

**GLACIERS OF MOUNT KENYA 2004,  
KENYA (1:5000)**

(Aerial Photogrammetric Map)

S. Hastenrath

Department of Atmospheric and Oceanic Sciences,  
University of Wisconsin, Madison, U.S.A.

The map documents the distribution of glaciers on Mount Kenya in the year 2004. A new glacier inventory was compiled from the map dated September 2004, and the glacier changes during 1993–2004 were evaluated with reference to Rostom and Hastenrath (1994). The map's ground control network is described in Hastenrath et al. (1989). The aerial photograph was flown on 1<sup>st</sup> of September, 2004, by Photomap International at an average height of 1483 m above the average terrain level of 4800 m a.s.l. The photographs were taken by a Wild 153 mm RC10 camera, and are at an approximate average scale of 1:10000 with 80% forelap and 60% sidelap, to cope with the extreme local relief. Aerial triangulation was conducted to determine the coordinates of control points. In addition to 8 ground control points a further 16 control points established from stereo models were used. Refer to Hastenrath et al. (1989) for a discussion of coordinate systems. Full documentation on this map is contained in Rostom and Hastenrath (2007). Further background information is provided in Hastenrath (1984).