HOTJ residual time series (some major events removed as well) 20 15 10 EAST [mm] 5 0 -5 -10 -25 20 15 NORTH [mm] 10 5 0 -5 -10 -15 120 100 80 60 40 UP [mm] 20 0 -20 -40 -60 -80 -100 2016 2018 2020 2022 2024 2006 2008 2010 2012 2014 Time [year]