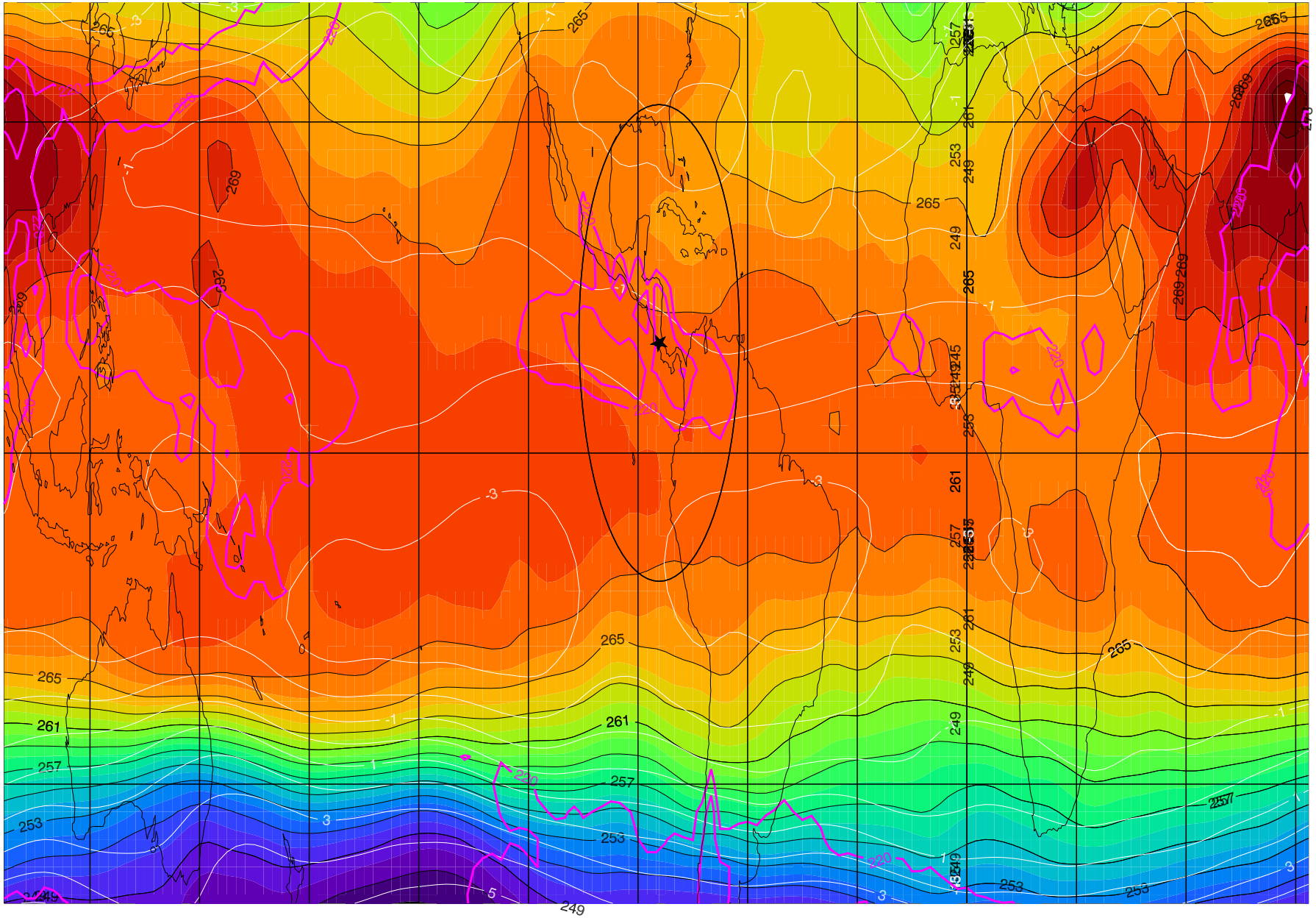500 hPa Temp. (K) July 1982.00