



Recap: 2020 NGS Publications

NOAA's National Ocean Service sent this bulletin at 01/05/2021 11:30 AM EST

NGS News

In 2020, NGS added many publications to its long-history of scientific and technical reports and information. Check out the many technical publications finalized since the beginning of 2020 below, or visit the [NGS Publications Library](#) to see even more documents from NGS and its predecessor agencies.

Technical Reports (TR)

NOAA Technical Reports are journal quality publications with extensive details, mathematical developments, or data listings.

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|---------------------------|--|
| NOAA TR NOS NGS 65 | The National Adjustment of 2011 Alignment of Passive GNSS Control with the Three Frames of the North American Datum of 1983 at Epoch 2010.00: NAD83 (2011), NAD83 (PA11), and NAD83 (MA11) |
| NOAA TR NOS NGS 72 | GEOID 18 |
| NOAA TR NOS NGS 73 | Primary and Secondary Adjustments of Leveling Observations to Establish a Consistent Vertical Datum Tied to Local Mean Sea Level for Oahu, HI |
| NOAA TR NOS NGS 74 | A GPS Based Estimate of the Rotation of the Mariana Plate in Both ITRF2008 and ITRF2014 |

Technical Memorandum (TM)

NOAA Technical Memorandums are reports of research or technology results, interim instructions, etc.

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|---------------------------|---|
| NOAA TM NOS NGS 82 | On the Use of Linear Units as a Companion to Horizontal Datum Transformations Performed on Curvilinear Coordinates |
| NOAA TM NOS NGS 83 | Exploring and Quantifying the Contribution of Linear Coordinate Functions at NOAA CORS Network Stations to the 2022 Intra-Frame Velocity Model: An Experiment |
| NOAA TM NOS NGS 84 | Biquadratic Interpolation |
| NOAA TM NOS NGS 85 | On the Propagation of Formal Error Estimates of Euler Pole Parameters into Modernized NSRS Coordinates |
| NOAA TM NOS NGS 86 | Quantifying Systematic Error When Using Axial Rotation |

Understanding NOAA Scientific and Technical Publications

NOAA Technical Memorandums, NOAA Technical Reports, NOAA Manuals, and NOAA Special Publications are particularly relevant to people completing geodetic surveys today because NGS continues to update existing documents and add new publications in these series.

- **NOAA Technical Reports** are journal quality publications with extensive details, mathematical developments, or data listings.
- **NOAA Technical Memorandums** are reports of research or technology results, interim instructions, etc.
- **NOAA Manual** Standardized instructions that should result in a specific result, relevant to some component of the NOAA mission.

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