

THE ROSAT ALL-SKY SURVEY BRIGHT SOURCE CATALOG

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1. Screening Process

In order to ensure the quality of the source catalogue derived from the SASS processing an automatic as well as a visual screening procedure was applied to 1378 survey fields. Most (94%) of the 18,811 sources were confirmed by this screening process. The rest is flagged for various reasons. Broad band images are available for a subset of the flagged sources. Details of the screening process can be found at

www.rosat.mpe-garching.mpg.de/survey/rass-bsc/doc.html.

2. Catalogue Access

Lists of the catalogue sources—selected by certain properties—may be retrieved via the **ROSAT Source Browser** at:

www.rosat.mpe-garching.mpg.de/survey/rass-bsc/scr.by.html.

In certain cases, the list provided contains also links to source images. The catalogue can be retrieved via the WWW or anonymous ftp at

([ftp.rosat.mpe-garching.mpg.de](ftp://ftp.rosat.mpe-garching.mpg.de/cd_archive/survey/rass-bsc); cd *archive/survey/rass-bsc*).

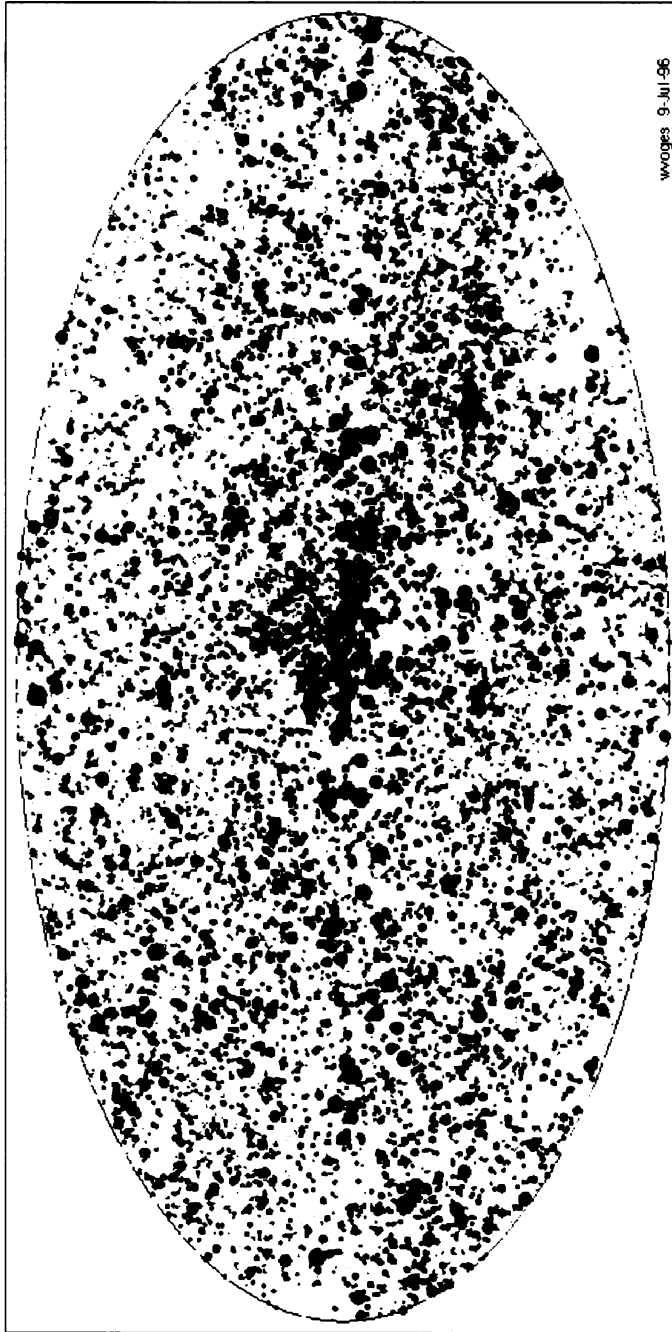
More information on the ROSAT All-Sky Survey Bright Source Catalogue can be found at:

www.rosat.mpe-garching.mpg.de/survey/rass-bsc.html

A list containing correlations with other catalogues and identifications is under preparation and will be available via the World Wide Web. A detailed description of the generation and the scientific content of the ROSAT BSC will be published in *Astronomy & Astrophysics*.

ROSAT ALL-SKY SURVEY Bright Sources

Aitoff Projection
Galactic II Coordinate System



Energy range: 0.1 - 2.4 keV
Number of RASS-II sources: 18 811

Figure 1. The ROSAT All-Sky Survey Bright Source Catalogue sources. The originally colour coded hardness ratio is translated into a grey scale (light grey: soft and black: hard X-rays). The size of the symbols corresponds to the source count rate.