

Sight Properties

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: **Lunar** ☒ Magnetic Azimuth

Celestial Body: **Sun** Time

Limb: **Near**

Lunar distance (LDOpc)

Measurement: **68° 12.0000'**

Certainty ('): **10.00**

Moon

Altitude: **20° 36.0000'** Find

Limb: **Center**

Body

Altitude: **3° 30.0000'** Find

Limb: **Center**

Apparent Lunar Distance (LDo)

$LDo = LDO.pc - IndexCorrection + LunarTopoSD + SunSD$

$LDo = 68.2000^\circ - -0.0167^\circ + 0.2475^\circ + 0.2710^\circ$

$LDo = 68.7352^\circ = 68^\circ 44.1096'$

Sight Properties

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: **Lunar** ☒ Magnetic Azimuth

Celestial Body: **Sun** Time

Limb: **Far**

Lunar distance (LDOpc)

Measurement: **68° 12.0000'**

Certainty ('): **1.00**

Moon

Altitude: **20° 36.0000'** Find

Limb: **Center**

Body

Altitude: **3° 30.0000'** Find

Limb: **Center**

Same result for
different limbs

Apparent Lunar Distance (LDo)

$LDo = LDO.pc - IndexCorrection + LunarTopoSD + SunSD$

$LDo = 68.2000^\circ - -0.0167^\circ + 0.2475^\circ + 0.2710^\circ$

$LDo = 68.7352^\circ = 68^\circ 44.1096'$

Same result with near and far limb

Celestial Navigation Sights					
	Type	Body	Time (UTC)	Measurement	Color
	Lunar	Sun	2026-01-12 14:34:48	68° 12.0000'	Time Correction: -1122 s
	Lunar	Sun	2026-01-12 14:34:48	68° 12.0000'	Time Correction: -1122 s