

# AnyChart™

## Data Visualization Solutions



Unavco  
<http://www.unavco.org/>  
Boulder, CO

Industry: Geoscience  
Research

“AnyStock provides an extraordinary, rich feature set that enabled me to create the exact time-series plots I needed for several applications.”

“We have time-series data sets with several thousand data points and AnyStock has the fastest load times and best interactive performance for handling them.”

– Lee Snett,  
Software Engineering Manager,  
PBO, UNAVCO

### UNAVCO Chooses AnyStock to Visualize Geodetic Data

UNAVCO is a non-profit consortium that is dedicated to geoscience research and education using geodesy. UNAVCO collects, stores and makes available to the research community terabytes of geodetic and related time-series data. Much of this data originates from the Plate Boundary Observatory which is a network of over 1,100 permanent GPS stations located in the western U.S., Alaska, Canada and Baja California. These stations measure the slow deformation of the earth's crust to sub-centimeter accuracy.

#### Challenge:

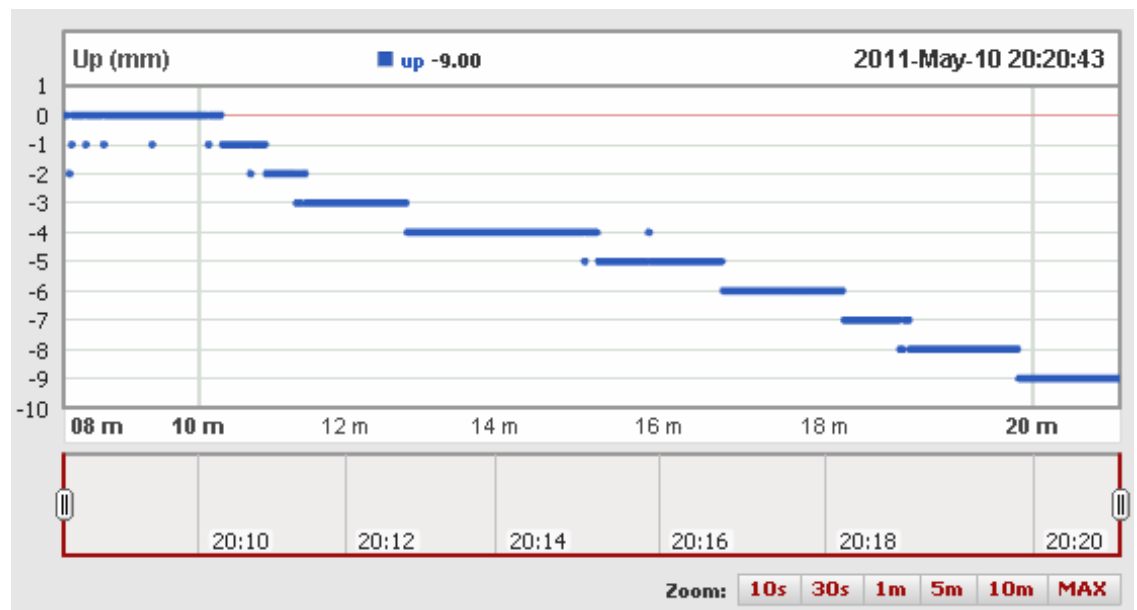
- To plot real-time GPS positions generated by over 300 stations in the PBO network for display on our website.
- To provide researchers time-series plots of hourly meteorological data, collected by station instruments, for the purpose of evaluating environmental factors influencing GPS signals.
- To provide end users the ability of scaling and scrolling time-series plots on-the-fly.

#### Solution:

- AnyChart Stock and Financial Charts is a tool designed for visualizing time-based data, and it has a full feature set for creating real-time streaming – new data is added without reloading plots.
- AnyStock provides rich format, pan and zoom options for easy navigation, which allows working with long term and large data sets.

“UNAVCO will be expanding the use of AnyStock to present numerous time-series data sets that UNAVCO produces.”

– Lee Snett, Software Engineering Manager, Plate Boundary Observatory, UNAVCO



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