

30-year Dvorak Reanalysis for the Western North Pacific

Reanalysis data access requests

Usage of reanalysis data for research purposes requires agreement to the relevant terms and conditions of the RSMC Tokyo – Typhoon Center (hereafter, the Center).

Terms and Conditions

Section 1: Definitions

- a) The term “datasets” shall refer to all or part of 30-year Dvorak reanalysis dataset information issued by the Center.
- b) The term “research” shall refer to analysis and experiments conducted for the purpose of elucidating scientific matters, specifically in meteorology and climatology, where such work is not conducted on a commercial basis either directly or indirectly.
- c) The term “research institute” shall refer both to such institutes themselves and to certain other users.

Section 2: Purposes of Data Provision

The Center’s 30-year Dvorak reanalysis represents a satellite-based tropical cyclone (TC) intensity estimate dataset for a broad range of TC research applications. To further promote TC activities worldwide, the Center provides these data to research institutes for related activities and to National Meteorological and Hydrological Services (NMHSs) as part of its international cooperative activities.

Section 3: Terms and Conditions

The Center provides the data as follows:

- a) Conditions of use
 - Individual users should submit their name, affiliation, email address and purpose of use to the Center for usage permission (see also “Email requests” below).
 - Individual users may not redistribute data to any third party without the Center's prior consent. The use of data for commercial purposes is also prohibited.
 - The data source should be duly acknowledged in scientific and technical papers, publications, press releases and other related communications.

Example)

The dataset used in this study is from the JMA 30-year Dvorak analysis carried out by the RSMC Tokyo – Typhoon Center under the Japan Meteorological Agency (JMA).

- Individual users should provide JMA with a copy of relevant scientific and technical papers, publications, press releases and other related communications.

RSMC Tokyo Typhoon Center

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b) Disclaimer

- The Center takes the utmost care in creating datasets, but assumes no responsibility for reliability. JMA is also not responsible for any damage that may result from related usage.

Email requests

Email rsmc-tokyo[a]met.kishou.go.jp indicating the name, affiliation, address, e-mail and purpose of use with the title “JMA 30-year Dvorak reanalysis data request”. The data will be sent to the relevant email address once approved.

Example)

Title: JMA 30-year Dvorak reanalysis data request

Main text:

1. Name: KISHOU Taro
2. Affiliation: RSMC Tokyo – Typhoon Center, Japan Meteorological Agency
3. Address of affiliation: 3-6-9 Toranomom, Minato City, Tokyo 105-8431, Japan
4. Email address: rsmc-tokyo[a]met.kishou.go.jp
5. Purpose of use: Research regarding climate change impact on genesis points using 30-year Dvorak reanalysis (Please give details; simple expressions such as “study” and “research” are insufficient.)

Technical documents on reanalysis

- Nishimura, S., M. Sasaki, N. Nonaka, M. Ueno, Y. Mochizuki, and M. Miura, 2023: JMA 30-year Dvorak reanalysis for the Western North Pacific, *RSMC Tokyo Technical Review*, **25**, 1-9, <https://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/techrev.htm>

Contact

Email the RSMC Tokyo – Typhoon Center at rsmc-tokyo[a]met.kishou.go.jp with any reanalysis questions.

Revision history

Revision date	Information
19th Dec. 2023	Current webpage launch