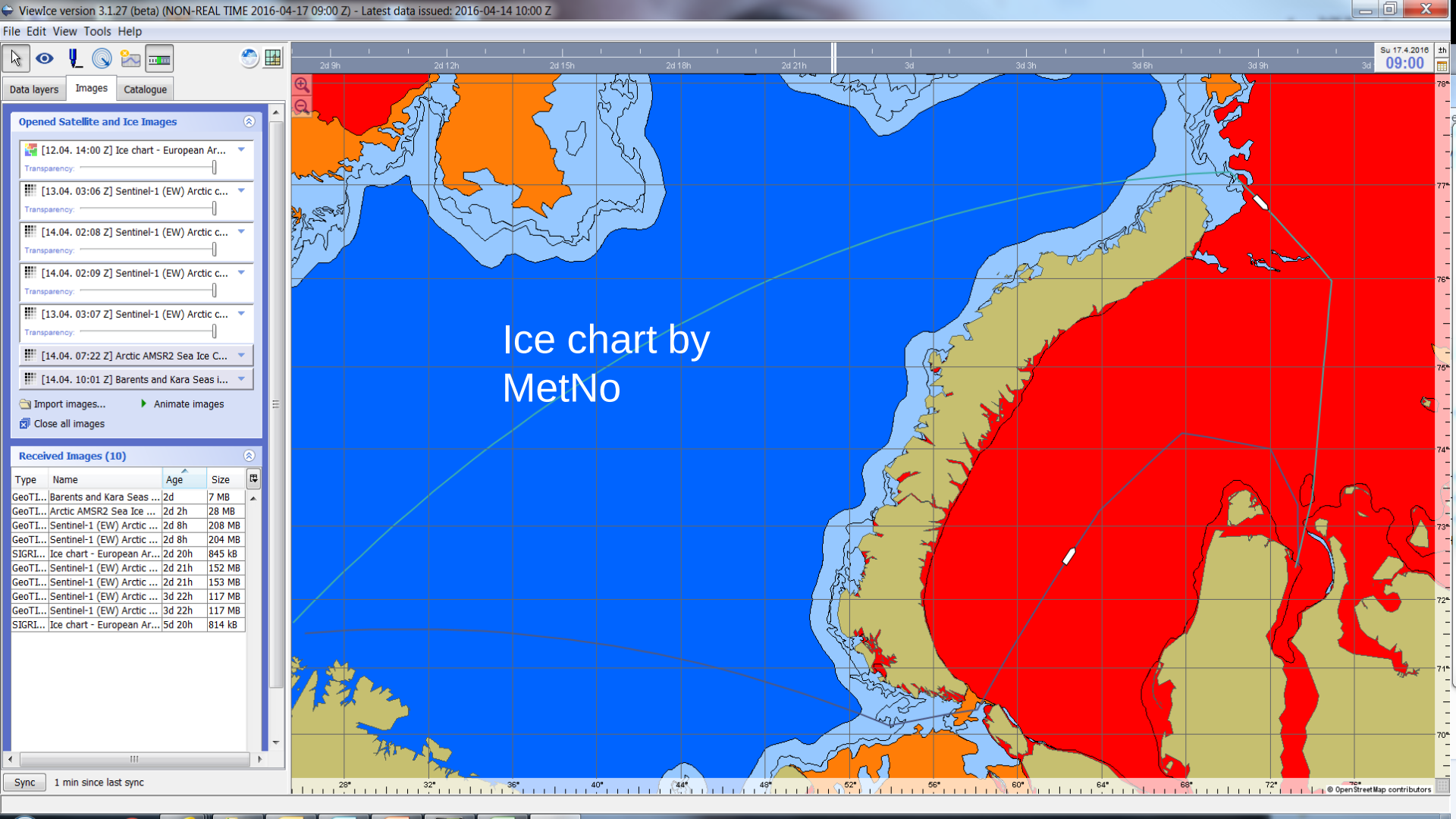
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic coverage: BAS_S1_5744_1_20160414_0645_73E74N_X.tif.32661050.tif

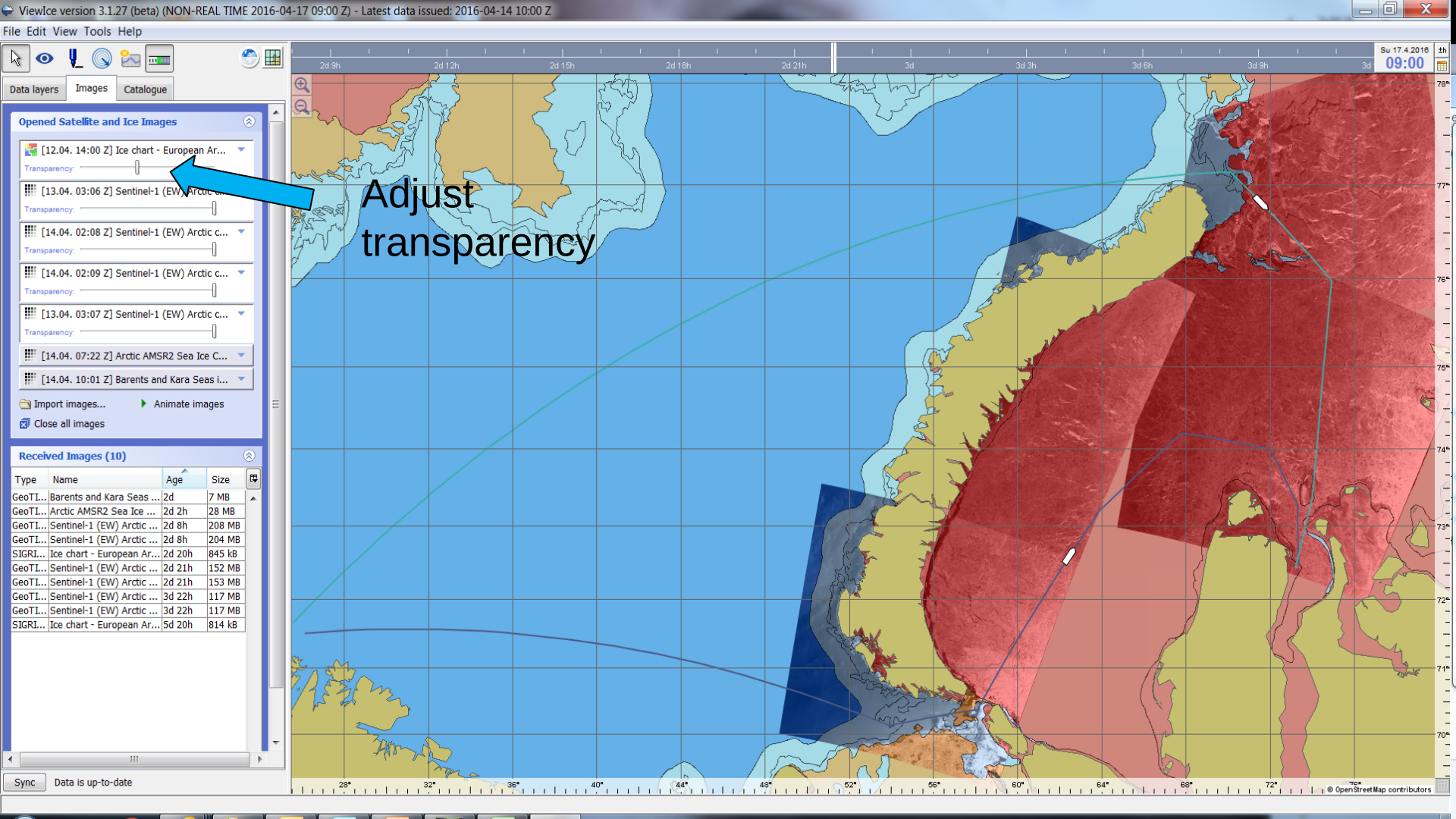
Pixel value: 63


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (11)
Type Name Age Size
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
1 min since last sync
Changed projection to Mercator…
Su 17.4.2016
09:00
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
LAT 73° 45.496' LON 71° 58.737'
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (11)
Type Name Age Size
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
Data is up-to-date
Su 17.4.2016
09:00
Width of ice
floe is 6.7nM...
© OpenStreetMap contributors
Dir: 096° Dist: 6.669 NM
Pixel value: 120


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic cove...
Transparency:
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice Conc...
[14.04. 10:01 Z] Barents and Kara Seas ice t...
Import images...
Animate images
Close all images
Received Images (11)
Type Name Age Size
SIGRID-3 Ice chart - European Arctic 1d 20h 844 kB
GeoTIFF Barents and Kara Seas i... 2d 7 MB
GeoTIFF Arctic AMSR2 Sea Ice C... 2d 2h 28 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 208 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 8h 204 MB
SIGRID-3 Ice chart - European Arctic 2d 20h 845 kB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 152 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 2d 21h 153 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
GeoTIFF Sentinel-1 (EW) Arctic c... 3d 22h 117 MB
SIGRID-3 Ice chart - European Arctic 5d 20h 814 kB
Show all footprints on map
Sync
1 min since last sync
2d 9h
2d 12h
2d 15h
2d 18h
2d 21h
3d
3d 3h
3d 6h
3d 9h
Su 17.4.2016
09:00
In Mercator projection
78°
77°
76°
75°
74°
73°
72°
71°
70°
28°
32°
36°
40°
44°
48°
52°
56°
60°
64°
68°
72°
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[12.04. 14:00 Z] Ice chart - European Ar...
Transparency:
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic c...
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic c...
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic c...
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic c...
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice C...
[14.04. 10:01 Z] Barents and Kara Seas i...
Import images...
Animate images
Close all images
Received Images (10)
Type Name Age Size
GeoTI... Barents and Kara Seas ... 2d 7 MB
GeoTI... Arctic AMSR2 Sea Ice ... 2d 2h 28 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 8h 208 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 8h 204 MB
SIGRI... Ice chart - European Ar... 2d 20h 845 kB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 21h 152 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 21h 153 MB
GeoTI... Sentinel-1 (EW) Arctic ... 3d 22h 117 MB
GeoTI... Sentinel-1 (EW) Arctic ... 3d 22h 117 MB
SIGRI... Ice chart - European Ar... 5d 20h 814 kB
Sync
1 min since last sync
2d 9h
2d 12h
2d 15h
2d 18h
2d 21h
3d
3d 3h
3d 6h
3d 9h
Su 17.4.2016
09:00
Ice chart by
MetNo
78°
77°
76°
75°
74°
73°
72°
71°
70°
28°
32°
36°
40°
44°
48°
52°
56°
60°
64°
68°
72°
© OpenStreetMap contributors


ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Opened Satellite and Ice Images
[12.04. 14:00 Z] Ice chart - European Ar...
Transparency:
[13.04. 03:06 Z] Sentinel-1 (EW) Arctic ...
[14.04. 02:08 Z] Sentinel-1 (EW) Arctic c...
[14.04. 02:09 Z] Sentinel-1 (EW) Arctic c...
[13.04. 03:07 Z] Sentinel-1 (EW) Arctic c...
[14.04. 07:22 Z] Arctic AMSR2 Sea Ice C...
[14.04. 10:01 Z] Barents and Kara Seas i...
Import images...
Animate images
Close all images
Adjust transparency
Received Images (10)
Type Name Age Size
GeoTI... Barents and Kara Seas ... 2d 7 MB
GeoTI... Arctic AMSR2 Sea Ice ... 2d 2h 28 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 8h 208 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 8h 204 MB
SIGRI... Ice chart - European Ar... 2d 20h 845 kB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 21h 152 MB
GeoTI... Sentinel-1 (EW) Arctic ... 2d 21h 153 MB
GeoTI... Sentinel-1 (EW) Arctic ... 3d 22h 117 MB
GeoTI... Sentinel-1 (EW) Arctic ... 3d 22h 117 MB
SIGRI... Ice chart - European Ar... 5d 20h 814 kB
Sync
Data is up-to-date
Su 17.4.2016
09:00
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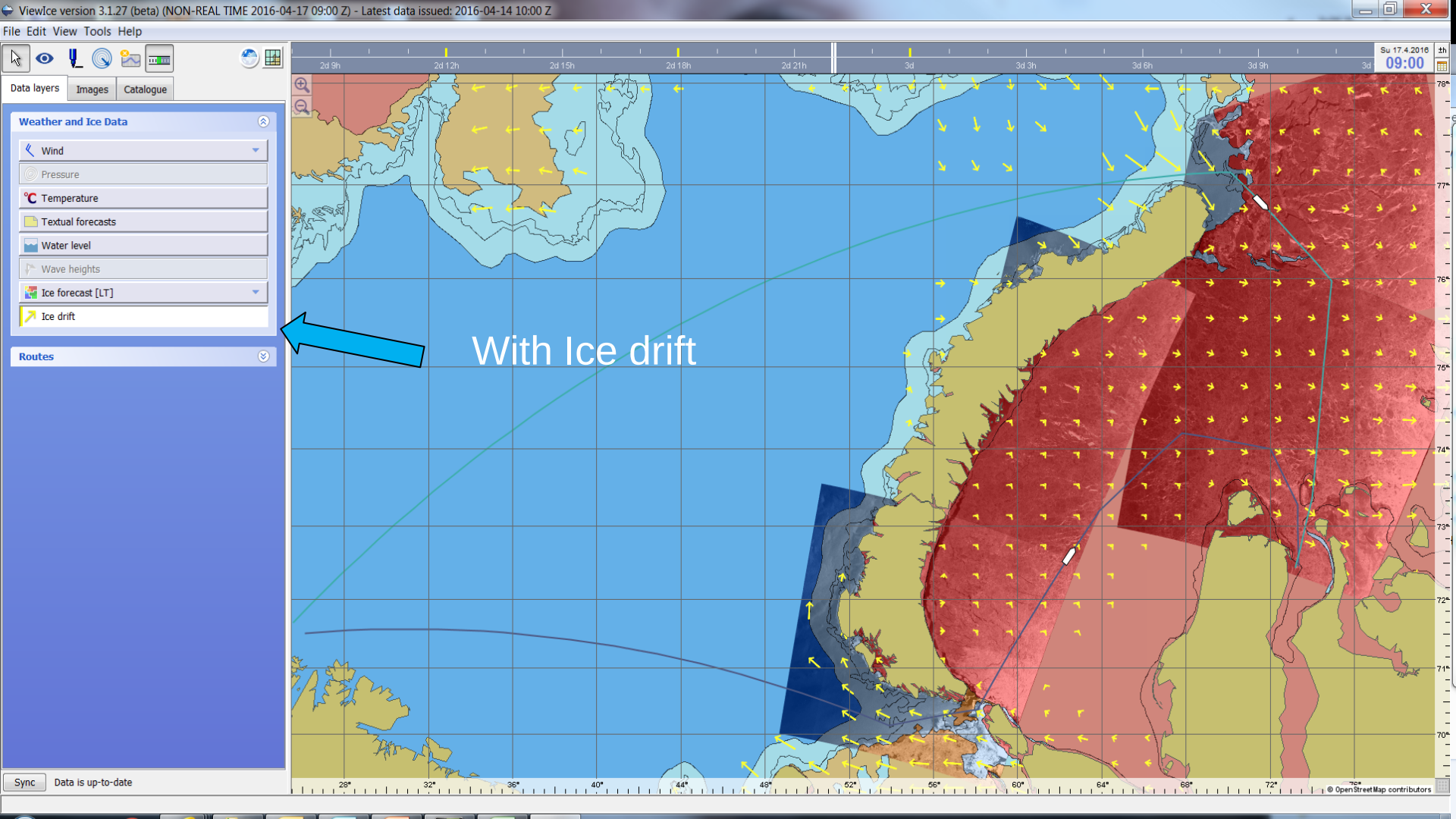
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Ice drift
Routes
Sync
Data is up-to-date
With Ice drift
Su 17.4.2016
09:00
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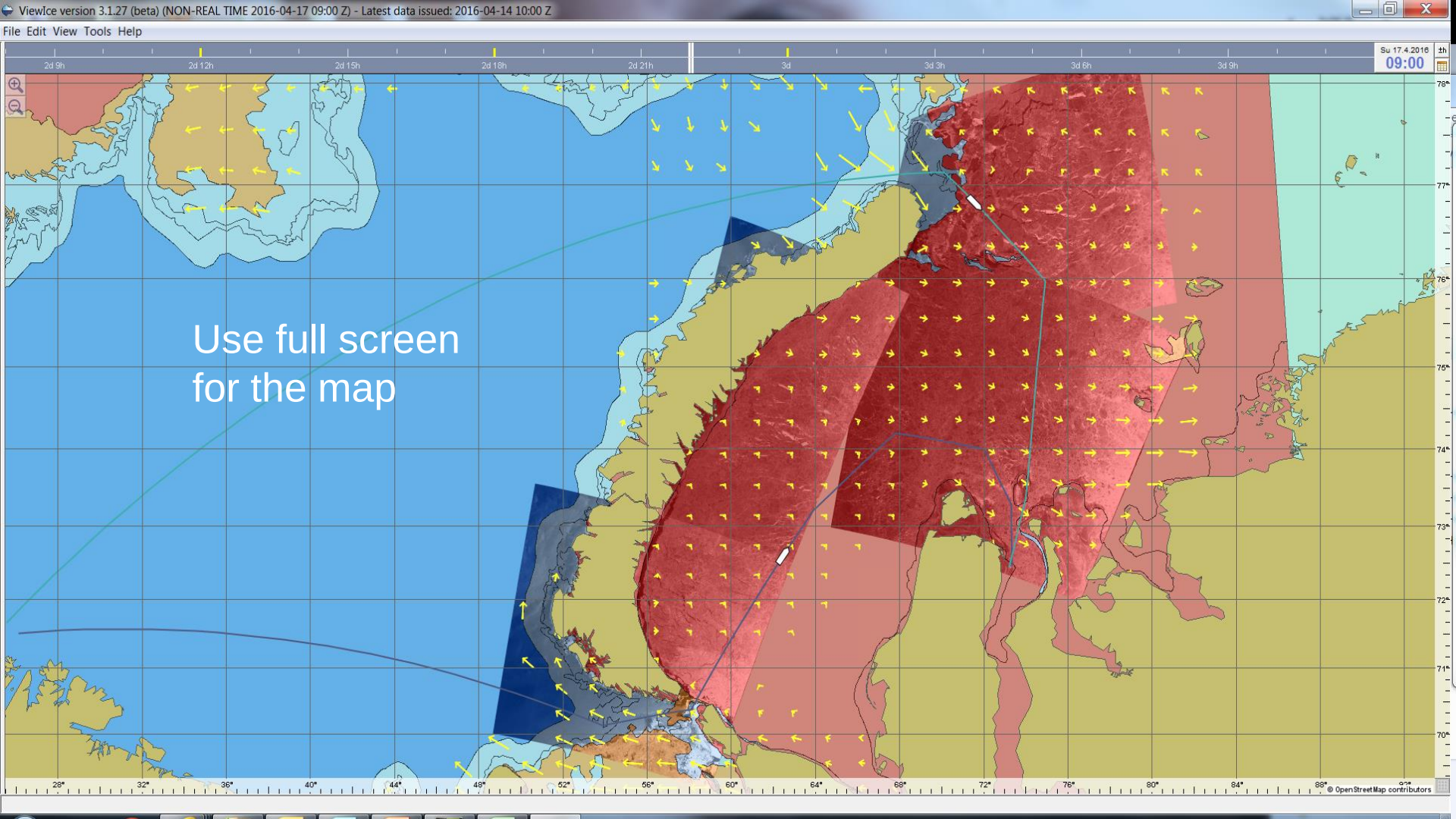
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
2d 9h
2d 12h
2d 15h
2d 18h
2d 21h
3d
3d 3h
3d 6h
3d 9h
Su 17.4.2016
09:00
Use full screen
for the map
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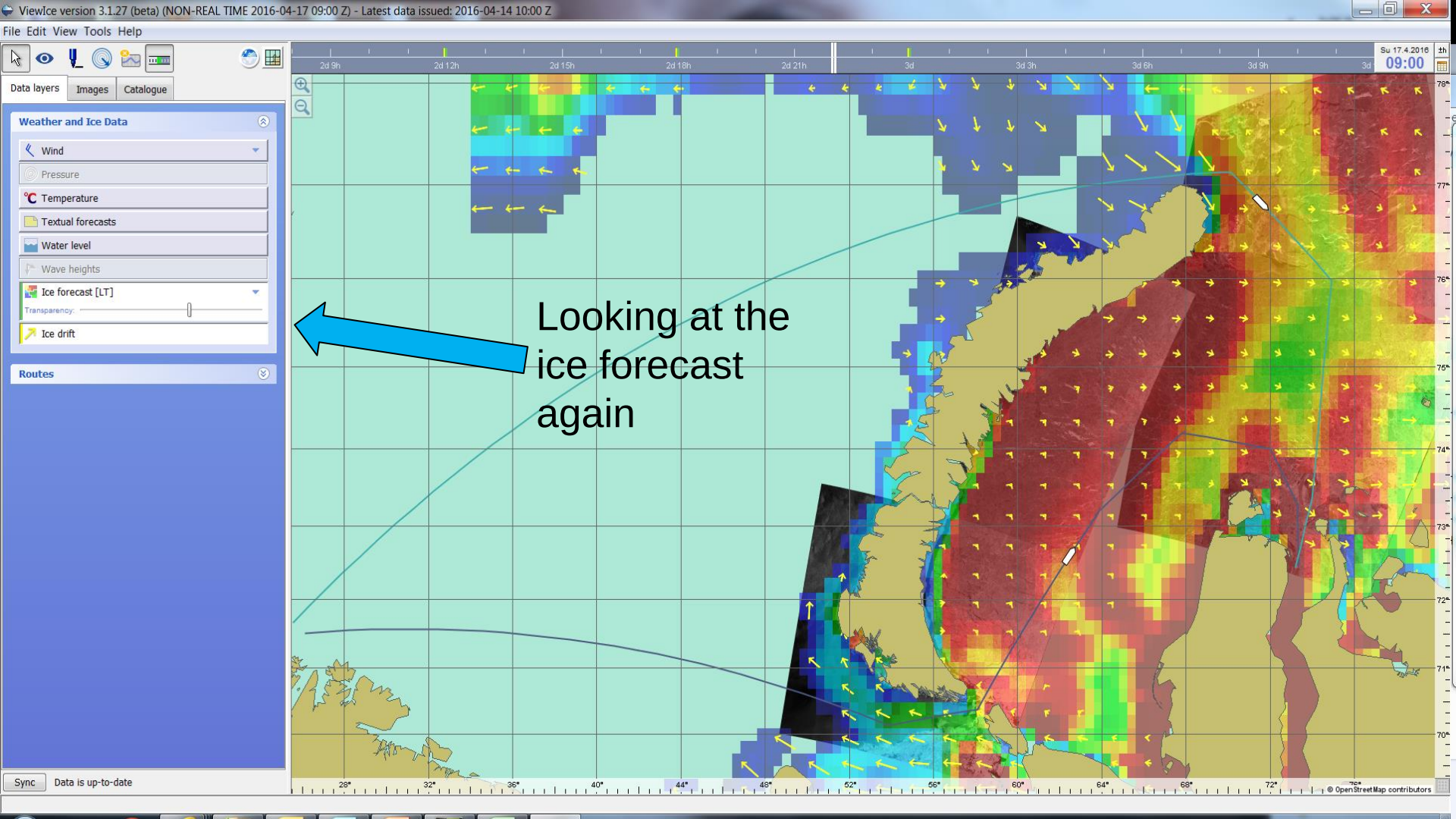
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-17 09:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Transparency:
Ice drift
Routes
Sync
Data is up-to-date
Looking at the ice forecast again
Su 17.4.2016
09:00
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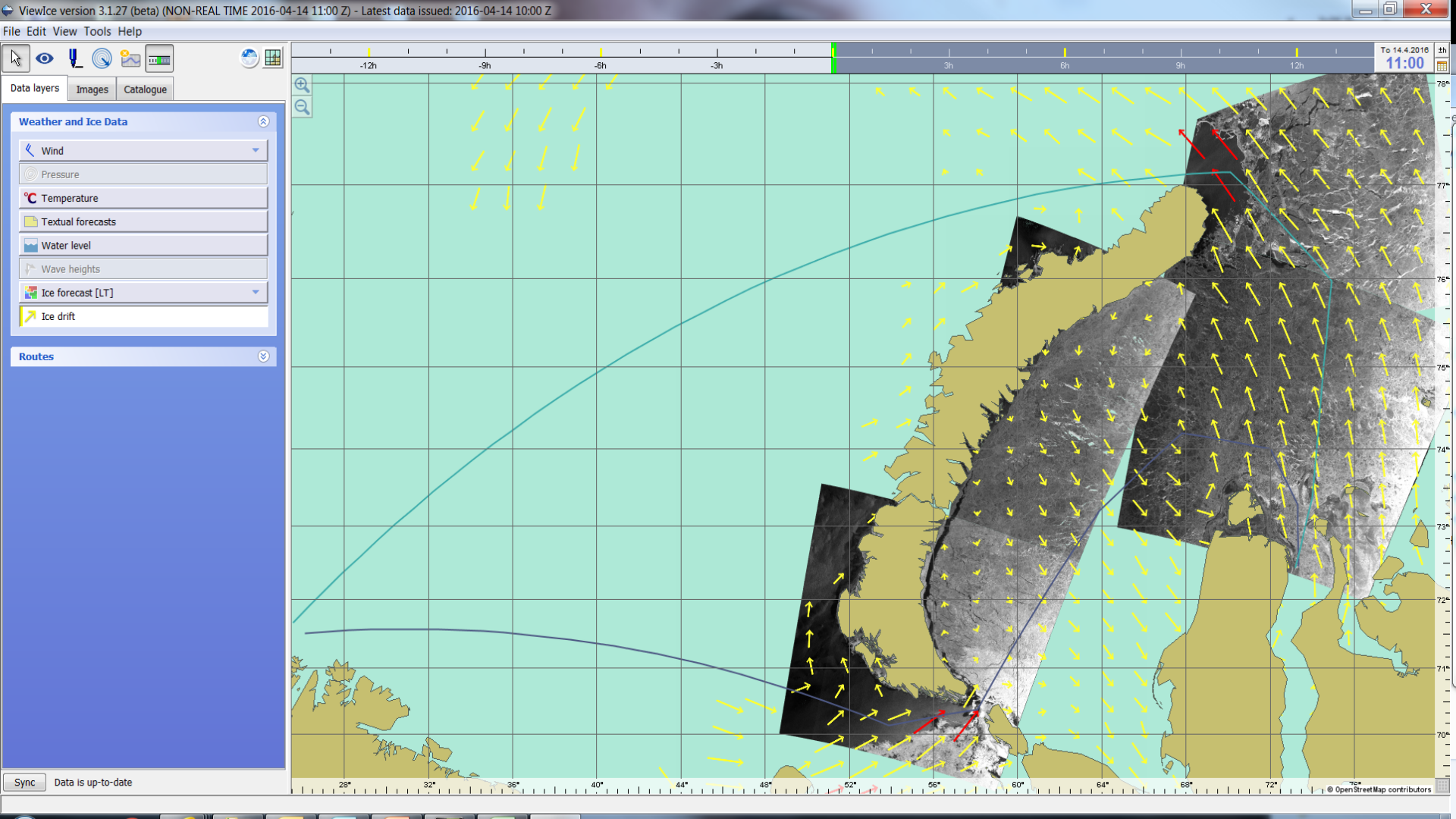
ViewIce version 3.1.27 (beta) (NON-REAL TIME 2016-04-14 11:00 Z) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
Weather and Ice Data
Wind
Pressure
Temperature
Textual forecasts
Water level
Wave heights
Ice forecast [LT]
Ice drift
Routes
Sync
Data is up-to-date
-12h
-9h
-6h
-3h
3h
6h
9h
12h
To 14.4.2016
11:00
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ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 10:00 Z

File Edit View Tools Help

Data layers | Images | Catalogue

POLAR ICE Catalogue (filtered) | 7 min

Feed		Name
METI		Ice chart - European Arctic
BAS	6h	Sentinel-1 (EW) Arctic coverage
FMI	3h	Barents and Kara Seas ice thickness ch
DTU	3h	Arctic Sentinel 1 mosaic
DMI	12h	Sea ice forecast DMI Arctic
DTU	3h	Arctic AMSR2 Sea Ice Concentration map raw

You can subscribe to a Feed

Subscriptions (0 active)

Sync | 1 min since last sync

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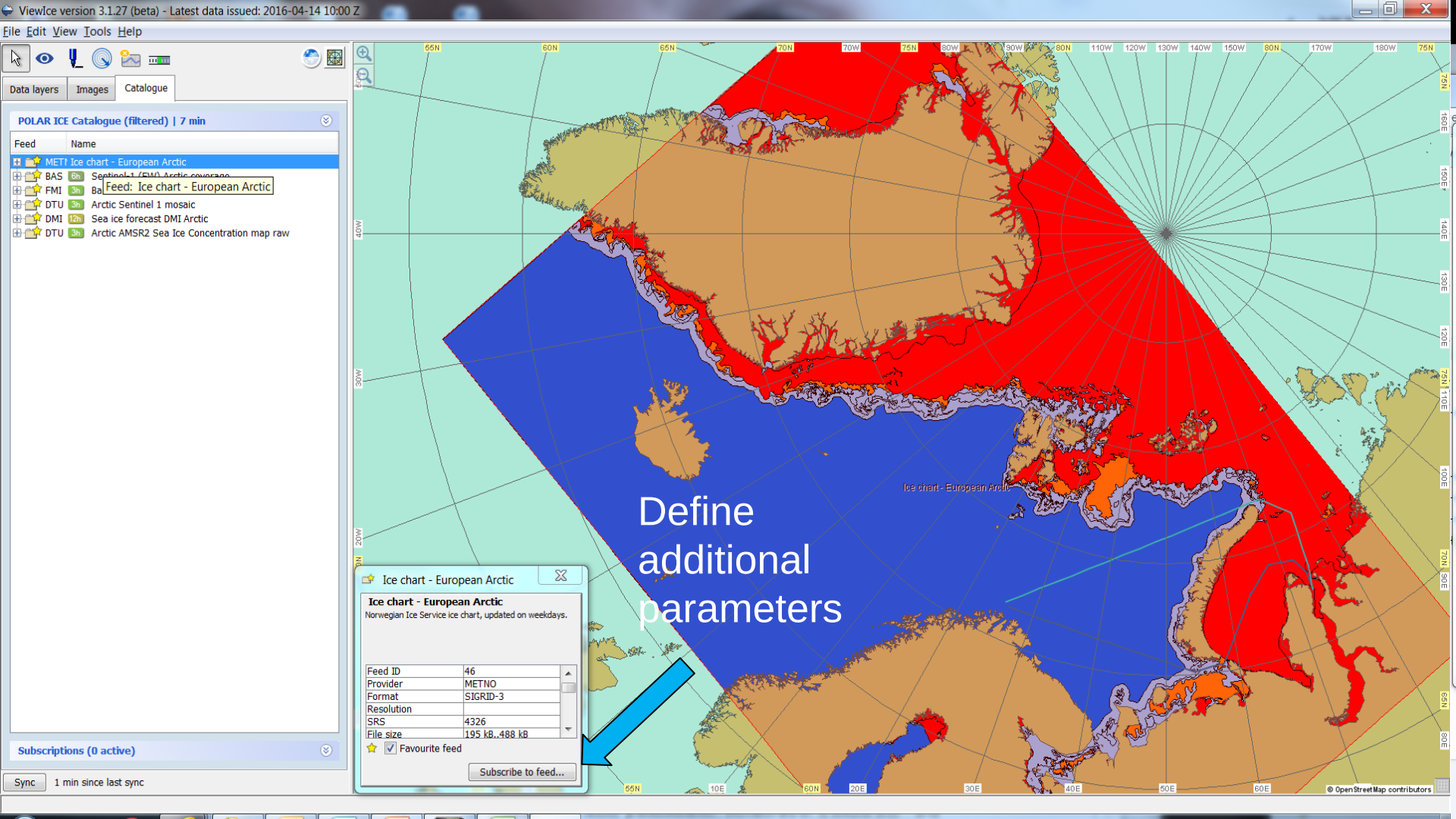
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Data layers
Images
Catalogue
POLAR ICE Catalogue (filtered) | 7 min
Feed
Name
METI Ice chart - European Arctic
BAS 6h
FMI 3h
Feed: Ice chart - European Arctic
DTU 3h Arctic Sentinel 1 mosaic
DMI 12h Sea ice forecast DMI Arctic
DTU 3h Arctic AMSR2 Sea Ice Concentration map raw
Subscriptions (0 active)
Sync
1 min since last sync
Ice chart - European Arctic
Ice chart - European Arctic
Norwegian Ice Service ice chart, updated on weekdays.
Feed ID 46
Provider METNO
Format SIGRID-3
Resolution
SRS 4326
File size 195 kB..488 kB
Favourite feed
Subscribe to feed...
Define additional parameters
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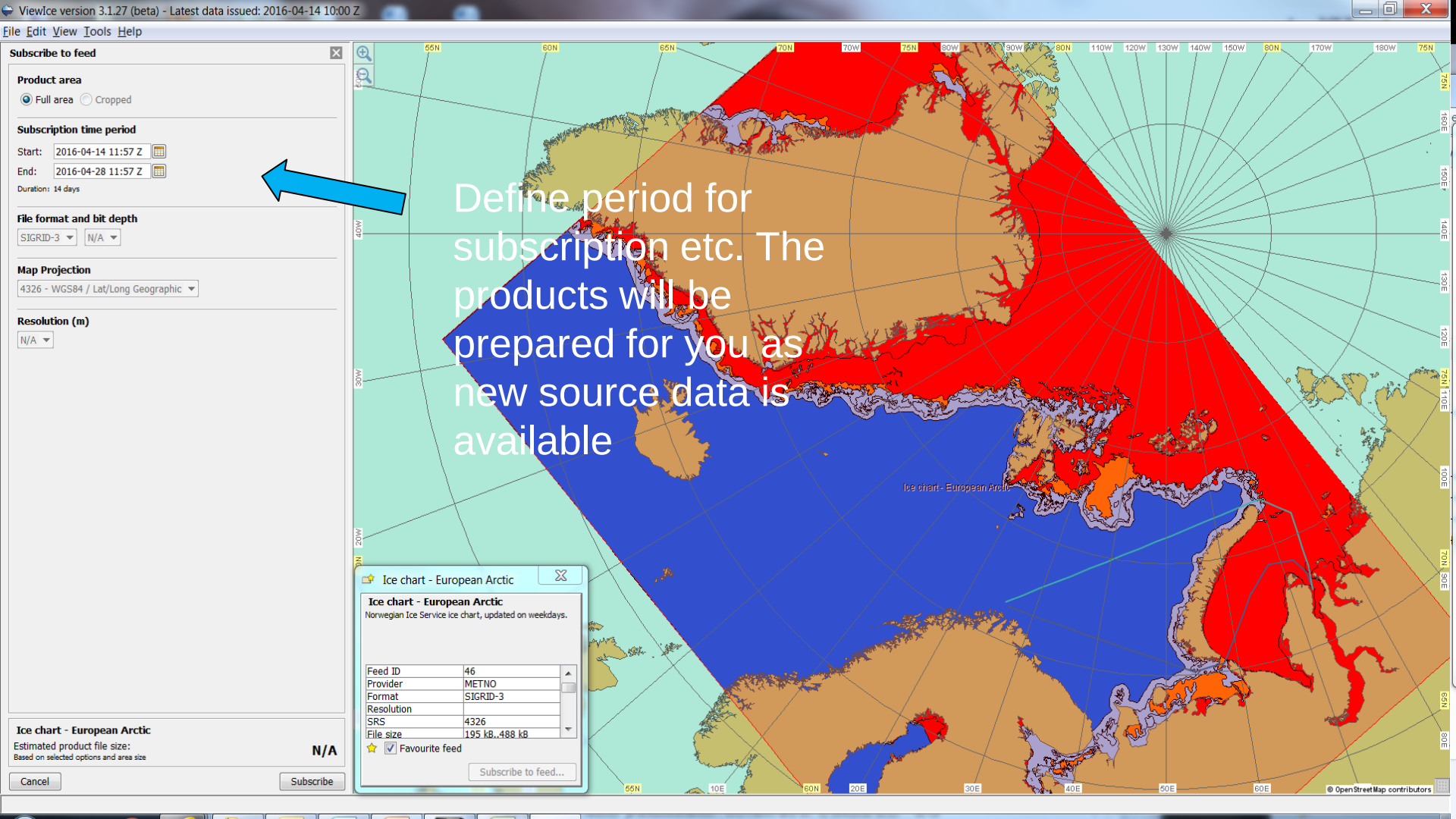
ViewIce version 3.1.27 (beta) - Latest data issued: 2016-04-14 10:00 Z
File Edit View Tools Help
Subscribe to feed
Product area
Full area
Cropped
Subscription time period
Start: 2016-04-14 11:57 Z
End: 2016-04-28 11:57 Z
Duration: 14 days
File format and bit depth
SIGRID-3
N/A
Map Projection
4326 - WGS84 / Lat/Long Geographic
Resolution (m)
N/A
Ice chart - European Arctic
Estimated product file size:
Based on selected options and area size
N/A
Cancel
Subscribe
Define period for subscription etc. The products will be prepared for you as new source data is available
Ice chart - European Arctic
Ice chart - European Arctic
Norwegian Ice Service ice chart, updated on weekdays.
Feed ID 46
Provider METNO
Format SIGRID-3
Resolution
SRS 4326
File size 195 kB..488 kB
Favourite feed
Subscribe to feed...
Ice chart - European Arctic
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Robin.berglund@vtt.fi