

S1/S2 Atmosphere Pressure Loading in SLR Analysis

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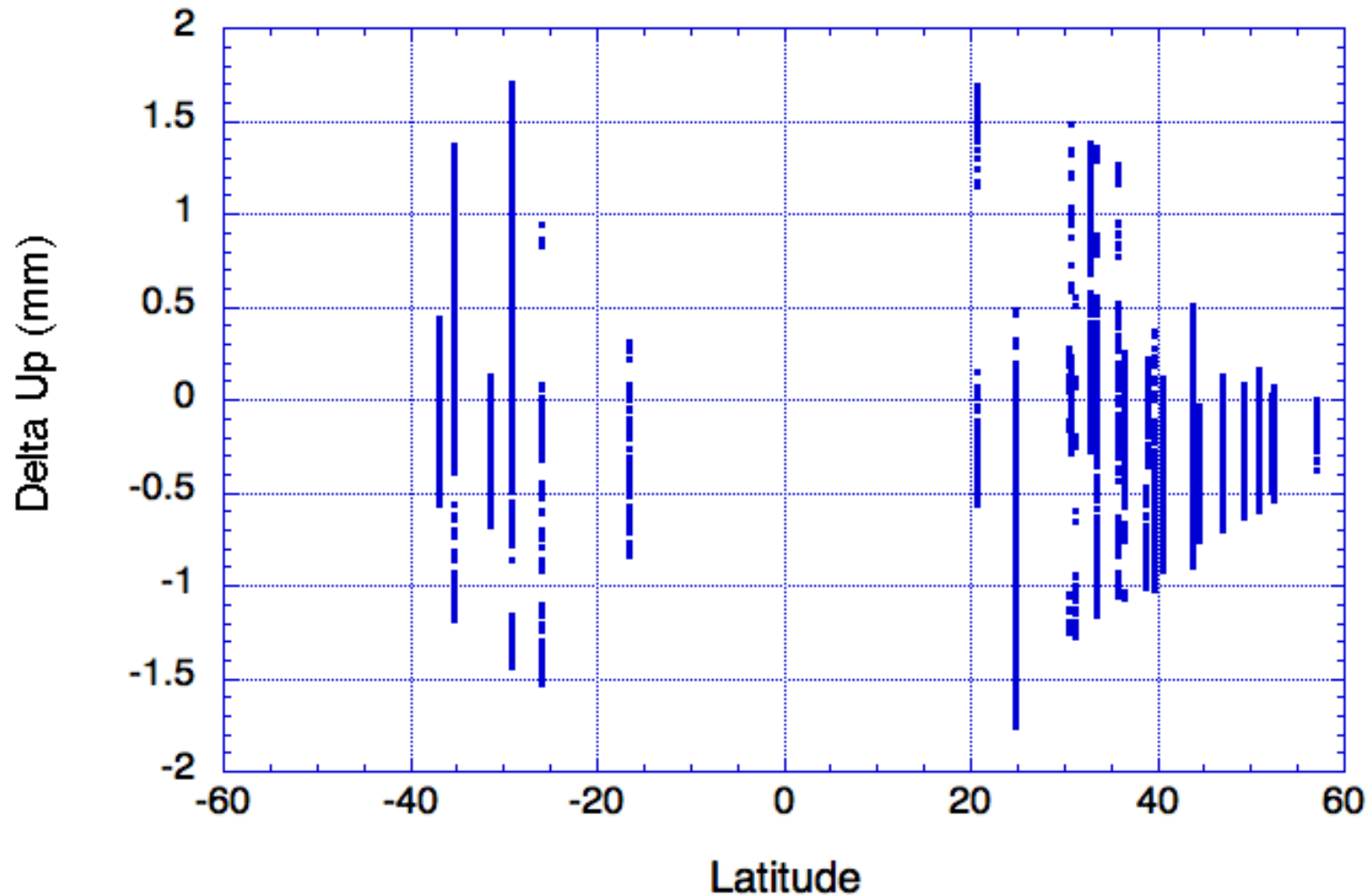
Impact of Recent Model Improvements

- Improvement of TRF (ITRF2005s vs ITRF2000)
 - 26-33 mm² reduction in variance
- Ocean loading
 - 25-28 mm² reduction in variance
- Tidal geocenter correction (incorporated with ocean loading)
 - 5-18 mm² reduction in variance
- S1/S2 atmosphere loading ('cm' version)
 - 0-0.9 mm² reduction in variance
- 6 months of SLR data used; January-June 2007

SLR Network



APL vs Latitude



APL vs Longitude

