

Fri.
9/23/16 Okie Tex 1st Night here

9:26 CDT Say SW in M101 Again. It is bright Brightest
Star in FOV. To Right of M101 Core.

10:22 4 Cys . 2 BW stars. or. is much brighter
than l.h. Bit of separation btw them.
Sky soft. Seemg ok. Warm. Something moving in from N

Jupiter see 2 red Belts

①

11:21 79 Cys 2 off white stars. Stands out in FOV
of 20x80. Lower R bit brighter than upper left.

Sky soft. Clouds drifting in from N. Calling it
a night.

9/24/11

9:13P Sky Partially overcast & hazy elsewhere
72° light wind from N.

11:52 56° Clear enough overhead to observe a bit

N 51, 48, 49 11:56P

15 51 & 49 are an elongated, tiny halo glow. Maybe 2 tiny core seen
an glow. to Right a hint of a glow of 48

12:04 N80 15 a small round dim glow w/rel brighter core
area seen.

12:24



N383 is a ^{very} dim tiny round glow w/hint of have
Brighter core.

Above & bit to left is N374. A very dim linear
unif. lit glow.

Above & 2 right is elongated glow of N394 & 392. Both
have rel. brighter star like cores.

2 left is N397, a extremely dim smudge of light

Above these & 2 right is very dim ^{unif} lit glow of U372

All in 15mm FOV and very near each other

12:38 N507 A very dim, oval glow w/ brighter core seen w/AV.

Seeing OK Transp OK-Good.

12:50 N973 Above & near a brighter #5 is this very faint smudge
of light. Small. w/AV feel it has a core area.

12:01 15mm

1066

1067

1067 is a hint of a smudge of light to right

of 1066. An obvious round, unif lit glow

Below is an elongated halo glow of 1061 & 1062

w/ larger, rel. brighter core. then below & to

right is this extremely dim smudge of light

Nice.

1061/2

1057

X Cet 1:38 2 BW stars. Much brighter one on l.l. Near is a much fainter companion

37 Cet 2 BW stars. Bottom is very bright. Above and bit to left is an extremely faint companion very near.

57 Per 1:46 2 BW stars very near each other & almost same. Mag. Can feel left star a bit brighter

B Cam 150 A Bright BW star & very near and above & 2 light is this very faint, yet easy to see companion

11, 12 Cam 2 BW stars, very near w/ right star brighter than left star

35 Aur 1:55 way out. A bright BW star. To left & very near is this tiny speck of a star. Easy to see w/ direct vision.

Theta Tau 2 equally bright BW stars

211 2 BW stars upper left much brighter than lower right. A bit apart from each other.

62 Tau 216 A dimmer star is below and very near to a much dimmer companion

4 Tau
2119 • A brighter star is below and bit to left
of an extremely faint star, easy to see w/
direct vision.

7 Tau
2121 • Another pair w/ much brighter primary & to right & up
& very near is this dim companion, yet easy to
see w/AV

51 Tau
Tau • 2 equally bright BW stars a bit apart w/
upper left here brighter.

88 Tau
2127 • A brighter BW star & above & 2 right & very near
is a very dim, yet easy to see companion.

62 Tau
2131 • A dimmer primary, w/AV see faint companion, near
& 2 lower right

50 Tau
2134 • A very bright BW star & very near & above left is this
faint, easy to see w/ direct vision star.

72 Tau
2138 • A brighter star on left & a bit away on lower right
is a hard dimmer star.

02 Dn
2140 • A set of bright BW stars w/ upper one brighter

Seeing Trans. Fair

59° Cool light wind from S 11:23 P

B34 2145 A larger area, boxy, void of Bright Stars. See a few very faint stars in void.
20x80 Op 3.

B22 2153 A large area void of But a couple of faint stars. Op 3

Fishes Mouth

2157 A long dark void that hooks into M42 & heads towards 32mm trapezium. Op 5.

Clouds coming in from N. Sky Fair.

3:03 52° Going to take a shower then bed.

Despite marginal skies, had a fun night

9/25/11

@Sunset

Some clouds @ horizon Clear overhead Brisk wind from S.

12:12 AM wind died down alot but still slight breeze from S with strong wind gusts. dark, PIC everywhere. 65°

21/22 Tau

2 evenly bright, dimmer BW stars

Nice chain of stars Brightest at Bottom, Next brightest above it & top 2 are dimmer & of equal brightness

1:46 AM. Wind gone. Perfectly Calm Mostly Cloudy w/ Broken areas. 61°

32 Cam

2:24

2 very close, yet easy 2 split BW stars w/ Bottom star noticeably brighter than upper

Brighter is off white in color. Companion is a bit away & much fainter

54m
2:31

A 3 star system. 1st pair very close yet splittable, comp ~~bit~~ dimmer than primary, then a bit away is a fainter star. Close pair BW in color as is & 2 left 3rd. Close dim star approx same ^{7.6} mag as star a bit away to left.

194m
2:42

54° Cool light wind from S.

Sky Fair Transp Fair

7331 3100 nice long elongated oval w/ larger central core.

7337 a linear smudge of light. 7335 is a small oval w/ noticeable brighter core area. 7340 is a dim smudge of light w/AV can see a hint of the glow of 7336

γ Gem 3107 • A brighter BW star and a bit away to u.l. is its much dimmer companion

64/5 Gem 3112 • 2 equally bright BW stars a long way apart.

2 Gem 3115 • A much brighter BW star is below and to right of a much dimmer companion.

20 Gem 3117 • 2 BW stars very close together yet splittable. Left star have brighter than right

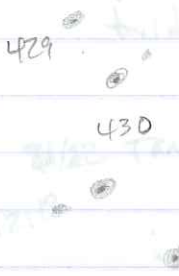
γ Lep 3120 • A much brighter BW star is l.l. of a much dimmer companion a bit away.

Flame Nebula Dark Void Bisectiong the flame nebula is this darker area. Can see tentacles coming off right side into nebula Op. 4 or 5.
N 2024
3:38A
32mm

M42 incredible.

M43

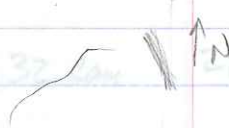
M1 M63



4:18 430 has bright starlike core w/ circle of close halo glow. 429 similar but smaller. 426 has brighter core & tiny bit of halo & it looks like ~~star~~ star is just a tiny smudge of light seen w/AV

B37 4:25A A kidney bean shaped area w/ many stars in this area. Bounded by a star rich area of winter milky way. Lots of stars outside area. OP 3.

N522 4:30 A long slender edge on, unifr. lit. seen w/AV P.A. 150°



H16



122x 20" f/4.5

4:45

U711 4:58 An extremely faint linear sliver of light. Seen w/AV & FOV movement PA 30°

15mm

1421 Sill An extremely faint, longer slender sliver of light. Barely there. PA 150°
490 Seeing OK Transp Good Brighter stars twinkling just a bit.

MGC-2-10-9

5777 Sill An extremely faint sliver of light. Barely there PA 120°
5131A PA 120° Nestled btw 2 equally bright FS

↑ Cam
5145 : The brighter star is off white & very near & above left is a dim BW star

1/ CPA
5:48 • A bright BW star and a bit away & right is a dimmer BW star.

h3945 CPA
5:53 • Right is brighter & more off color & left star is very near a BW in star

knf4
6:00 : 2 equally bright BW stars a bit apart

9/26/11

8:30P totally overcast w/ threat of rain. will check after midnight for clearing skies.

4:08A Clear Seeing OK, Brisk Breeze from W.

19 Jaw
4:12 • This one was hard. The very faint companion is so near the bright primary that it is almost lost in its glare. Used chair to steady myself to stare at it & see it see it about 8:00 o'clock to primary

Junior notebook. See darker red spot & features in white. It shows lots of detail but just a hair too much power for 50x

14 Chi
4:27

A dimmer set of stars, companion very low
& a bit away to left of Brighter Primary

The Zebiracal Light yesterday & this morning is so bright,
It looks like a light dome of a city. A shape extends
up to @ 45° in the sky. Never can say I've seen it
so bright & obvious

5:12

Δ47
5:29
A brighter star & above & to left & near it
is a much fainter companion.

Comet 45P/2011

5:41 P

60

Horizon

Bright star-like core surrounded by
a bit of easy to see coma
very low along eastern horizon

sf wagon trail

@ Boise City
RV Park e Wilsons Cimmaron

Tuesday 9/27/11

Clear & Calm @ sunset 63° . Clouds hugging horizon

Bought 26mm ep for \$20 @ swap meet.

9:24 Clouds/fog here & there waiting

Seeing Fair Transp ok

5777 9:41 15 A longer edge in glow w/ tiny star like core. to left
is a faint FS at same mag as core. Faint, yet easy to see
PA. 10 o'clock.

5965 9:42 15 A linear edge on. longer. dim. have brighter core.
to upper right is a dim, round, unif lit glow. Maybe
hint of tiny star like core a bit off center in glow
Right next to brighter FS.

Then a bit over 1 FOV below & to right of these
two is a small, extremely faint smudge of light
of 5971.

5965 has PA of 1 o'clock or 30°

UGC 11455 10:13 15mm w/ Gel Filter

A flat, thin smudge of light $\approx 1/2$ way across FOV. PA 90°

7135 15 7130 is a small round very dim glow, unif. lit.

then above & 2 left ≈ 1 FOV away is an oval glow of

10:40 7130 7135. Has bit of base brighter core.

UGC 12423 15mm 11:16 An extremely faint, roundish smudge of light, w/ GF
can see it a base better.

UGC 260 11:24 15mm/ GF A long slender unif lit extremely faint glow.
PA 120° 10 o'clock Its long in 15mm FOV

12:08A Sky Fair Transp Fair. Clouds/fog comes & goes all over
place 57°

Jupiter incredible. See darker red spot & feature to right of
it. 6mm showed lots of detail but just a hair
too much power for sky.

N100 12:28 A slender, linear, extremely faint sliver of light. $\frac{1}{2}$ FOV long. PA 90°

M-2-3-16 12:36 15mm A nice, slender edge on w/ have brighter core. PA 30°

UGC 1999 12:40 15mm A ghostly ^{lm} linear glow. Barely there. PA 20°

PGC 3133 12:46 A longer, extremely faint ghostly linear glow w/ 3-5 brighter FS on glow PA 75° .

Sky OK Transp Good 56°

U1281 12:57 An oval-circular extremely faint, ghostly smudge of light.

I1815 1:03 N973 is a unit. lit. small, linear glow. PA 30° . To right of brighter FS. Above FS is I1815, a nice round glow w/ hint of have brighter core.

U2082 1:41 A ghostly ^{long, fat} linear glow. PA 165°

Veil 1:57 Chased east, center & western sides of Veil nebula nice. While in neighborhood, looked @ Alberto

U2441 2:05 An extremely faint ghostly small linear smudge of light. PA 85°

2:13 WLM Dwarf Gal 80x 20" f/5 A long linear faint glow w/ core area have brighter, goes from 10-40 clock & stretches clear across for

P2526 A longer, linear unit of ^{faint} glow. Easy to see. PA 90° There are 2 very faint FS on glow.

N10 2:25 a very faint, circular smudge of light

N45 2:28 an extremely faint oval of light. Barely there.

N1247 2:38 An edge on w/ noticeable central bulge. Unit lit. PA 85°

N7331 2:53 Nice. Elongated oval w/ bright core

Stephan's Quintet - 4 Faint Glows seen all near each other

3:20 7274
 7273 - is to far left. A dim, tiny smudge of light w/ noticeably brighter core. to right is a bigger smudge of light
 7276
 same mag as 7273 & it too has noticeable core to right & above a faint PS, is this very tiny unit lit smudge of light

7449
 3:49 7449 7445
 7449 is a tiny, round halo glow w/ very faint star like core in center. Below & to right ^{& bit away} is 7445, a similar gal ~~is~~ tiny round halo w/ very faint star like core in center. Then Below ^{& near} 7445 is this tiny smudge of light. All 3 very close together in FOV

4:11 7270 7271
 7270 is a small round very dim glow w/ star like core seen. Above it is 7271, a much smaller glow w/ star like core, like oof star.
 4:16 7433
 A faint oval, pretty unit lit w/ maybe a hint of a core in center of halo glow

M42 is awesome in my new 26mm eyepiece
 55° Sky Govt

Wed 9/28/11

Sky Clear Seeing Good Transp Good light breeze from SW ^{70°}

NG 6925 9:52 A nice, brighter tilted oval longer halo bright w/ larger ^{brighter} core area in center of glow. PA 10 o'clock

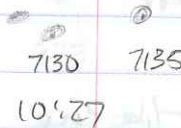
NG 6923 A very dim, irregular to roundish shaped halo glow w/ tiny faint star like core

10:03 Then above & to left is this very faint oval glow of P64895. unit lit but easy to see.

P64895

NG 6947 10:10 A ~~very~~ faint circular unit lit smudge of light

IS 131

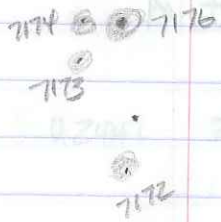


A 3 are extremely faint circular smudges of light w/ have brighter ^{tiny} core in center seen w/AV

A 3 in FOV & very near each other

7135 to right, 7130 in ^{below} center & IS 131 to left

1490



4 Gal in FOV 7176 is largest & brighter. A round halo glow w/ brighter tiny core. Then to left and very near is 7174, a smaller ^{circular} halo glow w/ tiny brighter core in center of glow then below is a fainter ^{circular} halo glow w/ tiny brighter core then way below these 3 is an oval extremely faint unit lit smudge of light

7221 10:48 An extremely faint oval glow. w/AV can see what looks like a larger linear core on halo glow

7225 10:55 A very faint oval. w/AV can see a large brighter core. has a very bright FS that you have to put out of top left of FOV to see this guy.

7167 11:06 An extremely faint glow to left & very close to a very faint FS.

P68324

is a tiny cigar shaped, very faint unit lit glow



P6 8379 is to right & is a small circular very faint unit lit glow Both in FOV & split by a brighter FS

11:16

N 7306 11:24 is a very faint linear, thin unit lit smudge of light.
to left is 69155, a ^{tiny} round unit lit glow.
near. A faint FS below & to left of 7306

N7361 11:36 A very faint, larger, thin, linear ~~and~~ unit lit halo glow
7513 11:41 very near ^{two} a brighter FS & below is this tiny oval
unit lit glow.

7507 11:41 A small round glow, easy to see that has a larger
brighter core surrounded by a tiny bit of halo.

P72228 12:11 A very faint linear smudge of light
Seeing Good Transp Good 53°

N254 12:56 A tilted faint oval w/ larger halo brighter core surrounded
by bit of faint halo.

N289 12:59 A larger oval glow. Unit lit. has a very faint FS below
& near halo glow.

N148 1:06 A small ^{very faint} linear glow. w/AV see something like an extended
core on very faint glow.

N 418 1:12 A small round glow w/ halo brighter core.

N 150 1:21 A larger tilted oval. Easy to see. Unit lit. has maybe a
faint FS Below center on halo glow.

IC1556 1:30 Next to this brighter FS is this very dim smudge of light.
1558 Transp Seeing is Poor in South

2:56A Sky is weird. Stars in FOV are fat. Can't find galaxies
any more. Temp was 52° a bit ago & now is 55°

9/29/11

Clear @ sunset Light, gusty breeze from NE.

All day was windy & Gusty

Seeing Good Transp Good 60°

15mm

P64488 A tiny, very faint round glow w/ tiny central star. Gal nestled

9130 btw 2 close, very faint FS. Very low above horizon.

IC5179 10:10 very low above horizon. A linear oval faint glow w/ hint

of a larger core to right & near a very faint FS

N7313 10:29 A nice elongated, easy to see tilted oval dim unit lit.

N45 11:18 A small round unit lit smudge of light

N7755 12:43 A small roundish unit lit smudge of light.

P5362 12:56 A tiny extremely faint ghostly glow in an oval shape
seen once in a while w/AV.

P8223 11:03 An extremely faint, small roundish smudge of light
seen w/AV.

Sky OK Transp OK light breeze from E. 49°

P9273 1:13 A larger, circular, very faint glow

w/AV see a larger core area centered

on glow. Nestled just below 3 Δ FS w/ lower
one on halo glow

N922 1:18 A very faint tilted oval glow w/ halo brighter,

larger core seen on halo glow.

N897 1:31 An extremely faint ghostly slender sliver of light.

Looked @ Jupiter & GRS was in upper arc band.

M73, M31, 110, 32, 57, 42 all nice.

2:08 48° sky P/C. Packing it in. Can't find Gal

in Fornax anymore

9/30/11

130x 18" f/4.5

N380



11:00 P

Bob's Scope

N380 was a small circular glow, easy to see w/ tiny eye. Below a 2 left is a smaller circular, dimmer w/ central one

The 2 Below this a 2 to right of 380 are the same brightness a size. A small circular glow, smaller than 380 w/ halo glow a tiny eye. The off to right a bit away is this one if lit smudge of light

First 6 very near each other a 7th was further away.

N55 11:53 100x

16" f/4.5

Mike's scope

A long slender cigar shaped, very lit glow that extends clear across eyepiece PA 90°

Sky similar tonight to rest of week. started out good by drun stuff not seen.

Walked around a look thro other people's scopes. Saw lots of favorites a comet observed in a 25"