PTF Variable Sources Marshal

Search Sources

Clasification Requests

My Bookmarks

Finding Charts

Request PTFIDE Photometry

Search Photometric DB:

Examples: PTFS1200aaa, PTF12aaa, dd.ddd dd.ddd, hh mm ss.s +dd mm ss.s

Radius ("): 3 Search

Latest Marshal Updates:

Oct 7, 2016: The variable marshal has been migrated to a new server, and marshal data has been updated through mid-August 2016.

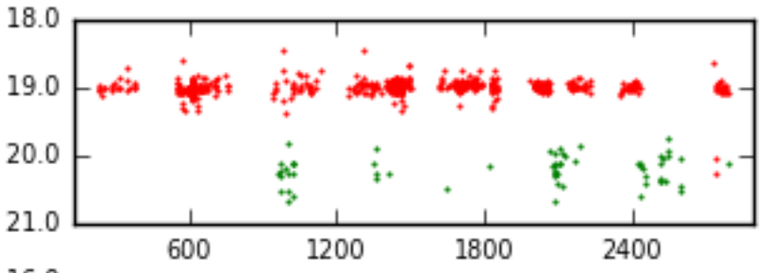
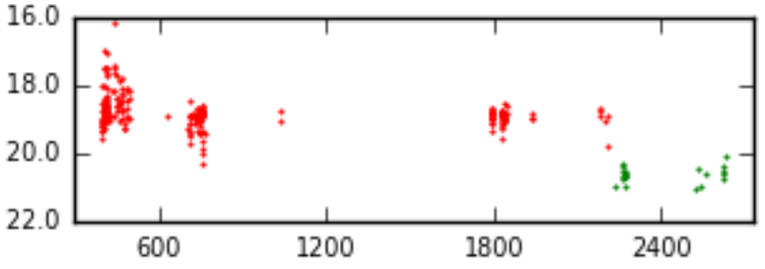
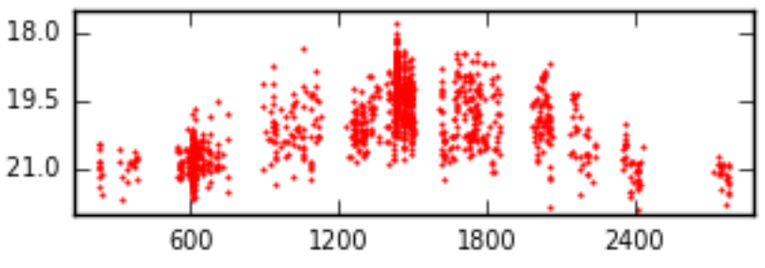
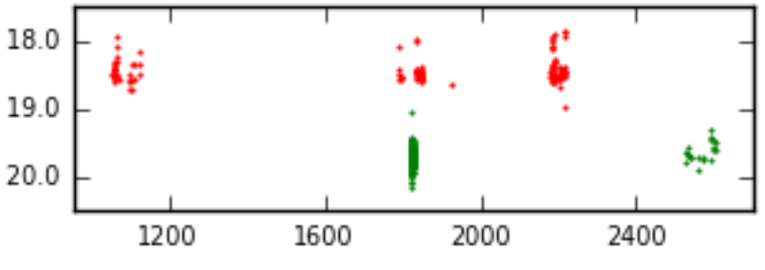
Mar 29, 2016: Marshal data has now been updated through March 20, 2016, and the photometry problems should be fixed.

Observing Runs

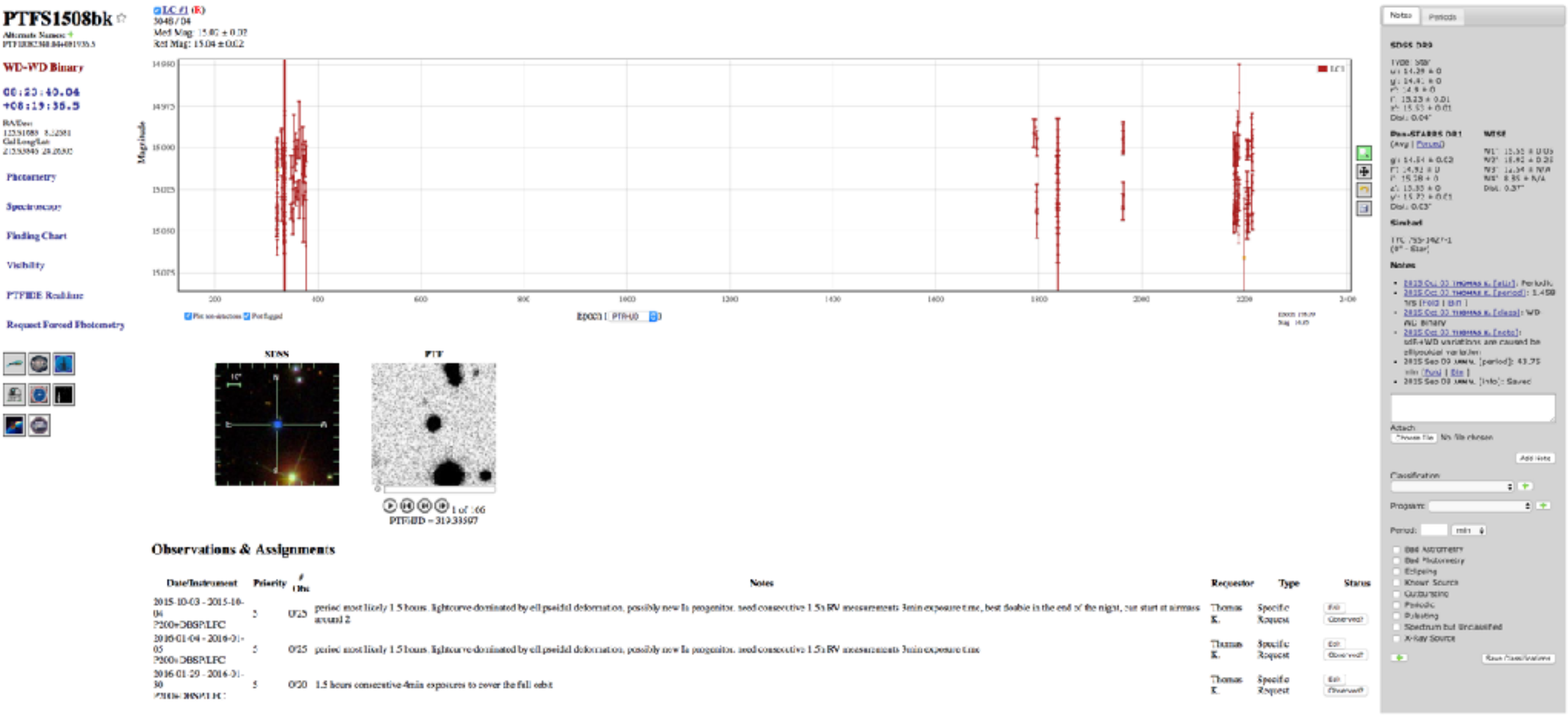
<- Prev **July 2017** Next ->

- P200+DBSP (2017-06-29 - 2017-07-01) - PTF Galactic Classification - Kulkarni
- KeckI+LRIS (2017-07-21 - 2017-07-22) - PTF Galactic Classification - Prince

Latest Saved Sources

LC	Source	RA/Dec
	PTFS1700gq	13.63326 41.40176
	PTFS1708by	127.17349 18.56633
	PTFS1700gp	13.74327 42.31567
	PTFS1707bu	114.61641 40.20602

The PTF Galactic Marshal



- Allows for a quick look at the data
- Some tools are available e.g.
  - Commenting, simple lomb-scargle
  - PanSTARRS, SDSS, WISE colors
  - Links to other catalogs

If we have a fairy godmother what would be our wish

- A more sophisticated period finding algorithm which automatically finds the best period and allows to fold the data

- an URL link to download the lightcurve (instead of having to click a button)

- show ZTF, PTF and CRTS lightcurves all in the same window

- show object in a color-color diagram e.g.:
  - u-g vs. g-r
  - proper motion vs. color

- show all available measurements for the object as function of wavelength (Galex, SDSS, PS, 2MASS, WISE, PTF-Halpha?)
  -> Spectral Energy Distribution

Planing without the fairy godmother

- working on a upgrade Galactic Marshal
  - full conversion into python
  - slightly different layout

PTF Variable Marshal | Search Sources | Classification Requests | Bookmarks | PTFS... | View Source

Search Photometric DB

Examples: PTFS1200aaa, PTF12aaa, dd.ddd dd.ddd, hh mm ss.s +dd mm ss.s

Radius ("): 3 | Finding Chart | Search

Latest Marshal Updates

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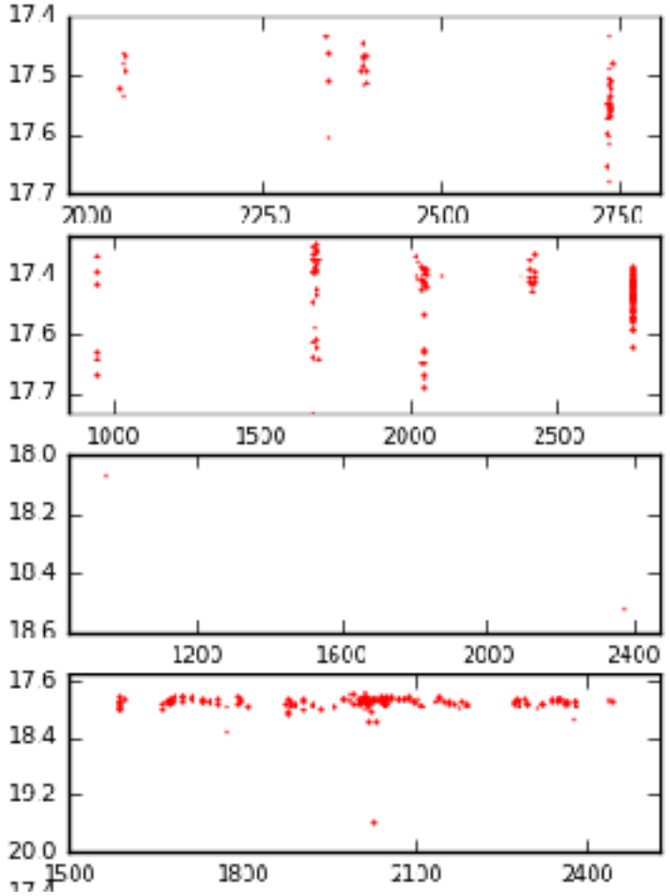
Latest saved sources



LC	Source	RA/Dec
	PTFS1719fa	291.12252 24.81862
	PTFS1720em	300.48933 40.21486
	PTFS1720el	300.30216 40.24278
	PTFS1720ek	310.78207 39.33958

Planing without the fairy godmother

PTF Variable Marshal | Photometry | Spectroscopy | Finding Chart | Visibility | PTFIDE | PTFS... | View Source

PTFS1508bk ☆

WD-WD Binary

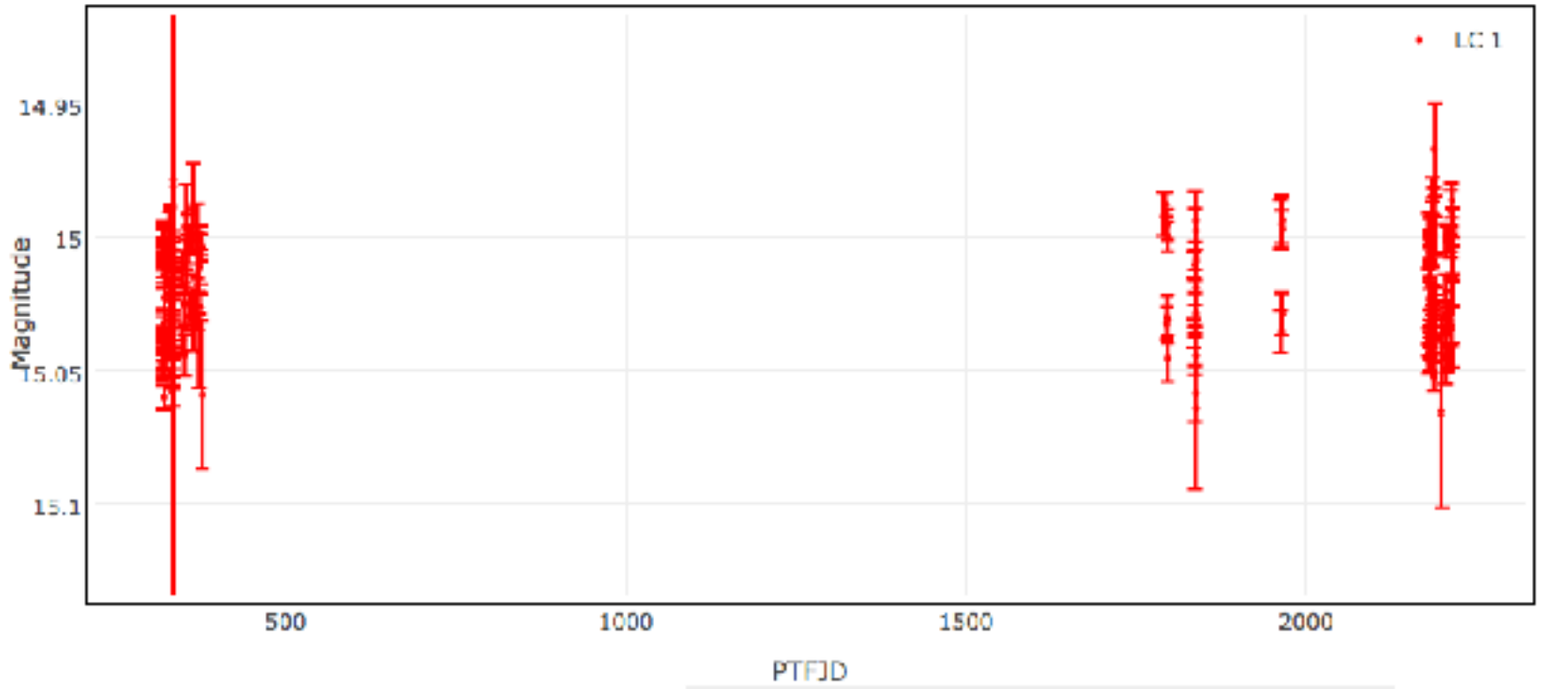
08:23:40.04 +08:19:36.5

RA: 125.91683 Dec: 8.32681

Gal Long: 215.93845 Gal Lat: 24.26305

Alternate Names +

PTF1J082340.04+081936.5



Show Light Curve

Epoch units: PTFJD

Show Flagged

Show Non-Detections

Show Folded Light Curve

Show Binned Light Curve

Show Periodogram

Photometry Data

PTF 3048/04

(LC #1; R)

Med Mag: 15.02±0.02

Ref Mag: 15.04±0.02

Notes

Notes

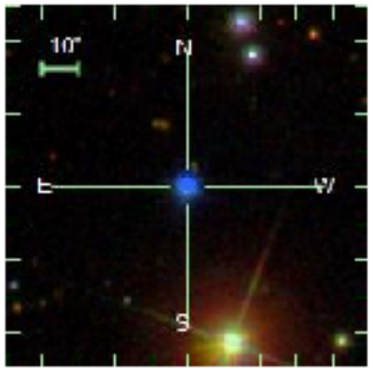
- 2015 Oct 3 THOMAS K. [attr]: Periodic
- 2015 Oct 3 THOMAS K. [period]: 1.456 hrs [Fold | Bin]
- 2015 Oct 3 THOMAS K. [class]: WD-WD Binary
- 2015 Oct 3 THOMAS K. [note]: sdB+WD variations are caused be ellipsoical variation
- 2015 Sep 9 JAN V. [period]: 43.75 min [Fold | Bin]
- 2015 Sep 8 JAN V. [info]: Saved

Add Note

Set classifications

Source Images

SDSS DR9



Observations and Assignments

Date/Instrument	Priority	# Obs	Notes	Requestor	Type	Status
			period most likely 1.5 hours, lightcurve dominated by			