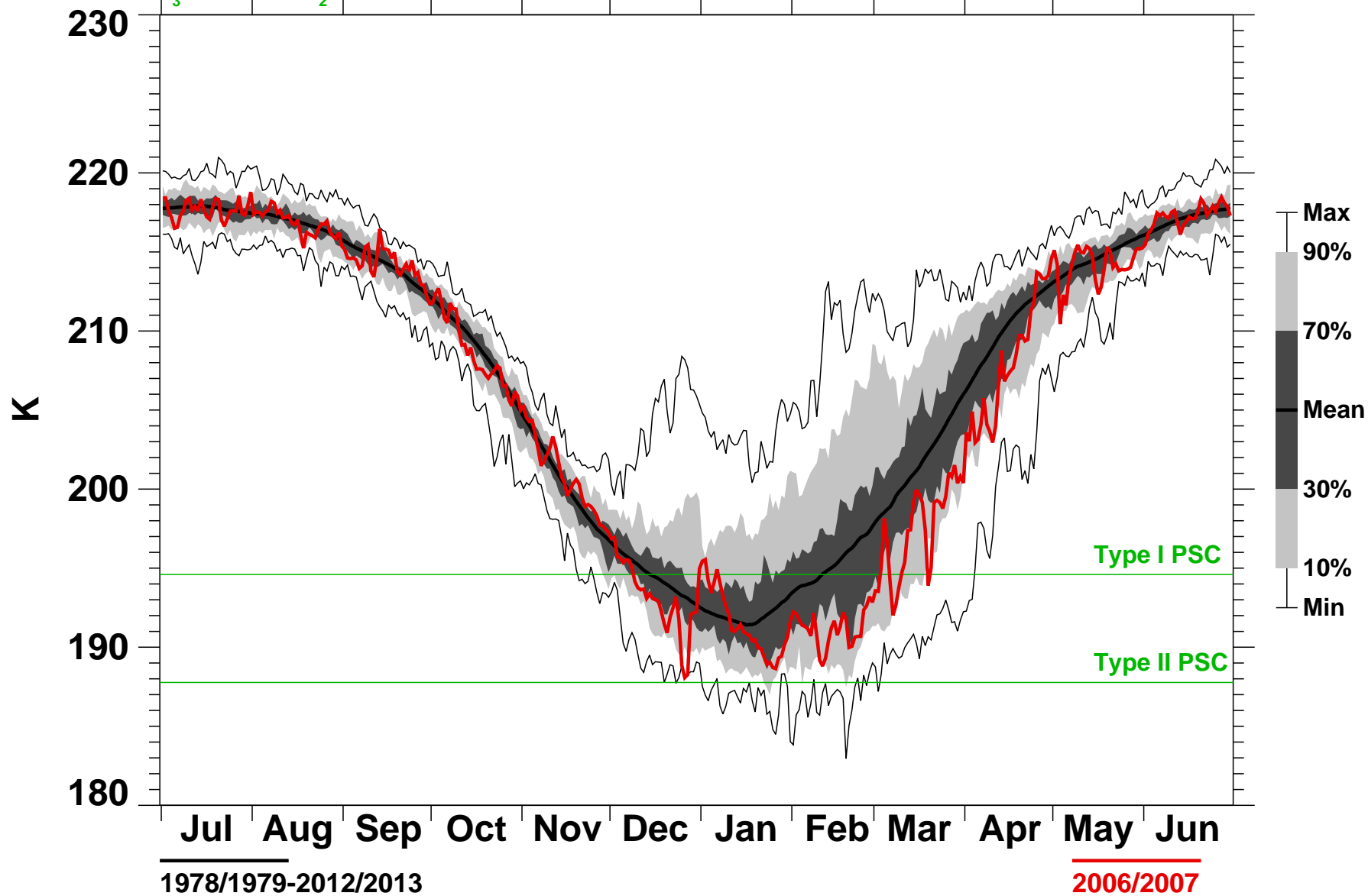


# 50-90°N Minimum Temperature

50 hPa MERRA

$\text{HNO}_3 = 6 \text{ ppbv}$ ,  $\text{H}_2\text{O} = 4.5 \text{ ppmv}$



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