



Release Notes
Topcon Tools v10.0
September 2025

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Topcon Tools V10 Release Notes

The following new additions/revisions have been made to Topcon Tools v10.0.

Please take time to read the release notes. They contain information about the following:

- New Features
- Feature Enhancements

Information

System Requirements:

Operating System

Microsoft Windows 11 (64-bit version)

Microsoft Windows 10 (64-bit version)

Processor Speed

2GHz Core2 processor or higher

RAM

2GB RAM or more recommended

Memory

Local hard drive space of 2GB or higher recommended

Computer Resolution

1280x1024 display resolution

Internet Connectivity

Can be required by some functionality

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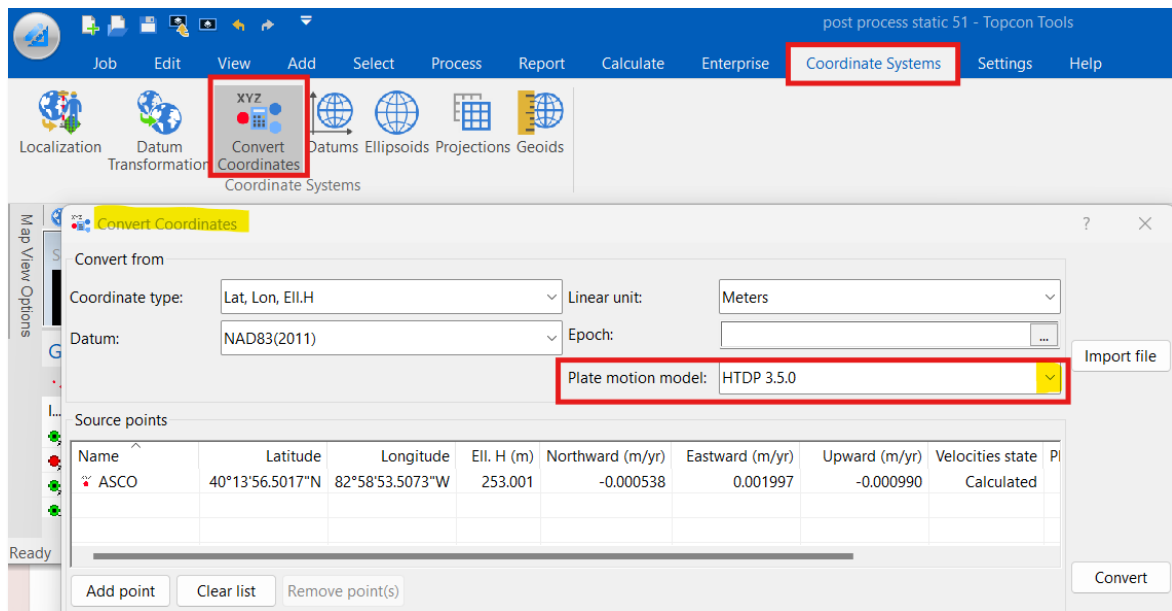
New Features and Improvements

General

- Support of Civil 3D 2025 and Revit 2025
- Using short and long names for column titles and tooltips
- The column timestamp with related time from measurement and added

Projections and Geoids

- Support multiple models of the tectonic plate motion in the coordinate calculator
 - Coordinate Systems> Convert Coordinates
 - Added Tectonic Plate Motion Models to calculate velocities



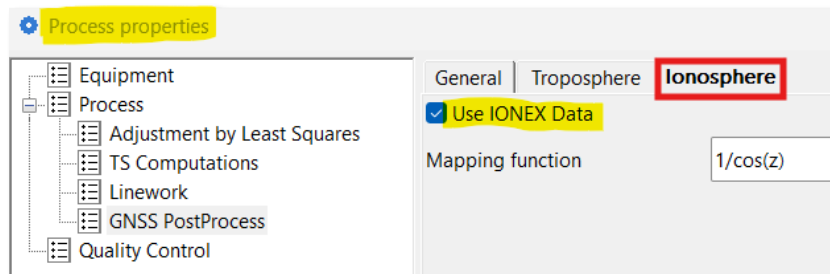
- Support import coordinates files with velocities into the coordinate calculator
- Support export coordinates files from the coordinate calculator
- Support RMCRS projection for Montana (USA)
- Added Brazil Geoid hgeoHNOR2020

Adjustment

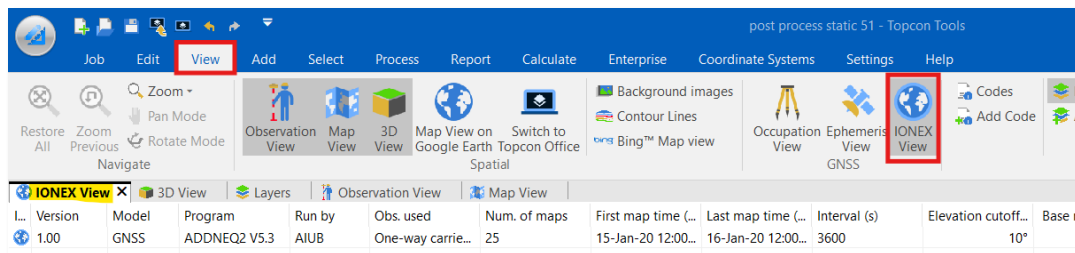
- New Least Square adjustment

Post Processing

- Allow to import and use ionospheric delay maps
 - Ionospheric Corrections Map feature – this needs to be turned ON in the Post Processing settings.
 - Process> Process Properties - GNSS Post Processing> Ionosphere (tab)
 - Use IONEX files (checkbox)



- Then they can be viewed in the IONEX tabular view - View> IONEX View



- Progress bar for post processing shows additional information to display progress

Reports

- The new report generation for Excel and Word formats Report> Report Configuration
 - Direct output to MS Excel and MS Word
 - Report format will look much better

	A	B	C	D	E
1					
2					
3		Project Summary			
4	Project name	post process static 51			
5	Linear unit	Meters			
6	GNSS Observations				
7	dN (m)	dE (m)	dHt (m)	Horz. StdDev (m)	Vert. StdDev (m)
8	57948.349	30547.477	-37.393	0.02	0.033
9	-11057.433	22943.834	56.668	0.009	0.015
10	-18220.972	72347.917	16.433	0.022	0.035
11	9566.384	56111.323	-14.988	0.018	0.031
12	-60119.629	50357.452	7.175	0.022	0.036
13	-42349.516	85999.737	47.136	0.025	0.039
14	-7163.542	49404.086	-40.221	0.017	0.029
15	20623.817	33167.49	-71.648	0.013	0.023
16	-49062.2	27413.619	-49.484	0.018	0.031
17	-31292.088	63055.906	-9.52	0.021	0.034
18	60005.782	7603.612	94.052	0.02	0.034

- Allow to sort data in the Points report
- The new report item for Least Square adjustment