

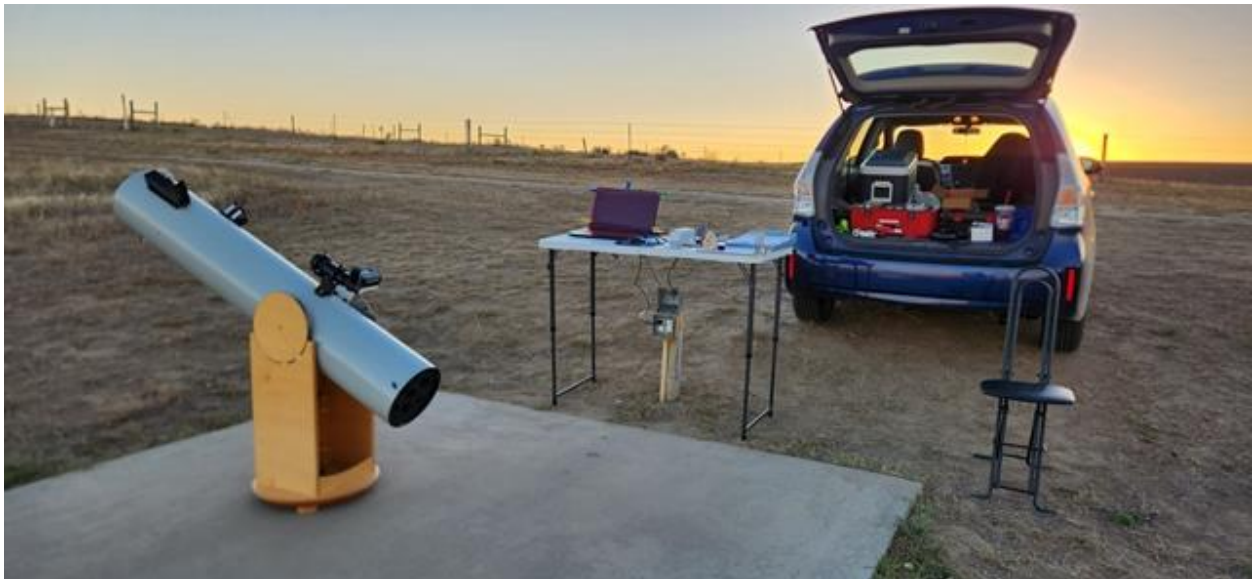
## Mike Hotka's Solar Neighborhood Unaided Eye Observations

I observed 10 Solar Neighborhood stars at the Denver Astronomy Club's Dark Sky Site near Deer trail, Colorado.

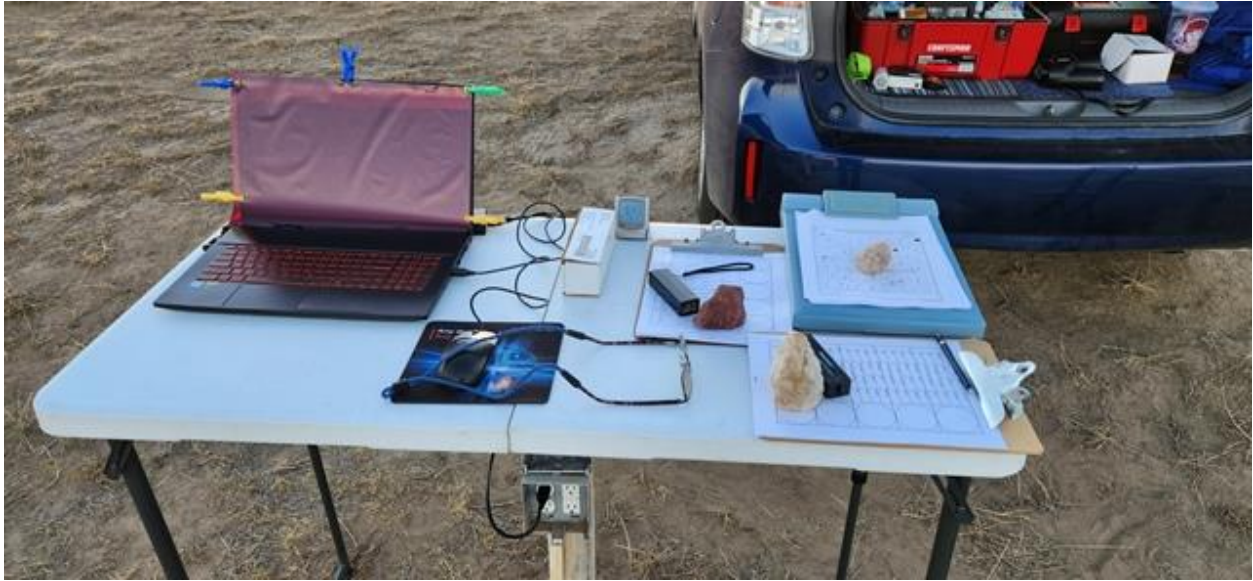
Long: West  $103^{\circ} 55.7'$

Lat:  $39^{\circ} 38.6'$

I setup just before sunset and made my observations throughout the night.



I used my 8" f/6 Newtonian for the Telescopic observations.



I used a different clipboard for each of the unaided eye, binocular and telescopic observations.

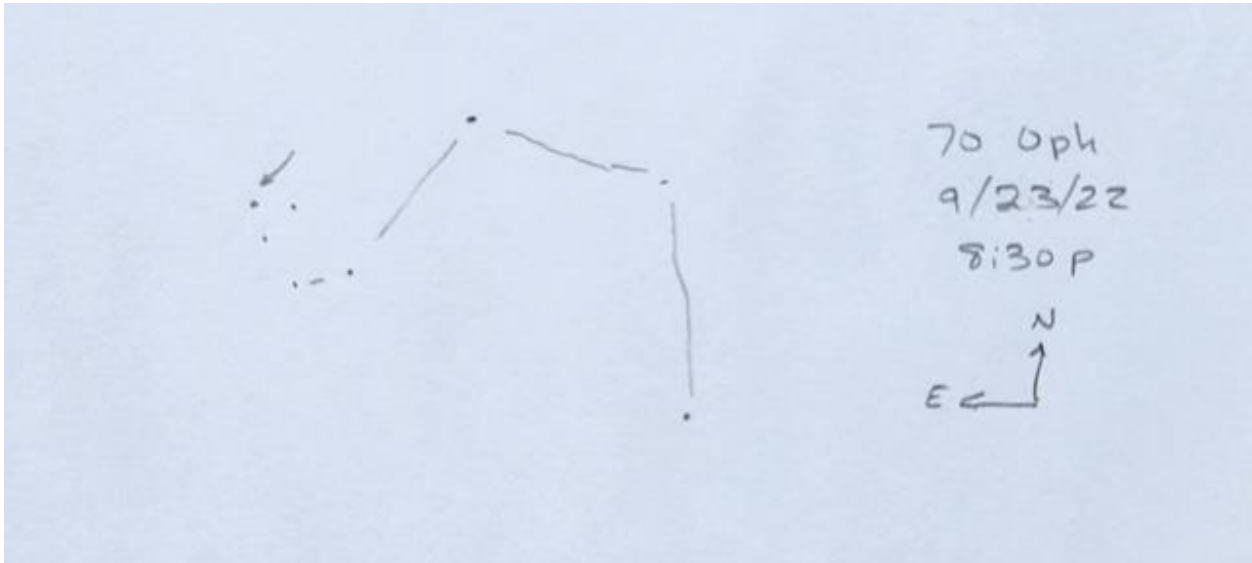


I worked out of the back of my car in case some dew showed up.

I am a member of the Longmont Astronomical Society. Please have my name read Michael A. Hotka on my certificate.

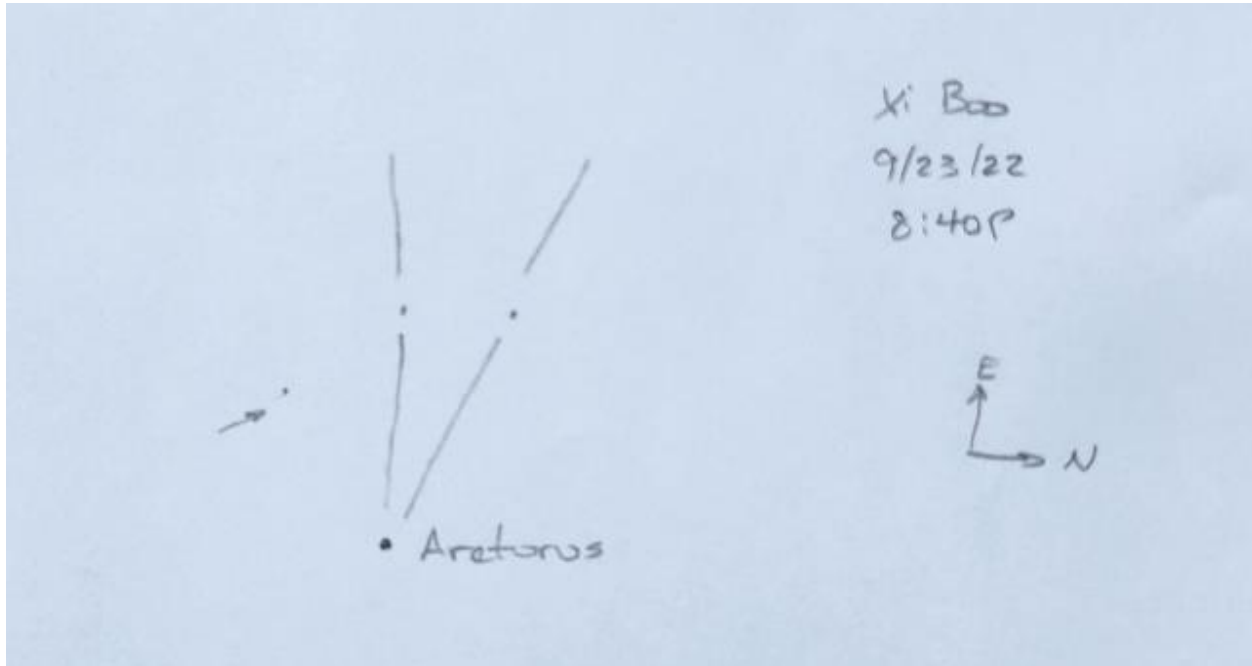
I am amazed that the stars I observed on this night are so closer to us. This is a very educational observing program you have created. Thank you for this new insight into these stars.

## 70 Oph Observation



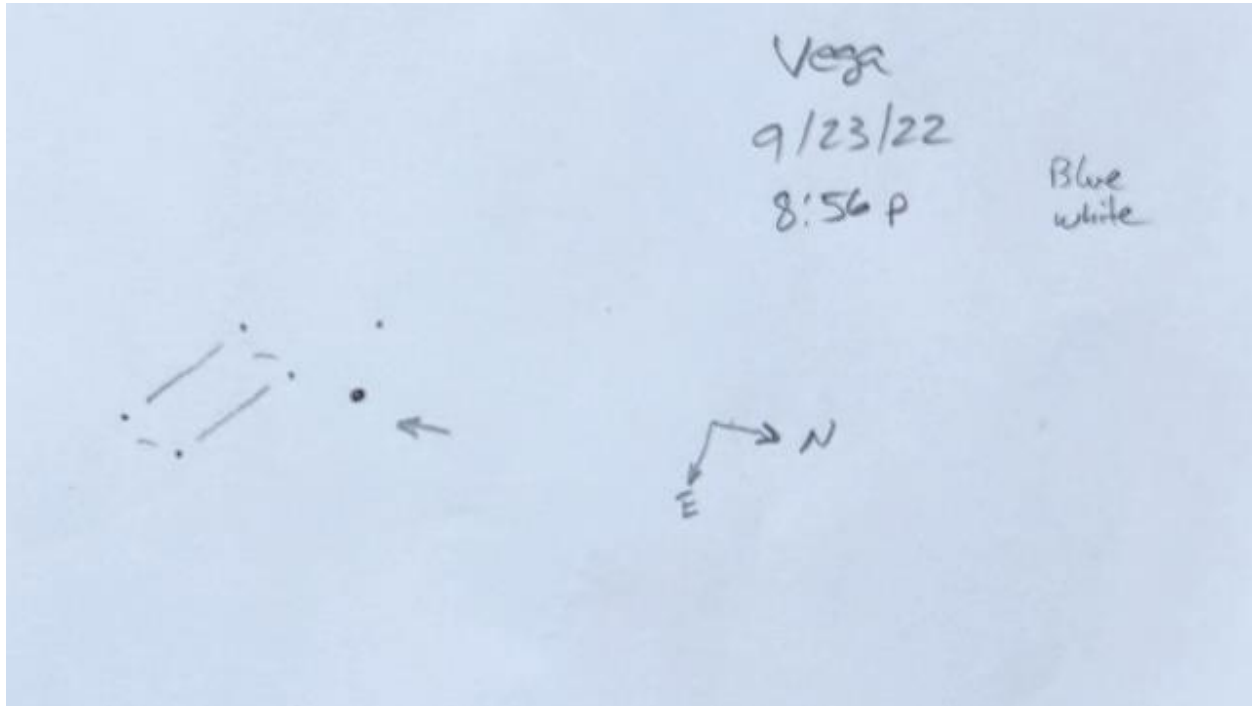
AL #	66
Constellation	Oph
Vmag	4.03
Distance ly	5.96
Star Type	M3.5
Transparency	Good
Seeing	Good
Color	Blue White

## Xi Boo Observation



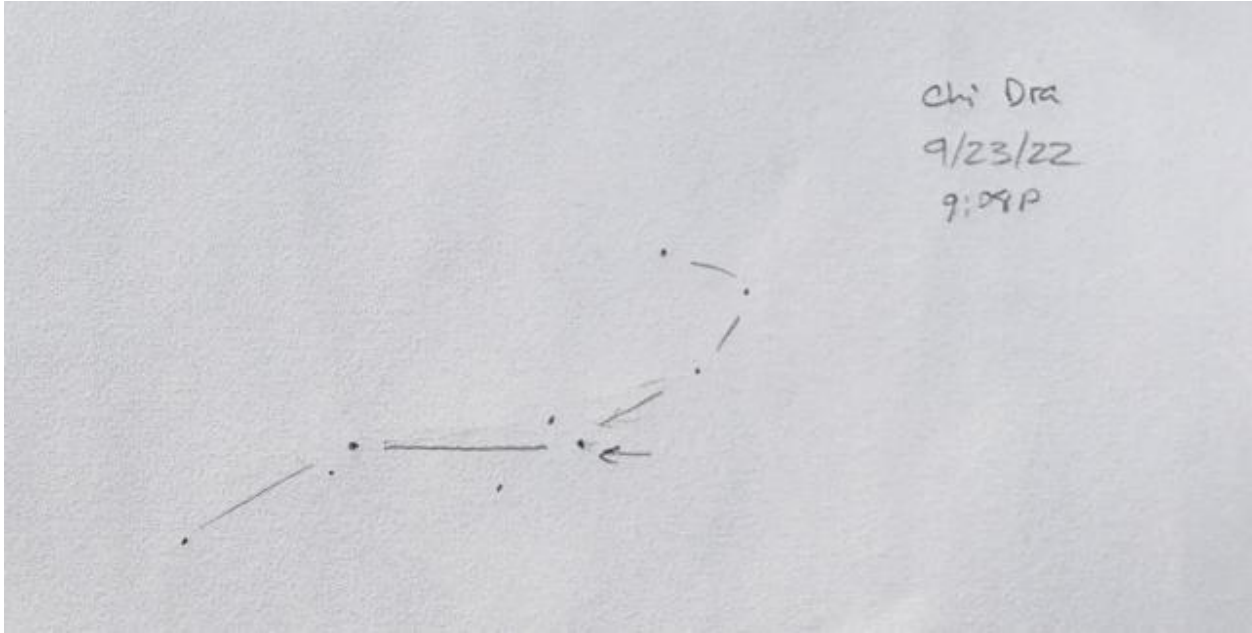
AL #	124
Constellation	B00
Vmag	4.68
Distance ly	22.02
Star Type	K0
Transparency	Good
Seeing	Good
Color	White

## Vega Observation



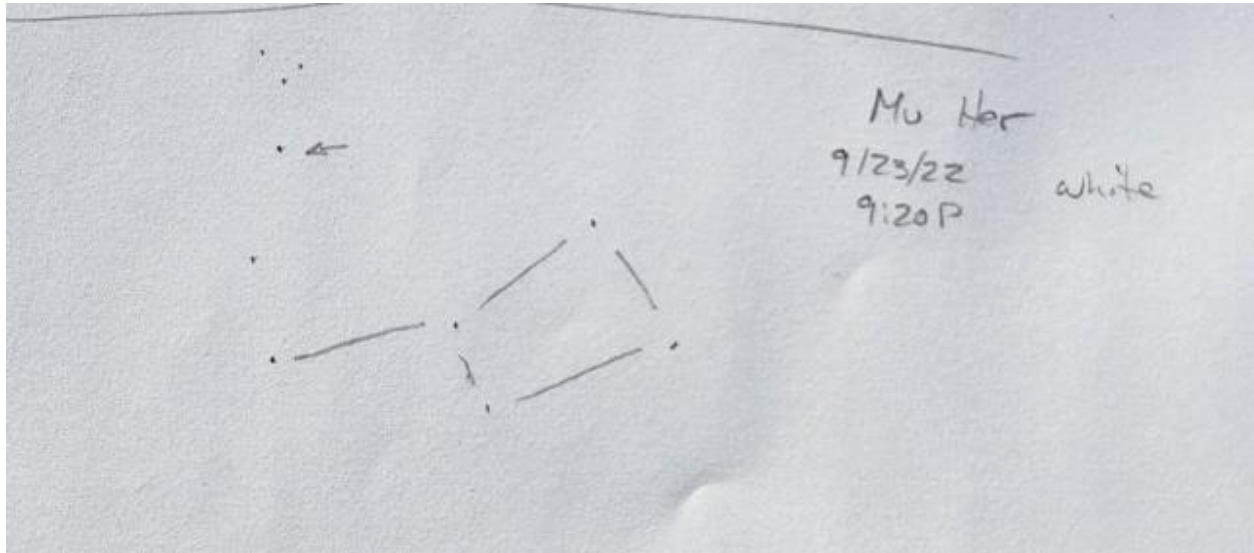
AL #	159
Constellation	Lyr
Vmag	0.03
Distance ly	25.03
Star Type	M3.5
Transparency	Good
Seeing	Good
Color	Blue White

## Chi Dra Observation



AL #	175
Constellation	Dra
Vmag	3.58
Distance ly	26.27
Star Type	F7
Transparency	Good
Seeing	Good
Color	Blue White

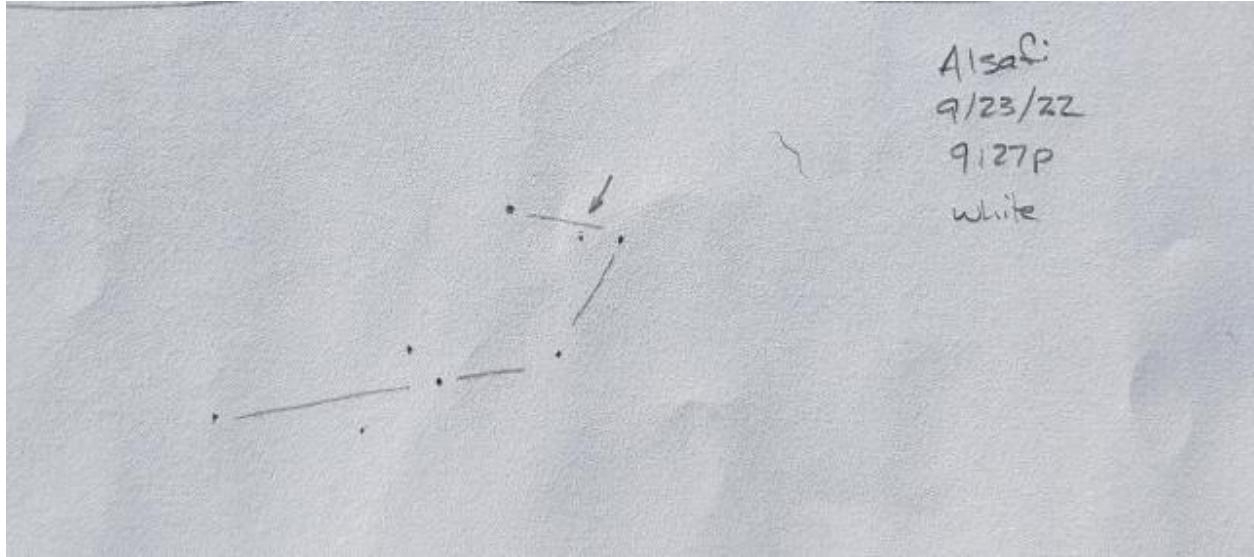
## Mu Her Observation



AL #	191
Constellation	Her
Vmag	3.42
Distance ly	27.18
Star Type	G5
Transparency	Good
Seeing	Good
Color	Blue White



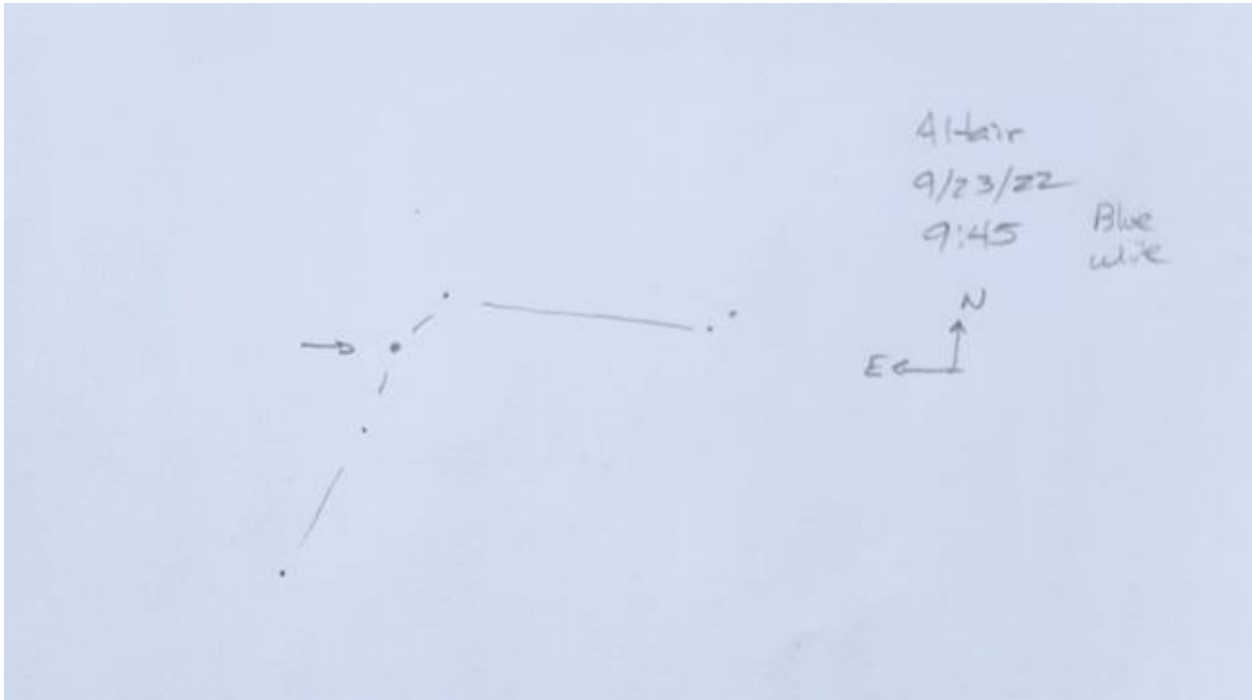
## Alsafi Observation



AL #	79
Constellation	Sig Dra
Vmag	4.68
Distance ly	18.79
Star Type	G9
Transparency	Good
Seeing	Good
Color	Blue White

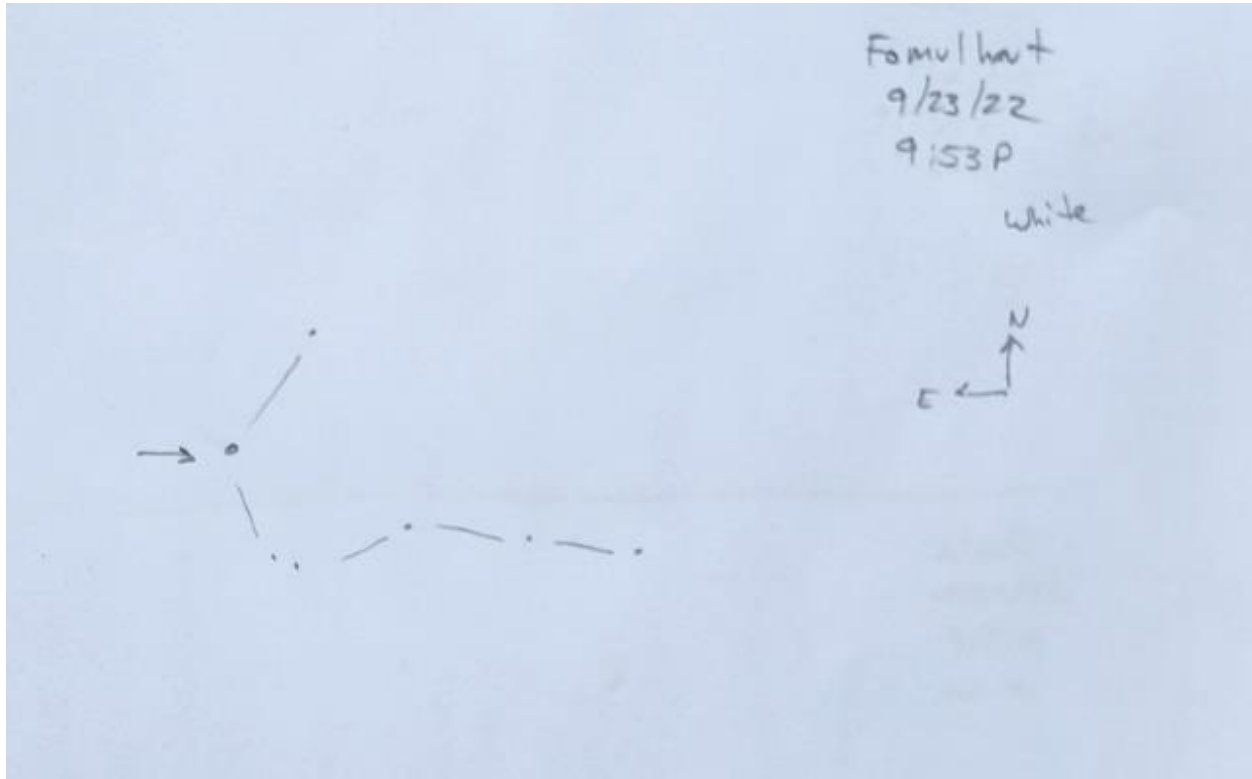


## Altair Observation



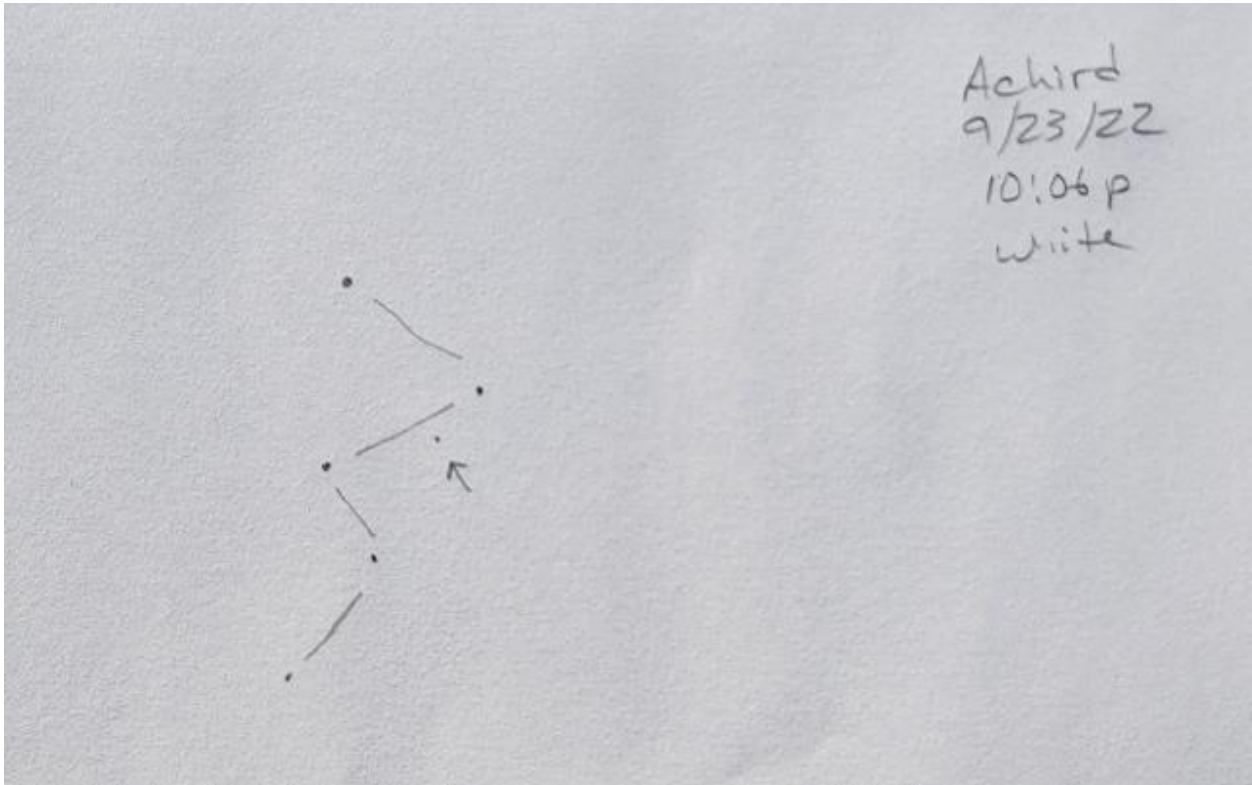
AL #	68
Constellation	Aql
Vmag	0.76
Distance ly	16.72
Star Type	A7
Transparency	Good
Seeing	Good
Color	Blue White

## Fomulhaut Observation



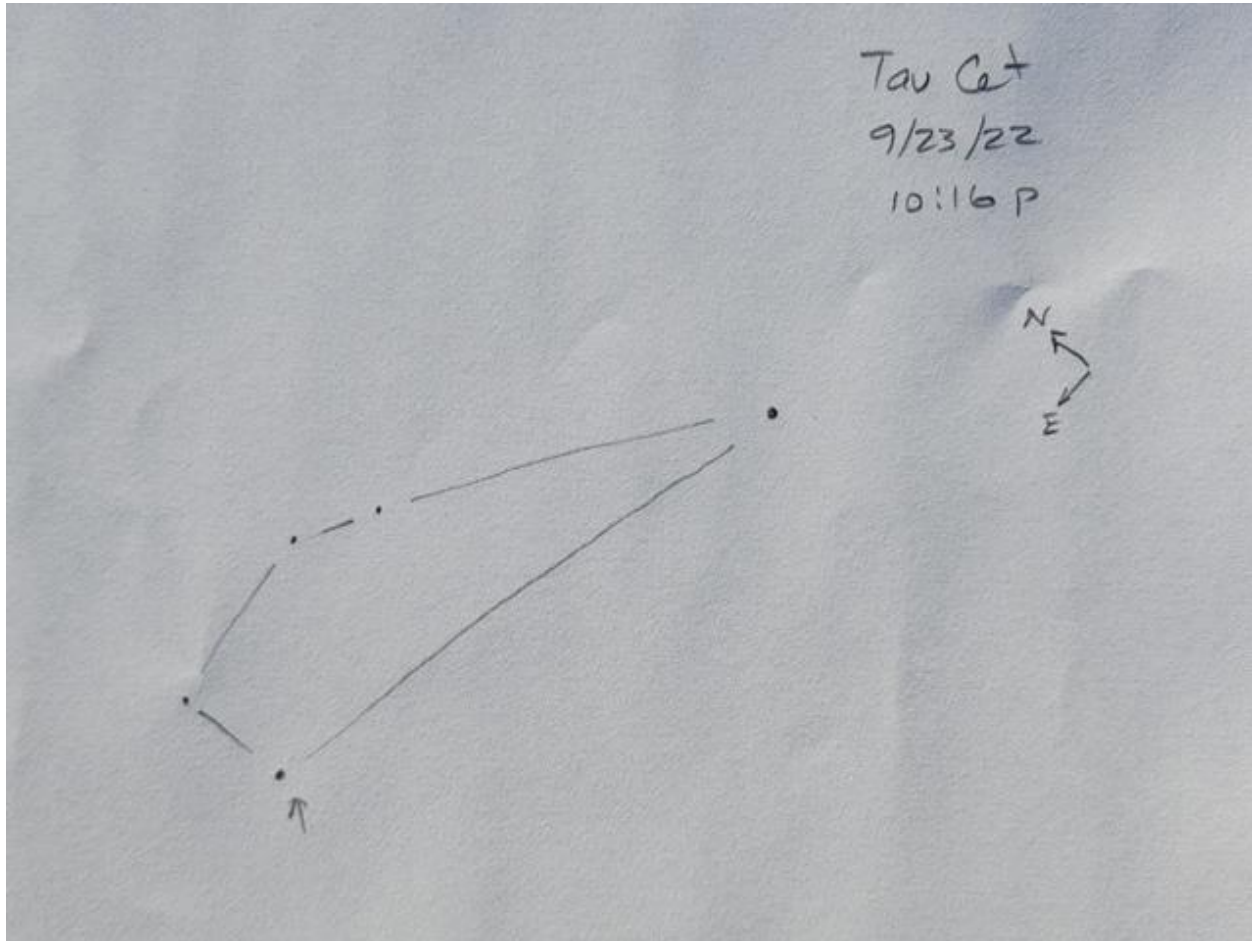
AL #	148
Constellation	PsA
Vmag	1.16
Distance ly	25.11
Star Type	A4
Transparency	OK
Seeing	OK
Color	White

## Achird Observation



AL #	89
Constellation	Eta Cas
Vmag	3.44
Distance ly	19.31
Star Type	F9
Transparency	Good
Seeing	Good
Color	Blue White

## Tau Cet Observation



AL #	27
Constellation	Cet
Vmag	3.50
Distance ly	11.91
Star Type	G8.5
Transparency	OK
Seeing	OK
Color	White