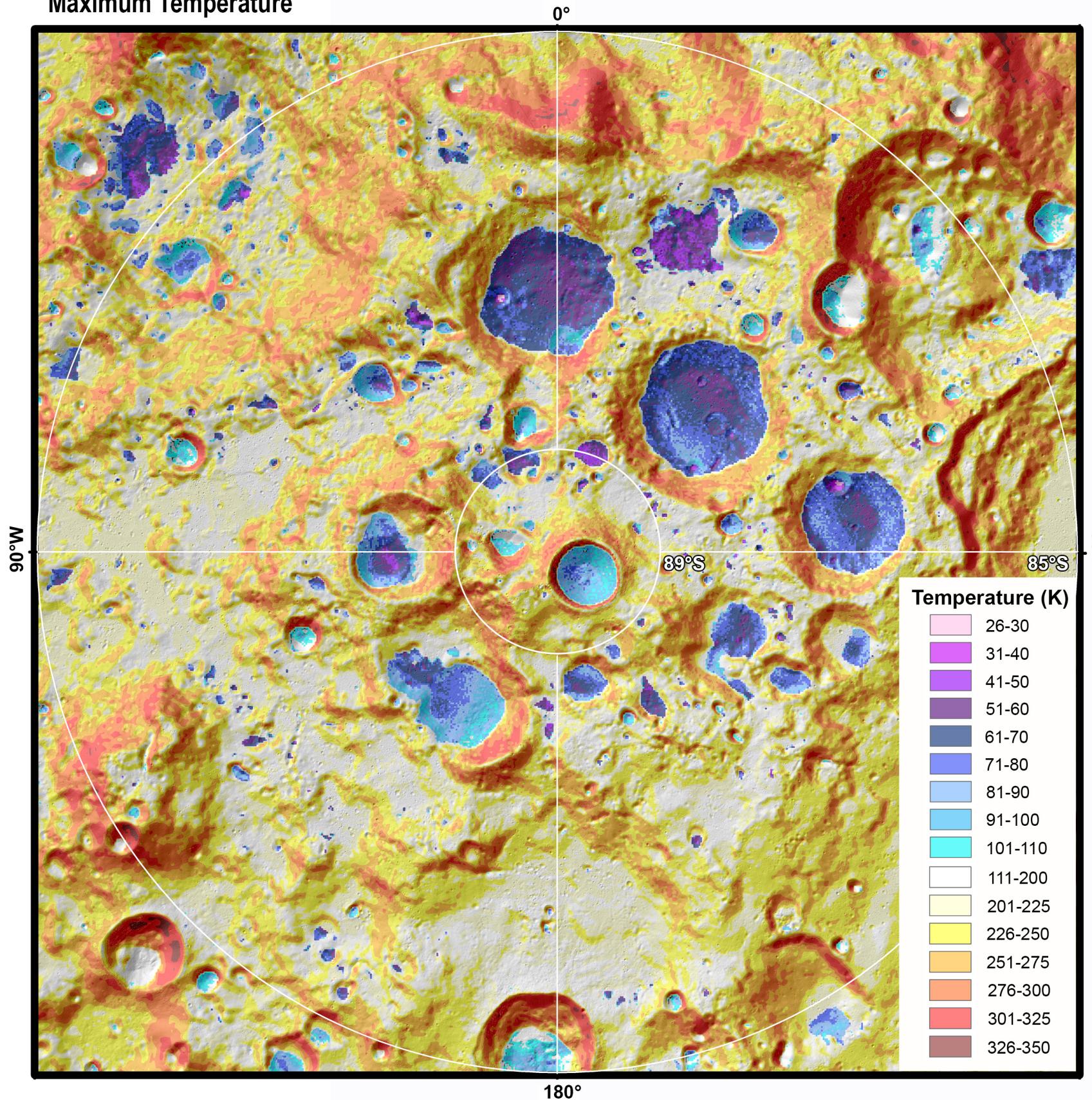


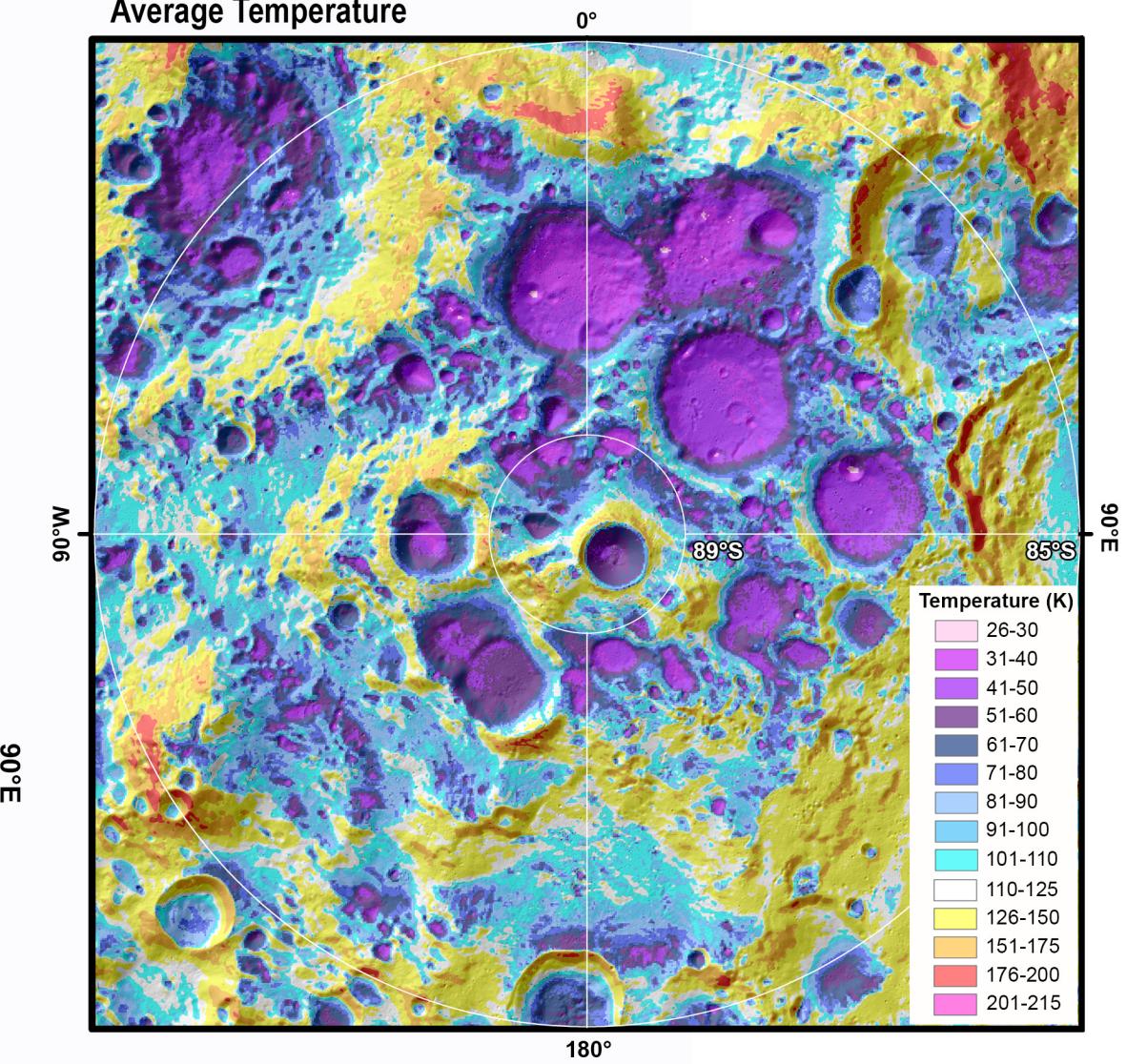
Near-Surface Temperatures Modeled for the Moon's South Pole (85°S to Pole)

Polarstereographic Projection (Scale 1:1,250,000)

Maximum Temperature



Average Temperature



Data sources:

Lunar Reconnaissance Orbiter Diviner instrument modeled temperature data at 2-cm depth for the lunar south pole (model of Paige et al., 2010) [NASA Goddard Space Flight Center (GSFC); University of California Los Angeles]. Colors denote quantized modeled temperatures; these are not actual measurements of surface temperature and discrepancies exist between the model and actual measurements. Modeled temperatures are shown overlain on a hillshaded relief map (with solar azimuth 45°W and solar elevation 45°) derived from the Lunar Reconnaissance Orbiter Laser Altimeter (LOLA) 20-m elevation data [NASA Goddard Space Flight Center (GSFC)].



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