

Six Variable Stars found in the NSVS Database (3)

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Abstract:

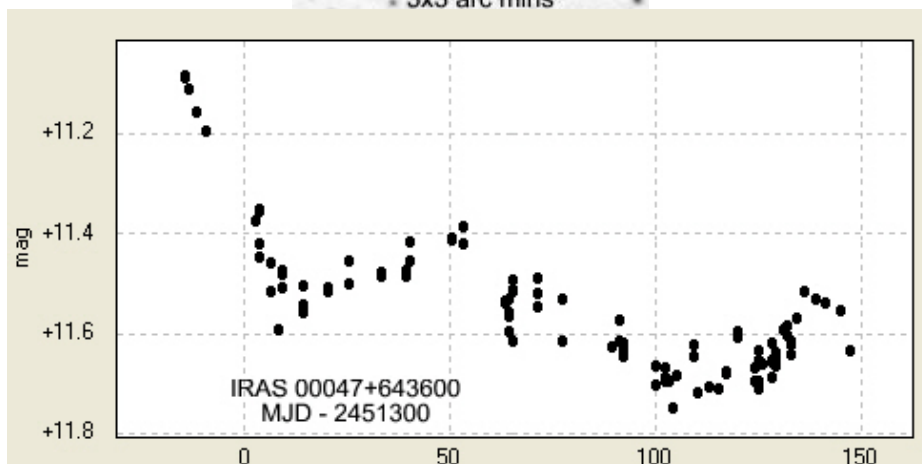
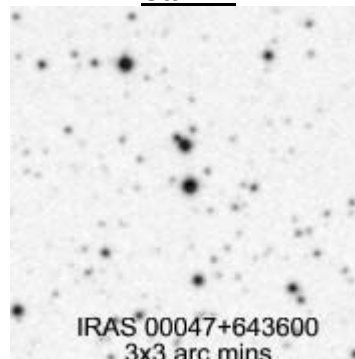
A search for variable stars has been conducted in the publicly available data of the Northern Sky Variability Survey (NSVS). The statistical properties of the star; the magnitude, magnitude scatter and median error were entered into a multi-factor algorithm to evaluate the most promising stars for further examination and analysis. The default settings for the NSVS user interface were used except, following the suggestion of Wils, Lloyd and Bernhard (2006), the APINCOMPL flag was set and the RADECFLIP flags unset. Only stars not listed in the “Combined General Catalogue of Variable Stars (Samus+ 2004)”, or in the “Suspected Variable stars and Supplement”, or in “Red Variables in the NSVS (Williams+, 2004)” or identified as variable in Simbad have been included.

Notes:

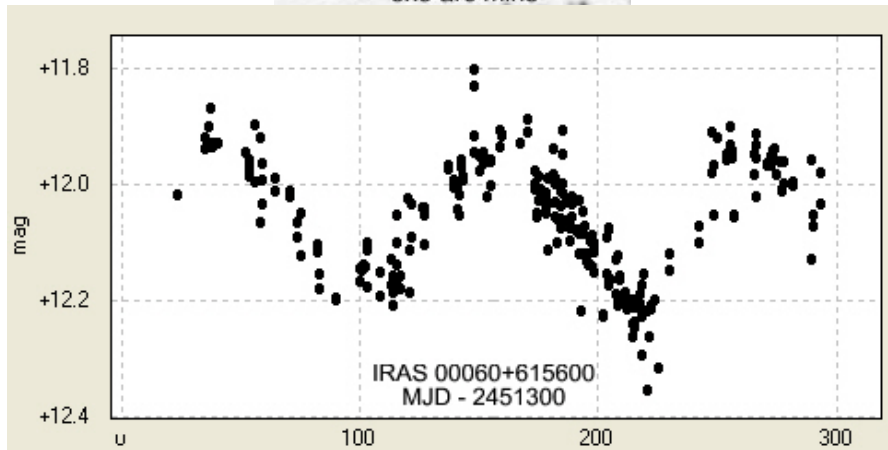
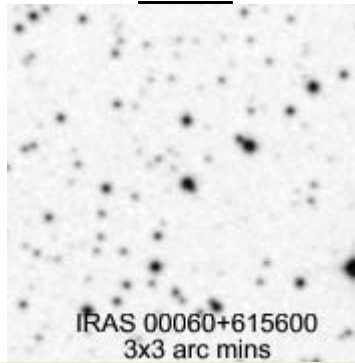
The quoted magnitudes can be regarded as CR mags – that is resulting from an unfiltered, red sensitive CCD, using R band magnitudes.

Number	Name	Position	Type and amplitude	Links
1	IRAS 00047+6436	00 07 25 +64 52 53	Type I amplitude c0.6mags	NSVS data
2	IRAS 00060+6156	00 08 42 +62 12 41	Type SR amplitude c0.3mags	NSVS data
3	IRAS 00093+6021	00 12 02 +60 37 51	Type I amplitude c1.0mags	NSVS data
4	IRAS 00139+6534	00 16 43 +65 51 15	Type I amplitude c0.4mags	NSVS data
5	IRAS 00158+6310	00 18 35 +63 27 31	Type I amplitude c0.4mags	NSVS data
6	IRAS 00163+6739	00 19 04.6 +67 56 16	Type I amplitude c0.5mags	NSVS data

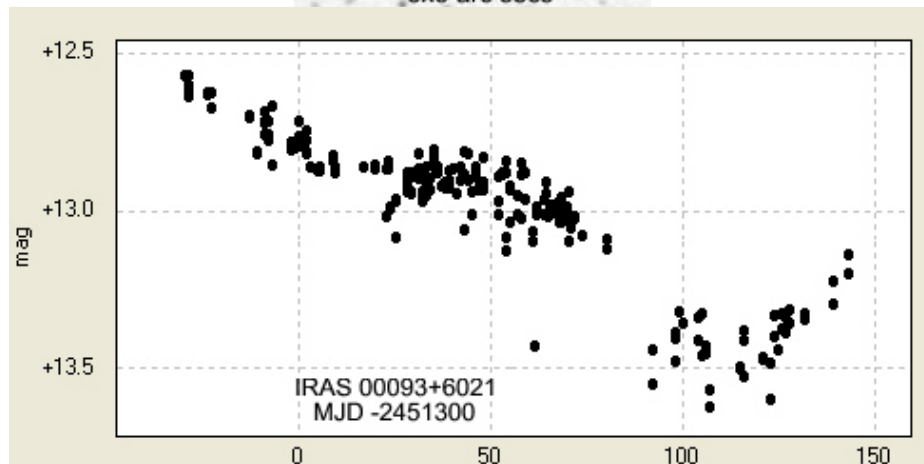
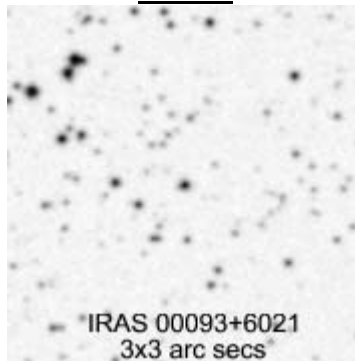
Star #1



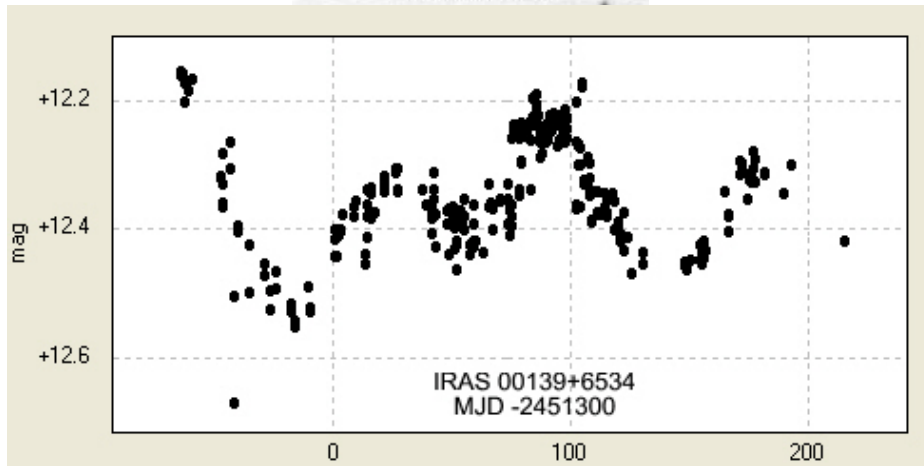
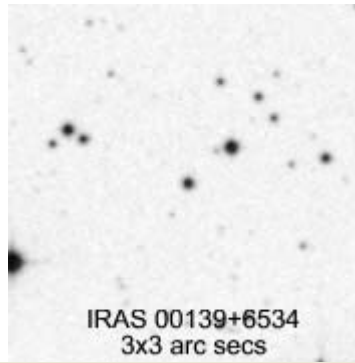
Star #2



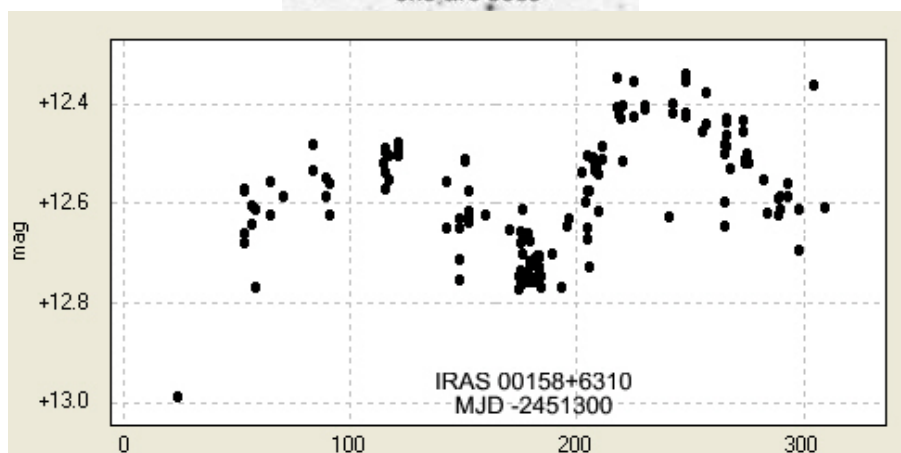
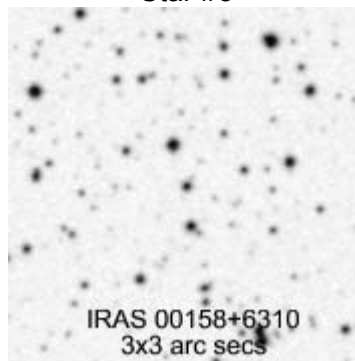
Star #3



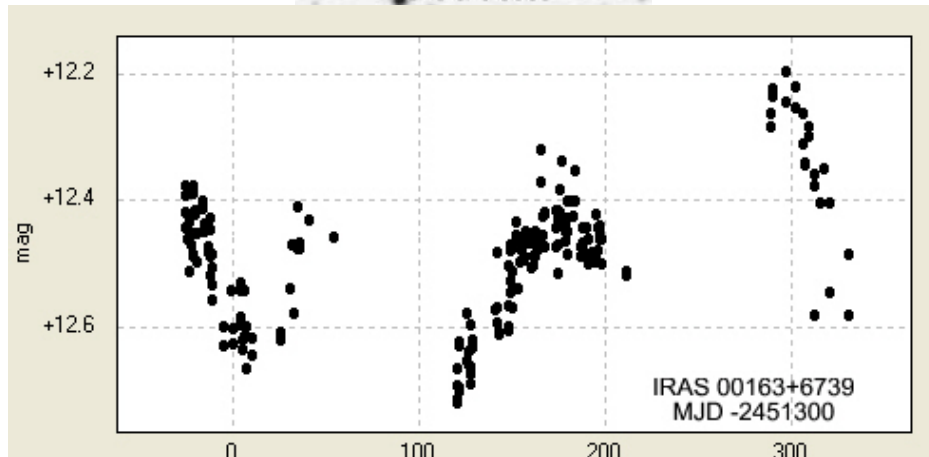
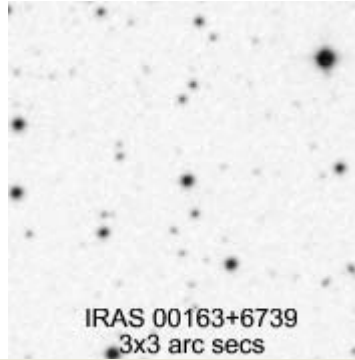
Star #4



Star #5



Star #6



References

A Catalogue of RR Lyrae Stars from the Northern Sky Variability Survey
Patrick Wils, Christopher Lloyd, Klaus Bernhard

Monthly Notes Royal Astronomical Society 000, 1–25 (2006)

Websites

The Northern Sky Variability Study

<http://skydot.lanl.gov/nsvs/nsvs.php>

The Simbad Astronomical Database

<http://simbad.harvard.edu/Simbad>

The Combined General Catalogue of Variable Stars

<http://vizier.hia.nrc.ca/viz-bin/VizieR?-source=II/250>

Red variables in the NSVS (Williams+, 2004)

<http://vizier.u-strasbg.fr/viz-bin/VizieR?-source=J/AJ/128/2965>