

POLARIS SIGHT

Date = _____

Object = **POLARIS** DR = _____ ° _____ ' _____ "

GMT = Zone Time
 plus minus hrs

HeightEye^{above}_{waterline} = _____ ft.

Index Error = _____ on off arc

Watch Error = _____ sec fast slow

GMT = Watch plus minus _____ sec

Watch Time	GMT	hs
: : :	: : :	° ' "

		GHA	∇
d	h	°	'
m	s	°	'
True Values		°	'

		hs	°
		IC	'
		hs ^{corr}	°
		dip	'
		App. Alt.	°
		Main Corr.	'
		<u>Ho</u>	°

Do one or the other of these calculations for LHA...but not both.

For people in western hemisphere:

If object is west of you,

$$LHA = GHA - a\lambda \text{ West}$$

GHA	∇	°	'
		°	'
-	aλ		

LHA	∇	°	'
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If object is east of you,

$$LHA = GHA + 360^\circ - a\lambda \text{ West}$$

GHA	∇	°	'
		°	'
+	360° 00.0		

subtotal	∇	°	'
		°	'
-	aλ		

LHA	∇	°	'
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$$\text{Latitude} = (HO - 1^\circ) + a_0 + a_1 + a_2$$

HO - 1° = _____

+ a₀ _____

+ a₁ _____

+ a₂ _____

My Latitude _____

Azimuth of Polaris _____ °

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Watch Time	GMT	hs
: : :	: : :	° ' "

		GHA \mathcal{V}
d	h	° ' "
m	s	° ' "
True Values		° ' "

	hs	°	'	"
	IC	°	'	"
	hs ^{corr}	°	'	"
	dip	°	'	"
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GHA \mathcal{V}	°	'	"
- a λ	°	'	"

LHA \mathcal{V}	°	'	"
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If object is east of you,

$$LHA = GHA + 360^\circ - a\lambda \text{ West}$$

GHA \mathcal{V}	°	'	"
+ 360° 00.0'	°	'	"

subtotal	°	'	"
- a λ	°	'	"

LHA \mathcal{V}	°	'	"
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$$\text{Latitude} = (HO - 1^\circ) + a_0 + a_1 + a_2$$

HO - 1° = _____

+ a₀ _____

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