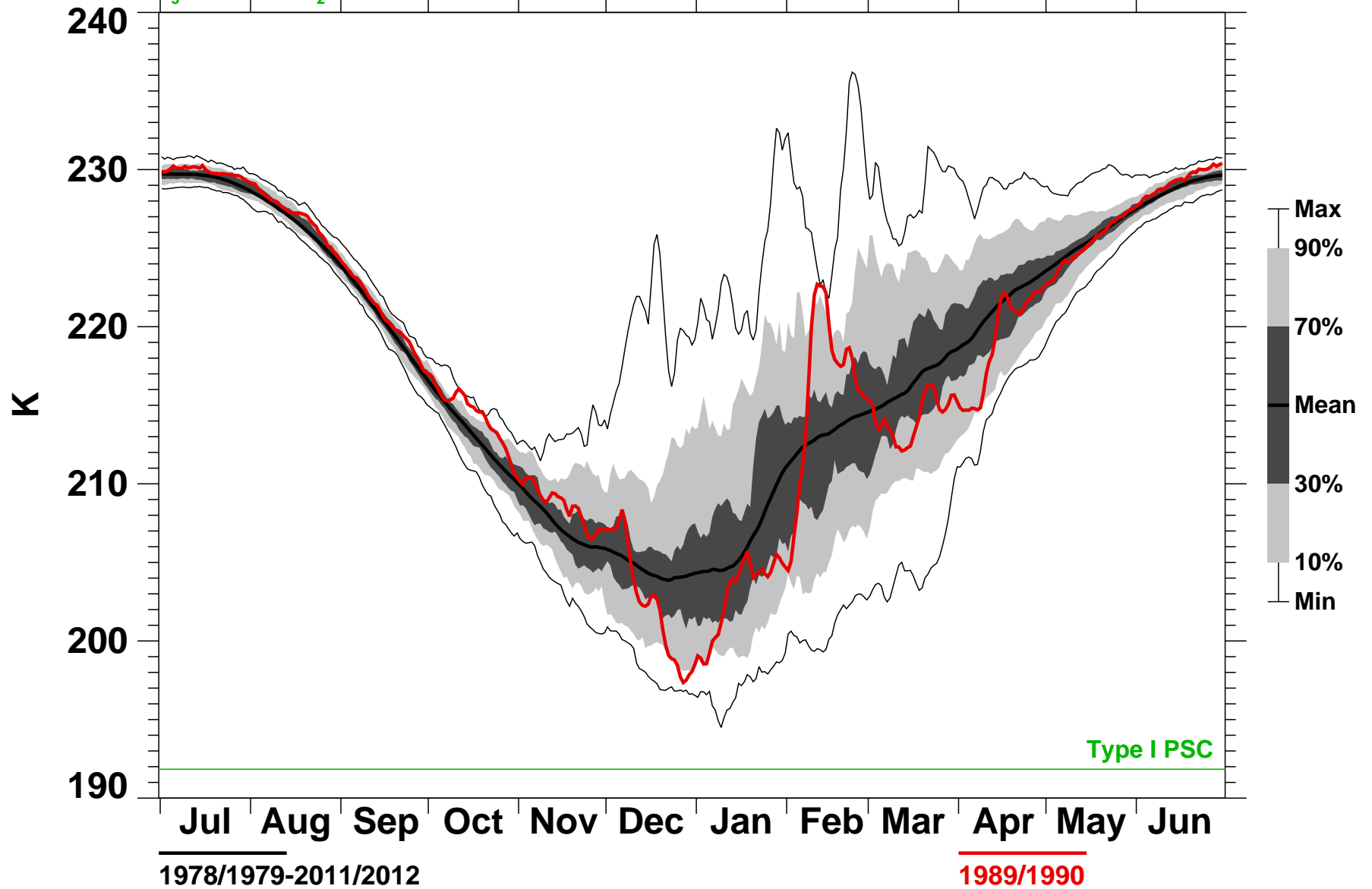


60-90°N Zonal Mean Temperature 30 hPa MERRA

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



Type I PSC

1978/1979-2011/2012

1989/1990