

Barometer Calibration at the SLR Riga 1884, current status

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The SLR station Riga has operated a Vaisala WXT510 since 2007 as a primary meteorological unit. During the period 1987-2007 the aneroid barometer Paulin VBM2 (Erickson) was used as reference. A Vaisala PTU300 unit installed at the SLR Telescope room is used as an auxiliary unit.

During 2017-2018 both Vaisala Units, WXT510 and PTU300, were calibrated against the GFZ Potsdam GE Druck141 DPI absolute barometer. Currently we are calibrating the aneroid barometers Paulin VBM2 and a 1978 Soviet model against the Vaisala units.

We present the calibration results, and discuss future steps to be done.