

©

About This Workbook

Julian Day (JD) = 2459013.16667

Data for Sun & Other Navigation Bodies

Enter Sight Log ID & click this yellow bar to get Body, Zone Time & DR Position from Sight Log

SR 96

Date & Zone Time @ DR Position

| | |
|------------------|---------|
| 12-Jun-2020 | 9:00:00 |
| YEAR | 2020 |
| Month (1 ... 12) | 6 |
| Day | 12 |
| Hour | 9 |
| Minute | 0 |
| Second | 0 |

Sight Log

DR L 48 deg. 8.50 min. N

Sight Log ID 162

DR Lo 123 deg. 26.00 min. W

Daylight Saving Time? Yes

Get My ZD Auto

IF Get My ZD = Manual, enter Hours & Minutes needed to convert ZT to GMT

Hours Minutes

My Zone Description 7

Click to Clear User Data Cells

DR Position & Zone Time for JUPITER sight No. 7 was retrieved from the Sight Log

Enter Data Into Yellow Cells.
Click on this box to clear user data cells.
Cells with a red triangle in the upper right hand corner have an explanatory note attached. To view the note place the cursor on the red triangle and the note will be displayed.

Zone Lo 120 deg. W
 Δ Lo 3 deg. 26.0 min. W
 Δ T 0:13:44
 LMT 8:46:16 Local Mean Time
 LAT 8:46:16 Local Apparent Time

Results are displayed in the Turquoise Cells.
The values shown are valid at the DR position, date & time specified in the yellow cells. Events such as Sun Rise, Sun Set & Meridian Transit may require iteration to arrive at the exact value.

Date & MeanTime @ Greenwich

| | |
|---------------------|-----------|
| 12-Jun-2020 | 16:00:00 |
| YEAR | 2020 |
| Day of Year | 164 |
| Month (1 ... 12) | 6 |
| Day | 12 |
| Hour | 16 |
| Minute | 0 |
| Second | 0 |
| Duration of Day | 15:19:01 |
| Δ T = TT -UT | 71.8 sec. |
| Use My Δ T ? | No |
| My Δ T | sec. |

GHA of Sun 60 deg. 0.09 min. GHA of Aries 141 deg. 26.10 min.

LHA of Sun 296 deg. 34.09 min. LHA of Aries 18 deg. 0.10 min.

DEC of Sun 23 deg. 12.16 min. N Note on Nav Bodies worksheet accuracy

Hc of Sun 34 deg. 35.62 min. SHA of Sun 278 deg. 33.98 min.

Zn of Sun 93.0 deg. Refraction (R_0) of Sun 1.46 min. SD of Sun 15.75 min.

Apparent Solar Noon Occurs Before Mean Solar Noon Parallax in Altitude (PA) of Sun 0.119 min.

Eqn. of Time @ DR Lo 0 min. 0.4 sec. Apparent Sun Ahead of Mean Sun

Altitude of the Sun on the Prime Vertical Circle 31 deg. 56.2 min.

Previous Fix L 48 deg. 11.10 min. N Course from Previous Fix to DR 259 deg.

Previous Fix Lo 123 deg. 6.00 min. W Previous Fix to DR 13.6 n. mi.

 Δ Time Since Previous Fix 2:17:00

Speed of Advance 6.0 kn.

Scroll Down for Moon & Planet Data

