

# Weather in Norway

Climatological monthly overview  
February 2025

Lars Grinde, Jostein Mamen, Ketil Tunheim and Signe Aaboe



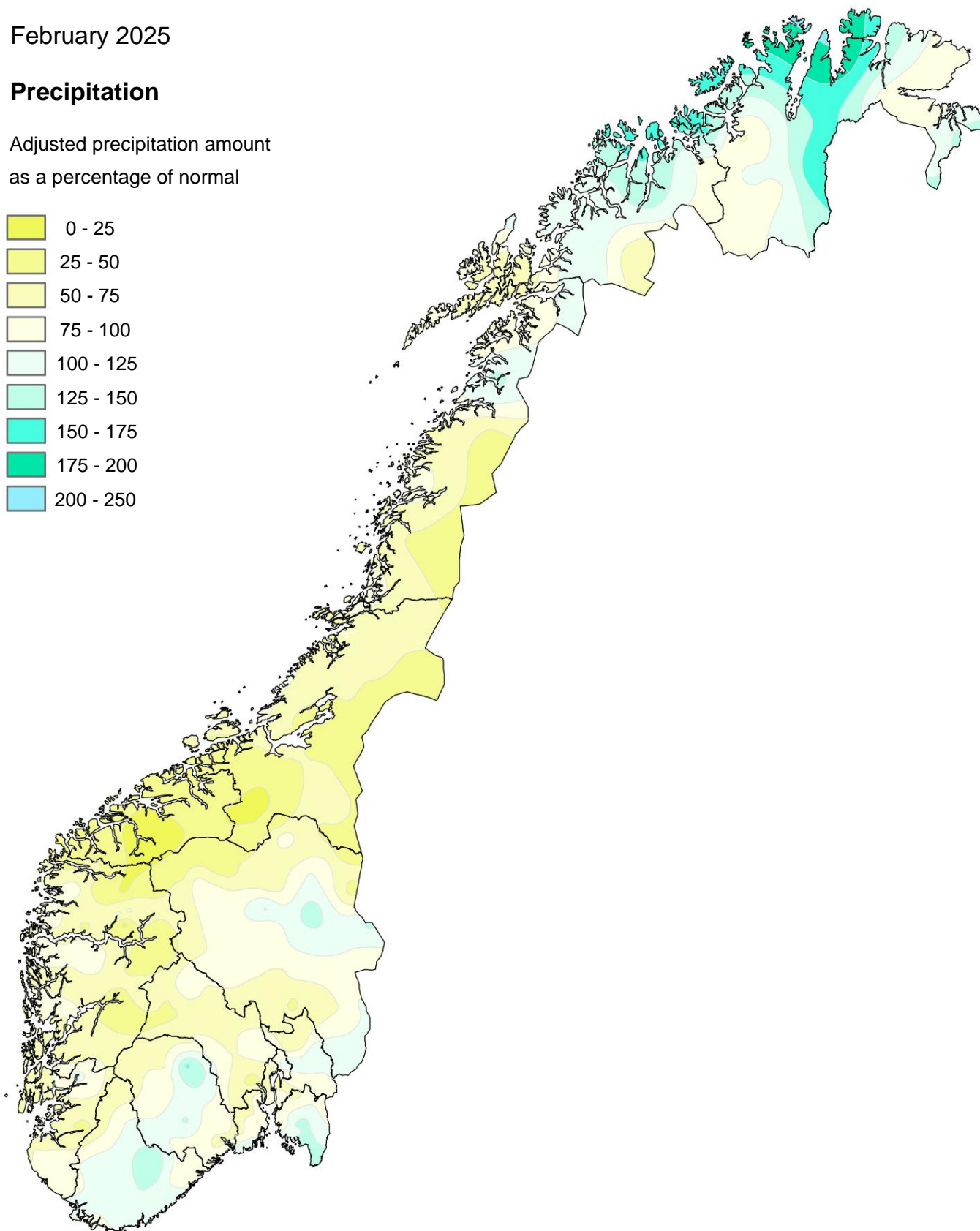
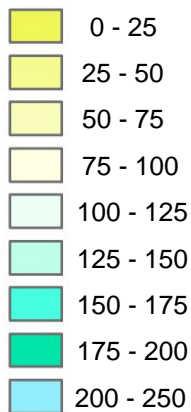
This beautiful morning view, from Molde towards Vestnes, could be enjoyed on February 19th.  
Photo: Agnar Harnes

# Climatological monthly overview

February 2025

## Precipitation

Adjusted precipitation amount  
as a percentage of normal



The normal period is 1991 - 2020.

Released: 01.03.2025

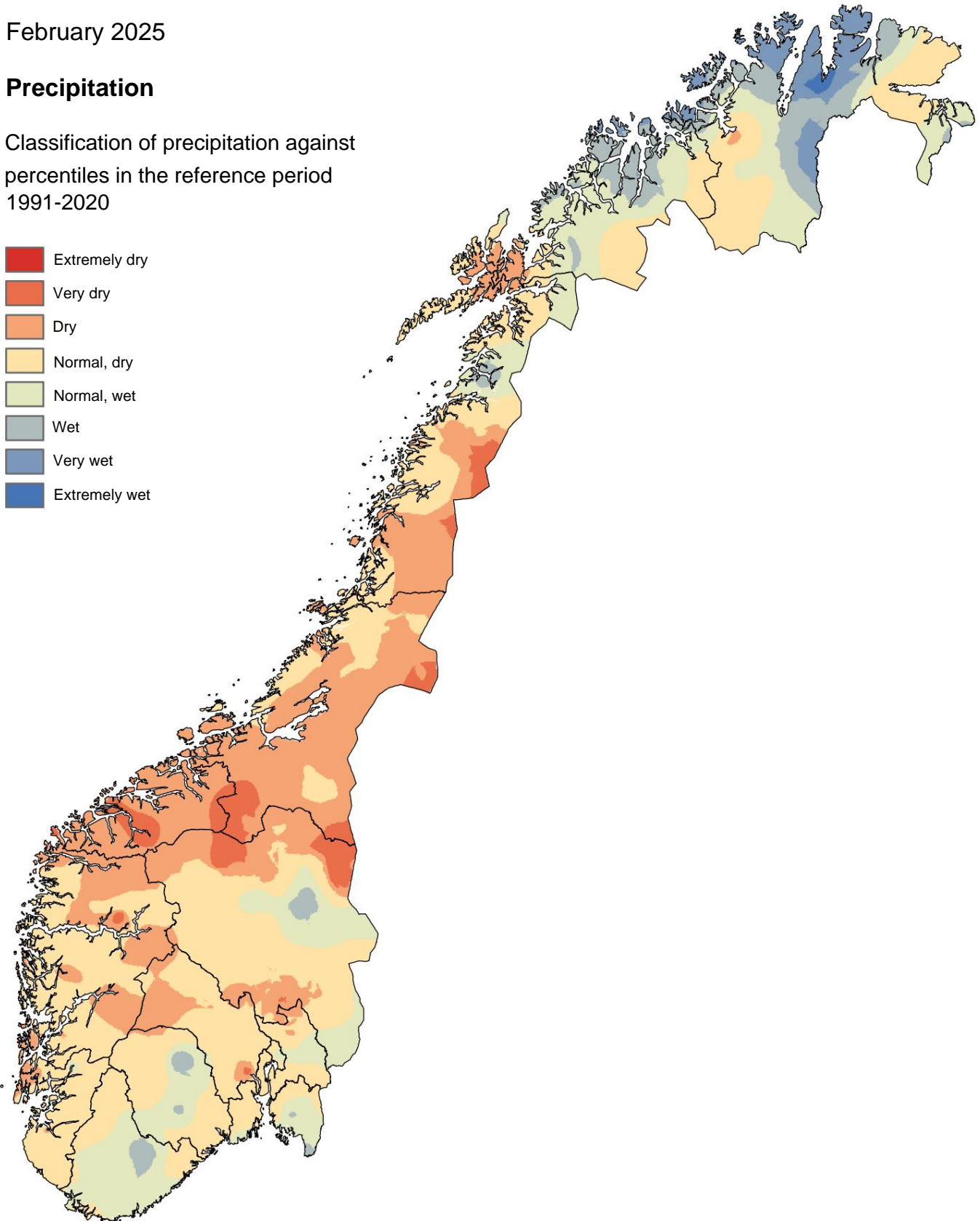
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# Climatological monthly overview

February 2025

## Precipitation

Classification of precipitation against percentiles in the reference period 1991-2020



The normal period is 1991 - 2020.

Released: 01.03.2025

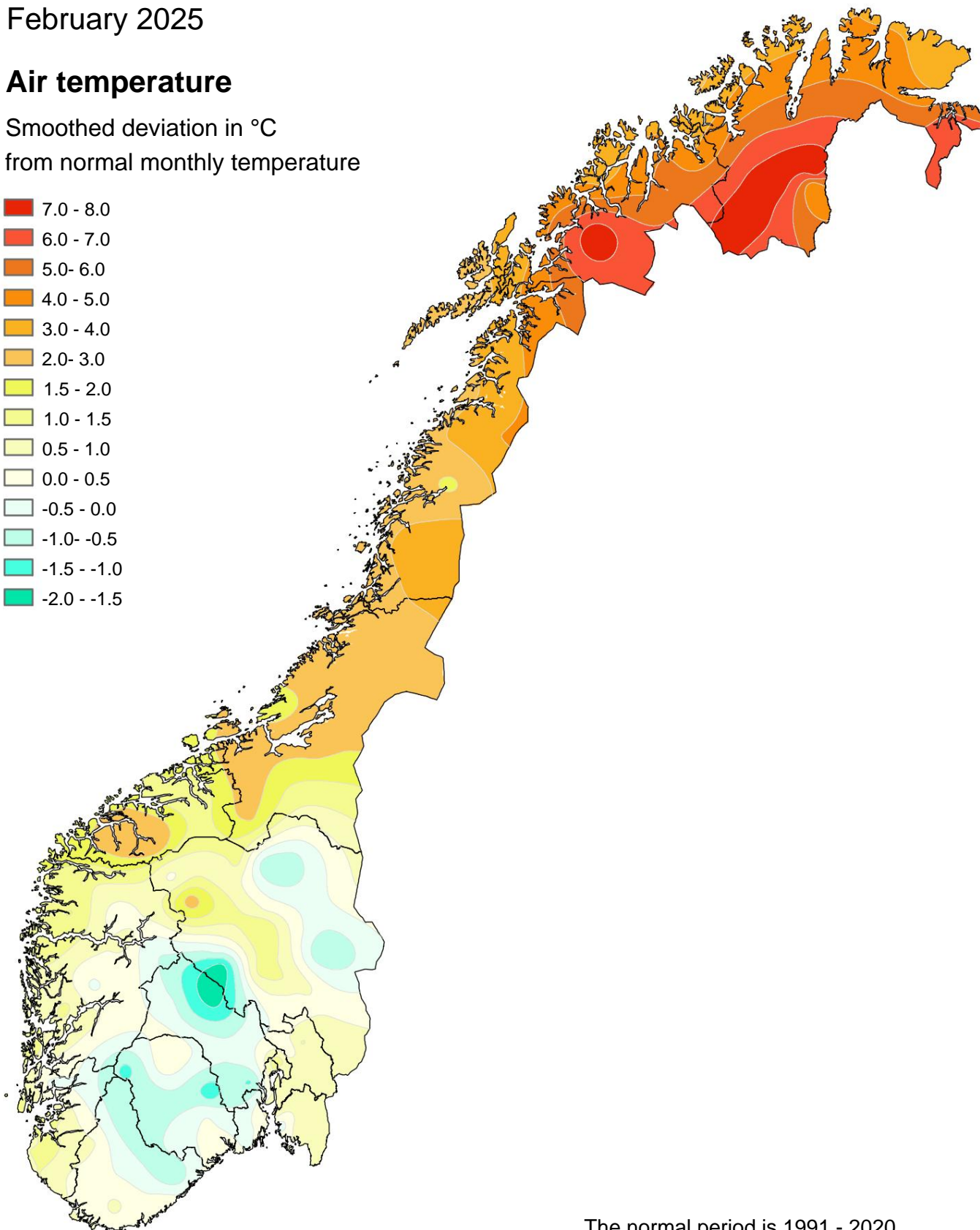
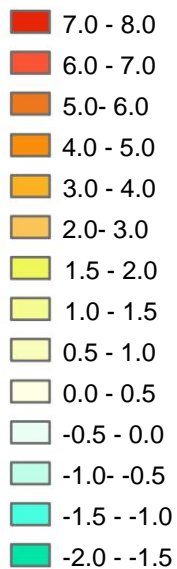
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# Climatological monthly overview

February 2025

## Air temperature

Smoothed deviation in °C  
from normal monthly temperature



The normal period is 1991 - 2020.

Published:

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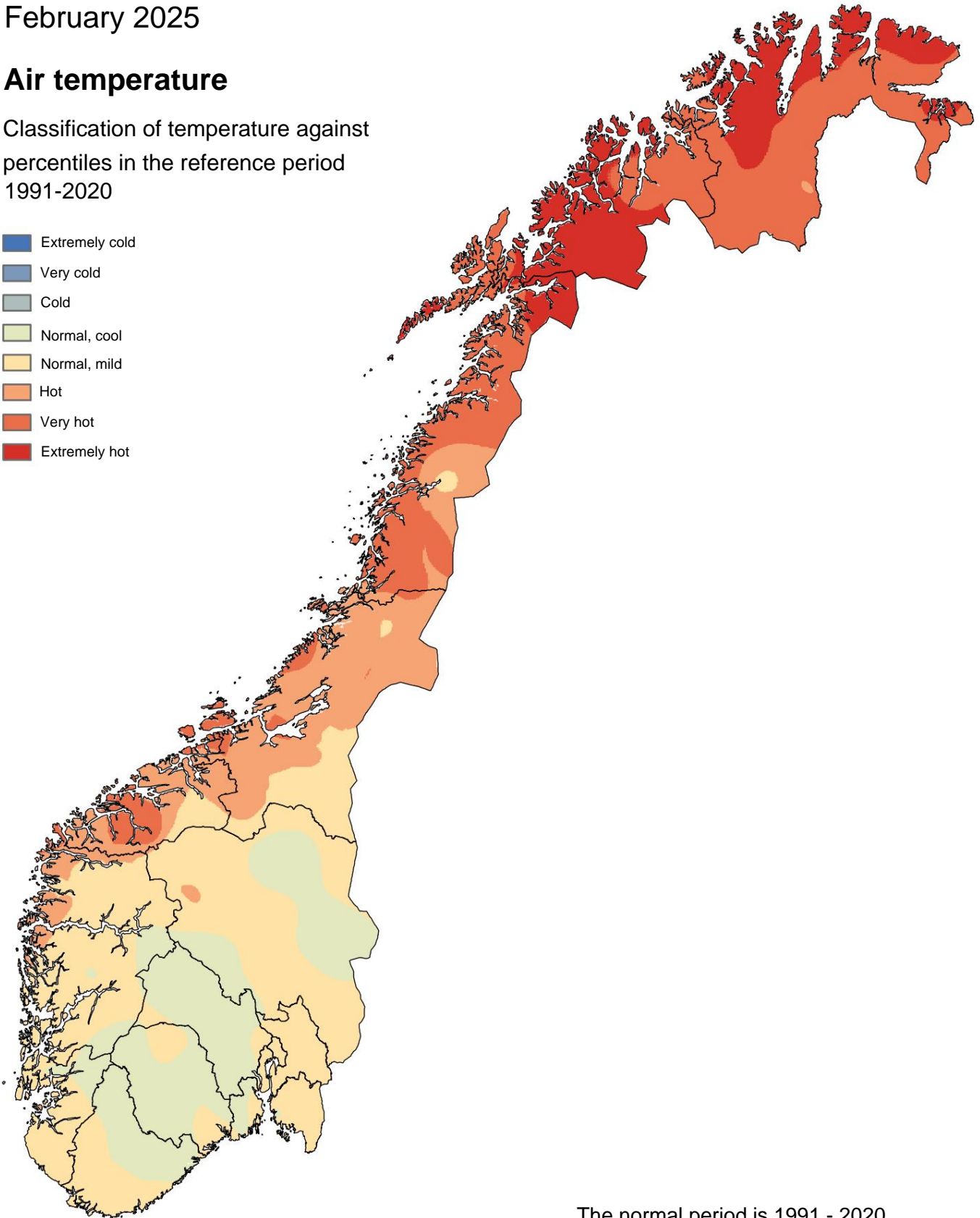
# Climatological monthly overview

February 2025

## Air temperature

Classification of temperature against percentiles in the reference period 1991-2020

-  Extremely cold
-  Very cold
-  Cold
-  Normal, cool
-  Normal, mild
-  Hot
-  Very hot
-  Extremely hot



The normal period is 1991 - 2020.

Published:

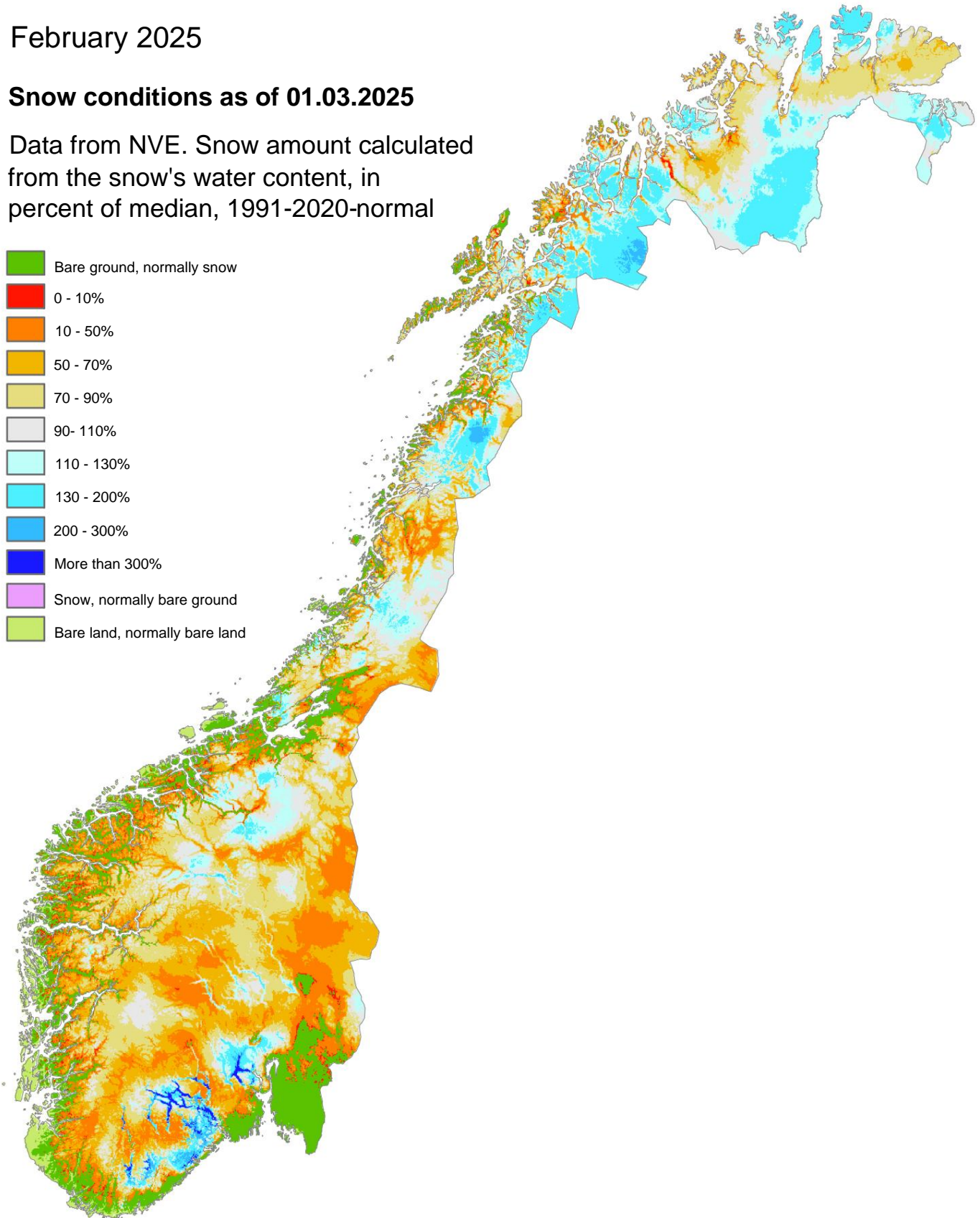
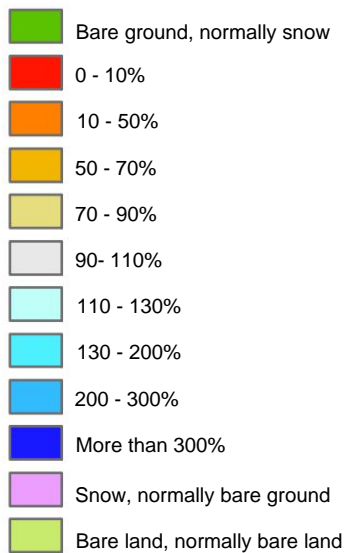
01.03.2025 When used, the Norwegian Meteorological Institute must be cited as the source. <https://www.met.no/publikasjoner/met-info>

# Climatological monthly overview

February 2025

## Snow conditions as of 01.03.2025

Data from NVE. Snow amount calculated from the snow's water content, in percent of median, 1991-2020-normal



The normal period is 1991 - 2020.

Published: 01.03.2025

Map basis from the Norwegian Water Resources and Energy Directorate (NVE)

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## February 2025: County heat records in Nordland and Finnmark, county debt record in Vestland

*The classification of precipitation shows that in Southern Norway February was mostly "Dry" north of Stad and Dovre, and mainly "Normal" elsewhere. In Troms and Finnmark the month was predominantly "Normal", but with some "Wet" and "Very Wet" areas as well. In Nordland February was mostly "Normal" or "Dry".*

*Nationally, there was 20% less precipitation than normal. The temperature classification shows that in Southern Norway, February was mainly "Warm" north of Stad and Dovre, and "Normal" otherwise. In Northern Norway, the month was mostly "Very warm" or "Extremely warm". The national temperature was 2.1 °C above normal.*

### Air temperature

The classification shows that in Southern Norway, February was mainly "Warm" north of Stad and Dovre, and "Normal" otherwise. In Northern Norway the month was mostly "Very warm" or "Extremely warm". See map page 5.

The national temperature was 2.1 °C above normal, and February 2025 was the 17th warmest February in a measurement series dating back to 1901. In this measurement series, February 1990 is the warmest at 5.4 °C above normal, while 1947 is the coldest at 8.7 °C below normal. The largest deviations this year were 7-8 °C above normal at usually cold inland stations in Troms and Finnmark, to around 2 °C below normal at a couple of stations in Telemark, Buskerud and Innlandet.

The Troms county region recorded the second warmest February, with a deviation of 5.5 °C above normal, only beaten by 1959 with a deviation of +6.7 °C.

Over 60 station records for maximum temperature were set, of which two were county heat records for Nordland (Sandnessjøen – Stokka) and Finnmark (Nuvsvåg, Loppa), and over 30 records for high monthly temperatures. Sandhaug (Eidfjord) set a county cold record for Vestland. See the record table at the back of the report.

The warmest stations were

- 59800 Svinøy Lighthouse (Herøy, Møre og Romsdal) 5.2 °C (1.5 °C above normal)
- 59110 Kråkenes (Kinn, Vestland) 5.0 °C (1.9 °C above normal)
- 57770 Ytterøyane Lighthouse (Kinn, Vestland) 4.9 °C (1.5 °C above normal)
  - o 62480 Ona II (Ålesund, Møre og Romsdal) 4.9 °C (1.7 °C above normal)

The coldest stations were

- 29400 Sandhaug (Eidfjord, Vestland) -10.2 °C (0.8 °C below normal)
- 54710 Filefjell - Kyrkjestølane (Vang, Inland) -9.6 °C (1.2 °C below normal)
  - o 9160 Folldal - Fredheim (Folldal, Inland) -9.6 °C (0.7 °C below normal)
- 31970 Gaustatoppen (Tinn, Telemark) -9.2 °C (as normal)

The highest maximum temperature was 17.6 °C, and was recorded on the 22nd at 60400 Norddal (Fjord, Møre og Romsdal). The average of the highest maximum temperature in February in the normal period 1991-2020 is 13.2 °C. The lowest minimum temperature was -36.7 °C, and was recorded on the 4th at 97350 Cuovddatmohkki (Karasjok, Finnmark). The average of the lowest minimum temperature in February in the normal period 1991-2020 is -37.7 °C.

#### Precipitation

The classification shows that in Southern Norway, February was mostly "Dry" north of Stad and Dovre, and mainly "Normal" elsewhere. In Troms and Finnmark, the month was predominantly "Normal", but with some "Wet" and "Very Wet" areas as well. In Nordland, February was mostly "Normal" or "Dry".

See map page 3. Nationwide, there was 20% less precipitation than normal. In the measurement series starting in 1901, February 1990 is the wettest with 70% more precipitation than normal, while 1947 is the driest with 70% less precipitation than normal. The largest deviations this year were 70 to 90% more precipitation than normal at a couple of weather stations in Troms and Finnmark. Some weather stations in Møre og Romsdal and Vestland received 85-90% less precipitation than normal.

Only one station record was set for 24-hour precipitation. See the record table at the back of the report.

The wettest stations were

- 52930 Brekke in Sogn (Gulen, Vestland) 276.3 mm (11% less precipitation than normal)
- 85470 Kongsmarka (Vågan, Nordland) 276.1 mm (17% more precipitation than normal)
- 51990 Myrkdalen-Vetlebotn (Voss, Vestland) 264.2 mm (18% less precipitation than normal)

The average highest monthly precipitation in February in the normal period 1991-2020 is 433 mm.

The driest stations were

- 16560 Dombås - Nordigard (Dovre, Inland) 7.4 mm (74% less precipitation than normal)
- 63820 Drivdalen (Oppdal, Trøndelag) 9.2 mm (69% less precipitation than normal)
- 12110 Stange - Town Hall (Stange, Inland) 9.8 mm (no normal yet)
  - o 15660 Skjåk (Skjåk, Inland) 9.8 mm (51% less precipitation than normal)

The highest daily precipitation was 77.4 mm, and was recorded on the 5th at 56520 Hovlandsdal (Fjaler, Vestland).

The average highest daily precipitation in February in the normal period 1991-2020 is 99 mm.

#### Snow conditions

The snow conditions at the end of the month show that in Southern Norway there is sporadically more snow than normal in some places in Eastern Norway, Southern Norway and north of Dovre, and mostly little snow otherwise. In Northern Norway there are large areas with more snow than normal, especially in Troms. See the map on page 6.



# Arctic

## Air temperature

99710 Bjørnøya was the warmest weather station with an average of  $-1.0\text{ °C}$  ( $4.0\text{ °C}$  above normal). 99884 Klauva was the coldest with an average of  $-8.1\text{ °C}$  (no normal yet).

99910 Ny-Ålesund had an average temperature of  $-3.3\text{ °C}$ , which is  $7.9\text{ °C}$  above normal. At 99720 Hopen the monthly temperature was  $-3.5\text{ °C}$ . This is  $6.0\text{ °C}$  above normal.

99840 Svalbard Airport had an average temperature of  $-4.0\text{ °C}$ , which is  $7.6\text{ °C}$  above normal. 99950 Jan Mayen had a monthly temperature of  $-1.1\text{ °C}$ , which is  $2.3\text{ °C}$  above normal.

Both Bjørnøya, Svalbard Airport and Ny-Ålesund recorded the second warmest February, only beaten by 2014. The measurements go back to 1920, 1975 and 1974, respectively.

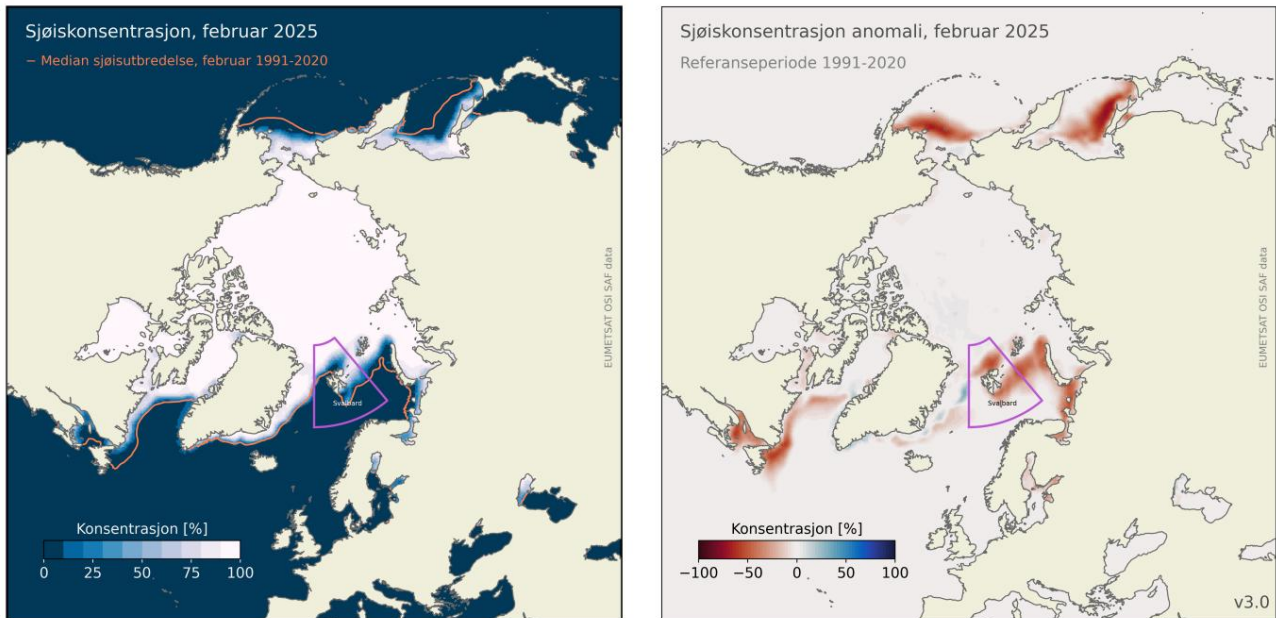
The highest maximum temperature of the month was  $6.4\text{ °C}$ , which was measured on February 26 at 99890 Kaffiøyra. The lowest minimum temperature was measured at 99882 Nedre Sassendalen on the 13th. February with  $-21.3\text{ °C}$ .

## Precipitation

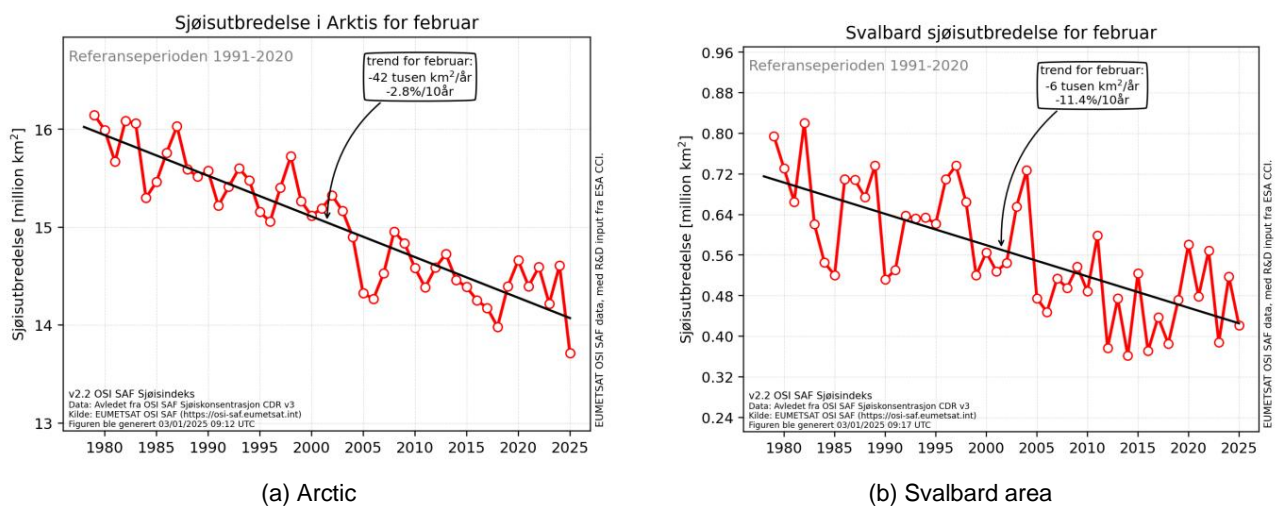
99950 Jan Mayen recorded the most precipitation of the Arctic stations with  $67.9\text{ mm}$  (31% more precipitation than normal). 99910 Ny-Ålesund received the second most with  $57.4\text{ mm}$  (34% more precipitation than normal). Svalbard Airport was the driest with  $8.8\text{ mm}$  (51% less precipitation than normal). Ny-Ålesund measured the highest 24-hour precipitation of the Arctic stations with  $20.7\text{ mm}$  on 3 February.

**Sea**

**ice** In February, sea ice extent in the Arctic (Figure 1) was measured at 13.71 million km<sup>2</sup>, which is a record low prevalence for February recorded by satellite measurements<sup>1</sup> (Figure 2a). Compared to the reference period, this is defined as an extremely low extent. Around Svalbard, the ice extent is now 0.42 million km<sup>2</sup> extent in this area for February (Figure , which is the 6th lowest 2b).



**Figure 1:** Left: Arctic sea ice concentration for February 2025, where blue represents open ocean and white represents 100% ice cover. The orange contour marks the middle ice extent (median) for the period 1991–2020. Right: Percentage deviation of ice concentration from the reference period 1991–2020. Red areas have less ice than normal while blue has more. The purple box indicates the Svalbard region shown in Figure 2b.



**Figure 2:** Sea ice extent (a) in the Arctic and (b) for the Svalbard area for February in the period 1979–2025. The trend is calculated relative to the reference period 1991–2020. The Svalbard area is marked on the map in Figure 1.

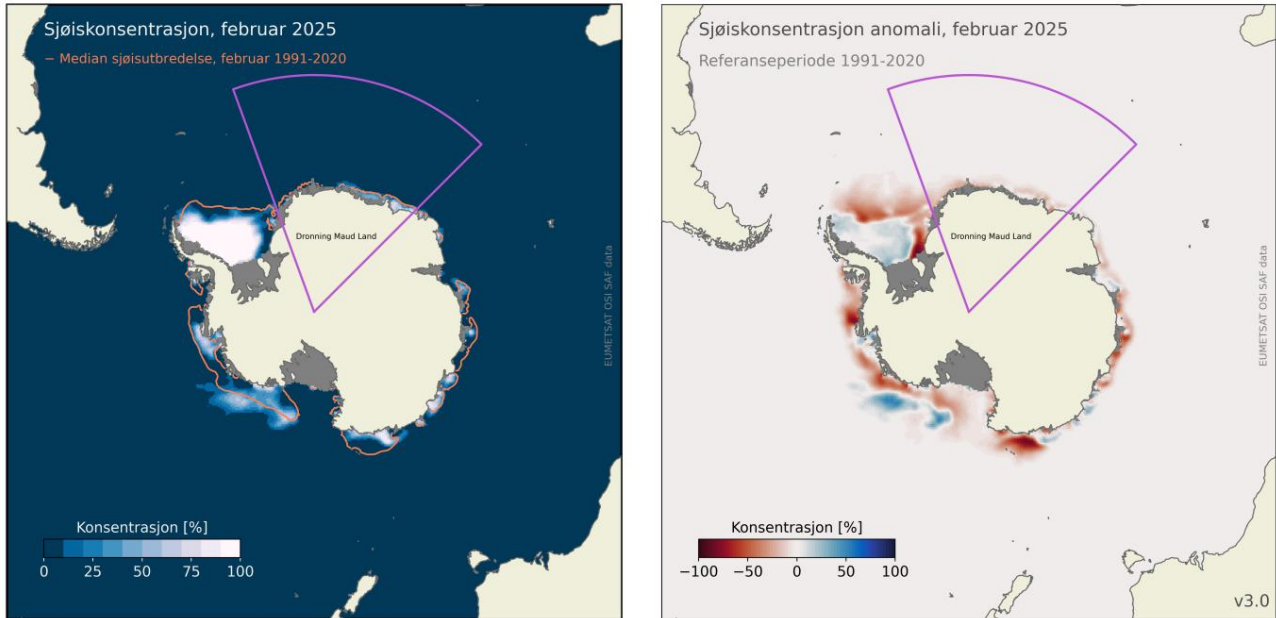
<sup>1</sup>We have satellite observations of sea ice dating back to October 1978.

# Antarctica

## Sea

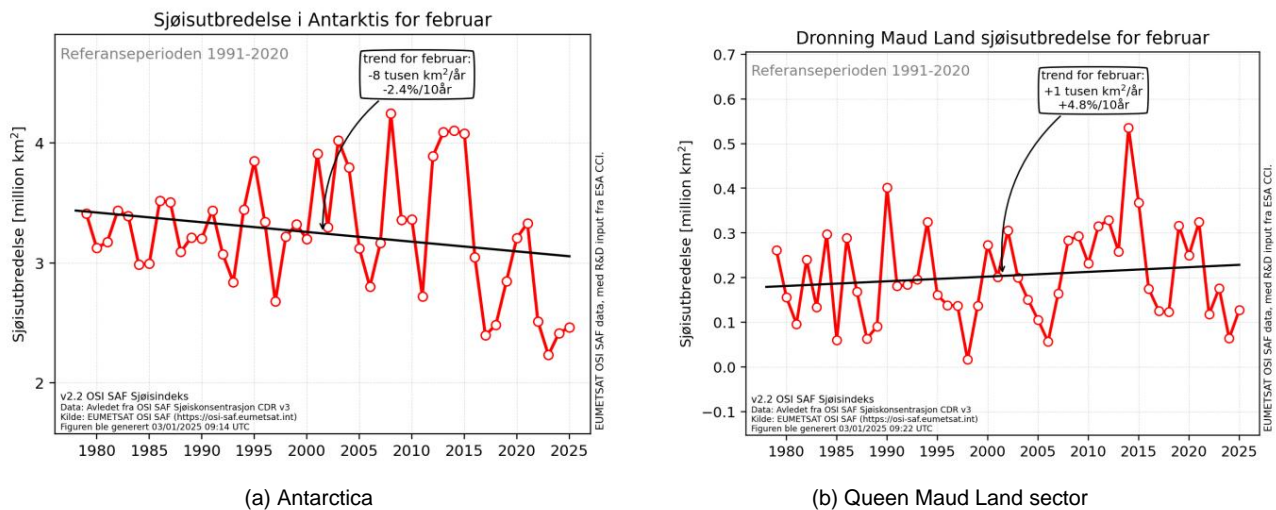
**ice** In the Southern Hemisphere (Figure 3), sea ice extent for February was measured at 2.46 million km<sup>2</sup>, the 4th lowest extent ever recorded for February, and defined as very low compared to the reference period (Figure 4a). In the sea area off Dronning Maud Land, the ice extent is 0.13 million km<sup>2</sup>

, which is the 12th lowest prevalence in this area for February (Figure 4b).



**Figure 3:** Left: Sea ice concentration in Antarctica for February 2025, where blue represents open ocean and white represents 100% ice cover. The orange contour marks the middle ice extent (median) for the period 1991–2020. Right: Percentage deviation of ice concentration from the reference period 1991–2020. Red areas have less ice than normal while blue has more. The gray areas inland represent ice shelves.

The purple box indicates the sea area off Queen Maud Land shown in Figure 4b.



(a) Antarctica

(b) Queen Maud Land sector

**Figure 4:** Sea ice extent (a) in Antarctica and (b) for a sector outside Queen Maud Land (b) for February in the period 1979–2025. The trend is calculated relative to the reference period 1991–2020. The Queen Maud Land sector is marked on the map in Figure 3.

See more updated graphs for sea ice on MET's cryosphere website <https://cryo.met.no/nb/sjoe-is-indeks>.

## Records

Data from weather and precipitation stations that report daily and have been in operation for fifteen years or more. "Start" indicates the first year of local February measurements. \* means tangent of record.

### Stations with new February record for 24-hour precipitation

Strn.	Name	Municipality	mm	Date	Start	Previous	mm
76530	Tjøtta	Alstahaug (Nordland)	45.1	05	1985	26.02.1998	40.8

### Stations with new February record for high monthly average temperature

Strn.	Name	Municipality	°C	Start	°C	Previous	
80610	Mycenae	Rødøy (Nordland)	3.9*	1993	3.9	2014	
80740	Reipå	Meløy (Nordland)	2.1	2010	1.3	2014	
84500	Straumsnes	Narvik (Nordland)	0.0	2011	-0.5	2014	
84970	Evenes Airport	Evenes (Nordland)	0.6*	2004	0.6	2014	
85040	Rotvaer	Lødingen (Nordland)	2.3	2009	2.2	2014	
85380	Skrova lighthouse	Vågan (Nordland)	3.0	1931	2.9	1959	
85560	Leknes Airport	Vestvågøy (Nordland)	2.3	2005	2.2	2014	
85840	Værøy heliport	Vaerøy (Nordland)	3.8	2005	3.5	2014	
86740	Bø in Vesterålen III	Bo (Nordland)	2.9	2004	2.5	2023	
87110	Andøya	Andøy (Nordland)	2.1*	1963	2.1	2003	
87120	Andøya - Trolltinden	Andøy (Nordland)	-0.9	2010	-1.2	2014	
87640	Harstad stadium	Harstad (Troms)	1.8	2003	1.3	2003	
88690	Hekkingen lighthouse	Senja (Troms)	2.5	1980	2.4	2003	
90400	Tromsø - Holt	Tromsø (Troms)	1.2*	1994	1.2	2003	
90490	Tromsø - Langnes	Tromsø (Troms)	0.8	1965	0.6	2003	
90720	Måsvik	Tromsø (Troms)	2.7	2010	2.1	2014	
90760	The compartment	Karlsøy (Troms)	1.6	2010	0.9	2023	
90800	Torsvåg lighthouse	Karlsøy (Troms)	2.8	1934	1990, 2003	2.4	
91380	Skibotn II	Storfjord (Troms)	-0.5	2005	-0.6	2014	
91430	Rihpojavi	Storfjord (Troms)	-4.1	2010	2014, 2023	-4.4	
91740	Sorkjosjen Airport	Northern Journey (Troms)	-0.1	2006	-0.7	2014	
92350	Nordstraum in Kvænangen	Kvænangen (Troms)	0.5	1966	0.3	2003	
92750	Hasvik Airport	Hasvik (Finnmark)	1.3	2006	1.2	2014	
93301	Suolovuopmi - Lulit	Kautokeino (Finnmark)	-6.0	2005	-6.1	2014	
94280	Hammerfest Airport	Hammerfest (Finnmark)	-0.3	2004	-0.9	2014	
94500	Fruholmen lighthouse	Måsøy (Finnmark)	1.5*	1955	1.5	1959	
94680	Honningsvåg Airport	North Cape (Finnmark)	0.2	2004	2014, 2023	-0.4	
96310	Mehamn Airport	Gamvik (Finnmark)	-0.6	2004	2014, 2023	-1.8	
98090	Berlevåg Airport	Berlevåg (Finnmark)	-0.7	2004	2017, 2023	-1.9	
98360	Båtsfjord - Straumsnesaxla	Båtsfjord (Finnmark)	-3.1	2005	-3.6	2014	
98400	Makkaur lighthouse	Båtsfjord (Finnmark)	-0.5	1925	-1.5	1990	-0.6
98580	Vardo Airport	Vardo (Finnmark)	2008	-2.2*		2014	-1.7
98790	Vadso Airport	Vadso (Finnmark)	2004			2014	-2.2

## Stations with new February record for maximum temperature

Stnr.	Name	Municipality	°C	Day	Start Previous	11.2 21	°C
48330	Slätterøy lighthouse	Bomlo (Westland)	1955	26.02.1978	11.6	22 2008	11.2
52310	Modalen III	Modalen (Vestland)	25.02.2014	10 4 21	2004	03.02.2017	10.4
52535	Fedje	Fedje (Westland)	13.4	22 1956	15.02.2019	9.6 22	9.6
52860	Tackle	Gulen (Westland)	2003	24.02.2019	11.6*	21 2002	12.5
55700	Sogndal Airport	Sogndal (Westland)	23.02.2006	14.4 22	1957	09.02.1992	9.0
57710	Floro Airport	Chin (Westland)	13.2	21 2002	23.02.2019		11.6
58070	Sandane	Gloppen (Vestland)					12.8
59110	Krakenes	Chin (Westland)					12.5
59800	Svinøy lighthouse	Herøy (Møre and Romsdal)	12.4	21	1955	23.02.2019	12.1
62480	Ona II	Ålesund (Møre and Romsdal)	13.0*	22	1978	23.02.2019	13.0
65310	Veiholmen	Smøla (Møre and Romsdal)	11.2	24	2002	08.02.2023	10.4
65940	Sula	Freya (Trøndelag)	11.5	24	1975	08.02.2023	9.9
66150	Orkdal - Thamshamn	Orkland (Trøndelag)	12.3	24 9.6	2006	25.02.2014, 29.02.2024	11.0
70850	Snåsa - Kjevlia	Snåsa (Trøndelag)	22		1954	25.02.2014	8.9
71000	Steinkjer - South Egg	Steinkjer (Trøndelag)	10.9	24	1992	24.02.2014	10.7
71550	Ørland III	Ørland (Trøndelag)	10.9	24	1955	06.02.1990, 24.02.2014	10.4
71780	Åfjord II	Åfjord (Trøndelag)	11.6	24	2007	24.02.2014	10.2
74350	Namsskogan	Nams Forest (Trøndelag)	9.3	24	2006	24.02.2014	8.0
75220	Rørвик Airport	Naeroysund (Trøndelag)	10.1	22	2002	24.02.2014	9.0
76330	Bronnoysund Airport	Brønnøy (Nordland)	11.4	22	2002	08.02.2023	11.2
76450	Vega - Vallsjø	Vega (Nordland)	11.5	22	1991	08.02.2023	11.2
76750	Sandnessjøen lh – Stock	Alstahaug (Nordland)	13.41	22 7.2	2003	25.02.2011	12.2
77425	Majavatn V	Grane (Nordland)	22	10.8	2007	23.02.2019	6.8
80102	Solvær III	Luroy (Nordland)	22	9.6 22	2007	08.02.2023	9.4
80610	Mycenae	Rødøy (Nordland)	12.2	22	1992	08.02.2023	8.8
80700	Glomfjord	Meløy (Nordland)	12.4	22	1955	04.02.1975	11.4
80740	Reipå	Meløy (Nordland)	10.7	22 8.4	2009	08.02.2023	10.2
82410	Helligvaer II	Bodo (Nordland)	07	8.6 22	2005	01.02.2009	8.9
84970	Evenes Airport	Evenes (Nordland)	9.8	22 9.9	2002	23.02.2024	8.2
85040	Rotvaer	Lødingen (Nordland)	22		2008	09.02.2023	8.2
85380	Skrova lyre	Vågan (Nordland)			1954	03.02.1975	8.5
85450	Svolvaer Airport	Vågan (Nordland)			2002	13/02/2017	8.7
85560	Leknes Airport	Vestvågøy (Northland)	10.0	07 8.5	2002	14.02.2019	9.1
85840	Værøy heliport	Værøy (Nordland)	22	8.6 22	2004	23.02.2019	8.4
85890	Røst Airport	Voice (Nordland)			2002	06.02.2023	8.4
86600	Stokmarknes lh – Skagen	Hadsel (Nordland)	9.2	23	2003	25.02.2011	8.2

86740	Bø in Vesterålen III	Bo (Nordland)	9.0 22 9.5	2003 07.02.2023	8.0
87110	Andøya	Andøy (Nordland)	07 9.2 22	1958 23.02.1980	8.1
87640	Harstad stadium	Harstad (Troms)	11 22 9.5	2002 13.02.2017	8.6
88690	Hekkingen lighthouse	Senja (Troms)	23 9.0 22	1979 24.02.2019	10.4
89350	Bardufoss	Målselv (Troms)	8.5 23 8.4	1946 28.02.1959	9.0
90400	Tromsø - Holt	Tromsø (Troms)	23 10.7 22	2001 26.02.2011	8.8
90450	Tromsø	Tromsø (Troms)	10.0 22	1924 02/09/1935	8.2
90490	Tromsø - Langnes Tromsø	(Troms)		1964 20.02.2004	7.7
90720	Måsvik	Tromsø (Troms)		2009 26.02.2011	9.9
90800	Torsvåg lighthouse	Karlsøy (Troms)		1956 26.02.2011	9.2
92350	Nordstraum in The Queen	Kvaenangen (Troms)	11.9 07	1965 12.02.2008	10.5
92650	Nuvsvag	Flea (Finnmark)	11.92 08	2016 07.02.2023	10.7
92750	Hasvik Airport	Hasvik (Finnmark)	10.1 07 10.7	2002 09.02.2023	9.6
93140	Alta Airport	Alta (Finnmark)	07	1963 27.02.1984	8.9
93301	Suolovuopmi - Lulit	Kautokeino (Finnmark)	6.9 07	2004 07.02.2023	5.4
94280	Hammerfest Airport	Hammerfest (Finnmark)	9.3 07 9.6	2002 12.02.2008	8.1
94500	Fruholmen lighthouse	Måsøy (Finnmark)	23	1954 02/09/2023	8.9
94680	Honningsvåg Airport	North Cape (Finnmark)	9.5 07	2002 12.02.2008	7.8
95350	Banak	Porsanger (Finnmark)	9.9 07 8.2	1957 26.02.1984	9.4
96310	Mehamn Airport	Gamvik (Finnmark)	08 7.8 07	2003 01.02.2009	7.0
96400	Slettnes lighthouse	Gamvik (Finnmark)		1956 12.02.1959	6.8
97251	Karasjok - Markannijarga	Karasjok (Finnmark)	7.2 07 6.7	2004 07.02.2023	6.2
97350	Cuovddatmohkki	Karasjok (Finnmark)	07 7.7 07	1966 20.02.2004	6.2
98090	Berlevåg Airport	Berlevåg (Finnmark)		2002 07.02.2023	6.3
98360	Boatsfjord - Straumsnesaxla	Båtsfjord (Finnmark)	6.2 08 8.2	2002 01.02.2009	6.0
98400	Makkaur lighthouse	Båtsfjord (Finnmark)	07 6.9 07	1954 12.02.1959	7.7
98550	Vardo radio	Vardo (Finnmark)	7.0 07 6.8	1931 26.02.1975	6.7
98580	Vardo Airport	Vardo (Finnmark)	07	2007 12.02.2020	5.9
98790	Vadso Airport	Vadso (Finnmark)		2002 07.02.2023	6.4
99460	Rasvik - Svanvik	South Varanger (Finnmark)	6.9 07 4.8	2009 28.02.2022	5.2
99720	Hopen	Svalbard	23	1948 01.02.1951	4.5

1New county heat record for Nordland. The old record was 11.8 °C, and was recorded at 81680 Saltdal on 07.02.1992. 2New county heat record for Finnmark. The old record was set on 12.02.1959 at 93150 Alta Elvebakken.

#### Stations with new February minimum temperature record

Stnr.	Name	Municipality	°C	Date Start	Previous	°C
29400	Sandhaug	Eidfjord (Westland)	-36.01	16 2008 10.02.2009		-33.6

1New county cold record for Vestland. The old record was -34.9 °C and was set on 05.02.2001 at 25830 Finsevatn.