

Calibration and Standardization of Large Surveys and Missions in Astronomy and Astrophysics



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Calibration of the Bright Sky with APASS

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The AAVSO Photometric All-Sky Survey (APASS) has been underway for over a year. This survey will calibrate the entire sky from $10 < V < 17$ in five filters: Johnson B and V, and Sloan g', r' and i'. Each area of the sky is visited four times during the course of the survey, with two visits at one field center and two visits at a field located center-to-corner from the first so as to have maximum overlap. For bright stars, the photometric accuracy will be 0.02mag, and the astrometric accuracy will be 100mas. We have made five data releases to date, covering about 90 percent of the sky with a minimum of two visits. Users can access the current catalog at <http://www.aavso.org/apass>. The survey will be completed in about two years.

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