

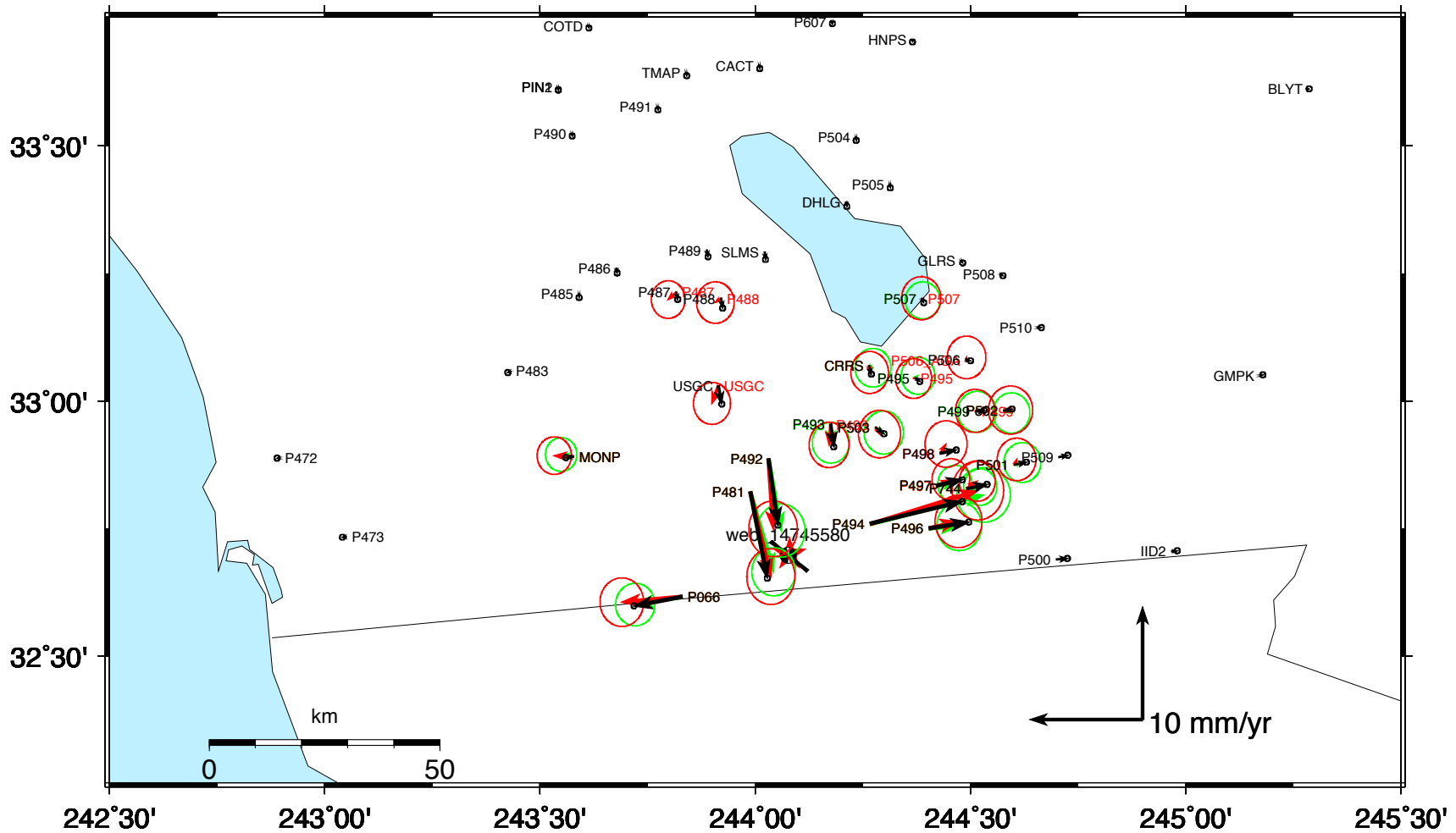
# Tutorial: Basic Processing

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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 -yrex`
- 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.

# Network in Baja Region with aftershock offset



# 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.