
NCN Residual Time Series Comparison Tool (NCN PlOTS) is now live

National Ocean Service, NOAA <nosnoaa@public.govdelivery.com>
Reply-To: nosnoaa@public.govdelivery.com
To: rosemary.booth@noaa.gov

Mon, Jun 10, 2024 at 11:03 AM

Having trouble viewing this email? [View it as a Web page.](#)



NGS News

[NCN Residual Time Series Comparison Tool \(NCN PlOTS\) is now live](#)

The NOAA CORS Network (NCN) Residual Time Series Comparison Tool (NCN PlOTS) is now publicly available as an official NGS product on the geodesy.noaa.gov website. Previously called the CORS Time Series Tool, it computes and displays the daily residuals for up to 50 stations within the NCN as both individual time series and collectively on an interactive map. The mean, standard deviation, and root-mean-square (RMS) error of the residuals are also provided in a summary table that is available for download. This tool is optimized for plotting 30 to 90 days of data, but can be customized for other time frames. The earliest start date currently available is October 27, 2018, which is the completion date of the Mult-Year CORS Solution 2 ([MYCS2](#)) and the first date coordinates from that solution are available. The end date can be as recent as 3 days before the present day. This 3 day time lag is so that the final orbits can be used in the network adjustment to create the daily solutions.

Start date: 02/22/2024

End date: 05/22/2024

CORS List (4-character IDs. For multiple CORS, use a new line for each one.)

gode
nib
wes2
1lsu
1nsu

Submit

We are interested in your feedback. Please email us at: ngs.feedback@noaa.gov and indicate the subject as "NCN Time Series Tool Feedback".

Download all data as .zip

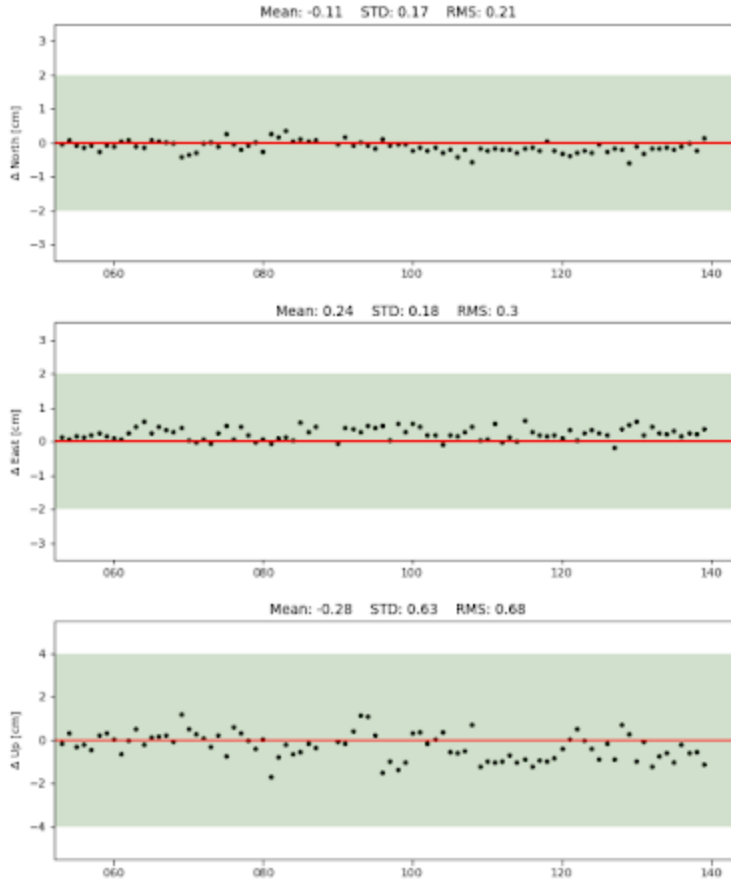
Download



Summary Table

CORSID	# of points	Mean_N	Std_N	RMS_N	Mean_E	Std_E	RMS_E	Mean_U	Std_U	RMS_U	2DRMS	3DRMS
GOODE	35	-0.11	0.17	0.21	0.24	0.18	0.3	-0.28	0.63	0.66	0.37	0.77
NLIB	37	0.09	0.18	0.2	-0.01	0.23	0.22	0.25	1.41	1.42	0.3	1.45
WES2	34	0.4	0.16	0.43	0.36	0.19	0.41	-0.36	0.59	0.59	0.59	0.91
1LSU	36	0.7	0.18	0.72	-0.56	0.26	0.64	-0.34	0.75	0.82	0.96	1.27
1NSU	36	-0.09	0.16	0.16	0.14	0.29	0.32	0.82	0.71	1.06	0.37	1.14

Station- GODE
Start Date- Feb 22 2024 (053)
End Date- May 22 2024 (143)
Number of Days: 90 Number of Observations: 85
2D RMS: 0.37 3D RMS: 0.77



NOAA's National Geodetic Survey
geodesy.noaa.gov

Stay Connected with NOAA's National Ocean Service

[Manage Subscriptions](#)

This email was sent to rosemary.booth@noaa.gov using GovDelivery Communications Cloud on behalf of: NOAA's National Ocean Service · SSMC4, Room 9601 · 1305 East-West Hwy · Silver Spring, MD 20910

