

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

Celestial Navigation Data

Celestial Navigation Data for 1937 Jul 2 at 3:12:00 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	227 04.2	N23 05.0	-0.5	15.7	0.1	15.3		
VENUS	275 05.2	N15 48.1	+23 58.5	284.1	-2.2	0.2	0.2	-1.9
ACAMAR	283 46.5	S40 33.0	+ 5 52.0	227.8	-8.5	0.0	0.0	-8.5
ACRUX	141 57.8	S62 45.6	+ 4 03.9	155.2	-11.2	0.0	0.0	-11.2
ADHARA	223 42.4	S28 53.2	+50 44.6	202.0	-0.8	0.0	0.0	-0.8
ALDEBARA	259 39.8	N16 23.1	+38 46.4	285.2	-1.2	0.0	0.0	-1.2
ALIOTH	134 55.3	N56 18.1	+15 26.9	33.4	-3.5	0.0	0.0	-3.5
ALKAID	121 28.2	N49 37.7	+ 7 49.5	40.7	-6.7	0.0	0.0	-6.7
ALNILAM	244 29.2	S 1 14.4	+52 36.3	258.2	-0.8	0.0	0.0	-0.8
ALPHARD	186 37.0	S 8 23.3	+63 30.8	126.0	-0.5	0.0	0.0	-0.5
AVIOR	202 26.7	S59 18.7	+23 12.4	176.9	-2.3	0.0	0.0	-2.3
BELLATRI	247 18.1	N 6 17.7	+50 58.4	271.0	-0.8	0.0	0.0	-0.8
BETELGEU	239 48.0	N 7 23.8	+58 28.2	272.2	-0.6	0.0	0.0	-0.6
CANOPUS	232 06.7	S52 39.7	+26 35.4	196.1	-2.0	0.0	0.0	-2.0
CAPELLA	249 43.8	N45 56.1	+37 20.2	324.4	-1.3	0.0	0.0	-1.3
DENEbola	151 16.5	N14 55.3	+33 57.9	76.9	-1.5	0.0	0.0	-1.5
DUBHE	162 46.5	N62 05.5	+26 05.3	21.7	-2.0	0.0	0.0	-2.0
ELNATH	247 09.7	N28 33.3	+47 26.0	304.9	-0.9	0.0	0.0	-0.9
GACRUX	140 49.1	S56 46.2	+ 5 58.2	149.5	-8.4	0.0	0.0	-8.4
GIENAH	144 35.7	S17 11.9	+22 43.9	112.2	-2.3	0.0	0.0	-2.3
HAMAL	296 49.9	N23 10.0	+ 3 56.7	292.9	-11.4	0.0	0.0	-11.4
KOCHAB	105 01.2	N74 24.9	+ 3 37.1	15.2	-12.1	0.0	0.0	-12.1
MENKAR	282 59.5	N 3 50.8	+15 21.4	272.0	-3.5	0.0	0.0	-3.5
MIAPLACI	189 37.5	S69 27.9	+12 09.6	173.5	-4.4	0.0	0.0	-4.4
MIRFAK	277 47.0	N49 38.3	+18 37.0	320.1	-2.9	0.0	0.0	-2.9
POLLUX	212 22.4	N28 10.7	+68 44.9	349.3	-0.4	0.0	0.0	-0.4
PROCYON	213 44.3	N 5 23.1	+83 58.4	251.5	-0.1	0.0	0.0	-0.1
REGULUS	176 29.0	N12 16.4	+58 34.5	78.4	-0.6	0.0	0.0	-0.6
RIGEL	249 51.8	S 8 16.3	+45 26.8	250.3	-1.0	0.0	0.0	-1.0
SIRIUS	227 08.9	S16 37.8	+59 27.3	218.2	-0.6	0.0	0.0	-0.6
SPICA	127 15.9	S10 50.3	+ 7 38.0	102.0	-6.8	0.0	0.0	-6.8
SUHAIL	191 19.5	S43 11.0	+37 15.6	164.8	-1.3	0.0	0.0	-1.3
POLARIS	302 28.1	N88 57.7	+ 7 15.1	359.0	-7.1	0.0	0.0	-7.1
ARIES	327 44.7							

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