Annual climatology: 1981-2014 / Models: IPSL-CM6A-LR (143x142), IPSL-CM6A-ATM-HR (361x512) / Observation: NOAA Climate Data Record (CDR) Version 1 NOAA CDR Historical (32) AMIP (21) - 100 - 90 40°N 40°N 40°N - 80 30°N 30°N 30°N - 70 20°N 20°N 20°N 60 - 50 - 40 Snow cover extent [%] 70°E 90°E 100°E 70°E 80°E 90°E 100°E 70°E 80°E 90°E 100°E 80°E land-hist (1) HighResMIP (1) ERA-Interim 40°N 40°N 40°N - 30 30°N 30°N 30°N - 20 20°N 20°N 20°N

80°E

90°E

100°E

70°E

80°E

90°E

100°E

70°E

70°E

80°E

90°E

100°E