



INTERMAGNET

www.intermagnet.org [intermagnet.github.io](https://github.com/intermagnet/intermagnet.github.io)

Executive Council

Dr Alan Thomson	UK
Dr Kristen Lewis	USA
Dr David Boteler	CANADA
Prof. Gauthier Hulot	FRANCE

1 December 2021

Dear Colleague,

I am pleased to announce that the INTERMAGNET definitive geomagnetic data for 2016 are now available for download from <https://doi.org/10.5880/INTERMAGNET.1991.2016>. I also wish to remind you that the INTERMAGNET data are no longer provided on a physical medium, such as a USB drive, CD-ROM or DVD.

2016 marks the 26th year of INTERMAGNET data publication, comprising definitive magnetic observatory data from 1991 to 2016 inclusive and now described as the INTERMAGNET Reference Data Set (IRDS). The IRDS for 2016 itself contains one-minute values of the strength and direction of the Earth's magnetic field measured at 116 magnetic observatories in 37 countries.

Unlike the previous physical publication of data, the IRDS doesn't include a program to access the data. The latest version of the viewer for this data, *IMCDView*, is however available from <https://intermagnet.github.io/software.html>. *IMCDView* also allows you to view quality control information and the contact details for each observatory. *IMCDView* will also convert data to a number of well-known data formats, including the IAGA2002 format. *IMCDView* can be used on Microsoft Windows, Oracle Solaris, Linux and Mac operating systems.

When using the data in publications please cite:

INTERMAGNET *et al.* (2021) Intermagnet Reference Data Set (IRDS) 2016: Definitive Magnetic Observatory Data. GFZ Data Services. <https://doi.org/10.5880/INTERMAGNET.1991.2016>

As chair of the Executive Council, I would like to thank all the people who collected and checked the IRDS2016, as listed at https://intermagnet.github.io/data_checkers.html. I would also like to thank Kirsten Elger and colleagues at GFZ Potsdam, for their creation of the Digital Object Identified (DOI) for IRDS2016; Jan Reda and Benoit Heumez for checking data and for the coordination, compilation and production of the dataset; Simon Flower, Chris Turbitt and Jane Exton for preparing the related software and Charles Blais for all maps and data collection.

In the name of INTERMAGNET, I want to congratulate you and your staff for the high standards you have achieved in geomagnetic observatory operations and data production in 2016. I would also like to thank you for your continued participation in the INTERMAGNET programme. Your contribution helps INTERMAGNET fulfil its mission to provide science with a valuable worldwide resource for studying the properties of the Earth, its environment and its hazards.

Yours sincerely,

Alan Thomson

Chair of the Executive Council, INTERMAGNET

INTERMAGNET DATA DISTRIBUTION

Observatoire Magnétique National, Carrefour des 8 Routes, 45340 Chambon la Forêt, France
intermagnet@ipgp.fr