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Atmospheric attenuation and sky brightness at 1300 and 2300 m asl

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Abstract. easurements of atmospheric attenuation and sky brightness were performed at the current Whipple 10m site (2300m asl) and at the two proposed VER-ITAS sites (elevation 1300 asl). Attenuation measurements were made at var-ious zenith angles and wavelengths using an optical telescope and ccd pho-tometer. Cosmic ray spectrum measurements were made using an atmospheric Cherenkov cosmic ray detector consisting of a searchlight mirror of 1.5 m aperture with a 5cm pmt at the focus.