

**U.S. Naval Observatory  
Astronomical Applications Department**

**Celestial Navigation Data**

**Celestial Navigation Data for 1937 Jul 2 at 5:00:00 UT**

For Assumed Position: Latitude N 7 20.0  
Longitude E 152 00.0

Object	Almanac Data				Altitude Corrections			
	GHA	Dec	Hc	Zn	Refr	SD	PA	Sum
	° ' "	° ' "	° ' "	°	' "	' "	' "	' "
SUN	254 04.0	N23 04.7	+43 05.2	294.9	-1.1	15.7	0.1	14.8
MARS	128 17.6	S20 02.3	+ 7 03.1	111.3	-7.3	0.1	0.2	-6.9
ACRUX	169 02.2	S62 45.6	+13 51.5	162.8	-3.9	0.0	0.0	-3.9
ADHARA	250 46.8	S28 53.2	-1.4	0.0	0.0	-1.4		
ALDEBARA	286 44.2	N16 23.1	+12 49.1	285.2	-4.2	0.0	0.0	-4.2
ALIOTH	161 59.7	N56 18.1	+29 14.2	27.2	-1.8	0.0	0.0	-1.8
ALKAID	148 32.7	N49 37.7	+25 04.3	38.0	-2.1	0.0	0.0	-2.1
ALNILAM	271 33.6	S 1 14.4	+26 01.4	265.0	-2.0	0.0	0.0	-2.0
ALPHARD	213 41.4	S 8 23.3	+73 17.1	199.9	-0.3	0.0	0.0	-0.3
ALPHECCA	121 48.1	N26 55.5	+ 6 41.2	63.6	-7.6	0.0	0.0	-7.6
ARCTURUS	141 36.7	N19 30.5	+24 39.0	71.9	-2.1	0.0	0.0	-2.1
AVIOR	229 31.1	S59 18.7	+21 10.2	191.6	-2.5	0.0	0.0	-2.5
BELLATRI	274 22.6	N 6 17.7	+24 08.7	273.6	-2.2	0.0	0.0	-2.2
BETELGEU	266 52.4	N 7 23.8	+31 39.5	274.2	-1.6	0.0	0.0	-1.6
CANOPUS	259 11.2	S52 39.7	+15 59.8	209.4	-3.4	0.0	0.0	-3.4
CAPELLA	276 48.2	N45 56.1	+19 56.7	316.4	-2.7	0.0	0.0	-2.7
DENEbola	178 20.9	N14 55.3	+59 58.1	72.8	-0.6	0.0	0.0	-0.6
DUBHE	189 50.9	N62 05.5	+33 38.2	10.1	-1.5	0.0	0.0	-1.5
ELNATH	274 14.1	N28 33.3	+24 20.1	298.1	-2.2	0.0	0.0	-2.2
GACRUX	167 53.5	S56 46.2	+17 59.7	158.2	-3.0	0.0	0.0	-3.0
GIENAH	171 40.1	S17 11.9	+46 30.9	124.7	-0.9	0.0	0.0	-0.9
HADAR	144 57.6	S60 04.7	+ 6 31.6	153.4	-7.8	0.0	0.0	-7.8
KOCHAB	132 05.6	N74 24.9	+10 49.6	15.4	-5.0	0.0	0.0	-5.0
MENKENT	144 03.7	S36 04.0	+16 05.2	130.9	-3.4	0.0	0.0	-3.4
MIAPLACI	216 41.9	S69 27.9	+12 58.0	183.1	-4.2	0.0	0.0	-4.2
MIRFAK	304 51.4	N49 38.3	+ 1 10.7	320.0	-20.7	0.0	0.0	-20.7
POLLUX	239 26.8	N28 10.7	+53 43.2	309.0	-0.7	0.0	0.0	-0.7
PROCYON	240 48.8	N 5 23.1	+57 20.3	268.5	-0.6	0.0	0.0	-0.6
REGULUS	203 33.4	N12 16.4	+83 24.0	41.2	-0.1	0.0	0.0	-0.1
RIGEL	276 56.3	S 8 16.3	+19 32.1	258.5	-2.8	0.0	0.0	-2.8
RIGIL KE	135 58.3	S60 35.0	+ 2 14.5	152.1	-16.0	0.0	0.0	-16.0
SIRIUS	254 13.4	S16 37.8	+38 23.2	242.0	-1.3	0.0	0.0	-1.3
SPICA	154 20.4	S10 50.3	+33 35.4	108.2	-1.5	0.0	0.0	-1.5
SUHAIL	218 23.9	S43 11.0	+38 36.4	189.7	-1.2	0.0	0.0	-1.2
ZUBENELG	132 57.4	S15 47.1	+12 13.0	108.0	-4.4	0.0	0.0	-4.4
POLARIS	329 32.6	N88 57.7	+ 6 47.4	359.1	-7.5	0.0	0.0	-7.5
ARIES	354 49.2							



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