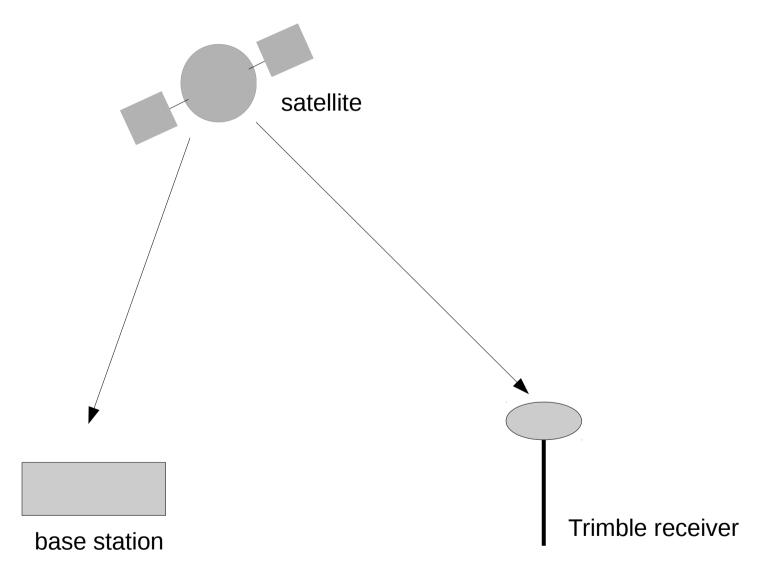
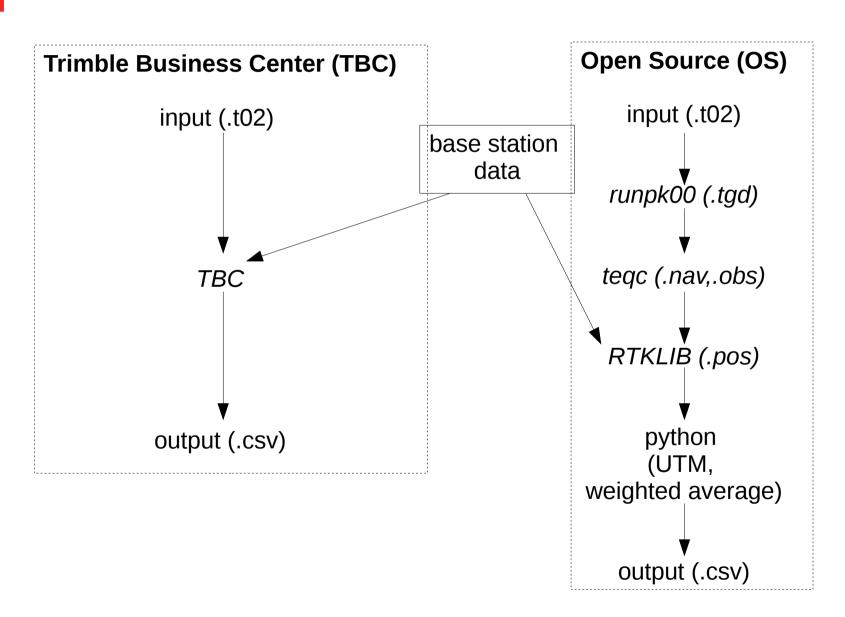
Methods & Processing

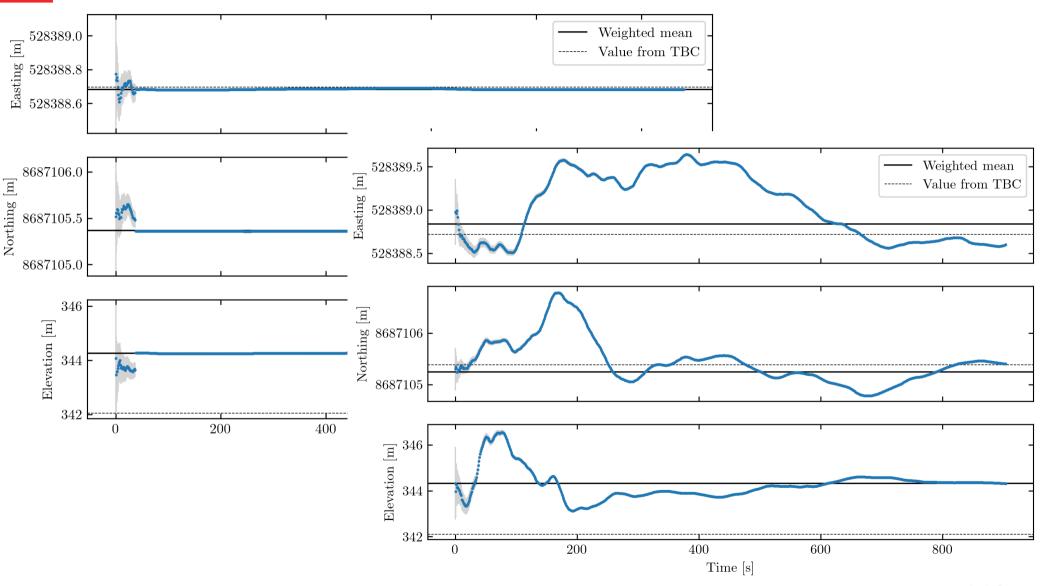
differential GPS



Post processing - 2 metods



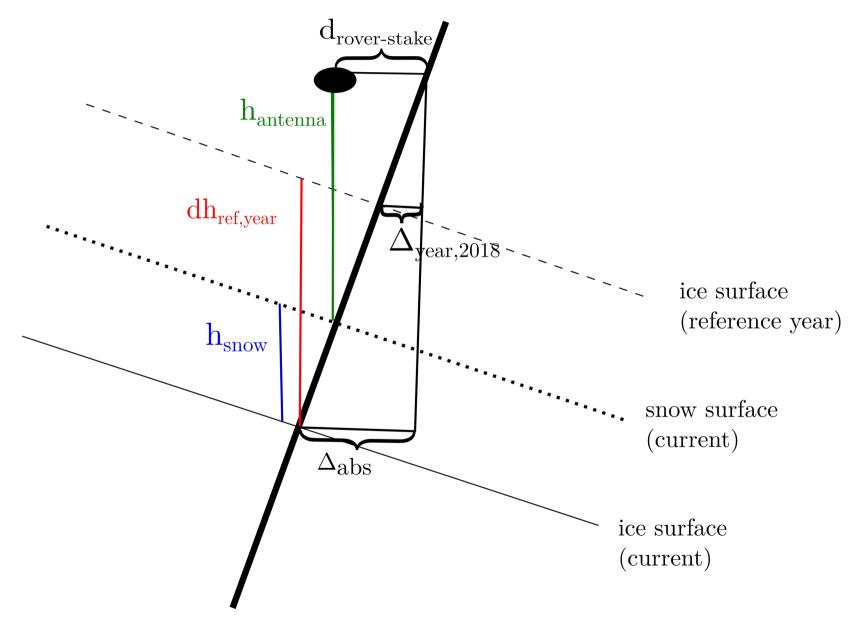
time series: OS



OS as replacement for TBC?

	Northing [m]	Easting [m]	Elevation [m]
Mean Difference	0.09	0.05	0.24
Median Difference	0.01	0.01	0.07

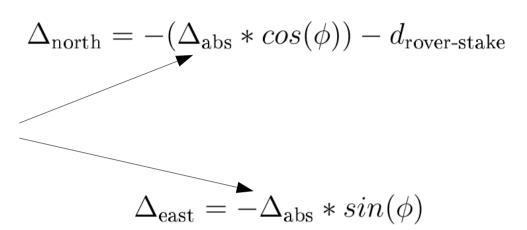
Stake correction



stake correction

horizontal

$$\Delta_{\rm abs} = (h_{\rm snow} + h_{\rm antenna}) * sin(\alpha)$$



vertical

$$\Delta_{\rm elev,TBC} = -h_{\rm snow}$$

$$\Delta_{\rm elev,os} = -(h_{\rm snow} + h_{\rm antenna})$$

Final stake positions

Name	Northing [m]	Easting [m]	Elevation [m]
BL2-2016	8686150.74 ± 0.16	523049.41 ± 0.11	436.89 ± 0.48
BL2-2018	8686149.82 ± 0.02	523051.47 ± 0.03	437.74 ± 0.06
BL3-2016	8686091.51 ± 0.27	523544.75 ± 0.13	490.82 ± 0.25
BL3-2018	8686091.17 ± 0.42	523545.34 ± 0.10	491.39 ± 1.03
BL4-2018	8686098.89 ± 0.21	524181.02 ± 0.20	570.94 ± 0.20
BL4-i-2016	8686098.47 ± 0.27	524179.80 ± 0.19	571.65 ± 0.20
BL4-ii-2016	8686098.39 ± 1.30	524179.92 ± 0.31	571.36 ± 4.82
BL5-i-2017	8686130.74 ± 0.09	524644.27 ± 0.01	628.63 ± 0.09
BL5-ii-2017	8686130.74 ± 0.28	524644.28 ± 0.15	628.56 ± 0.75
T1-2018	8687106.55 ± 0.32	528388.42 ± 0.07	341.59 ± 0.24
T1-i-2017	8687105.69 ± 0.13	528388.68 ± 0.18	341.26 ± 0.12
T1-ii-2017	8687105.58 ± 0.45	528388.84 ± 0.44	341.38 ± 0.65
T2-2016	8687321.31 ± 0.42	527951.88 ± 0.14	394.88 ± 2.34
T2-2018	8687319.62 ± 0.28	527951.35 ± 0.27	395.86 ± 1.61