

DOT Precipitation Frequency

Preliminary Outputs / Comparison

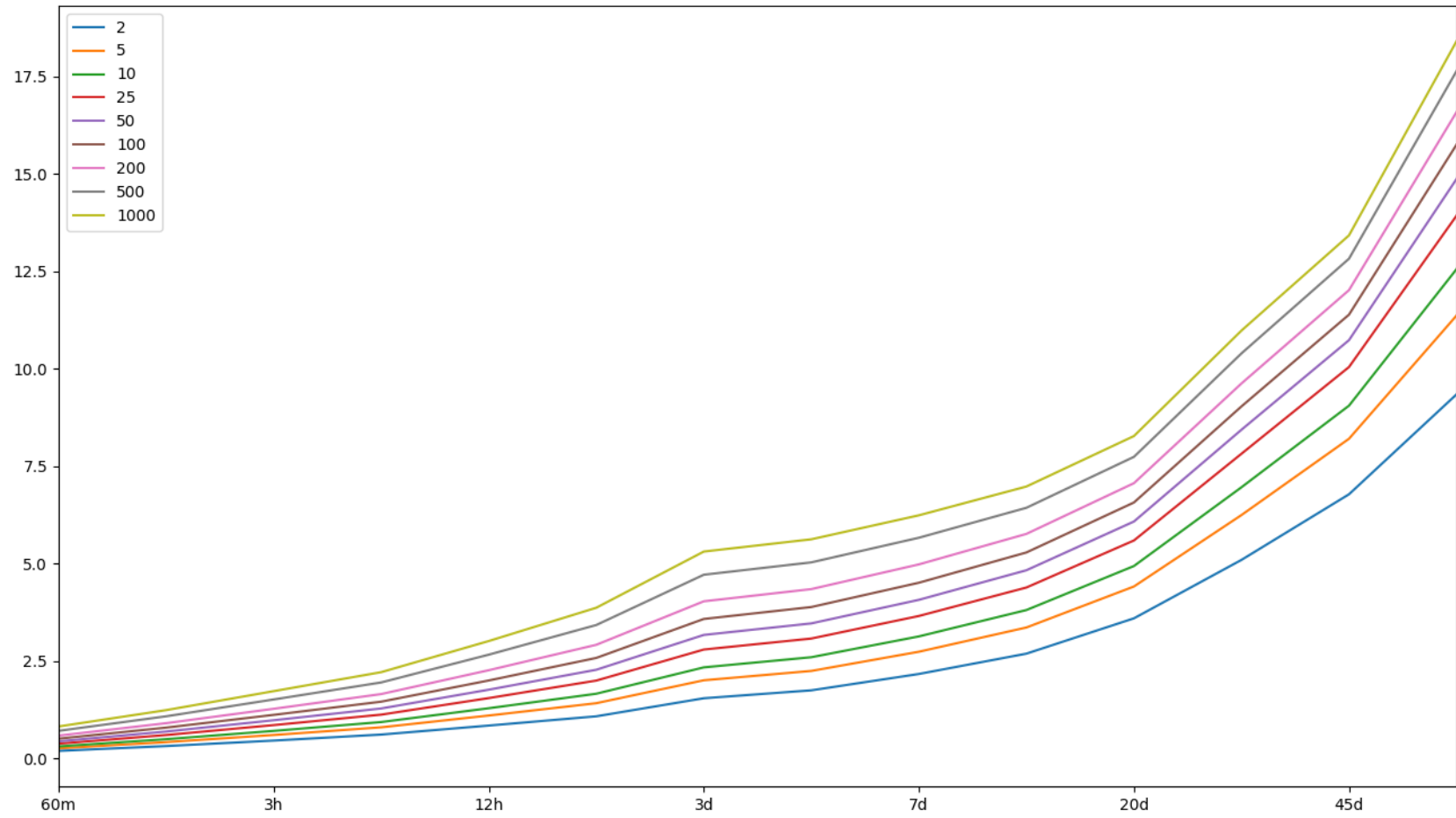
Michael Lindgren

July 9, 2019

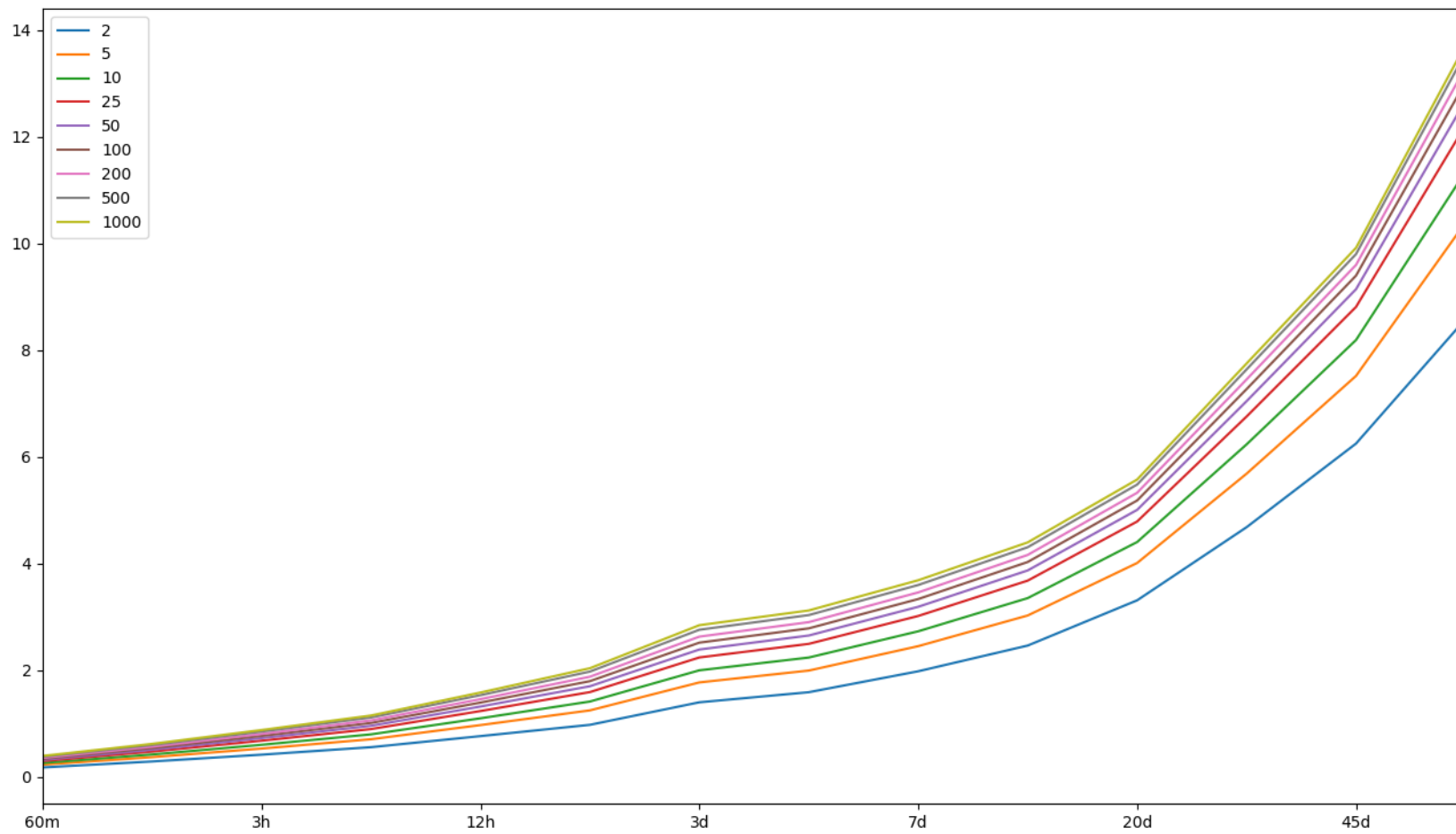
Scenarios Network for Alaska + Arctic Planning

NOAA Atlas 14 Precip Frequencies

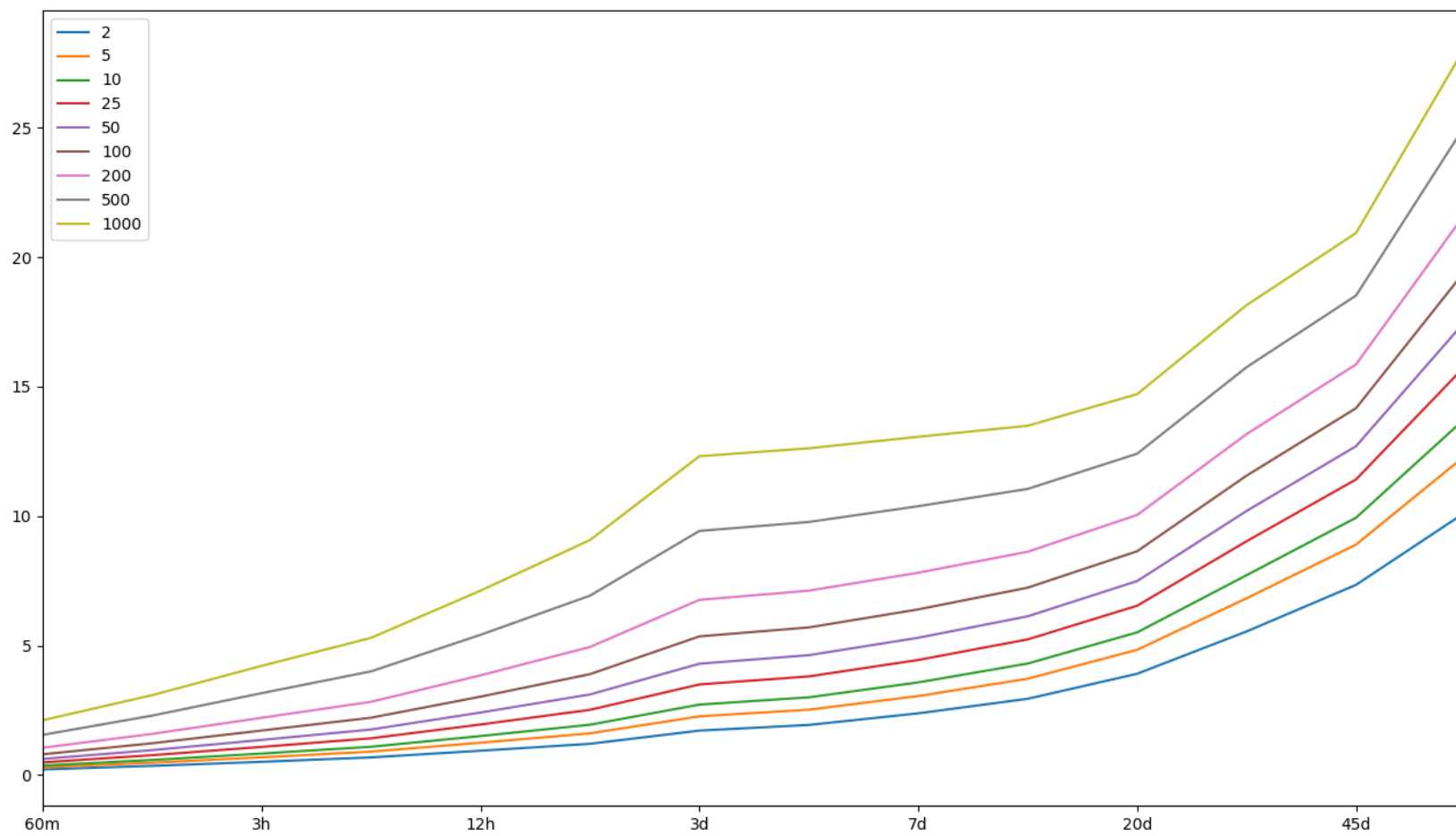
Atlas 14 Data – Precip Freq



Atlas 14 Data – Precip Freq – lower bound

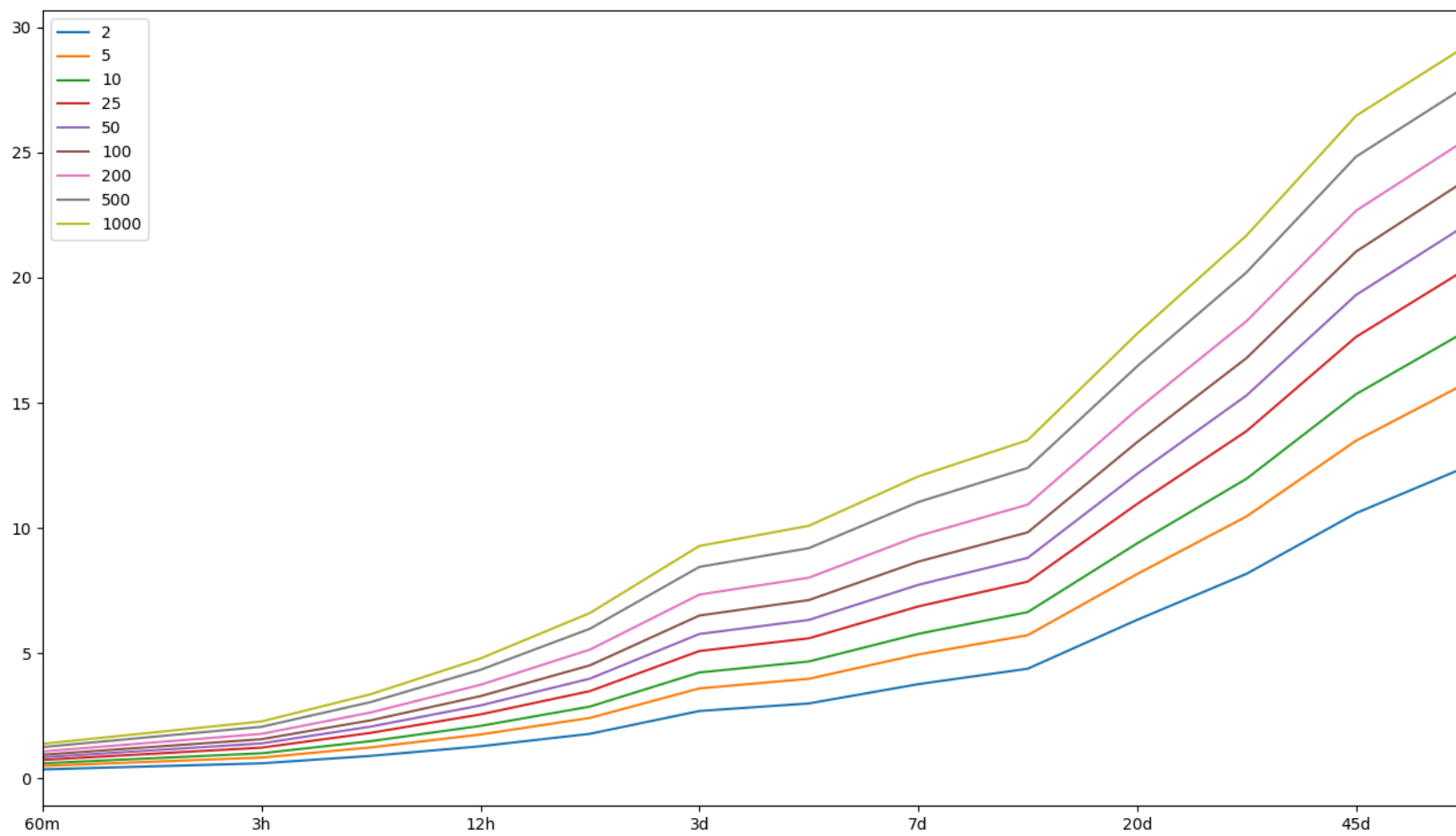


Atlas 14 Data – Precip Freq – upper bound

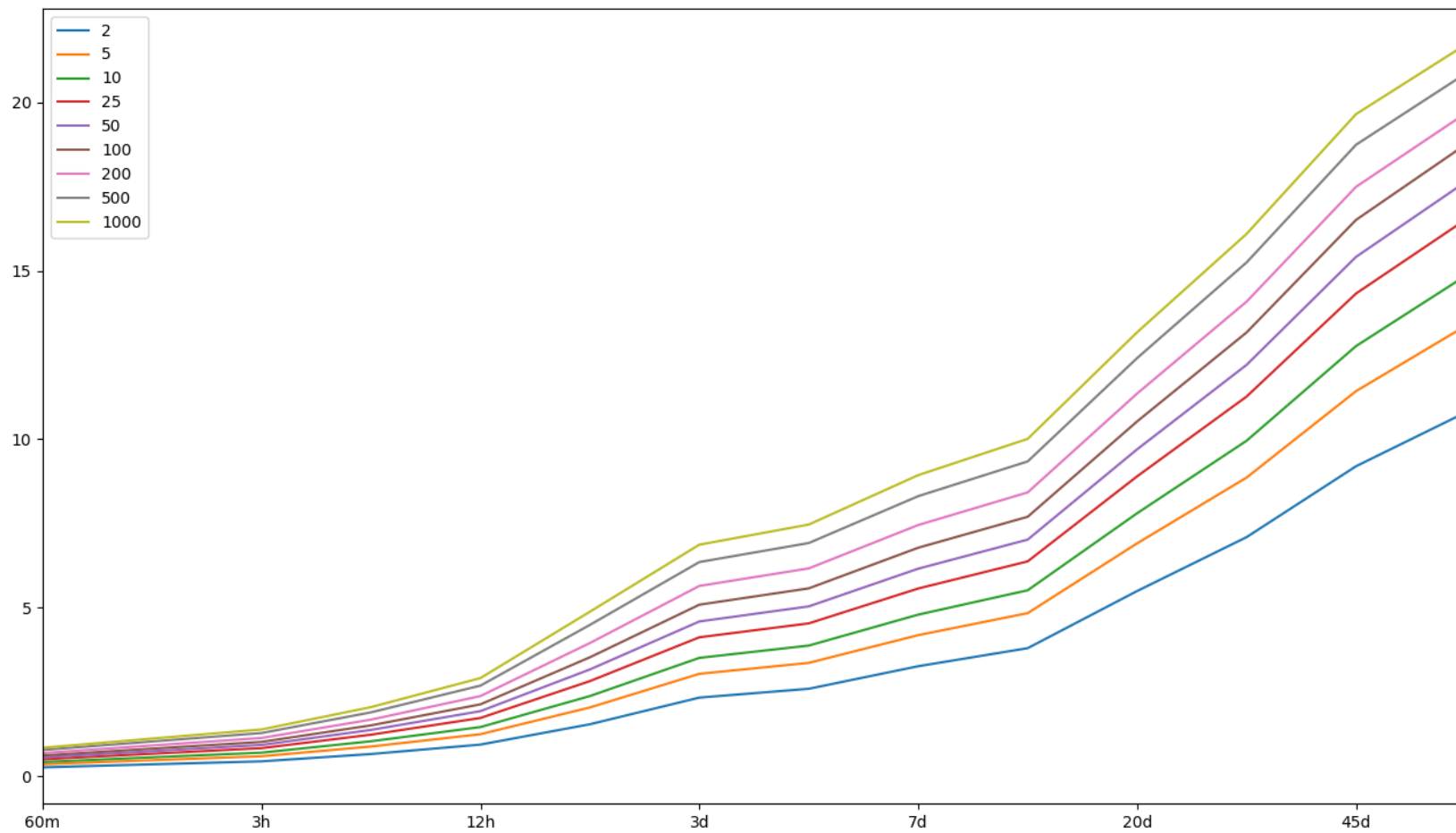


WRF-Derived Precip Frequencies

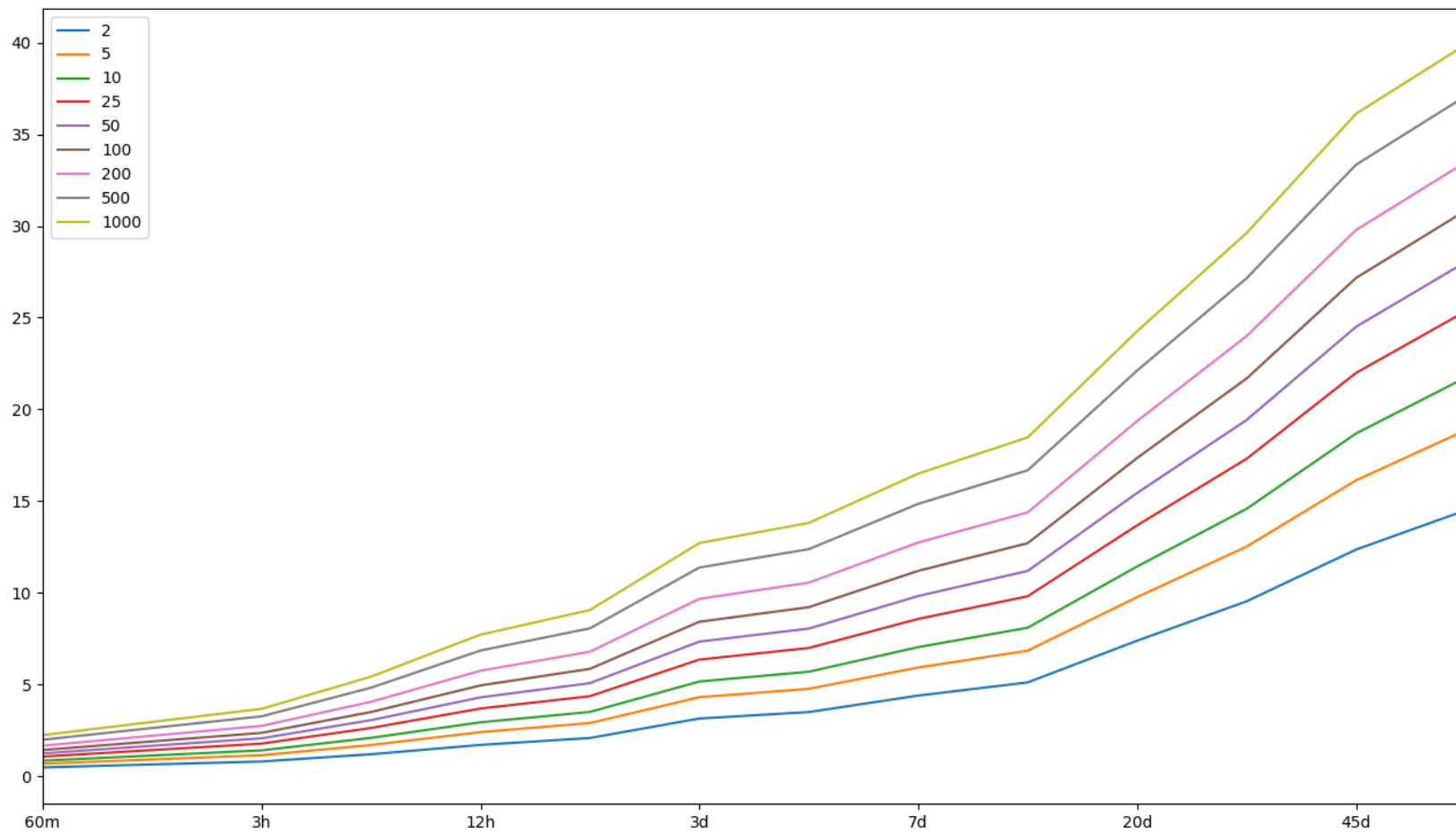
WRF-derived Data – Precip Freq



WRF-derived Data – Precip Freq – lower bound

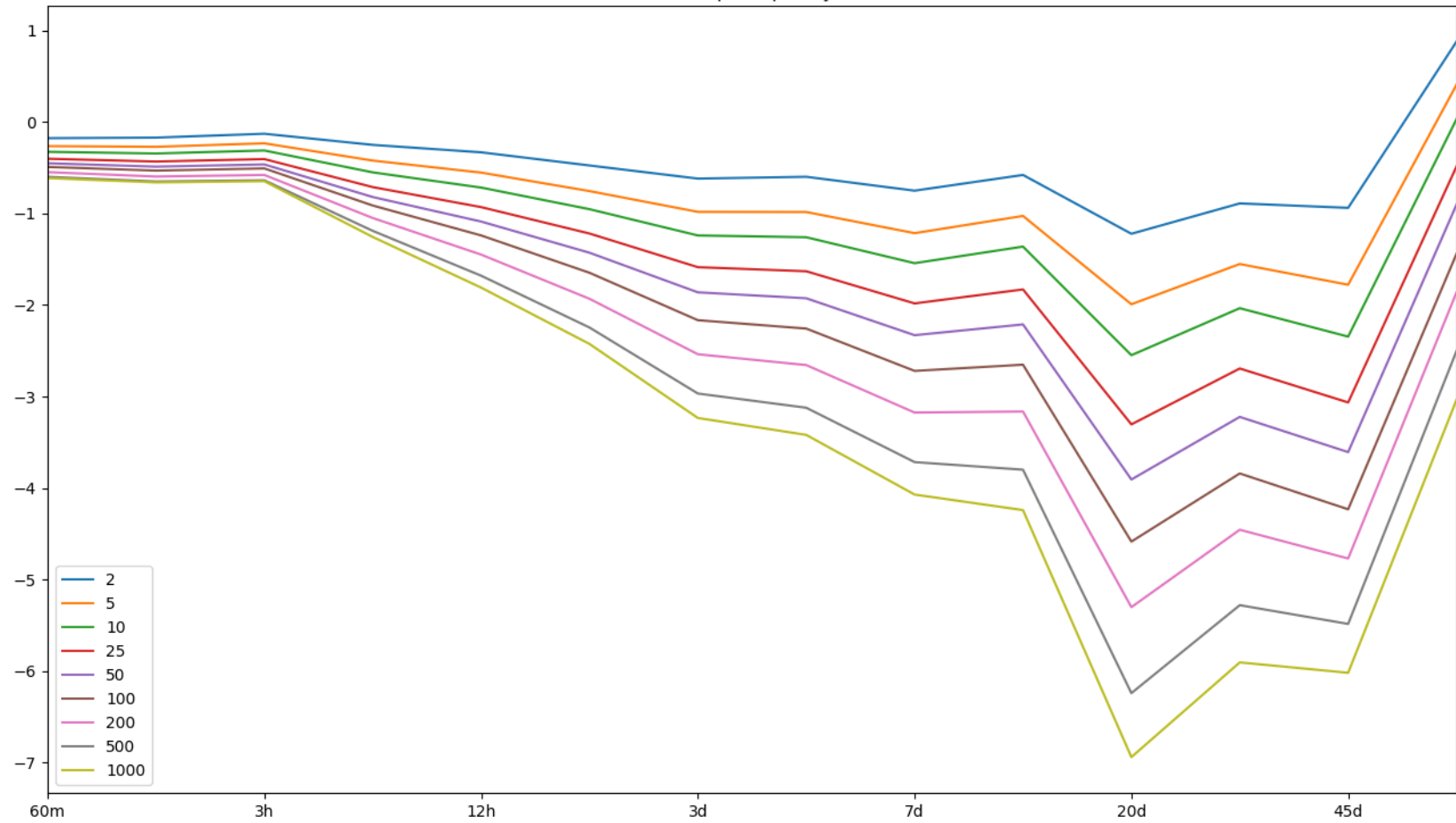


WRF-derived Data – Precip Freq – upper bound

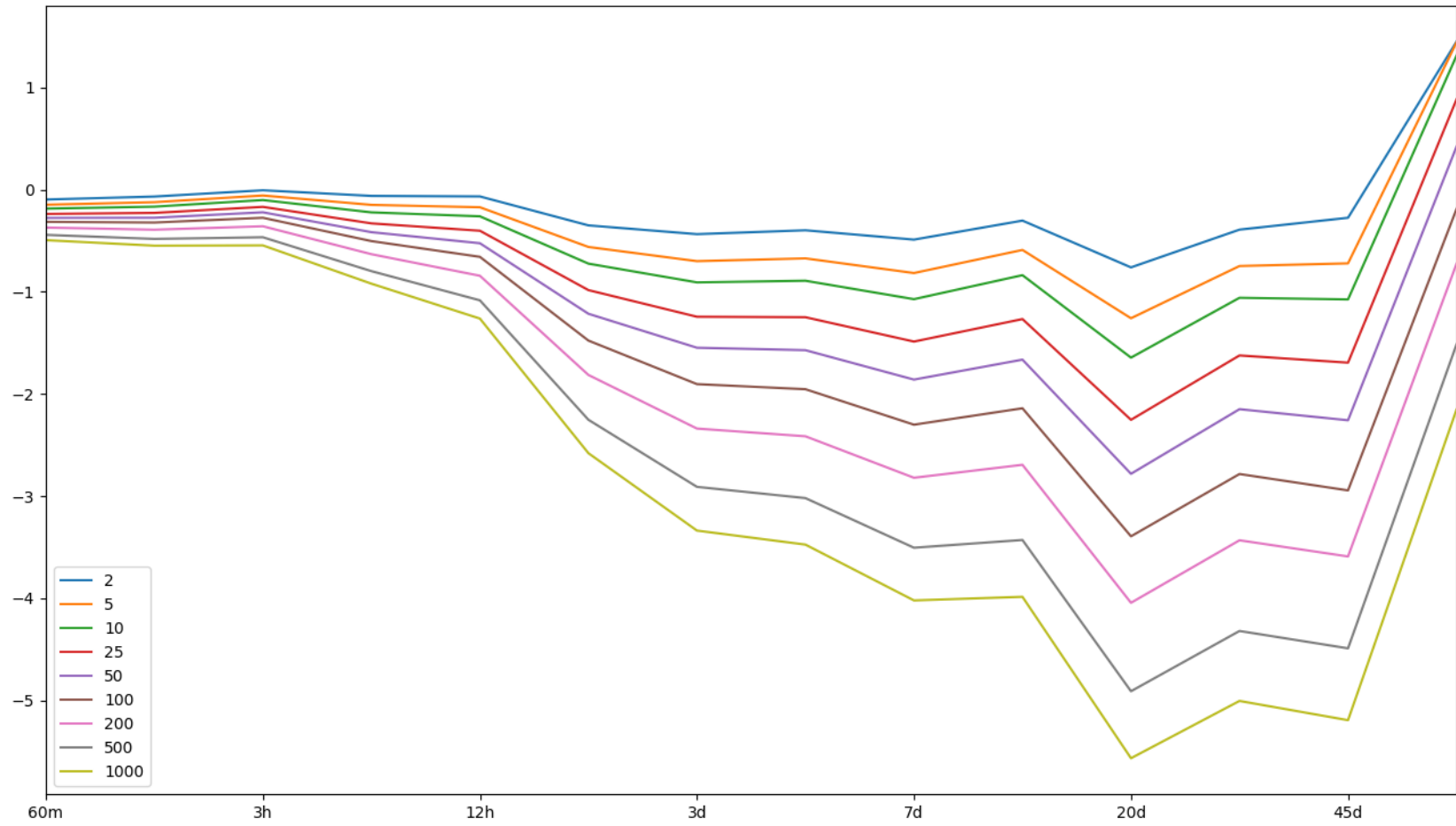


Differences Between Groups

Comparison WRF - Atlas14 Differences Area-wide Mean
Precip Frequency



Comparison WRF - Atlas14 Differences Area-wide Mean
Lower Confidence Bound



Comparison WRF - Atlas14 Differences Area-wide Mean
Upper Confidence Bound

