

Abstract Submitted
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McDonald Observations of J1118+480 LORENA MONROY, PAUL A. MASON, University of Texas at El Paso, E.L. ROBINSON, University of Texas at Austin — Starting in the summer of 2010 and continuing to the summer of 2011, we observed J1118+480 at McDonald Observatory using Argos (a charged-coupled device, CCD, camera) for a total of 13 nights. We present the light curves from the gathered nights that have been reduced using scientific linux operating system and IRAF. The light curve data is converted to Heliocentric Julian Date (HJD) and the delta Magnitude between a comparison star and the target star (J1118+480) is plotted. We performed a period search of our light curves using Phase Dispersion Minimization (PDM) and we discuss the implications of the period search. This research is supported by a National Science Foundation, Partnership in Astronomy and Astrophysics Research and Education (PAARE) grant to the University of Texas at El Paso.

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