Temperature annual climatology and bias (1981-2014) versus orography Model: IPSL-CM6A-LR (143x142) / Observation: CRU TS v. 4.00 / NOAA NGDC GLOBE topo (1km) Mean elevation Bias of mean elevation Std of elevation 5000 400 1500 elevation (m) 0000 (m) 1250 Std of elevation (m) Elevation bias (m) 200 1000 **Temperature** 750 2000 -200 500 1000 250 -400 0 -20 -20-20 20 Near-Surface Air Temperature [°C] Near-Surface Air Temperature [°C] Near-Surface Air Temperature [°C] 5000 400 1500 4000 1250 Std of elevation (m) Mean elevation (m) Elevation bias (m) 200 1000 3000 Temp bias 750 2000 -200 500 1000 250 -400 -10 -10 -5 -15 -5 -15 -5 -15 -10

All domain

Near-Surface Air Temperature bias [°C]

HK

HM

Near-Surface Air Temperature bias [°C]

Near-Surface Air Temperature bias [°C]