Sentinel 1a InSAR image of the Chile Earthquake
1.4 m of range change collected 12 h after mainshock
GPS observed ionospheric signal from both the earthquake and tsunami.
Tsunami-wave-generated airglow perturbations indicate
- increased amplitudes by factor of 2 to 4
- multi-peak structures

Before arrival of tsunami wavefront indicate
- smaller amplitudes
- smooth profiles

*Courtesy of NASA’s TIMED/SABER Team*