

UiT-NPI: DOKIPY meta data elements

Data set title: **JM07 - WP - 183 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoans > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

name: Morten Hald, Katrine Husum, Tine Rasmussen

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phone: 0047 77646455

Summary:

Multi core JM07 - WP - 183 MC (two sections (MC A, MC B)), (78 13.837' N/ 11 00.570' E), was retrieved in 2007 by R/v Jan Mayen from a water depth 340m, from West Spitsbergen Margin (Fram Starit). The core length is 30 cm.

Subsampling: MC A subsamp. 0-5 cm every cm: forams-isotopes-Mg/Ca AND 5-27 cm: reference, MC B subsamp. 0-1 cm: 1/3 sample for dinoflagellates-210Pb, 1/3 sample for coccoliths/IP25, 1/3 sample for diatoms AND 1-15 cm every cm: 1/2 sample for coccoliths/IP25 and 1/2 sample for dinoflagellates. MC B was taken by third party partners, results availability –unknown.

Data set title: **JM07 – WP – 182 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
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Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

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Summary:

Multi core JM07 - WP - 182 MC (three sections (MC A, MC B, MC C)), (77 30.540' / 00 02.270' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 3100 m, from Greenland Basin (Fram Strait). The core length is 60 cm.

MC A subsamp. 0-5 cm every cm: forams-Mg/Ca AND 5-62 cm: reference, MC B subsamp. 0-53 cm every cm: 1/2 sample for dinoflagellates-210Pb and 1/2 sample for coccoliths/IP25, MC C subsamp. 0-1 cm: 1/2 sample for isotopes and 1/2 sample for diatoms. MC B and MC C were taken by third party partners, results availability –unknown.

Data set title: **JM07 - WP - 180 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

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Summary:

Multi core JM07 - WP - 180 MC (two sections (MC A, MC B)), (77 28.610' N/ 02 02.540' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 3029 m, from Greenland Basin, western side (Fram Starit). The core length is 27 cm.

Subsampling: MC A subsamp. 0-5 cm every cm: forams-Isotopes-Mg/Ca AND 5- 27 cm: reference, MC B subsamp. 0-1 cm: 1/3 sample for dinoflagellates-210Pb, 1/3 sample for coccoliths/IP25, 1/3 sample for diatoms AND 1-12 cm every cm dinoflagellates. MC B was taken by third party partners, results availability –unknown.

Data set title: **JM07 – WP – 174 GC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
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Summary:

Gravity core JM07 - WP - 174 GC (73 34.741' N/ 14 34.093' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 2140 m, from East Greenland Margin (Fram Starit). The core length is 539 cm.
Subsampling: 0-100, 100-200, 200-300, 300-400, 400-500, 500-539 (6 sections). Samples from core catcher, core cutter, and "below core cutter". Results availability –unknown.

Data set title: **JM07 – WP – 172 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
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Summary:

Multi core JM07 - WP - 172 MC (three sections (MC A, MC B and MC C)), (73 47.080' N/ 12 21.640' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 2742 m, from East Greenland Margin (Fram Starit). The core length is 50 cm.
Subsampling: MC A subsamp. 0-5 cm every cm: forams-Mg/Ca AND 5-43 cm: reference, MC B subsamp. 0-15 cm every cm: 1/2 sample for dinoflagellates-210Pb and 1/2 sample for coccoliths/IP25, MC C subsamp. 0-1 cm: 1/2 sample for isotopes and 1/2 sample for diatoms. MC B and MC C were taken by third party partners, results availability – unknown.

Data set title: **JM07 – WP – 171 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoans > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
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Summary:

Multi core JM07 - WP - 171 MC (three sections (MC A, MC B and MC C)), (73 46.138' N/ 13 0.603' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 2570 m, from East Greenland Margin (Fram Starit). The core length is 10 cm.

Subsampling: MC A subsamp. 0-5 cm every cm: forams-Mg/Ca AND 5-15 cm: reference, MC B subsamp. 0-7 cm: 1/2 sample dinoflagellates-210Pb and 1/2 sample for coccoliths-IP25, MC C subsamp. 0-1 cm: 1/2 sample for diatoms; 1/2 sample for isotopes NB subsampled immediately as water was lost on deck. MC B and MC C were taken by third party partners, results availability – unknown.

Data set title: **JM07 – WP – 170 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Hyptophytes > Coccolithophores
Biological Classification > Protists > Amoeboids > Foraminifers
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
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Summary:

Multi core JM07 - WP - 170 MC (five sections (MC A, MC B, MC C, MC D, MC E)), (73 44.873' N/ 14 11.956' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 2285 m, from East Greenland Margin (Fram Starit). The core length is 40 cm.
Subsampling: MC A subsamp. 0-5 cm every cm: forams-Mg/Ca, MC B subsamp. 0-15 cm every cm: 1/2 sample for dinoflagellates-210Pb and 1/2 sample for coccoliths-IP25 AND 15-42 cm for reference, MC C subsamp. 0-1 cm: 1/2 sample for diatoms, 1/2 sample for lipids, MC D subsamp. 0-1 cm: isotopes, MC E subsamp. 0-17 cm reference. MC B, MC C, MC D and MC E were taken by third party partners, results availability – unknown.

Data set title: **JM07 – WP – 176 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

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Summary:

Multi core JM07 - WP - 176 MC (three sections (MC A, MC B and MC C)), (69 51.585' N/ 22 07.906' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 482 m, from Scoresby Sound Shelf. The core length is 25 cm.

Subsampling: MC A subsamp. 0-17 cm every cm: forams -Mg/Ca -reference. 0-5 cm preserved in ethanol & Rosa Bengal, MC B subsamp. 0-15 cm every cm: 1/2 sample for dinoflagellates-210Pb and 1/2 sample for coccoliths-IP25, MC C subsamp. 0-1 cm: 1/2 sample for diatoms, 1/2 sample for isotopes. MC B and MC C, were taken by third party partners, results availability – unknown.

Data set title: **JM07 – WP – 168 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
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Summary:

Multi core JM07 - WP - 168 MC (two sections (MC A and MC B), (70 09.000' N/ 14 31.000' W), was retrieved in 2007 by R/v Jan Mayen from a water depth 332 m, from Greenland Sea. The core length is 49 cm.

Subsampling: MC A subsamp. 0-1 cm: 1/2 sample for forams-isotopes-Mg/Ca and 1/2 sample for diatoms, 1 - 10 cm for forams, MC B subsamp. 0-1 cm: 1/2 sample for dinoflagellates-210Pb and 1/2 sample for coccoliths-IP25. #168 on bridge. MC B was taken by third party partners, results availability – unknown.

Data set title: **JM07 –17 BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
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Summary:

Box core JM07 - 17 BC (two sections (BC A and BC B), (N 78 13,816/ E 10 59,638), was retrieved in 2007 by R/v Jan Mayen from a water depth 364 m, from West Spitsbergen Margin. The core length is 21 cm.

Subsampling: BC A (subsamp. 0-1 cm: 1/4 sample for diatoms, dinocysts/coccoliths, isotopes, Mg/Ca and 1-15 every cm for dinocysts/coccoliths), BC B (0-1 cm for forams, subsamp. every cm 1-21 cm for reference). #41 on bridge. No CTD. BC A was taken by third party partners, results availability – unknown.

Data set title: **JM07 –16 BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

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Summary:

Box core JM07 - 16 BC (two sections (BC A and BC B), (N 78 13,080/ E 09 29,774), was retrieved in 2007 by R/v Jan Mayen from a water depth 334 m, from West Spitsbergen Margin. The core length is 19 cm.

Subsampling: BC A (subsamp. 0-1 cm: 1/4 sample for diatoms, dinocysts/coccoliths, isotopes, Mg/Ca), BC B (0-2 cm for forams, subsamp. every cm 2-11 cm for reference). #40 on bridge. No CTD. BC A was taken by third party partners, results availability – unknown.

Data set title: **JM07 –15 BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
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Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

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Summary:

Box core JM07 - 15 BC (two sections (BC A and BC B), (N 78 09,022/ E 09 02,528), was retrieved in 2007 by R/v Jan Mayen from a water depth 1036 m, from West Spitsbergen Margin. The core length is 30 cm.

Subsampling: BC A (subsamp. 0-1 cm: 1/4 sample for diatoms, dinocysts/coccoliths, isotopes, Mg/Ca and 1-15 every cm for dinocysts/coccoliths), BC B (0-1 cm for forams, subsamp. every cm 1-18 cm for reference). #39 on bridge. No CTD. BC A was taken by third party partners, results availability – unknown.

Data set title: **JM07 –14 BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
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Summary:

Box core JM07 - 14 BC (two sections (BC A and BC B), (N 78 08,074/ E 08 30,219), was retrieved in 2007 by R/v Jan Mayen from a water depth 1744 m, from West Spitsbergen Margin. The core length is 25 cm.

Subsampling: BC A (subsamp. 0-1 cm: 1/4 sample for diatoms, dinocysts/coccoliths, isotopes, Mg/Ca), BC B (0-1 cm for forams, subsamp. every cm 1-25 cm for reference). NB labeled BC instead of BC on samples. #38 on bridge. No CTD. BC A was taken by third party partners, results availability – unknown.

Data set title: **JM07 –13 MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Multi core JM07 - 13 MC (two sections (MC A and MC B), (N 78 08,203/ E 08 27,778), was retrieved in 2007 by R/v Jan Mayen from a water depth 1766 m, from West Spitsbergen Margin. The core length is 17 cm.

Subsampling: MC A (subsamp. 0-1 cm: 1/4 sample for diatoms, dinocysts/coccoliths, isotopes, Mg/Ca and 1-15 every cm for dinocysts/coccoliths), MC B (0-1 cm for forams, subsamp. every cm 1-17 cm for reference). #0006 on bridge. MC A was taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 357 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Multi core JM08 –WP- 357 MC (10 sections A-J MC, (77 21.194 N/ 011 09.928 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 761 m, from West Spitsbergen Slope. The core length is 48-59 cm.

Subsampling: MC A: 0-48 cm (every cm) dinoflagellates and Pb. MC B: 0-1 cm diatoms. MC C: 0- 59 cm (every cm) reference. MC D: 0-1 cm Mg/Ca. MC E: 0-1 cm coccos and IP25. MC F: 0-1 cm dinocysts. MC G: coccos and IP25 (frozen). MC H: 0-1 cm isotopes. MC I: 0-58 forams. MC J: porewater. Water samples for delta 18O analysis from bottom water in MC: 2. MC A, B, C, D, E, F, G, H, J were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 355 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 355 MC (10 sections A-J MC, (77 37.626 N/ 009 56.129 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1316 m, from West Spitsbergen Slope. The core length is 52-54 cm.

Subsampling: MC A: 0-1 cm diatoms. MC B: 0-50 cm IP25. MC C: 0-1 cm Mg/Ca. MC D: 0-52 cm forams. MC E: 0-1 cm isotopes. MC F: 0-1 cm coccos and IP25. MC G: reference (frozen). MC H: 0-50 cm dinoflagellates and Pb. MC I: 0-1 cm dinocyst. MC J: coccos and IP25 (frozen). Water samples for delta 18O analysis from bottom water in MC: 2. NB MC A – D from first cast, MC E - J from second cast. MC A, B, C, E, F, G, H, I, J were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 354 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 354 MC (6 sections A-F MC, (77 37.324 N/ 008 59.337 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1926 m, from SW Spitsbergen Slope. The core length is 55-60 cm.

Subsampling: MC A: 0-1 cm diatoms. MC B: 0-1 forams + 1-56 cm as reference (every cm). MC C: 0-1 cm isotopes. MC D: 0-1 cm Mg/Ca. MC E: 0-1 cm coccos and IP25. MCF: 0- 63 cm (every cm) dinoflagellates and Pb. MC A, C, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 353 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models
Education/Outreach > Exhibit Materials > Science Center Exhibits

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 353 MC (12 sections A-L MC, (76 48.384 N/ 011 59.627 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1315 m, from SW Spitsbergen Slope. The core length is 50-57 cm.

Subsampling: MC A: 0-50 cm (every cm) dinoflagellates and Pb. MC B: reference 57 cm (frozen). MC C: 0-1 forams + 1- 50 cm forams. MC D: reference sampled every cm 0-55 cm. MC E: 0-1 cm diatoms. MC F: 0-52 cm (every cm) coccos and IP25. MC F: reference 56 cm (frozen). MC G: 0-1 cm dinocysts (Rochon). MC H: 0-1 Mg/Ca. MC I: 0-1 cm isotopes. MC J: oxygen and pH. MC K: porewater. Water samples for delta 18O analysis from bottom water in MC: 2. MC A, B, D, E, F, G, H, I, J, K were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 350 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoans > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 353 MC (9 sections A-I MC, (76 47.888 N/ 014 58.809 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 245 m, from the Hornsund Deep. The core length is 42-45 cm.
Subsampling: MC A: oxygen and pH. MC B: 0-1 forams + 1-45 cm as reference (every cm). MC C: 0-42 cm (every cm) dinoflagellates and Pb. MC D: reference (frozen). MC E: coccos and IP25 (frozen). MC F: 0-1 cm diatoms. MC G: 0-1 cm isotopes. MC H: 0-1 cm Mg/Ca. Water samples for delta 18O analysis from bottom water in MC: 2. MC A, C, D, E, F, G, H were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 349 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoans > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 349 MC (5 sections A-E MC, (75 59.360 N/ 013 38.690 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1026 m, from the Storfjord Through. The core length is 43-45 cm.

Subsampling: MC A: oxygen and pH. MC B: porewater. MC C: 0-1 cm diatoms (1/2 sample) + Mg/Ca (1/2 sample). MC D: 0-1 forams + isotopes (1/2 sample each) + 1 - 45 cm as reference. MC E: 0 - 43 cm coccos and IP25 + dinoflagellates and Pb (1/2 sample each). Water samples for delta 18O analysis and delta 13C from bottom water in MC: 2. MC A, B, C, E were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 348 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 348 MC (6 sections A-F MC, (75 59.737 N/ 013 17.892 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1264 m, from the Storfjord Through. The core length is 62-73 cm.

Subsampling: MC A: oxygen and pH. MC B: porewater. MC C: reference (frozen). MC D: 0-1 cm diatoms (1/2 sample) + Mg/Ca (1/2 sample). MC E: 0-1 cm coccos and IP25. MC F: 0-1 forams + isotopes (1/2 sample each) Water samples for delta 18O analysis and delta 13C from bottom water in MC (1 each). MC A, B, C, D, E were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 347 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 347 MC (5 sections A-E MC, (76 00.141 N/ 012 53.475 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1500 m, from the Storfjord Through. The core length is 64-70 cm.

Subsampling: MC A: oxygen and pH. MC B: porewater. MC C: 0 - 54 cm (every cm) coccos and IP25 (1/2 sample) + dinoflagellates and Pb (1/2 sample). MC D: 0-1 cm diatoms (1/2 sample) + isotopes (1/2 sample). MC E: 0-1 forams + isotopes (1/2 sample each) + 1-66 cm as reference (every cm). Water samples for delta 18O analysis and delta 13C from bottom water in MC: 2. MC A, B, C, D were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 345 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 345 MC (6 sections A-F MC, (75 59.682 N/ 011 00.103 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2184 m, from the Fram Strait. The core length is 43-50 cm. Subsampling: MC A: 0-1 cm diatoms (1/2 sample) + isotopes (1/2 sample) + 0-45 (every 5 cm) for IP25. MC B: 0-1 forams. MC C: 0-43 cm (every cm) dinoflagellates and Pb. MC D: Coccus and IP25 (frozen). MC E: reference (frozen). MC F: reference (frozen). Water samples for delta 18O analysis from bottom water in MC: 2. MC A, C, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 344 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 344 MC (6 sections A-F MC, (75 58.938 N/ 008 19.384 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2288 m, from the Fram Strait. The core length is 49-53 cm.

Subsampling: MC A: oxygen and pH. MC B: 0-1 forams + 1-53 cm as reference (every cm). MC C: 0 - 1 cm coccos and IP25 (frozen). MC D: 0-1 cm isotopes. MC E: 0-49 cm (every cm) dinoflagellates and Pb. MC F: 0-1 cm diatoms (1/2 sample) + Mg/Ca (1/2 sample). Water samples for delta 18O analysis from bottom water in MC: 2. Large rock (5x3x3 cm) sampled from MC E 29 - 34 cm depth. MC A, C, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 343 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 343 MC (5 sections A-E MC, (75 55.882 N/ 006 49.639 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2618 m, from the Fram Strait. The core length is 30-37 cm.

Subsampling: MC A: 0-1 cm diatoms (1/2 sample) + Mg/Ca (1/2 sample). MC B: 0-1 forams (1/2 sample) + isotopes (1/2 sample) + 1- 37 cm as reference (every cm). MC C: 0 - 1 cm coccos and IP25. MC D: 0-30 cm (every cm) dinoflagellates and Pb. MC E: oxygen and pH. Water samples for delta 18O analysis from bottom water in MC: 2. MC A, C, D, E were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 342 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Multi core JM08 –WP- 342 MC (6 sections A-F MC, (75 59.752 N/ 004 19.589 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 3037 m, from the Fram Strait. The core length is 40-60 cm.

Subsampling: MC A: 0-1 forams + 1-60 cm as reference (every cm). MC B: 0-57 cm (every cm) dinoflagellates and Pb. MC C: 0 -1 cm coccos and IP25 (frozen). MC D: 0-1 cm diatoms (1/2 sample) + Mg/Ca (1/2 sample). MC E: 0-1 cm isotopes. MC F: oxygen and pH. Water samples for delta 18O analysis from bottom water in MC: 2. MC B, C, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 341 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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phone: 0047 77646455

Summary:

Multi core JM08 –WP- 341 MC (5 sections A-E MC, (77 59.720 N/ 004 07.442 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2952 m, from the Fram Strait. The core length is 58-65 cm.

Subsampling: MC A: oxygen and pH. MC B: porewater. MC C: 0 - 62 cm (every cm) coccos and IP25 (1/2 sample) + dinoflagellates and Pb (1/2 sample). MC D: 0-1 cm diatoms (1/2 sample) + isotopes (1/2 sample). MC E: 0-1 forams + 1-58 cm as reference (every cm). Water samples for delta 18O analysis from bottom water in MC: 4. MC A, B, C, D, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 340 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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phone: 0047 77646455

Summary:

Multi core JM08 –WP- 340 MC (2 sections A MC, B MC) (77 59.888 N/ 005 19.770 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2633 m, from the Fram Strait. The core length is 5-60 cm.

Subsampling: MC A: oxygen and pH. MC B: 0-1 forams. Water samples for delta 18O analysis from bottom water in MC: 1. MC A was taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 339 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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phone: 0047 77646455

Summary:

Multi core JM08 –WP- 339 MC (6 sections A-F MC, (77 59.731 N/ 005 58.354 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 2343 m, from the Fram Strait. The core length is 44-53 cm.

Subsampling: MC A: oxygen and pH. MC B: pore water. MC C: 0-53 cm (every cm) dinoflagellates and Pb. MC D: 0-1 cm forams (1/2 sample) + isotopes (1/2 sample) + 1-44 cm (every cm) as reference. MC E: 0-1 diatoms (1/2 sample) + Mg/Ca (1/2 sample). MC F: 0-1 cm coccoids and IP25. Water sample for delta 18O analysis from bottom water in MC: 2. Drop stones collected from 0-2 cm in this MC F. MC A, B, C, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 338 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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phone: 0047 77646455

Summary:

Multi core JM08 –WP- 338 MC (4 sections A, C, D, E MC, (78 10.029 N/ 006 32.731 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1766 m, from the West Spitsbergen Slope (Fram Strait). The core length is 26-33 cm.

Subsampling: MC A: oxygen and pH. MC C: 0-1 forams + 1-33 cm as reference (every cm). MC D: 0-1 cm diatoms (1/2 sample) + isotopes (1/2 sample). MC E: 0 - 25.5 cm (every cm) coccos and IP25 (1/2 sample) + dinoflagellates and Pb (1/2 sample). NB no MC B. Water samples for delta 18O analysis from bottom water in MC: 2. Rocks sampled from 20-21 cm in MC C. MC A, D, E were taken by third party partners, results availability – unknown.

Data set title: **JM08 - WP - 337 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Bioturbation
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM08 –WP- 337 MC (11 sections A-K MC, (78 08.130 N/ 008 30.411 E), was retrieved in 2008 by R/v Jan Mayen from a water depth 1733 m, from the West Spitsbergen Slope (Fram Strait). The core length is 59-65 cm.

Subsampling: MC A: oxygen and pH. MC B: porewater. MC C: frozen. MC D: 0-1 cm diatoms. MC E: 0-1 forams. MC F: 0-1 cm isotopes. MC G: 0-1 cm Mg/Ca. MC H: 0-1 cm coccos and IP25. MC I: 0-1 cm dinocyst. MC J: 0-61 cm (every cm) dinoflagellates and Pb. MC K: 0-61 cm (every cm) reference. Water samples for delta 18O analysis from bottom water in MC: 4. MC A, B, C, D, F, G, H, I, J, K were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 04 - MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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phone: 0047 77646455

Summary:

Multi core JM06 –WP- 04 MC (4 sections A-D MC, (N 78 54,931/ E 006 46,005), was retrieved in 2006 by R/v Jan Mayen from a water depth 1497 m, from the West Spitsbergen Slope (Fram Strait). The core length is 54 cm.
Subsampling: MC A (subsamp. every cm 0-54 cm forams), B (subsamp. every cm 0-54 cm dino-cysts/coccoliths and isotopes), C (cool storage), D (freezer). MC B, C, D were taken by third party partners, results availability – unknown.
Diatoms: 33 diatom samples from 54 cm-long core were barren of diatoms (= < 300 diatoms/sample). Absence of diatoms can be due to their dissolution in sediment (in sea bottom or in storage) or too harsh environment (short growing season/long sea ice period).

Data set title: **JM06 - WP - 07- BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Box core JM06 –WP- 07 BC (3 sections A-C BC, (N 78 52,620/ E 007 20,459), was retrieved in 2006 by R/v Jan Mayen from a water depth 1181 m, from the West Spitsbergen Slope (Fram Strait). The core length is 50 cm.
Subsampling: JM06-WP-07-BC A (frozen), JM06-WP-07- BC B (cool storage), JM06-WP- 07-BC C (subsamp. every cm 0-15 cm. 210Pb and dinocysts/coccoliths), 4 surface samples for the other proxies. BC C was taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 10- BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Box core JM06 –WP- 10 BC (2 sections A and B BC, (N 78 56,176/ E 005 24,075), was retrieved in 2006 by R/v Jan Mayen from a water depth 2483 m, from the Fram Strait. The core length is 37 cm.

Subsampling: JM06-WP-10 BC A (freezer), JM06-WP-10-BC B subsamp. every cm 0-15 cm 210Pb and dinocysts/coccoliths. MC B was taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 12- BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Box core JM06 –WP- 12 BC (6 sections A-F BC, (N 78 54,461/ E 002 24,919), was retrieved in 2006 by R/v Jan Mayen from a water depth 2426 m, from the Fram Strait. The core length is 25 cm.

Subsampling: BC A (freezer), BC B (subsamp. every cm 0-15 cm 210 Pb and dinocysts/coccoliths), BC C (0-1 cm forams), BC D (0-1 cm isotopes), BC E (0-1 cm Mg/Ca), BC F (0-1 cm diatoms). BC A, B, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 14- BC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Box core JM06 –WP- 14 BC (5 sections A-E BC, (N 78 55,888/ E 001 06,460), was retrieved in 2006 by R/v Jan Mayen from a water depth 2502 m, from the Western Fram Strait, sea ice edge. The core length is 32 cm.

Subsampling: BC A (freezer), BC B (0-1 cm forams), BC C (0-1 cm Mg/Ca), BC D (0-1 cm diatoms), BC E (subsamp. every cm 0-15 cm 210Pb and dinocysts/coccoliths), surface sample for isotopes. BC A, D, E were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 16- MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

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Summary:

Multi core JM06 –WP- 16 MC (4 sections A-D MC, (N 78 53,767/ E 016, 916), was retrieved in 2006 by R/v Jan Mayen from a water depth 2546 m, from the Western Fram Strait, sea ice edge. The core length is 50 cm.

Subsampling: MC A (freezer), MC B (subsamp. every cm 0-40 cm 210 Pb and dinocysts/coccoliths), MC C (0-1 cm 1/2 for forams, 1/2 for Mg/Ca), MC D (0-1 cm 1/2 isotopes, 1/2 diatoms).

Data set title: **JM06 - WP - 19- MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM06 –WP- 19 MC (6 sections A-F MC, (N 78 00,776/ E 002 30,173), was retrieved in 2006 by R/v Jan Mayen from a water depth 2859 m, from the Western Fram Strait, sea ice edge. The core length is 52 cm.

Subsampling: MC A (freezer), MC B (subsamp. every cm 0-15 cm 210 Pb and dinocysts/coccoliths), MC C (0-1 cm forams), MC D (0-1 cm diatoms), MC E (0-1 cm isotopes), MC F (0-1 cm Mg/Ca. MC A, B, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 21- MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

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Summary:

Multi core JM06 –WP- 21 MC (6 sections A-F MC, (N 77 00,204/ E 003 23,662), was retrieved in 2006 by R/v Jan Mayen from a water depth 1779 m, from the Western Fram Strait, sea ice edge. The core length is 50 cm.

Subsampling: MC A (0-1 cm Mg/Ca), MC B (0-1 cm diatoms), MC C (0-1 cm forams), MC D (0-1 cm isotopes), MC E (subsamp. every cm 0-15 cm 210 Pb and dinocysts/coccoliths), MC F (freezer). MC A, B, D, E, F were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 24- MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

name: Morten Hald, Katrine Husum, Tine Rasmussen,
address: University of Tromsø, Dramsveien 201, N-9037 Tromsø
phone: 0047 77646455

Summary:

Multi core JM06 –WP- 24 MC (3 sections A, B, C MC, (N 74 38,00/ E 011 11,21), was retrieved in 2006 by R/v Jan Mayen from a water depth 2974 m, from the Western Fram Strait, sea ice edge. The core length is 40 cm.

Subsampling: MC A (subsamp. every cm 0-15 cm 210 Pb and dinocysts/coccoliths), MC B (0-1 cm 1/2 for forams, 1/2 for diatoms), MC C (0-1 cm 1/2 for isotopes, 1/2 for Mg/ca). MC A and MC C were taken by third party partners, results availability – unknown.

Data set title: **JM06 - WP - 26- MC**

Parameters:

Paleoclimate > Ocean/Lake Records > Microfossils
Oceans > Marine Sediments > Particle Flux
Oceans > Marine Sediments > Sediment Chemistry
Oceans > Ocean Chemistry > Carbonate
Oceans > Ocean Circulation > Ocean Currents
Oceans > Ocean Circulation > Water Masses
Paleoclimate > Paleoclimate Reconstructions > Sea Surface Temperature Reconstruction
Paleoclimate > Paleoclimate Reconstructions > Ocean Salinity Reconstruction
Biological Classification > Plants > Microalgae > Diatoms
Biological Classification > Plants > Microalgae > Dinoflagellates
Biological Classification > Plants > Microalgae > Haptophytes > Coccolithophores
Biological Classification > Protists > Amoebozoa > Foraminifera
Biosphere > Aquatic Ecosystems > Plankton > Phytoplankton
Biosphere > Aquatic Ecosystems > Plankton > Zooplankton

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology
Environmental Advisories > Marine Advisories > Sea Ice
Models > Geologic/Tectonic/Paleoclimate Models

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person:

name: Morten Hald, Katrine Husum, Tine Rasmussen,
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phone: 0047 77646455

Summary:

Multi core JM06 –WP- 26 MC (3 sections A, B, C, MC, (N 74 53,49/ E 010 46,10), was retrieved in 2006 by R/v Jan Mayen from a water depth 3064 m, from the Western Fram Strait, sea ice edge. The core length is 30 cm.

Subsampling: MC A (0-1 cm 1/2 for forams, 1/2 for isotopes), MC B (0-1 cm 1/2 for diatoms, 1/2 for Mg/cg), MC C (subsamp. every cm 0-15 cm 210 Pb and dinocysts/coccoliths). MC B, C were taken by third party partners, results availability – unknown.

DOKIPY meta data elements

Data set title: **30 surface sediment samples JM06-WP-07-BC – JM08-WP-357-MC**

Parameters

Biological Classification > Plants> Microalgae> Diatoms
Oceans > Marine Sediments > Sediment Chemistry

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person

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Summary

30 surface sediment samples were recovered in 2006–2008 from the northern Nordic Seas (west-east: 22°07.906' W – 14°58.809' E, south–north: 69°51.585' N – 78°56.176' N) by R/V Jan Mayen from water depths between 245 and 3100 m. The aim of the study was to enlarge the existing training data set (with 139 surface samples) for diatom transfer functions, which are used for quantitative sea surface temperature (SST) reconstructions. At first, 30 samples were analyzed for diatoms. Six samples were barren in diatoms (= <300 diatoms/sample) and they were rejected. In statistical testing by the Weighted average partial least squares (WA-PLS) method, eight samples gave a wrong SST signal due to the temperature stratification of surface water and these samples were rejected. A total of 16 new samples were included in the new extended training data set for diatom transfer functions. The new extended data set includes 155 surface samples with 52 diatom species. The temperature range of the data set is now more extensive for cold summer SST (2–7 C°) and it is a useful tool for the quantitative SST reconstructions of the Arctic waters.

Data set title: **MD99-2322**

Parameters

Biological Classification > Plants > Microalgae > Diatoms
Oceans > Marine Sediments > Sediment Chemistry

Location: Ocean > Atlantic Ocean > North Atlantic Ocean > Svalbard

ISO topic category:

Environmental Advisories > Marine Advisories > Ocean Temperature
Environmental Advisories > Marine Advisories > Marine Biology

Data center – Name of data center: **Geological Survey of Norway (NGU)**

Contact person

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Summary

Core MD99-2322 was recovered from the East Greenland shelf (67°08.18' N, 30°49.67' W) from the deepest part of the Kangerlussuaq Trough from a water depth of 714 m during the IMAGES cruise, Leg 4, in 1999 by R/V Marion Dufresne. The total length of the core is 26.17, and it is stored at INSTAAR, Boulder. For our project, the uppermost 315 cm of the core was subsampled in Boulder and the samples sent to NPI. We use these samples for the diatom based quantitative sea surface temperature reconstructions for the late Holocene (the last 2800 years). The core was analyzed for diatoms continuously at 0.5 cm intervals (= a resolution of 3–4 years) for the uppermost 20 cm (period 1740–1600 AD), at 1.0 cm intervals (= 10 years) for 20–155 cm (1600–800 AD). The core will be analyzed at 4 cm intervals (= 40 years) for 155–315 cm (800 AD–800 BC) in January–February 2011.