

Sunday November 10, 2024

Arrived at LT) to use the 18" tonight. There were some streaming clouds to the NW. Calm. Clear overhead.

Venus was a half gibbous phase.

49 degrees. Seeing and Transparency OK.

38mm is 171x. 22mm is 295x.

HIP 102183 5:29 PM 38mm – A is a single, yellow star.
BU 152

SAO 33078 5:36 PM 22mm – A brighter than B. Very close. Both white stars. Easy to split.
STF 2751

A 733 5:39 PM 22mm – A dim, yellow star.

HIP 104533 5:43 PM 22mm – Both very dim and same magnitude. Very close. Both white.
STF 2767

HIP 104748 5:47 PM 22mm – A brighter and orange. B very faint. Very close.
BU 681

SAO 19143 5:50 PM 22mm – A is a single, dim, yellow or light orange star.
BU 472

22mm eyepiece not focusing well. Too much magnification for the sky tonight. But I need it to split these close doubles.

Riddle 6 5:55 PM 22mm – A brighter and 2 dimmer stars of this open cluster seen.
STF 2780 To left of Riddle 6 is a single, bright yellow star.

A 756 5:58 PM 22mm – A single, dim, white to yellow star.

SAO 33251 6:00 PM 22mm – A dim, single light orange star.
STF 2783

HIP 103758 6:03 PM 22mm – A very dim, single yellow star.
HU 959

Clouds in this area. Will move from CEP to PEG.

HIP 105882 STF 2797	6:07 PM	38mm – A dim, white star. B is very close and <u>very faint</u> .
HIP 106519 STF 3112	6:11 PM	38mm – A dim, orangish. B <u>very faint</u> and very close.
HIP 106582 BU 74	6:13 PM	38mm – A single, brighter light orange star.
SAO 126936 STT 443	6:16 PM	38mm – Two very dim, close, equal magnitude, maybe orange stars.
3 Peg STFA 56	6:18 PM	38mm – A brighter, white star. B bit away, very faint, maybe yellow.
Sky hazy with thin clouds. 47 degrees.		
HIP 106903 STT 444	6:26 PM	22mm – A dim, orangish. B <u>extremely faint</u> . Close.
30 Peg HJ 962	6:29 PM	22mm – A brighter, yellow. B <u>extremely faint</u> . Close.
HIP 113802 STF 2973	6:31 PM	22mm – A brighter, white. B <u>very faint</u> . Close.
HIP 114214 STF 2979	6:33 PM	22mm – A dim yellow to orangish. B very faint. Very close.
HIP 114420 STF 2987	6:35 PM	22mm – A brighter, yellow. B very faint. Close.
8 And BU 717	6:39 PM	38mm – A bright, orange. B <u>extremely faint</u> . Very close. D next closest to these two. Very faint. C is away, bit brighter than D.
HIP 115114 STT 493	6:44 PM	22mm – A dim, yellow. Maybe see B, <u>extremely faint</u> , <u>very close</u> .

SAO 52882 6:47 PM 22mm – A very dim. Off white color. B very faint, very close.
A 202

HR 8770 6:51 PM 22mm – A dim, white. B to upper left and very faint. C to right of B
STT 485 and away. Same magnitude as B.

Sky better in CAS. Seeing and Transparency OK.

HIP 114406 6:55 PM 22mm – A brighter, orange. B very faint and very close to A. C
STT 490 above these two and away. Dimmer than A and white.

34 Cep 6:58 PM 22mm – A yellow. Brighter. B dim, close and yellowish also.
STF 3001

BU 229 7:03 PM 22mm – A brighter, orange. B very faint and very close.

ES 220 7:06 PM 22mm – A dim, light orange. B and C a bit away. B & C are very
close and very faint.

HIP 115268 7:09 PM 22mm – A dim. B half as bright. Very close. Both whitish.
STT 494

HIP 115550 7:12 PM 22mm – A dim, orange. B is a bit away, bit dimmer and orange. C is
HO 200 very close to B. Extremely faint. All 3 stars are in a line.

BU 719 7:15 PM 22mm – A very dim, orangish. C away, bit dimmer than A and
orangish.

BU 386 7:18 PM 22mm – A dim, yellowish. B very close and very faint. C away to
left and extremely faint.

HIP 115810 7:22 PM 22mm – A dim, orange. B is very close and very faint. C away and
STF 3017 to upper left. It is faint and white.

SAO 108618 7:26 PM 38mm – A dim, reddish. C away to left, faint and has a hint of an
STF 3012 orange color.

HIP 115800 7:29 PM 22mm – A reddish, C brighter than D a bit. A dim. B faintest of all.
STF 3012 B very faint and very close to A. C & D are very close. C & D away
and to left of A & B.

A diagram showing four stars labeled A, B, C, and D. Star A is at the bottom center, B is at the top right, C is at the top left, and D is at the bottom left. The stars are represented by small dots of varying sizes and positions relative to each other.

SAO 20640 7:33 PM 22mm – A dim, orange. B extremely faint and very close.
BU 1148

STT 498 7:36 PM 22mm – A dim, yellow. B much fainter and close.

HIP 116065 7:39 PM 22mm – A dim, yellow. Didn't see B.
STF 3020

Seeing and Transparency OK to Good.

HIP 116055 7:41 PM 22mm – A dim and reddish.
STT 497

SAO 73306 7:44 PM 22mm – A brighter, yellow. B to left and closer and faint. D to right
BU 1266 of A and extremely faint and very close to A.

ES 1929 7:56 PM 22mm – A bit brighter than B. Both very faint and very close. Easy
to see both.

HIP 116180 7:58 PM 22mm – AB is an elongated star. Yellow. Couldn't see 2 stars.
STF 3023

HD 221625 8:01 PM 22mm – A dim, orange. B to right and near. Very faint.
STT 499

HIP 117673 8:07 PM 22mm – A B both same magnitude and yellow. Very close.
STF 3042

The forecast for tonight showed clear all night, yet thin clouds kept me from seeing the fainter
members of stars.

Packed it in at 8:20 PM. 47 degrees.