

## Sunday, November 12, 2023

At LTO using the 18" and 38mm eyepiece.

Seeing and Transparency good at sunset. Clear. Cool. About 50 degrees.

H V 133	5:27 PM	171x – Saw A, B ( <u>extremely faint</u> ).
STF 2082	5:29 PM	171x – Saw A (orange), B.
H IV 122	5:32 PM	171x – Saw A, B.
H V 127	5:34 PM	171x – Saw A (yellow), B.
SHJ 227	5:36 PM	171x – Saw A, B, C ( <u>extremely faint</u> ).
STF 2084	5:38 PM	171x – Saw A (yellow) no B component.
STF 2095	5:39 PM	171x – Saw A & B (very close).
STF 2016	5:40 PM	171x –
STF 2051	5:43 PM	171x – Saw A (orangish), B.
STFA 38	5:46 PM	171x – Saw A, B, E.
STF 2492	5:48 PM	171x – Saw A (orange), B (very faint). Both very close together.
H V 40	5:51 PM	171x – Saw A, B, C, D.
STF 2040	5:52 PM	171x –
STF 2583	5:55 PM	171x – Saw A, B & C ( <u>very faint</u> and <u>very close</u> together).
STFA 39	5:58 PM	171x – Saw A, B, E, F.
STF 2063	6:01 PM	171x –
HJ 603	6:04 PM	171x – Saw A (orange), B ( <u>extremely faint</u> ), C, D, E.
H V 93	6:05 PM	171x –
STF 2390	6:07 PM	171x – Saw A & B very close together.
STF 2263	6:09 PM	171x – Saw A (reddish), B.

H IV 99	6:12 PM	171x – Saw A (yellow), B, C (yellow), D, E.
STF 2448	6:14 PM	171x – Saw A & B <u>very close</u> together. Both orange.
STF 2589	6:17 PM	171x –
STF 2383	6:19 PM	171x – Saw A & B very close together.
STF 2461	6:25 PM	171x – Saw A (yellow), B, E, G, C, H, F, D, a.
STF 2441	6:28 PM	171x – Saw A (pale white), B, C.
AGC 11	6:29 PM	171x – Saw A, C, D.
STF 2010	6:32 PM	171x – Saw A, B. Both orange in color.
STF 2569	6:36 PM	171x – Saw A (orange), B.
STF 2628	6:44 PM	171x – Saw A (red). Not sure I saw B.
STF 2431	6:46 PM	171x –
STF 2382	6:49 PM	171x – Saw A & B <u>very close</u> together.
STF 2563	6:53 PM	171x - Saw A & B very close, C & D <u>very close</u> .
STF 2428	6:58 PM	171x – Saw A (orange), B.
STF 2120	7:00 PM	171x – Saw A, B, C.
STF 2590	7:02 PM	171x – Saw A (yellow), B, C, D.
STF 2449	7:03 PM	171x –
STF 2232	7:05 PM	171x –

Seeing and transparency good.

STF 2194	7:06 PM	171x – Saw A (red), B, C, D.
STF 2644	7:09 PM	171x – Saw A & B very close together.
STF 2259	7:10 PM	171x – Saw A (red), B.
H I 93	7:12 PM	171x – Saw A & B (yellow). Glow elongated.

STF 2024	7:14 PM	171x – Saw A (red), B.
STF 2372	7:16 PM	171x – Saw A, B, C.
STF 2446	7:17 PM	171x – Saw A (yellow), B, C.
S 735	7:18 PM	171x –
STF 2637	7:20 PM	171x – Saw A (yellow), B, C (yellow), D.
S 749	7:22 PM	171x – Saw A, B, C, D.
H V 103	7:24 PM	171x – Saw A (white), B.
STF 2393	7:25 PM	171x – Saw A (red), B.
STF 2429	7:27 PM	171x – Saw A (yellow) & B very close together.
STF 2567	7:28 PM	171x –
HR 7671	7:30 PM	171x – Saw A (orange). Single star.
STF 2622	7:31 PM	171x – Saw A, B, C.
STT 397	7:33 PM	171x – Saw A, B. Both reddish.
STF 2570	7:35 PM	171x – Saw A (orange) & B <u>very close</u> together.
STF 2532	7:38 PM	171x – Saw A (orange), B, C, D.
STF 2545	7:42 PM	171x – Saw A (red), B, C.
STF 2487	7:44 PM	171x – Saw A (yellow), B (red), C.
STF 2015	7:46 PM	171x – Saw A (orange). B not seen.
DE Her	7:48 PM	171x – A yellow star.
EP Sge	7:50 PM	171x – An <u>extremely faint</u> star.
STF 262	7:54 PM	171x – Saw A, B, D.
STF 279	7:56 PM	171x – Saw A (red), B & C <u>very faint</u> .
STFA 5	7:57 PM	171x –

STF 288 7:59 PM 171x – Saw A (orange), B.

STF 285 8:04 PM 171x – Saw A & B, both orange and almost touching they are so close together.

STF 278 8:06 PM 171x – Maybe double is elongated.

STF 292 8:07 PM 171x –

42 degrees. Seeing and Transparency good. When chasing doubles low in the west, the seeing was OK.

STF 300 8:14 PM 171x – Saw A & B very close together.

STF 311 8:16 PM 171x – Saw A (cream), B (cream), C, D.

STT 47 8:17 PM 171x – Saw A (orange), B & C (very faint).

STF 307 8:20 PM 171x – Saw A (orange), B, C & D (very faint & very close).

STF 314 8:22 PM 171x – Saw A & B extremely close together, but split-able.

BU 524/STF 318 8:23 PM 171x – Saw A (yellow), B (double, very close), C.

STF 331 8:24 PM 171x – Saw A (white), B.

H V 117 8:26 PM 171x – Saw A (reddish), B.

STF 376 8:27 PM 171x –

STF 379 8:28 PM 171x –

STF 394 8:30 PM 171x – Saw A (orange), B, C.

STF 403 8:32 PM 171x – Saw A & B very close together.

STF 399 8:39 PM 171x – Saw A (orange), B, C.

AG 68 8:40 PM 171x –

STF 412 8:41 PM 171x – Saw A (white), C.

STF 414 8:43 PM 171x –

STF 422 8:45 PM 171x – Saw A (orange) & B very close together.

STF 425	8:46 PM	171x – Saw A & B extremely close together.
STF 435	8:48 PM	171x – Saw A (yellow), B.
STF 452	8:49 PM	171x – Saw A (cream), B.
SHJ 40	8:50 PM	171x – Saw A (orange), B.
HD 276247	8:52 PM	171x – Just a star.
STF 546	8:53 PM	171x – Saw A (yellow), B.
STF 545	8:54 PM	171x – Saw A (white), B.
STF 549	8:57 PM	171x – Saw A (red), B.
STF 563	8:58 PM	171x – Saw A (orange), B.
STF 583	9:01 PM	171x – Saw A & B (very close), C.
STF 616	9:03 PM	171x – Saw A (bright blue white) & B (very close).
H V 114	9:04 PM	171x – Saw A, B, C.
STF 644	9:05 PM	171x – Saw A (bright orange) & B (extremely faint), C (extremely faint).
STF 645	9:07 PM	171x – Saw A (yellow), B.
S 478	9:09 PM	171x – Saw A (cream), B (reddish).
HJ 365	9:10 PM	171x – Saw A (yellow), B, C, D, last 3 extremely faint.

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