Tutorial: Basic Processing

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Overview

• In this session we will look at the processing of GPS data around the time of magnitude 5.8 aftershock to Apr 4, 2010 El Major Cucapah earthquake

• Aftershock happened at 4:26 UTC June 15, 2010 (day-of-year 166)

• Data is available on class web site:

• Processing:
  – sh_setup -yr 2010
  – sh_gamit –d 2010 165 -netext z -yext

• More options will be tried once this run is complete

• Day 166 is the aftershock day and this we will divide into segments using the sessinfo option in sh_gamit.

• The hfiles directory contains h-files for more stations and a longer span of data which we will use tomorrow in the globk tutorial.
Tutorial

• In this tutorial we will look at user results and examine the statistical nature of the Salton Sea and global GPS results.

• These results are in the ts_6hr directory under gsoln in tutorial from Monday.

• tsfit, tsview (matlab) will be used to look at statistics and jump treatment.

• Globk can also be used to combine short sessions into 24-hour sessions.