

## Svalbard and Jan Mayen solar set up for aircon

Are Longyearbyen and Svalbard facing an energy transition?

Top image: Longyearbyen and Svalbard are facing an energy transition. This is the background for the cooperation agreement between UNIS, Store Norske and SINTEF. Photo: Graham Gilbert/UNIS. Longyearbyen and Svalbard are facing a huge energy transition.

Could a new solar project help remote Arctic communities transition to green energy?

Norway has installed the world's northernmost ground solar panels in its Svalbard archipelago, a region plunged in round-the-clock darkness all winter. The pilot project could help remote Arctic communities transition to green energy.

Why is environmental monitoring so important in Svalbard & Jan Mayen?

Consequently, considerably more environmental monitoring takes place in Svalbard and Jan Mayen than that which is included in MOSJ. A thorough scientific understanding of the state of the environment there requires that we monitor far more than what may at the moment seem most relevant for decision making.

Why do solar panels work in Isfjord Radio?

The solar panels also benefit from the "albedo" effect, the reflective power of snow and ice, as well as low temperatures that improve their efficiency. On the flipside, the region is plunged into total darkness from early October until mid-February, which makes it impossible for Isfjord Radio to completely give up fossil fuels.

What is the longest data series from Svalbard Airport?

The longest data series is from Svalbard Airport, and started in 1898. It shows periods of rising temperatures from 1915 to the 1930s and 1970 until today, but cooling from the 1950s to about 1970. When the period is viewed as a whole, the temperature on average has risen by 0.32°C per decade.

Does ice affect the temperature in Svalbard?

The temperature in Svalbard is strongly affected by ice, which can vary widely from year to year. Hence, the seasons with ice present show greater variation in average temperature from year to year. Trends in seasonal mean temperatures at Svalbard Airport shows a temperature increase for all four seasons.

Jan Mayen. Die norwegische Insel Jan Mayen wird oft in einem Atemzug mit Spitzbergen und Svalbard genannt. In der Tat wurde die Insel bis Ende 1994 vom Sysselmannen in Longyearbyen verwaltet, aber seitdem geschieht das vom Festland aus. Die ...

See towering mountains, stunning fjords, majestic waterfalls and gigantic glaciers as you explore Svalbard, Jan Mayen, Greenland and Iceland. Spend several days soaking up the natural beauty of Northwest

Spitsbergen National Park and the ...

Jan Mayen ist eine 373 km<sup>2</sup>; groÙe Insel etwa 550 km nordstlich von Island und rund 500 km stlich von Grönland [1] an der Grenze zwischen der Grönlandsee und dem Europäischen Nordmeer. Sie gehört politisch zu Norwegen, ist aber keiner der norwegischen Provinzen zugeordnet. Die Insel wird von der Provinz Nordland verwaltet; der zuständige Verwaltungssitz ...

Things change, webcams are taken out of operation while new ones may be set up. Please don't hesitate to get in touch when you see that something is not working as expected or you are aware of a webcam that should be included. Longyearbyen. Webcam in ...

Svalbard and Jan Mayen offer an unparalleled encounter with the Arctic's untamed beauty - a journey through snow-capped mountains, icy fjords, and a world of rare wildlife. These lands invite adventurers to embark on an Arctic expedition, witnessing the wonders of nature in its purest form, leaving an indelible mark of awe and reverence for the ...

The solar day over the course of January 2024. From bottom to top, the black lines are the previous solar midnight, sunrise, solar noon, sunset, and the next solar midnight. ... The daily ...

A wet day is one with at least 0.04 inches of liquid or liquid-equivalent precipitation. The chance of wet days at Svalbard Airport, Longyear varies throughout the year. The wetter season lasts 8.2 months, from July 21 to March 28, with a greater than 18% chance of a given day being a wet day. The month with the most wet days at Svalbard Airport, Longyear ...

Cruise to Jan Mayen and Svalbard aboard a small 114-passenger expedition ship and discover remote places of the archipelago, take Zodiac excursions and join sea kayaking. ... by boat. This volcanic island boasts incredible vistas of the northernmost active volcano in the world. We'll set foot on Jan Mayen's volcanic beaches, visit a ...

Dec 13, 2024 - Rent from people in Svalbard, Svalbard and Jan Mayen from \$20/night. Find unique places to stay with local hosts in 191 countries. Belong anywhere with Airbnb. ... navigate with up and down arrow keys or explore by ...

Longyearbyen, Svalbard and Jan Mayen - Climate and weather forecast by month. Detailed climate information with charts - average monthly weather with temperature, pressure, humidity, precipitation, wind, daylight, ...

MOSJ (Environmental Monitoring of Svalbard and Jan Mayen) is an environmental monitoring system and

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part of the Norwegian Government's environmental monitoring in Norway. The site provides historical climate ...

September Weather in Longyearbyen Svalbard & Jan Mayen. Daily high temperatures decrease by 8°F, from 41°F to 32°F, rarely falling below 24°F or exceeding 47°F.. Daily low ...

Internet use in Svalbard and Jan Mayen in 2024. There were 2,435 internet users in Svalbard and Jan Mayen in January 2024.. Svalbard and Jan Mayen's internet penetration rate stood at 93.8 percent of the total population at the start of 2024.. Kepios analysis indicates that internet users in Svalbard and Jan Mayen increased by 423 (+21.0 percent) ...

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The islands are located north and northwest of Norway, within the southern limits of Arctic sea ice-- the northernmost point of Svalbard is within a 620 mi (1,000 km) of the North Pole. Svalbard is approximately 24,570 square mi (63,000 ...

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