

1/6/2011 LTO in Berthoud, CO. Cloudy skies at sunset then clear from 6:15-10:30P.

6:15 Saw M15, Jupiter & Uranus - small round greenish disk.

98 ST And 6:23

off white colored star. Brightest in FOV.

97 RU Aquarii

6:30

Low in west
Seeing fair
Brighter, Faint Red color star

1 WZ Cass
6:35

Nice Bright Red star in star Rich field

Seeing OK

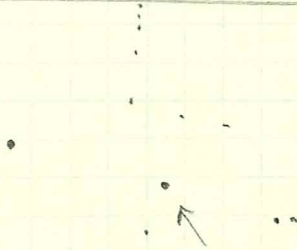
Rest BW stars
Sketches
Brightly stars

2 SU And
6185



Nice Bright Orange
star in a nice
asterism of stars
a bit fainter

4 VX And
6288



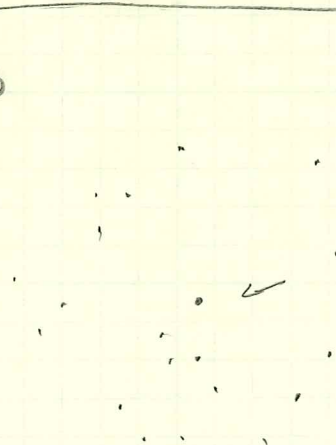
Nice Bright Orange
star in
semi star
Rich field

5 AQA And
6152



Nice Orange-Red
star. Brightest
in star pair
FOV

7 W Cass 6153



Light Orange-
off color w/
not BW stars
in FOV
Brightest star in
FOV But not by
Much

MTJ

UNIX cmds

~~UNIX commands~~

~~open xterm from oasis~~

~~sdstree~~

~~arch2~~

#3 SAD
6:58

Nice. Bright. off
white color star
in star poor FUV
Low in west where
seeing ~~poor~~ fair

6 NIS
7:02



Pale white
colored star.
Bright FS to
lower Right

8 z Pisc
7:05

Nice. Bright orange
red star in
star poor FUV.
All other stars
pretty faint

9 V Ari
7708

Dimmer, pale
orange star
in star pair
FOV.

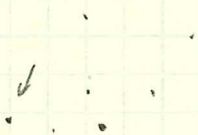
11 UY And
7111

Brighter, Pale white
star as compared
to BW stars
in FOV

2 V623
7114

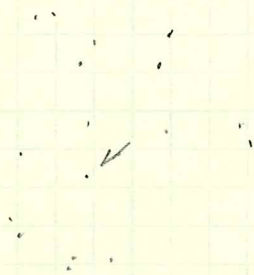
Dimmer, O-R
star in
star pair FOV

10 SAO
7:16



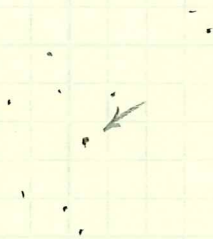
off white color
compared to other
stars in FOV
Star Poor FOV

13 V Per
7:25



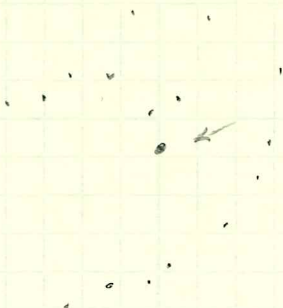
Fainter Reddish
star in faint star
star Rich FOV

14 V466
7:27



Fainter Red star
in star poor
FOV.
It's Brighter than
rest stars in FOV

15 V Cam
7:29



Nice. Brighter
Red colored
star.

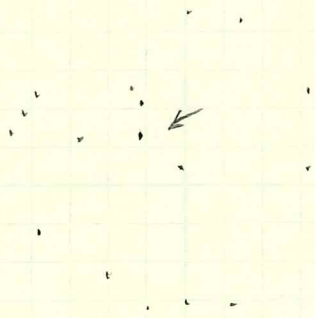
16 UV Cam
7:34

Brighter Pale
orange
colored star,



17 XX Cam
7:37

Brighter
~~off~~ white
colored star
as comp. BW
stars in FUV



18 ST
Cam
7:40

Bright. Red
colored
star



19 TT Tau
7:45

Brighter orange
star
in star pair
FOV



24
54 Eh
7:50

Dimmer orange
star.



20 R Lup
7:54

Bright
Deep Red
Colored star
in star
pair FOV



27 RT Ori
7:57

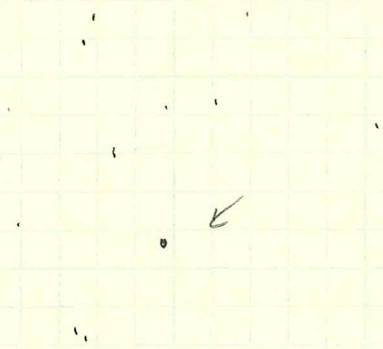
Brighter
Red star



Solving
Grid
Transp
Grid

22 W Ori
8:21

Nice Bright
Orange-Red
Star

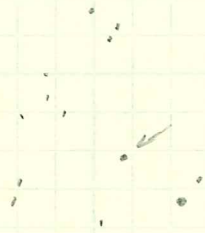


21 EL ~~Aur~~
8:25

dimmer
light orange
star



23 TX Aur
8:27



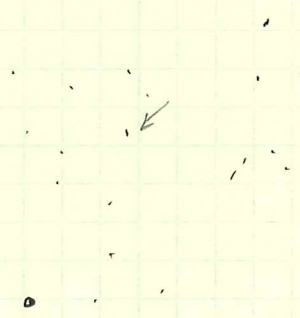
A ~~Fainter~~ dimmer orange star is star rich FOV
Drew Brighter stars
and Brightest Star in FOV

25 UV Aur
8:31



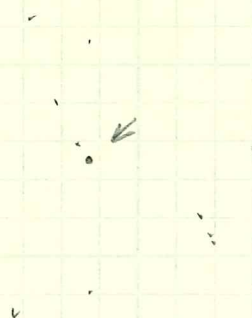
Dimmer orange star is star rich FOV.
Drew Brighter stars

~~26~~ 26 S Aur
8:35



Faint - hint of red color, noticeably diff color than BW stars in star rich FOV
Drew Brighter stars

28 S com
8:41



dim orange star in star poor FOV

29
TU Tau
8:47

dim orange
star



30
Y Tau
8:50

Nice. Bright
O-R star



31 FU Aur
8:53

dimmer
pale orange
star



32 TU Gem
8:58

Brighter orange
star in
Faint star
Star Rich
FW
Drew Brighter
stars @
TU Gem

33 FU Mon
9:08

dim orange
star in
star poor FV

34 V Aur
9:14

Very faint, off color
star - slightly
red in color
stands out from
Faint BW stars
in star poor FOV

35 BL Ori
9:21

Bright orange
star in
Star Rich FW
Drew Brighter
stars
BL Ori
Brightest
star in
FOV

37
VW Gem
9:27

Dim orange star
in Star Rich
FOV
Drew 'brighter'
Stars VW is
Brightest star
in FOV

36 UV Aur
9:31

Very Bright O-R
Star in
Star Rich Field
Drew Brighter
stars

38 Gal Mon
9:34

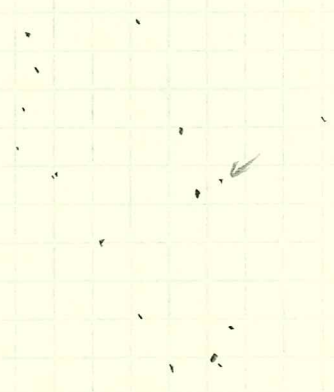
A dimmer, light
orange colored
star in
Star Rich Field
Drew Brighter stars.

39
RV Mon
9:37

Dim orange
star in Faint Star
Star Rich FOV
Drew Brighter stars
RV Mon ^{Much} Brighter
than any star
in FOV

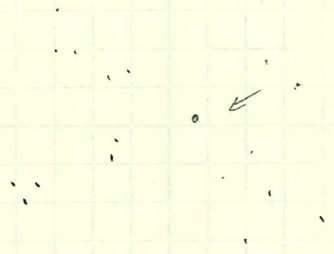
40
V614 Mon
9:42

^{pale}
Dim orange star
in star Rich Field
Have Brighter than
rest of stars in FOV



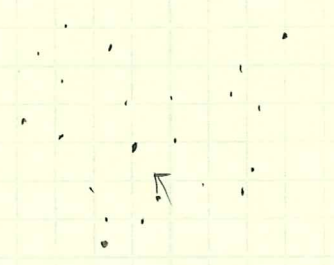
41 RY Mon
9:45

Dim pale orange
in star Rich Field
Drew Brighter stars
Have Brighter than all
others in FOV



42 WcMa
9:50

^{Nice}
Bright O-R star
in star Rich FOV



43 RCM
9:54

Faint pale
orange
star



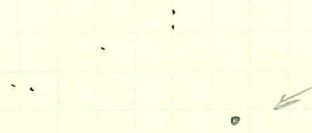
44
BM beam
9:57

Dim pale-orange
star



45 RU
Cam
10:00

Brighter off-white
colored star
in star poor FOV
clouds nearby



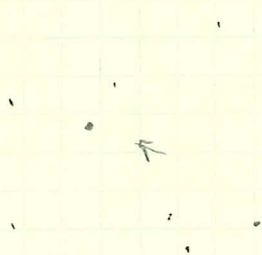
46 NG
beam
10:05

Nice Bright Yellow colored
star. 1st Yellow
star I have ever seen.



47 RU
PUP
10:08

Seeing Poor here.
dim, pale orange
star in star
poor FOV



48
X Chair
10:12

See in
Trans
Fair



Seeing is going
Bright Or-Red
Star in Star
poor PUV
see Hints of faint
stars But Drew
what I saw

49
T Chair
10:15



Dim, yet vivid Deep
Red color.
Only see 3 stars
in FOV

3/2/2011

LTO in Berthoud, CO. Partly cloudy & Hazy
Along horizon that slowly cleared as
night progressed.

♁
γ Hydra

• ✗

cloudy &
Hazy in
area

8:30P

3/2/11

A deep red, brighter star. Easy to see

♁
υ Hydra

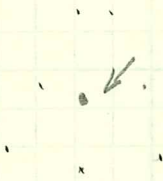
• !

8:33P

A brighter
deep red star

SZ
VY
UMA 8:36P

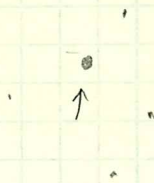
Clear Here



A bright,
~~very~~ red orange
star
A few
faint stars
@ it in FOV

S5
VCMN 9:06

brighter, very
colored
star

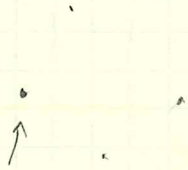


S6
RY Dra 9:16PM

A dimmer,
Red star



S4
SSVW
9:25P



A brighter, very red star

Low in SE.
Can see faint stars near it to left

Seeing fair

S3
9:42
V HWA



Very faint, Deep crimson ^{red} star. Nice.
Faint yet w/AV see deep red of this star
seeing fair low in South

5/31/11 LTO Sky has high haze @ sunset

SAO 157721

57

Seeing
trans. poor

An off colored star.
Definitely not BW.
Maybe a hint of Red
in color. Easy to see

9130P



9139
3C273

A dim star. ~~look~~

Matches star field
of Andromeda
exactly



M53 M3 M52 were Seeing ok in Ales of haze

V Cor Borealis

9150

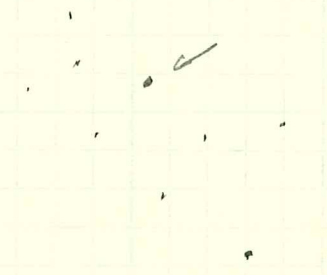
58

A dim, yet
red colored
star stands
out in the



59 RR Her
9:58

A brighter
orange color
Star in nice
Asterism of other
BW stars
Brightest star
in this
drawing

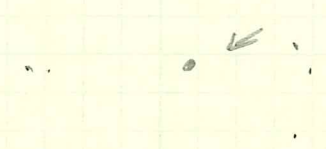


M13 M92 nice

10:03 ~~4565~~
#61 SAO 46574

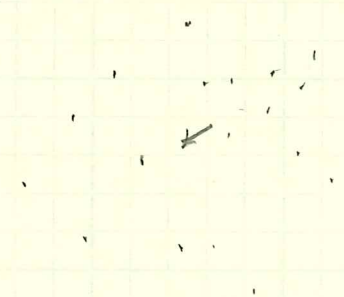
Seeing Poor ...
Again

An off colored
pale white or yellow
colored star.
Very bright as
compared to other
stars in FOV.



#61 FOV
67 T Lyr
10:58

Nice Bright
deep red star.
Seeing OK now
Very nice.



66 AC Her
11:07

Very dim, off white
colored str.



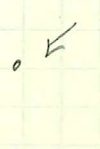
60 V Oph
11:12

A light
A orangish color
Str. Fairly bright
& easy to see
color of str.



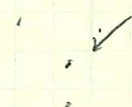
62 TW Oph
11:15

A Bright reddish
colored str. Very easy
to see color. In
star poor field



63 S2 Sag
11:18

A very faint, yet
easy to see red
colored str.



65 FO Ser

11:22



A very dim, off white colored star (def not BW) it's brighter than other very faint stars in FOV

64 T Dra
11:28

162x



A red colored star very near a BW star. Had to use 162x to see this. Barely saw the doublet @ 80x

Drew stars immediately @ 162x.

Skyl & Seiny
600
68 HK Lyr
11:34



A nice deep orange bright star. Drew brighter star w/ lots of very faint stars in FOV

69 S Sauti
11:43



A nice, bright orange star

70 VV Aql

11:41



A deep red, dimmer star. Faint satellite just went right over it traveling 12:30-6:00. It's the brightest star in FOV.

71 V Aql

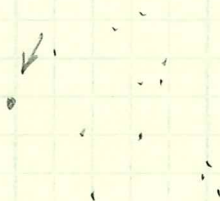
11:45



A nice, bright deep orange star ^{much} brighter than rest of stars in FOV. Lots of other real faint stars in FOV I didn't draw.

72 V1942 Sag

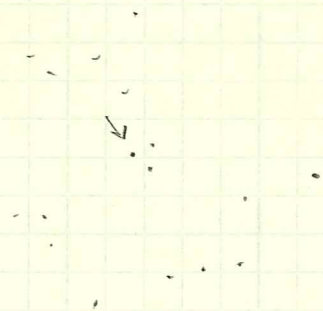
11:49



A bright, light orange star.

73 U Cr

11:52



A fainter, orange-red colored star at apex of equilateral Δ . A ^{very dim} satellite moved slowly across lower left of FOV. All stars fairly faint in FOV.

74
UX Dra
11:56



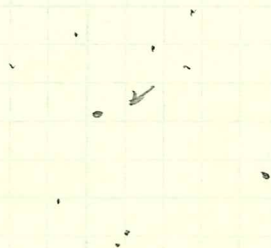
A very bright
yellow colored
star.

75 NSV 11960
11:59



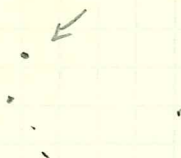
A brighter pale white
or light yellow color
star. ^{bluer} Brightest
star in FOV

76
RW Cyg
12:03



A dimmer light ^{very} orange star in star
rich FOV. easy to
spot it though
Drew brighter stars
only

77 AQ Sag
12:07



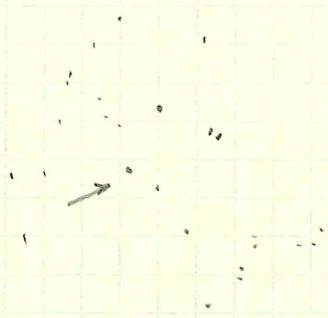
A light orange
star. Relatively
brighter than other
2 bright stars

78 TT Cyg
12:10



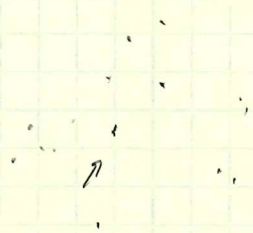
A bright, light orange star in a very star rich field. Drew brighter stars yet lots of fainter ones all over the

Seeing board 79 AX
transy Cyg
12:12



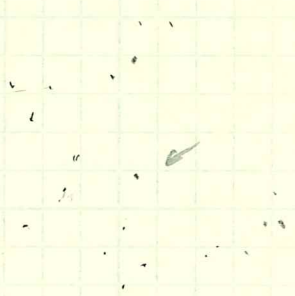
A dimmer light orange star in very star rich FOV

80 V 1469 Aql
12:16



A dimmer pale yellow or light orange (kind of red in color) in star rich FOV

81 BF Sag
12:23



A very dim, light orange star in star rich FOV

82
x Sgt
12:27



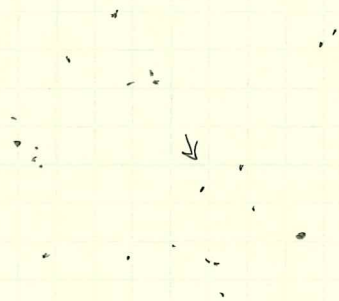
A dim pale white or
light yellow star
in star rich FOV

83 SV C48
12:29



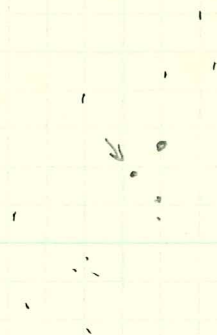
A dimmer yellow
or light orange (hint
of red see) star.
Many fainter stars
not drawn

84
RV C48
12:33



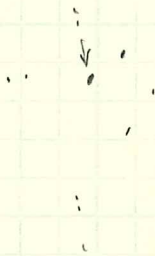
A very dim light
orange star in
^{very} star rich FOV

85 RS
C48
12:37



A brighter ^{pale yellow} light orange
star. Just enough red
in it to distinguish it
from other stars in
star rich FOV

87 U Cyg
12:40



A bright orange
star. Nice.
easy to see

Many more fainter stars
seen in FOV, but not
drawn

88 V Cyg
12:43



A nice, bright orange
star. Few more
fainter stars
seen but not
drawn

90 SAG 106516
12:46



A brighter pale
white or light
yellow star in
star rich FOV

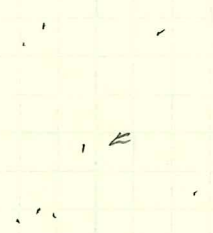
89 CY Cap
12:50

A dimmer, light orange
star in ^{very} star rich
FOV.



91 KSV
135U
12:54

A dim, off white
colored star. Don't
see any red at all.
Definitely NOT BW.
A few more faint stars
seen but not
drawn.



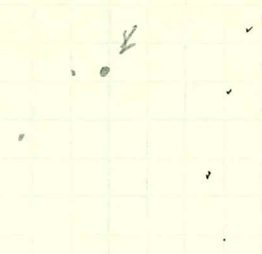
92 S Cap
12:57

A brighter, deep
red colored star
in star poor FOV
A few more fainter
stars seen but
not drawn



86 RT Cap
1:00

A nice bright
deep orange or red
star.

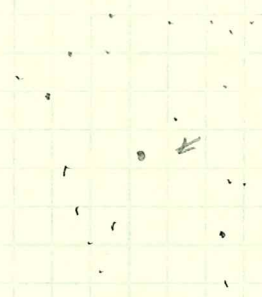


93 V460
Cyg
1:03



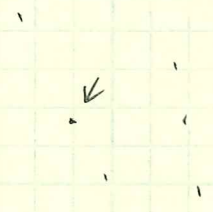
A very bright
orange star

94 RV Cyg
1:05



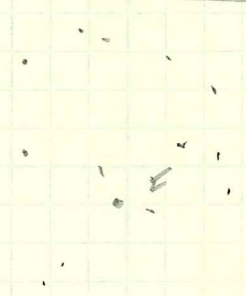
A nice, bright
orange star.

95 RX Peg
1:07



A dim yellow
or light orange
(hint of red) star

96 RZ Peg
1:10



A brighter
yellow star.
in star rich FOV
A few more
faint stars
seen in FOV
but not
drawn