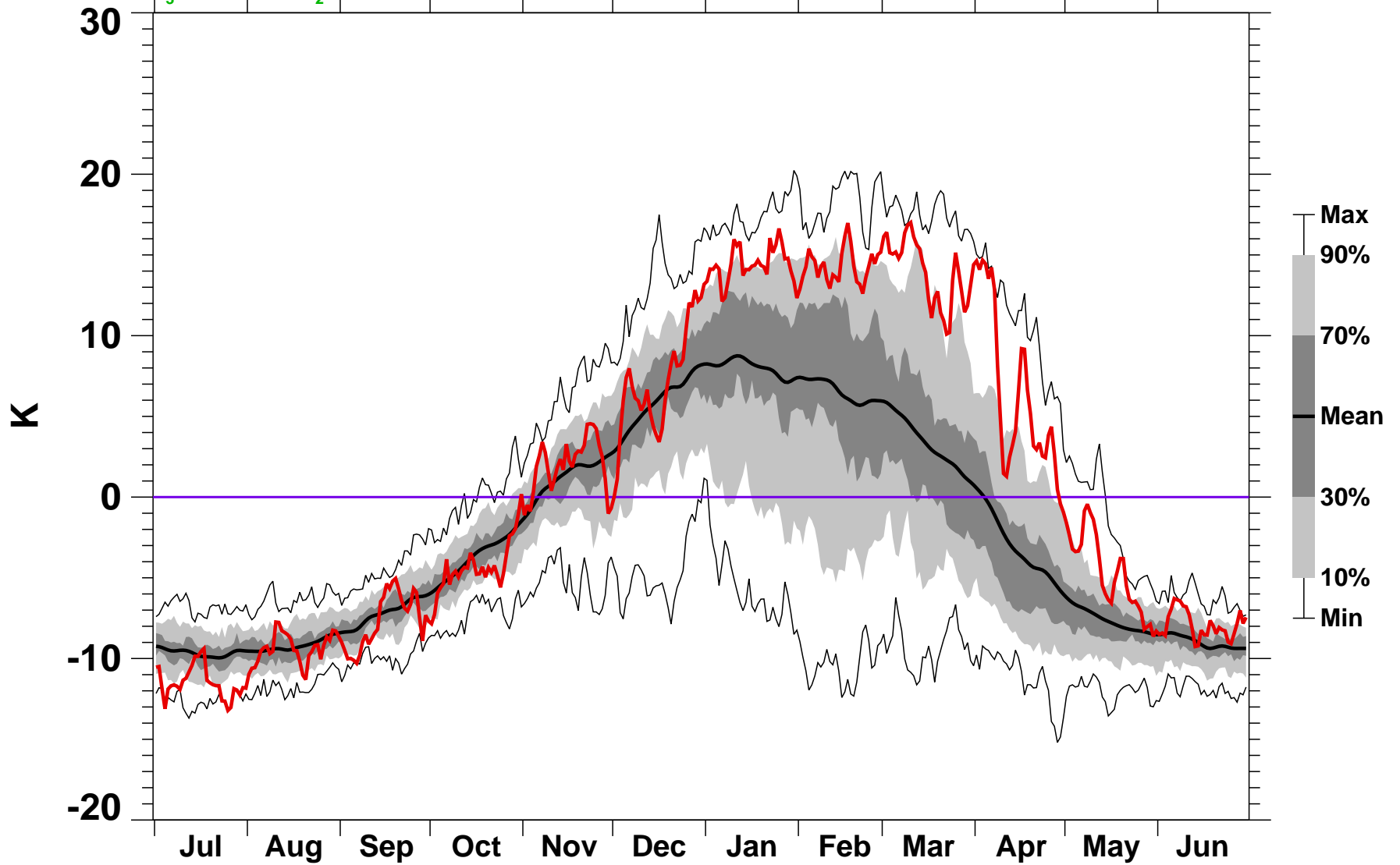


# 50-80°N Zonal Mean Temperature Gradient

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

150 hPa MERRA2



1978/1979–2022/2023

1989/1990

P. Newman (NASA), L. Lait (SSAI), S. Pawson (NASA)

2023-07-05T06:52:09Z