

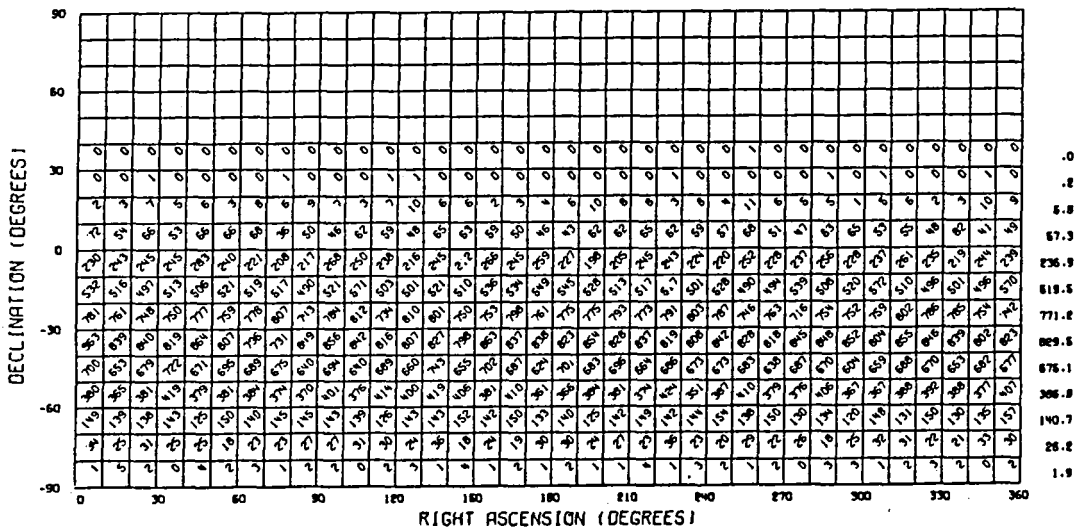
AIR SHOWER ARRIVAL DIRECTIONS MEASURED AT BUCKLAND PARK

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The Buckland Park air shower array (Crouch et al 1977, Crouch et al 1981) was operated for 3 years from 1979 to 1981 particularly for the study of anisotropies in the region of the knee of the size spectrum. The array which has been described in detail elsewhere was situated at a latitude of 35°S and had an effective size threshold of  $\sim 3 \times 10^5$  particles ( $\sim 3 \times 10^{15}$  eV for vertical showers). A number of results from this experiment have already been published including anisotropy analyses (Gerhardy and Clay, 1983) and searches for very high energy gamma ray sources (Clay et al. 1984, Protheroe et al. 1984, Protheroe and Clay 1984, Protheroe and Clay 1985). Here we wish to present our final distribution of measured shower arrival directions (Table 1).



These  $1.3 \times 10^5$  events were selected as indicated in detail in Gerhardy and Clay (1983) and were essentially those events with well measured arrival directions. They are the same data set used in the above references but no complete sky map has previously been presented.

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