
National Report on the Icelandic Weather Radar Network

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New Radars

Installation 2021-2023 of three new state-of-the-art C-band weather radars in Iceland, replacing two old ones. Leonardo Meteor 735CDP10

- Oct 2021 **Keflavík – iskef** renewed
 - Dual-Pol, 480 kW, 5450 MHz
- Sep 2022 **Skagi – isska** new site
 - 66.0558°N, 20.2680°W, 164 m asl.
- Aug 2023 **Bjólfur (Beowulf) – isbjo**
new site replacing Fljótsdalsheiði - isegs
 - 65.2658°N, 14.0619°W, 1090 m asl.



New Radar Site – Skagi, N-Iceland



New radar at Skagi N-Iceland (66°N, 20°W, 164 m asl.). Photo Hermann Arngrímsson 14 Nov. 2022.

Data Retrievals 2022

Keflavík - iskef

- Jan–Dec 2022: 94.9%



Keflavík SW-Iceland Leonardo Meteor 735CDP10 radar (2021). Photo Hermann Arngrímsson Sept. 2021.

Fljótsdalsheiði - isegs

- Jan–Dec 2022: 94.9%



Fljótsdalsheiði E-Iceland EEC C-band radar. Photo Hermann Arngrímsson 8 July 2016.

Mobile - isx1

- Jan–Dec 2022: 76%

Mobile - isx2

- Jan–Dec 2022: 83%

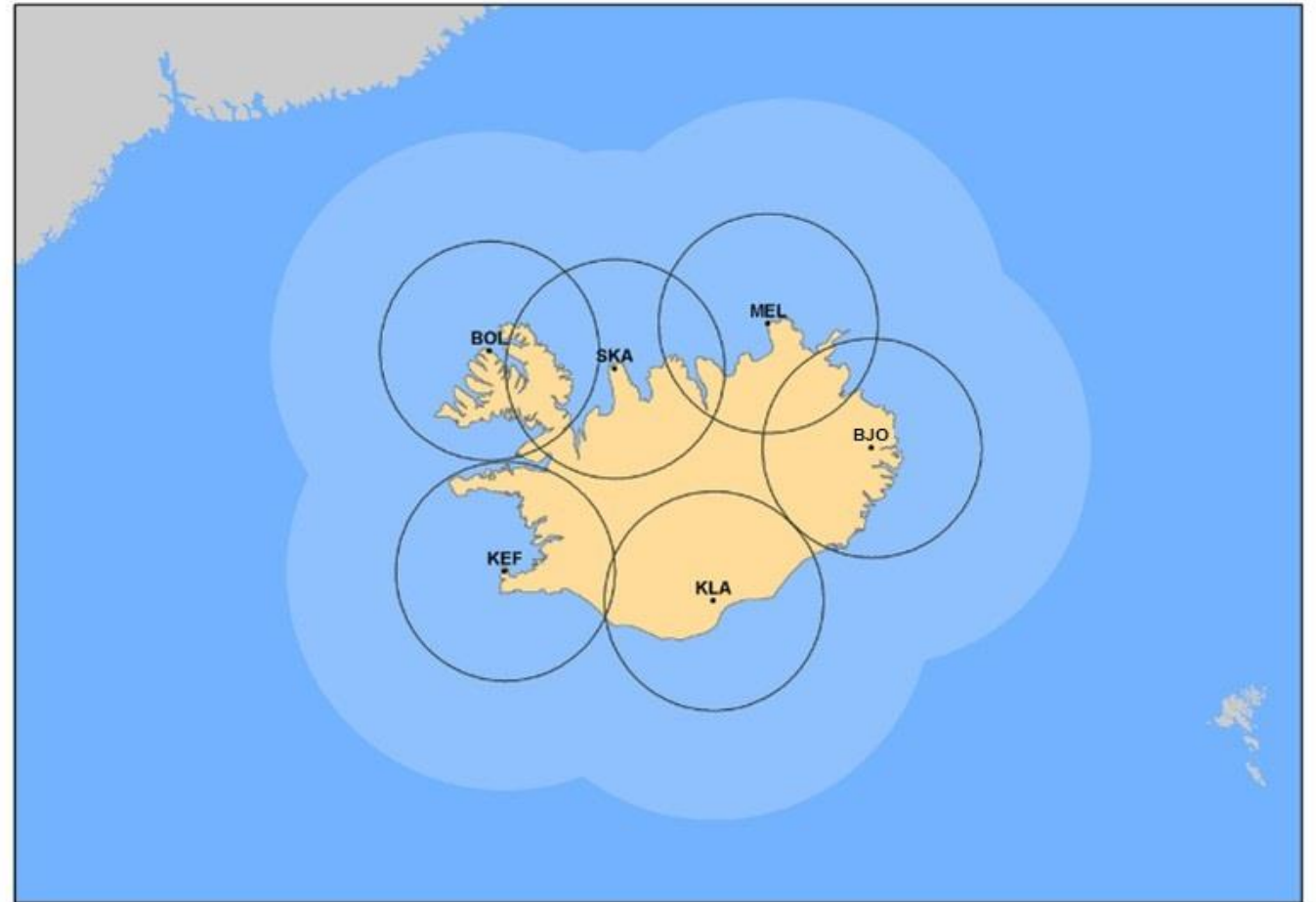


Specially adapted truck to take mobile radar off road. Photo Jón Gunnar Egilsson 25 Sept. 2019.

The Plan — 2024-2027

Approved by our Ministry

- **isbol** — Bolafjall,
NW-Iceland ~2024
- **ismel** — Snartarstaðanúpur,
NE-Iceland ~2026
- **iskla** — Kistufell,
S-Iceland ~2027



Radar Data Access

Real-time access to HDF-data (ODIM V2.3) is provided through a website:

<https://brunnur.vedur.is/radar/data.html>