

Tuesday, December 5, 2023

Arrived at LTO about 3:45 PM. Partly cloudy here. Not looking like the forecast that showed mostly clear this morning.

Using the 18" and 38mm eyepiece to look at some Solar Neighborhood Stars and Double Stars tonight.

Seeing and Transparency very good at sunset. Cleared up nicely like to the forecast I was expecting. Cool. Temperature is dropping quickly.

Looked at 8 SNH stars from 5:15 – 5:40 PM. One was a multiple star system, Stein 2051.

STF 2316	5:45 PM	171x – Not split able. Bright yellow.
STF 2202	5:48 PM	171x –
STF 2161	5:50 PM	171x – Very close.
STF 2276	5:51 PM	171x – Close.
SHJ 286	5:53 PM	171x – A yellow, B red.
STF 2379	5:55 PM	171x – A, B, C (very faint). All very close.
STF 2594	5:56 PM	171x – Both cream colored.
SHJ 247	5:58 PM	171x – <u>Very close</u> .
STF 2130	6:01 PM	171x - <u>Very close</u> . Bright.
STF 2605	6:04 PM	171x – A, B <u>very close</u> , B much fainter, C <u>extremely faint</u> , D, F.
STF 2420	6:05 PM	171x – A orange, B red.
STF 2603	6:07 PM	171x – A, B <u>very faint</u> . Both <u>very close</u> .
STF 2625	6:08 PM	171x – A red, B extremely faint.
STFB 11	6:12 PM	171x - A yellow, B yellow, C <u>very faint</u> .

Seeing and Transparency very good.

STF 2585	6:13 PM	171x –
----------	---------	--------

STFA 56	6:15 PM	171x –
STF 2308	6:17 PM	171x – A, B cream color, C faint and red.
STF 2118	6:19 PM	171x – Tiny bit of oval shape.
STF 2368	6:21 PM	171x – A, B <u>extremely close</u> , C <u>extremely faint</u> .
STF 2726	6:24 PM	171x – A orange, B. Both very close and very faint.
STF 2729	6:28 PM	171x – A, B oval shaped, D.

39 degrees. Calm. Clear. Seeing and transparency very good.

STF 2438	6:33 PM	171x – Not splitable.
S 790	6:36 PM	171x – A cream, B, C.
STF 2716	6:41 PM	295x – A orange, B, both <u>extremely close</u> , C. 171x – A, B elongated a tiny bit.
STF 2725	6:43 PM	171x –
STF 2675	6:45 PM	171x – A cream, B, C.
STF 2743	6:50 PM	171x – A cream, B, C <u>extremely faint</u> , D.
STF 2323	6:54 PM	171x – A yellow, B, both <u>very close</u> , C.
H I 56	6:58 PM	171x – A, B very close.
H IV 125	7:01 PM	171x –
STF 3049	7:08 PM	171x – A yellow, B, both extremely close, C.
S 297	7:10 PM	171x – A yellow, B red.
60 Cyg	7:14 PM	171x – Bit elongated. No separation.
13 Del	7:16 PM	171x – Not splitable. Yellow.
16 Del	7:18 PM	171x – A orangish, B.
17 Cyg	7:19 PM	171x – A yellow, B red, C reddish.

37 degrees. Seeing and Transparency good low in the western sky.

4 Vul	7:29 PM	171x – A orange, B <u>extremely faint</u> .
12 Aqr	7:32 PM	171x – A orange.
1 Del	7:34 PM	171x – A yellow. Not splitable.
NV Peg	7:37 PM	171x – A orange, B reddish, C <u>extremely faint</u> .
4 Peg	7:38 PM	171x – A yellow, B <u>extremely faint</u> .
65 Dra	7:41 PM	171x – A, B both orange, P <u>extremely faint</u> .
STF 2348	7:43 PM	171x – A orange, C.
STF 2742	7:46 PM	171x – A, B, both <u>extremely close</u> .
Beta PsA	7:47 PM	171x – A yellowish.
STF 2978	7:49 PM	171x –
STF 2982	7:51 PM	171x – A orange, B.
STF 2992	7:54 PM	171x – A B, both close, C <u>extremely faint</u> .
STF 2991	7:56 PM	171x – A orange, B.
HJ 1859	7:58 PM	171x – A yellow, B.
DE And	8:00 PM	171x – A reddish star.
STF 3004	8:03 PM	171x – A cream, B.
STF 3007	8:05 PM	171x – A orange, B very faint, both very close, C.
STF 3009	8:06 PM	171x – A red, B.
STF 3019	8:08 PM	171x – A reddish, B yellow.
STF 3021	8:10 PM	171x – A, B, C.
STF 3028	8:12 PM	171x –
STT 501	8:14 PM	171x – A reddish, B.
STT 504	8:15 PM	171x – A red, B <u>extremely faint</u> .

STF 3033 8:16 PM 171x – A, B very close.
STF 3034 8:18 PM 171x – A cream, B extremely faint. Both very close.
STF 3037 8:21 PM 171x – A, B extremely faint. Both very close.

Feeling colder. Seeing and Transparency good.

STT 513 8:23 PM 171x – A cream, B. Extremely close.
STF 3055 8:26 PM 171x – A yellow, B, both very close, C very faint.
STT 514 8:28 PM 171x – A yellow, B very faint. Both very close.

Recorded 3 more Solar Neighborhood stars.

STT 111 9:03 PM 295x – A, B are extremely close.
STT 545 9:08 PM 171x – A, B. Both yellow, bright and extremely close, but splittable. C, D.
SHJ 70 9:11 PM 171x – A orange, B red. C, D, E, F nearby and extremely faint.
S 524 9:12 PM 171x – A, B both yellow, C.
SHJ 75 9:14 PM 171x – A cream, B.
S 548 9:25 PM 171x – A orange, B extremely faint. Both extremely close, C.
SHJ 368 9:28 PM 171x – A yellow, B, C.
STF 1009 9:30 PM 171x – A, B. Both very close.
HJ 342 9:36 PM 171x – A red, B, maybe saw extremely faint C.

Not feeling well. Will call it a night.

It was another very good night of observing. I was seeing many components of multiple stars that were faint. The telescope worked great.

Was 39 degrees when I left. Seeing and transparency was OK low in the eastern sky.

When I got home and started to unload the truck, I had an AFib incident that lasted till I went to sleep. The next day I was tired and had no energy.