

## Followup observations after November 11-14, 2017 Observing Run

**JD58073 (11/15-16/2017):** This was the next night after our run. It was generally cloudy but I did about a 2-hour run when clouds were at a minimum, then closed up. Did MT Cam from  $\sim 0.35 - 0.55$ .

**JD 58092 (12/04-05/2017):** Observed MT Cam for about 3 hours, then another couple of hours later with clouds (gap due to a procedural error I made before driving out). Mostly clear for first part, from phase  $\sim 0.6$  to 0.0, clouds from 0.15 to 0.33.

Note: dome did not close on the morning of 12/8 due to procedural error by a colleague. That led to wet snow getting on the telescope. Scope was out of commission for several days, causing me to lose  $\sim 2.7$  clear nights.

**JD 58101 (12/13-14/2017):** Observed on first night after snow debacle and telescope cleanup. Did some work at DSO, including some Excel. See PlanAndNotes file for what took place. Observed CD Tri until it reached 2 air masses (phases  $\sim 0.78 - 0.6$ ), then MT Cam for the rest of the night (phases  $\sim 0.1 - 1.5$ ). Poor seeing, big images.

**JD 58102 (12/14-15/2017):** Observed CD Tri until 2 air masses (phases  $\sim 0.4 - 0.0$ ), then went to MT Cam for a few hours until clouds moved in and the dome closed (phases  $\sim 0.5 - 0.9$ ).

**JD 58103 (12/15-15/2017):** Just observed MT Cam from phase  $\sim 0.7$  to  $\sim 0.5$ , when the dome closed for clouds. Adjusted exposure times as needed, but not at the very end. Lost the end of the night since dome had closed (I was not awake).

**JD 58104 (12/16-17/2017):** Did all night on MT Cam, with some clouds and adjustment of exposure times. Got more than one orbit, from phase  $\sim 0.4$  to 0.4 again and on to 0.7 again. It ran into dawn and I saved some kind of "pseudo-flats" from that period, in case original flats were bad.

Each night has a ChartMM-DD-DD-2017.pdf file that is the weather record and notes made the next day about what happened, and a JD58xxxPlansAndNotes.jpg file that is a scan of my Planner program output file that I make notes on while observing, and box-in the phase coverage for each observed target. Note the phases are those used in the Excel files. There is also a text file saying what flats to use. If flats were not taken that night.

There is also a graphic in the root Fall 2017 folder that shows the phase coverage for both systems at a glance.