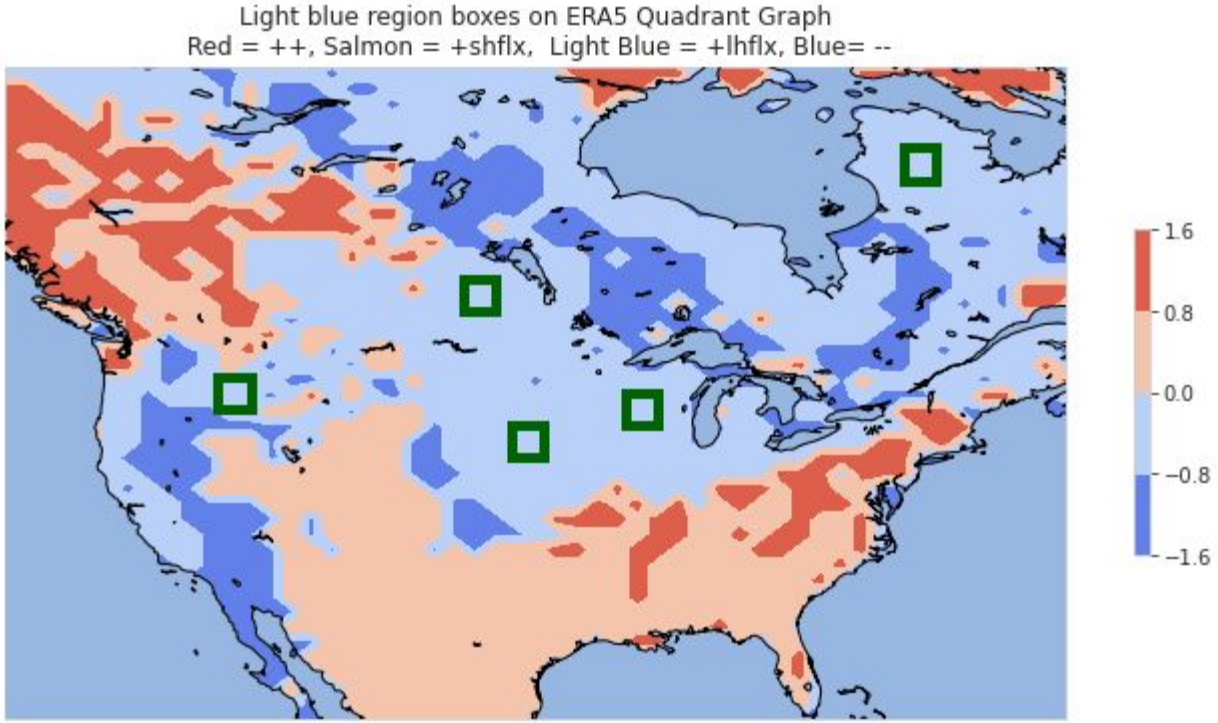
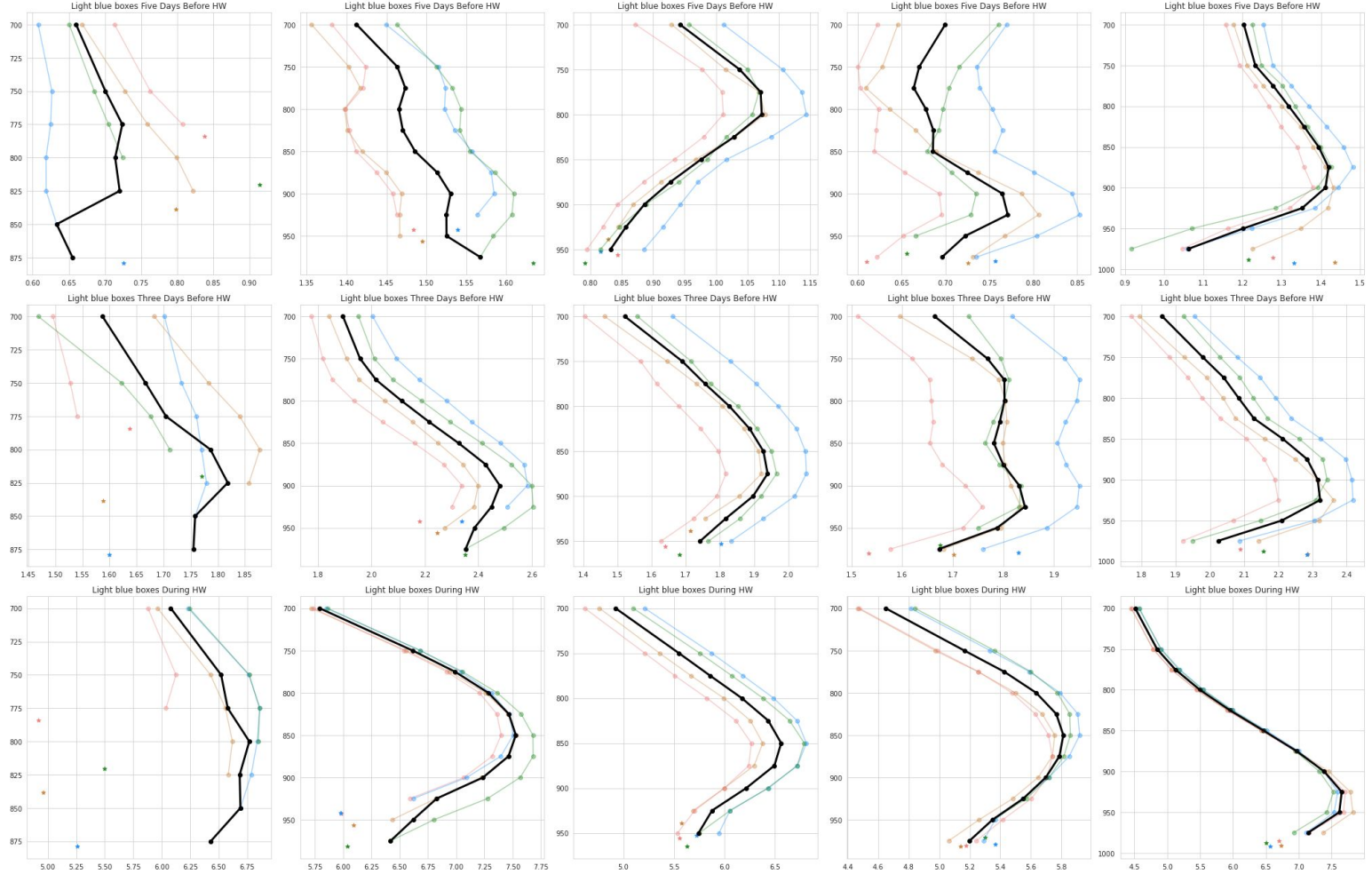
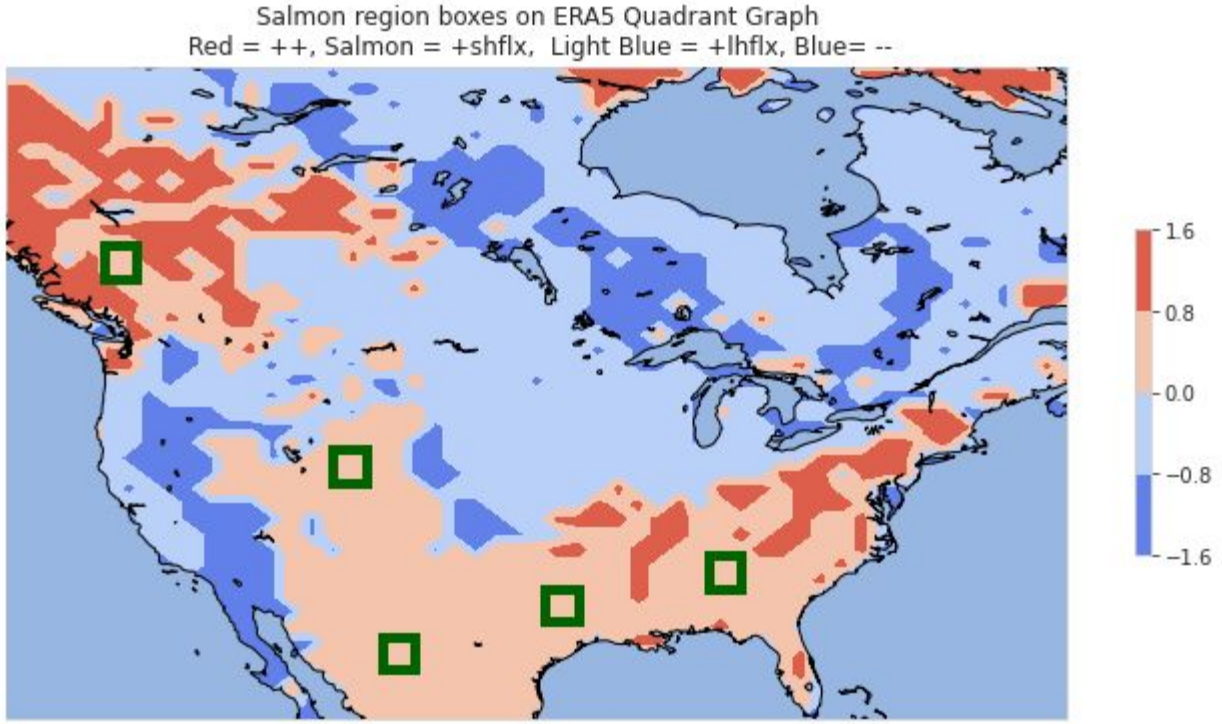


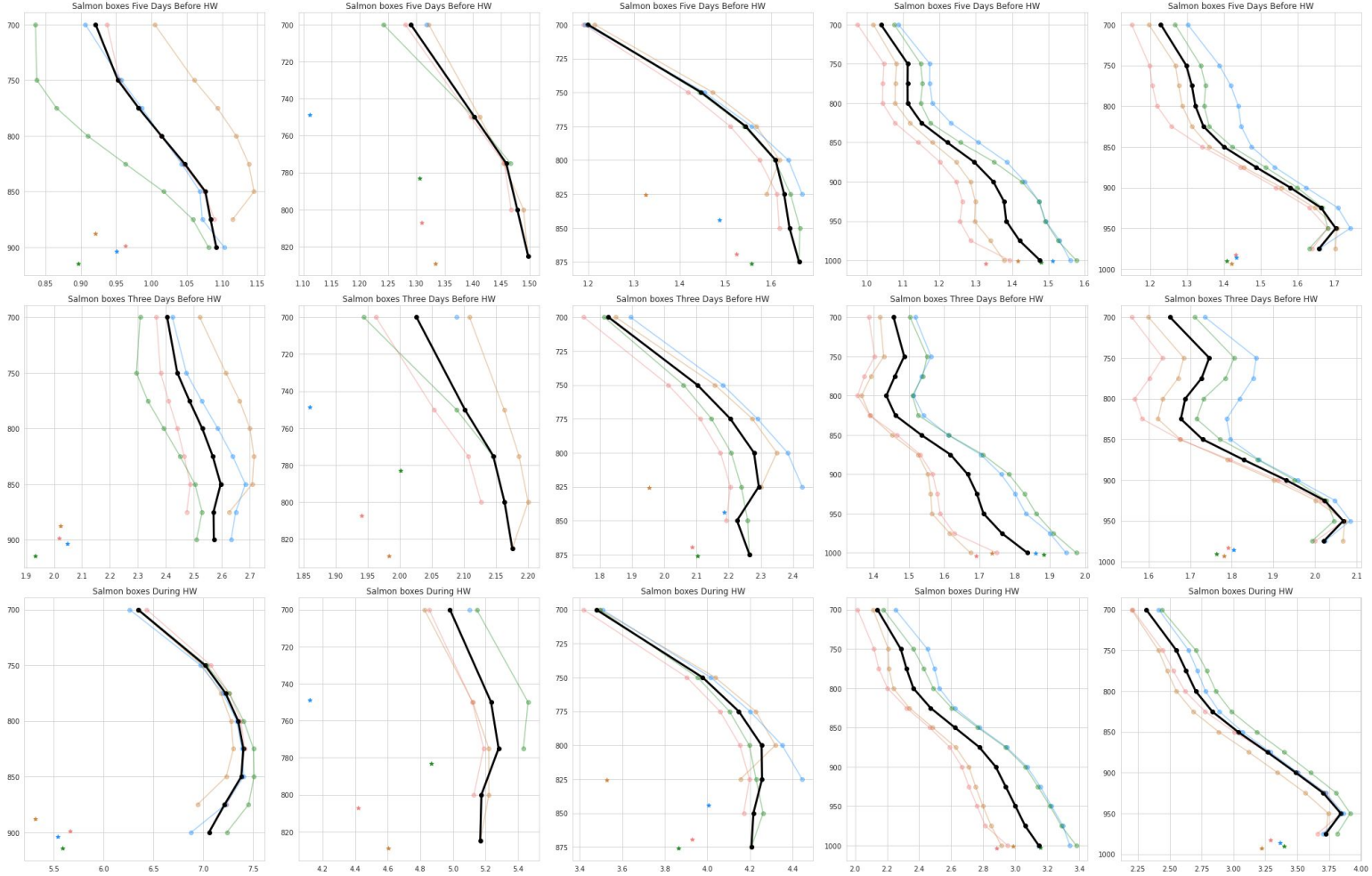
PS: profiles on next page arranged in order i.e. from left to right

Vertical structure of non standardized potential temperature anomalies at 5 locations with - shflx and + lhflx (stars indicate t2m anomaly at surface pressure)

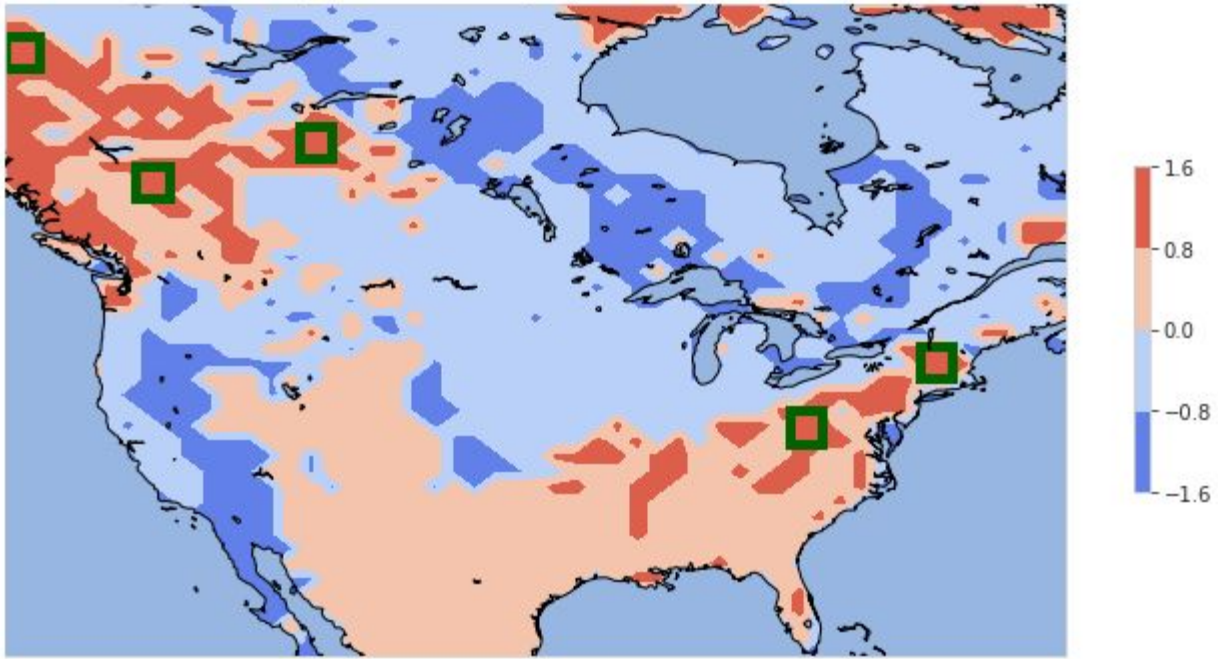



Salmon region boxes on ERA5 Quadrant Graph
Red = ++, Salmon = +shflx, Light Blue = +lhflx, Blue= --
1.6
0.8
0.0
−0.8
−1.6

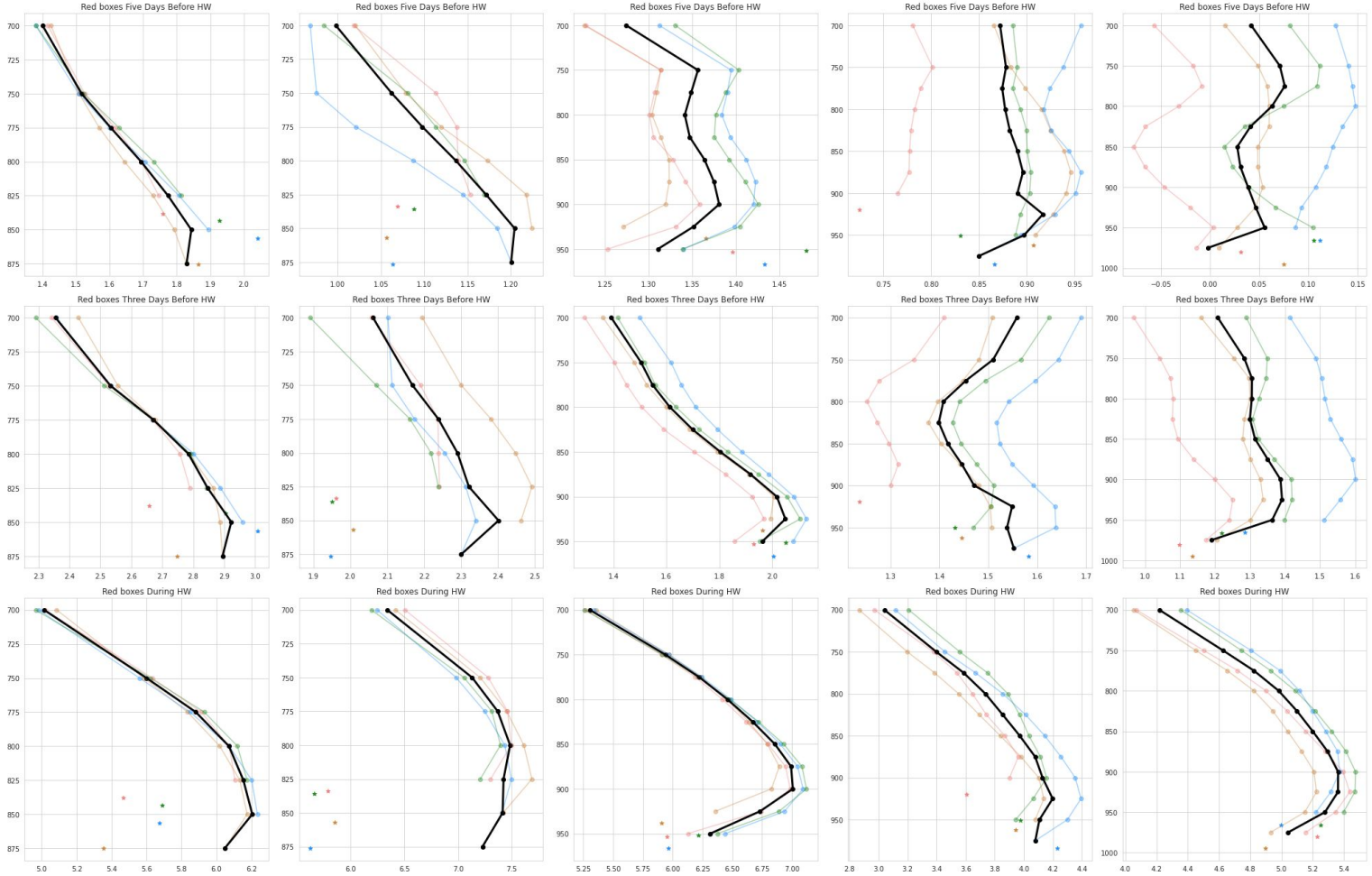
Vertical structure of non standardized potential temperature anomalies at 5 locations with + shflx and - lhflx (stars indicate t2m anomaly at surface pressure)



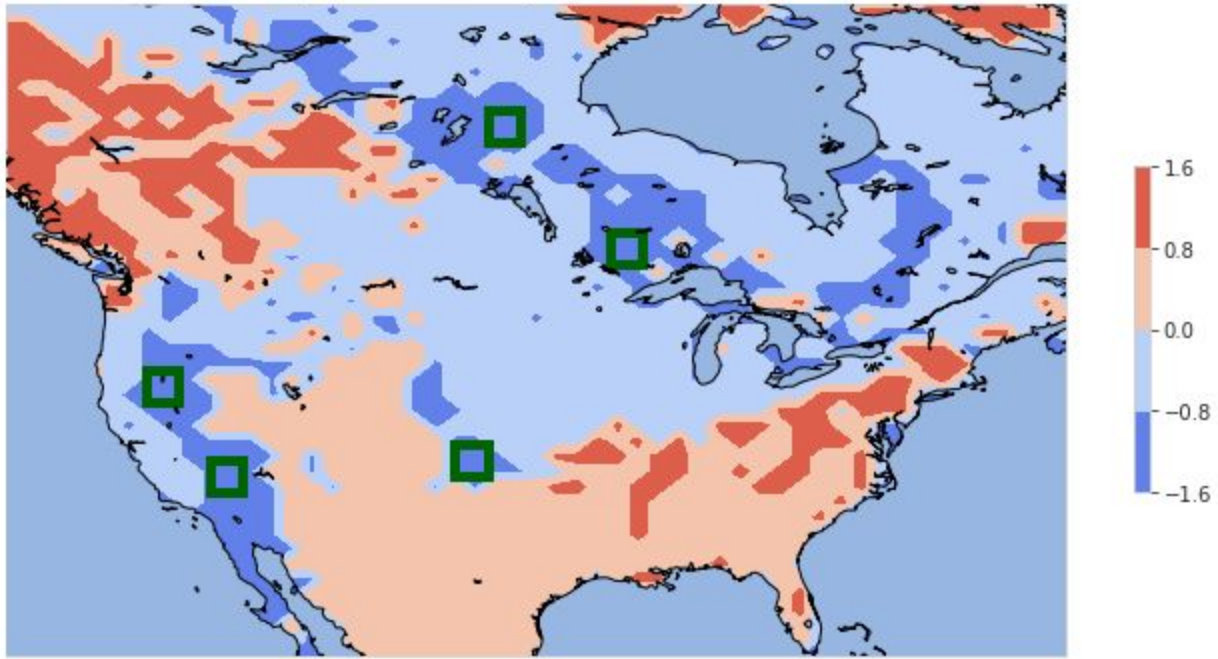
Red region boxes on ERA5 Quadrant Graph
Red = ++, Salmon = +shflx, Light Blue = +lhflx, Blue= --



Vertical structure of non standardized potential temperature anomalies at 5 locations with + shflx and + lhflx (stars indicate t2m anomaly at surface pressure)



Dark blue region boxes on ERA5 Quadrant Graph
Red = ++, Salmon = +shflx, Light Blue = +lhflx, Blue= --



Vertical structure of non standardized potential temperature anomalies at 5 locations with - shflx and - lhflx (stars indicate t2m anomaly at surface pressure)