

Models for New Geopotential Datum Updated

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NGS News

[Learn more about the new North American-Pacific Geopotential Datum of 2022](#)

NGS has made a number of updates to our NAPGD2022 Products, including GEOID2022, which are available on the [NGS alpha site](#). There are a number of additions to the site including the use of the Geodetic data Grid eXchange Format (GGXF), a new Open Geospatial Consortium Standard. All models are provided in this format along with legacy formats previously used by NGS.

Additional updates to these products include:

- Improved GEOID2022 model: a combined model with contributions from NGS and partner agencies from Canada and Mexico
- Initial releases of deflection of the vertical and gravity models, DEFLEC2022 and GRAV2022
- A new user experience to visualize these models and changes from previous NGS models
- A computation tool to aid in the testing and evaluation of the models

To learn more, join our upcoming webinar [Updates to Products and Models within the North American-Pacific Geopotential Datum of 2022](#) on January 9, 2025 from 2:00-3:00 pm, ET.

For questions or more information, please contact NGS.Feedback@noaa.gov.