



Figure 11. (top) Maximum temperature at 7 cm depth on Mercury (D. A. Paige, personal communication, 2012) derived with the formalism of *Vasavada et al.* [1999]. This model does not include surface topography. The hot poles (0° and 180° longitude) have the highest average surface temperatures. (bottom) Maximum temperature at a spatial resolution equivalent to that of the K abundance map in Figure 8, with regions outside of the GRS coverage area (latitude $<5^\circ$) removed.