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Sextant Correction Tables (Dip and Refraction)

Parallax Correction Tables

Combined Correction Tables for the Moon

Offset Correction Table

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Correction Tables for Sextant Altitudes

The Altitude-Intercept method used in contemporary Celestial Navigation, is based on the comparison of an "observed altitude" with a related "computed altitude". The "computed altitude" itself is based on a mathematical model, which implies a number of conditions and assumptions some of which are:

- The celestial bodies have no physical dimensions and observations are made from the center of the Earth.
- Light rays from celestial bodies come from infinitely far away and hence reach the Earth parallel to one another.
- The Earth has no atmosphere and air has no index of refraction.

These assumptions are not fulfilled for observations made in the real physical world. In order to put the mathematically computed altitude and the "real world" observed altitude on an alike basis of comparison, some "corrections" must be applied to the measured Sextant Altitude.

These corrections are performed on the measured Sextant Altitude according to the following scheme:

Hs	— ° —'	Sextant Altitude
IE	± —'	Index Error
Dip	- —'	Dip Correction
Ha	— ° —'	Apparent Altitude of upper/lower Limb
Refr	- —'	Refraction
H	— ° —'	Altitude of upper/lower Limb (topocentric)
Pllx	+ — ° —'	Parallax Correction
SD	± —'	Semi-Diameter (+ for lower limb / - for upper limb)
Ho	— ° —'	Observed Altitude (geocentric)

The values for semi-diameter (SD) and horizontal parallax (HP) must be obtained from the Nautical Almanac. The values for dip, refraction (Refr) and parallax (Pllx) can be obtained from this volume.

On the next pages the Tables for Dip of the Horizon, Refraction and Parallax are presented. The Tables for the Parallax values are splitted in two ranges. For the Sun and the Planets, the applicable range is 0.1' to 0.5'. Since the Moon is much closer to the Earth, the applicable Parallax values are considerably larger and range from 54.0' to 63.0'.

For the Moon, a combined correction of parallax and semi-diameter can be applied. The Tables for this combined correction can be found at the end of the parallax section. If this method is used, the SD step in the correction scheme above, must be omitted. Notice that the values of the combined correction for upper limb observations, are negative for high altitude values.

Correction Table for Dip of the Horizon

Height above Horizon	Correction on Altitude	Distance to the Horizon	Height above Horizon	Correction on Altitude	Distance to the Horizon	Height above Horizon	Correction on Altitude	Distance to the Horizon
0.3 m	-01' 0	1.2 nm	5.2 m	-04' 0	4.7 nm	15.8 m	-07' 0	8.2 nm
0.4 m	-01' 1	1.3 nm	5.4 m	-04' 1	4.8 nm	16.3 m	-07' 1	8.4 nm
0.5 m	-01' 2	1.4 nm	5.7 m	-04' 2	4.9 nm	16.7 m	-07' 2	8.5 nm
0.5 m	-01' 3	1.5 nm	6.0 m	-04' 3	5.1 nm	17.2 m	-07' 3	8.6 nm
0.6 m	-01' 4	1.6 nm	6.3 m	-04' 4	5.2 nm	17.7 m	-07' 4	8.7 nm
0.7 m	-01' 5	1.8 nm	6.5 m	-04' 5	5.3 nm	18.2 m	-07' 5	8.8 nm
0.8 m	-01' 6	1.9 nm	6.8 m	-04' 6	5.4 nm	18.6 m	-07' 6	8.9 nm
0.9 m	-01' 7	2.0 nm	7.1 m	-04' 7	5.5 nm	19.1 m	-07' 7	9.1 nm
1.0 m	-01' 8	2.1 nm	7.4 m	-04' 8	5.6 nm	19.6 m	-07' 8	9.2 nm
1.2 m	-01' 9	2.2 nm	7.8 m	-04' 9	5.8 nm	20.1 m	-07' 9	9.3 nm
1.3 m	-02' 0	2.4 nm	8.1 m	-05' 0	5.9 nm	20.7 m	-08' 0	9.4 nm
1.4 m	-02' 1	2.5 nm	8.4 m	-05' 1	6.0 nm	21.2 m	-08' 1	9.5 nm
1.6 m	-02' 2	2.6 nm	8.7 m	-05' 2	6.1 nm	21.7 m	-08' 2	9.6 nm
1.7 m	-02' 3	2.7 nm	9.1 m	-05' 3	6.2 nm	22.2 m	-08' 3	9.8 nm
1.9 m	-02' 4	2.8 nm	9.4 m	-05' 4	6.4 nm	22.8 m	-08' 4	9.9 nm
2.0 m	-02' 5	2.9 nm	9.8 m	-05' 5	6.5 nm	23.3 m	-08' 5	10.0 nm
2.2 m	-02' 6	3.1 nm	10.1 m	-05' 6	6.6 nm	23.9 m	-08' 6	10.1 nm
2.4 m	-02' 7	3.2 nm	10.5 m	-05' 7	6.7 nm	24.4 m	-08' 7	10.2 nm
2.5 m	-02' 8	3.3 nm	10.9 m	-05' 8	6.8 nm	25.0 m	-08' 8	10.3 nm
2.7 m	-02' 9	3.4 nm	11.2 m	-05' 9	6.9 nm	25.6 m	-08' 9	10.5 nm
2.9 m	-03' 0	3.5 nm	11.6 m	-06' 0	7.1 nm	26.1 m	-09' 0	10.6 nm
3.1 m	-03' 1	3.6 nm	12.0 m	-06' 1	7.2 nm	26.7 m	-09' 1	10.7 nm
3.3 m	-03' 2	3.8 nm	12.4 m	-06' 2	7.3 nm	27.3 m	-09' 2	10.8 nm
3.5 m	-03' 3	3.9 nm	12.8 m	-06' 3	7.4 nm	27.9 m	-09' 3	10.9 nm
3.7 m	-03' 4	4.0 nm	13.2 m	-06' 4	7.5 nm	28.5 m	-09' 4	11.1 nm
4.0 m	-03' 5	4.1 nm	13.6 m	-06' 5	7.6 nm	29.1 m	-09' 5	11.2 nm
4.2 m	-03' 6	4.2 nm	14.1 m	-06' 6	7.8 nm	29.8 m	-09' 6	11.3 nm
4.4 m	-03' 7	4.4 nm	14.5 m	-06' 7	7.9 nm	30.4 m	-09' 7	11.4 nm
4.7 m	-03' 8	4.5 nm	14.9 m	-06' 8	8.0 nm	31.0 m	-09' 8	11.5 nm
4.9 m	-03' 9	4.6 nm	15.4 m	-06' 9	8.1 nm	31.6 m	-09' 9	11.6 nm

Height above Horizon: is the height above the sea level (in meters) at which the sextant is held during the celestial observation.

Correction on Altitude: is the angle (in minutes of arc) by which the Altitude has to be corrected to account for the effect of Dip.

Distance to the Horizon: is the distance (in nautical miles) to the apparent Horizon.

Correction Table for Refraction (according to Bennett - 1982)

Pressure		1000 hPa		1030 hPa		Pressure		1000 hPa		1030 hPa	
Temperature		10°C	30°C	10°C	30°C	Temperature		10°C	30°C	10°C	30°C
Altitude						Altitude					
3° 00'	-14' 2	-13' 3	-14' 6	-13' 7		17° 30'	-03' 1	-02' 9	-03' 2	-03' 0	
3° 07'	-13' 8	-12' 9	-14' 2	-13' 3		18° 00'	-03' 0	-02' 8	-03' 1	-02' 9	
3° 15'	-13' 5	-12' 6	-13' 9	-13' 0		18° 30'	-02' 9	-02' 7	-03' 0	-02' 8	
3° 22'	-13' 1	-12' 3	-13' 5	-12' 6		19° 00'	-02' 8	-02' 6	-02' 9	-02' 7	
3° 30'	-12' 8	-12' 0	-13' 2	-12' 3		19° 30'	-02' 8	-02' 6	-02' 8	-02' 7	
3° 37'	-12' 5	-11' 7	-12' 9	-12' 0		20° 00'	-02' 7	-02' 5	-02' 8	-02' 6	
3° 45'	-12' 2	-11' 4	-12' 6	-11' 7		20° 30'	-02' 6	-02' 4	-02' 7	-02' 5	
3° 52'	-11' 9	-11' 1	-12' 3	-11' 5		21° 00'	-02' 6	-02' 4	-02' 6	-02' 5	
4° 00'	-11' 6	-10' 9	-12' 0	-11' 2		21° 30'	-02' 5	-02' 3	-02' 6	-02' 4	
4° 07'	-11' 4	-10' 6	-11' 7	-10' 9		22° 00'	-02' 4	-02' 3	-02' 5	-02' 3	
4° 15'	-11' 1	-10' 4	-11' 4	-10' 7		22° 30'	-02' 4	-02' 2	-02' 4	-02' 3	
4° 22'	-10' 9	-10' 2	-11' 2	-10' 5		23° 00'	-02' 3	-02' 2	-02' 4	-02' 2	
4° 30'	-10' 6	-09' 9	-11' 0	-10' 2		23° 30'	-02' 3	-02' 1	-02' 3	-02' 2	
4° 37'	-10' 4	-09' 7	-10' 7	-10' 0		24° 00'	-02' 2	-02' 1	-02' 3	-02' 1	
4° 45'	-10' 2	-09' 5	-10' 5	-09' 8		25° 00'	-02' 1	-02' 0	-02' 2	-02' 0	
4° 52'	-10' 0	-09' 3	-10' 3	-09' 6		26° 00'	-02' 0	-01' 9	-02' 1	-01' 9	
5° 00'	-09' 8	-09' 1	-10' 1	-09' 4		27° 00'	-01' 9	-01' 8	-02' 0	-01' 9	
5° 07'	-09' 6	-09' 0	-09' 9	-09' 2		28° 00'	-01' 9	-01' 7	-01' 9	-01' 8	
5° 15'	-09' 4	-08' 8	-09' 7	-09' 1		29° 00'	-01' 8	-01' 7	-01' 8	-01' 7	
5° 22'	-09' 2	-08' 6	-09' 5	-08' 9		30° 00'	-01' 7	-01' 6	-01' 8	-01' 6	
5° 30'	-09' 1	-08' 5	-09' 3	-08' 7		31° 00'	-01' 6	-01' 5	-01' 7	-01' 6	
5° 37'	-08' 9	-08' 3	-09' 2	-08' 6		32° 00'	-01' 6	-01' 5	-01' 6	-01' 5	
5° 45'	-08' 7	-08' 2	-09' 0	-08' 4		33° 00'	-01' 5	-01' 4	-01' 6	-01' 5	
5° 52'	-08' 6	-08' 0	-08' 8	-08' 3		34° 00'	-01' 5	-01' 4	-01' 5	-01' 4	
6° 00'	-08' 4	-07' 9	-08' 7	-08' 1		35° 00'	-01' 4	-01' 3	-01' 5	-01' 4	
6° 15'	-08' 1	-07' 6	-08' 4	-07' 8		36° 00'	-01' 4	-01' 3	-01' 4	-01' 3	
6° 30'	-07' 9	-07' 4	-08' 1	-07' 6		37° 00'	-01' 3	-01' 2	-01' 4	-01' 3	
6° 45'	-07' 6	-07' 1	-07' 9	-07' 3		38° 00'	-01' 3	-01' 2	-01' 3	-01' 2	
7° 00'	-07' 4	-06' 9	-07' 6	-07' 1		39° 00'	-01' 2	-01' 1	-01' 3	-01' 2	
7° 15'	-07' 2	-06' 7	-07' 4	-06' 9		40° 00'	-01' 2	-01' 1	-01' 2	-01' 1	
7° 30'	-07' 0	-06' 5	-07' 2	-06' 7		41° 00'	-01' 1	-01' 1	-01' 2	-01' 1	
7° 45'	-06' 8	-06' 3	-07' 0	-06' 5		42° 00'	-01' 1	-01' 0	-01' 1	-01' 1	
8° 00'	-06' 6	-06' 1	-06' 8	-06' 3		43° 00'	-01' 1	-01' 0	-01' 1	-01' 0	
8° 15'	-06' 4	-06' 0	-06' 6	-06' 1		44° 00'	-01' 0	-01' 0	-01' 1	-01' 0	
8° 30'	-06' 2	-05' 8	-06' 4	-06' 0		45° 00'	-01' 0	-00' 9	-01' 0	-01' 0	
8° 45'	-06' 1	-05' 7	-06' 2	-05' 8		46° 00'	-01' 0	-00' 9	-01' 0	-00' 9	
9° 00'	-05' 9	-05' 5	-06' 1	-05' 7		47° 00'	-00' 9	-00' 9	-01' 0	-00' 9	
9° 15'	-05' 8	-05' 4	-05' 9	-05' 5		48° 00'	-00' 9	-00' 8	-00' 9	-00' 9	
9° 30'	-05' 6	-05' 2	-05' 8	-05' 4		50° 00'	-00' 8	-00' 8	-00' 9	-00' 8	
9° 45'	-05' 5	-05' 1	-05' 6	-05' 3		52° 00'	-00' 8	-00' 7	-00' 8	-00' 8	
10° 00'	-05' 3	-05' 0	-05' 5	-05' 1		54° 00'	-00' 7	-00' 7	-00' 7	-00' 7	
10° 15'	-05' 2	-04' 9	-05' 4	-05' 0		56° 00'	-00' 7	-00' 6	-00' 7	-00' 6	
10° 30'	-05' 1	-04' 8	-05' 3	-04' 9		58° 00'	-00' 6	-00' 6	-00' 6	-00' 6	
10° 45'	-05' 0	-04' 7	-05' 1	-04' 8		60° 00'	-00' 6	-00' 5	-00' 6	-00' 6	
11° 00'	-04' 9	-04' 6	-05' 0	-04' 7		62° 00'	-00' 5	-00' 5	-00' 5	-00' 5	
11° 15'	-04' 8	-04' 5	-04' 9	-04' 6		64° 00'	-00' 5	-00' 5	-00' 5	-00' 5	
11° 30'	-04' 7	-04' 4	-04' 8	-04' 5		66° 00'	-00' 4	-00' 4	-00' 5	-00' 4	
11° 45'	-04' 6	-04' 3	-04' 7	-04' 4		68° 00'	-00' 4	-00' 4	-00' 4	-00' 4	
12° 00'	-04' 5	-04' 2	-04' 6	-04' 3		70° 00'	-00' 4	-00' 3	-00' 4	-00' 4	
12° 30'	-04' 3	-04' 0	-04' 5	-04' 2		72° 00'	-00' 3	-00' 3	-00' 3	-00' 3	
13° 00'	-04' 2	-03' 9	-04' 3	-04' 0		74° 00'	-00' 3	-00' 3	-00' 3	-00' 3	
13° 30'	-04' 0	-03' 7	-04' 1	-03' 9		76° 00'	-00' 3	-00' 2	-00' 3	-00' 2	
14° 00'	-03' 9	-03' 6	-04' 0	-03' 7		78° 00'	-00' 2	-00' 2	-00' 2	-00' 2	
14° 30'	-03' 7	-03' 5	-03' 8	-03' 6		80° 00'	-00' 2	-00' 2	-00' 2	-00' 2	
15° 00'	-03' 6	-03' 4	-03' 7	-03' 5		82° 00'	-00' 1	-00' 1	-00' 2	-00' 1	
15° 30'	-03' 5	-03' 3	-03' 6	-03' 4		84° 00'	-00' 1	-00' 1	-00' 1	-00' 1	
16° 00'	-03' 4	-03' 2	-03' 5	-03' 3		86° 00'	-00' 1	-00' 1	-00' 1	-00' 1	
16° 30'	-03' 3	-03' 1	-03' 4	-03' 2		88° 00'	-00' 0	-00' 0	-00' 0	-00' 0	
17° 00'	-03' 2	-03' 0	-03' 3	-03' 1		90° 00'	-00' 0	-00' 0	-00' 0	-00' 0	

Table for Parallax Correction (Sun and Planets)

HP 0.1' - 0.5'

Horizontal Parallax					Horizontal Parallax					Horizontal Parallax							
0'1	0'2	0'3	0'4	0'5	0'1	0'2	0'3	0'4	0'5	0'1	0'2	0'3	0'4	0'5			
Altitude					Altitude					Altitude							
0° 00'	0'1	0'2	0'3	0'4	0'5	30° 00'	0'1	0'2	0'3	0'3	0'4	60° 00'	0'0	0'1	0'1	0'2	0'2
1° 00'	0'1	0'2	0'3	0'4	0'5	31° 00'	0'1	0'2	0'3	0'3	0'4	61° 00'	0'0	0'1	0'1	0'2	0'2
2° 00'	0'1	0'2	0'3	0'4	0'5	32° 00'	0'1	0'2	0'3	0'3	0'4	62° 00'	0'0	0'1	0'1	0'2	0'2
3° 00'	0'1	0'2	0'3	0'4	0'5	33° 00'	0'1	0'2	0'3	0'3	0'4	63° 00'	0'0	0'1	0'1	0'2	0'2
4° 00'	0'1	0'2	0'3	0'4	0'5	34° 00'	0'1	0'2	0'2	0'3	0'4	64° 00'	0'0	0'1	0'1	0'2	0'2
5° 00'	0'1	0'2	0'3	0'4	0'5	35° 00'	0'1	0'2	0'2	0'3	0'4	65° 00'	0'0	0'1	0'1	0'2	0'2
6° 00'	0'1	0'2	0'3	0'4	0'5	36° 00'	0'1	0'2	0'2	0'3	0'4	66° 00'	0'0	0'1	0'1	0'2	0'2
7° 00'	0'1	0'2	0'3	0'4	0'5	37° 00'	0'1	0'2	0'2	0'3	0'4	67° 00'	0'0	0'1	0'1	0'2	0'2
8° 00'	0'1	0'2	0'3	0'4	0'5	38° 00'	0'1	0'2	0'2	0'3	0'4	68° 00'	0'0	0'1	0'1	0'1	0'2
9° 00'	0'1	0'2	0'3	0'4	0'5	39° 00'	0'1	0'2	0'2	0'3	0'4	69° 00'	0'0	0'1	0'1	0'1	0'2
10° 00'	0'1	0'2	0'3	0'4	0'5	40° 00'	0'1	0'2	0'2	0'3	0'4	70° 00'	0'0	0'1	0'1	0'1	0'2
11° 00'	0'1	0'2	0'3	0'4	0'5	41° 00'	0'1	0'2	0'2	0'3	0'4	71° 00'	0'0	0'1	0'1	0'1	0'2
12° 00'	0'1	0'2	0'3	0'4	0'5	42° 00'	0'1	0'1	0'2	0'3	0'4	72° 00'	0'0	0'1	0'1	0'1	0'2
13° 00'	0'1	0'2	0'3	0'4	0'5	43° 00'	0'1	0'1	0'2	0'3	0'4	73° 00'	0'0	0'1	0'1	0'1	0'1
14° 00'	0'1	0'2	0'3	0'4	0'5	44° 00'	0'1	0'1	0'2	0'3	0'4	74° 00'	0'0	0'1	0'1	0'1	0'1
15° 00'	0'1	0'2	0'3	0'4	0'5	45° 00'	0'1	0'1	0'2	0'3	0'4	75° 00'	0'0	0'1	0'1	0'1	0'1
16° 00'	0'1	0'2	0'3	0'4	0'5	46° 00'	0'1	0'1	0'2	0'3	0'3	76° 00'	0'0	0'1	0'1	0'1	0'1
17° 00'	0'1	0'2	0'3	0'4	0'5	47° 00'	0'1	0'1	0'2	0'3	0'3	77° 00'	0'0	0'1	0'1	0'1	0'1
18° 00'	0'1	0'2	0'3	0'4	0'5	48° 00'	0'1	0'1	0'2	0'3	0'3	78° 00'	0'0	0'1	0'1	0'1	0'1
19° 00'	0'1	0'2	0'3	0'4	0'5	49° 00'	0'1	0'1	0'2	0'3	0'3	79° 00'	0'0	0'1	0'1	0'1	0'1
20° 00'	0'1	0'2	0'3	0'4	0'5	50° 00'	0'1	0'1	0'2	0'3	0'3	80° 00'	0'0	0'1	0'1	0'1	0'1
21° 00'	0'1	0'2	0'3	0'4	0'5	51° 00'	0'1	0'1	0'2	0'3	0'3	81° 00'	0'0	0'0	0'0	0'1	0'1
22° 00'	0'1	0'2	0'3	0'4	0'5	52° 00'	0'1	0'1	0'2	0'2	0'3	82° 00'	0'0	0'0	0'0	0'1	0'1
23° 00'	0'1	0'2	0'3	0'4	0'5	53° 00'	0'1	0'1	0'2	0'2	0'3	83° 00'	0'0	0'0	0'0	0'0	0'1
24° 00'	0'1	0'2	0'3	0'4	0'5	54° 00'	0'1	0'1	0'2	0'2	0'3	84° 00'	0'0	0'0	0'0	0'0	0'1
25° 00'	0'1	0'2	0'3	0'4	0'5	55° 00'	0'1	0'1	0'2	0'2	0'3	85° 00'	0'0	0'0	0'0	0'0	0'0
26° 00'	0'1	0'2	0'3	0'4	0'4	56° 00'	0'1	0'1	0'2	0'2	0'3	86° 00'	0'0	0'0	0'0	0'0	0'0
27° 00'	0'1	0'2	0'3	0'4	0'4	57° 00'	0'1	0'1	0'2	0'2	0'3	87° 00'	0'0	0'0	0'0	0'0	0'0
28° 00'	0'1	0'2	0'3	0'4	0'4	58° 00'	0'1	0'1	0'2	0'2	0'3	88° 00'	0'0	0'0	0'0	0'0	0'0
29° 00'	0'1	0'2	0'3	0'3	0'4	59° 00'	0'1	0'1	0'2	0'2	0'3	89° 00'	0'0	0'0	0'0	0'0	0'0

Table for Parallax Correction (Moon)

HP 54.0'- 57.0'

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Table for Parallax Correction (Moon)

HP 54.0'- 57.0'

Table for Parallax Correction (Moon)

HP 54.0'- 57.0'

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Table for Parallax Correction (Moon)

HP 54.0'- 57.0'

Horizontal Parallax																		
	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'		
Altitude																		
45° 00'	38'2	38'3	38'5	38'6	38'7	38'9	39'0	39'2	39'3	39'5	39'6	39'7	39'9	40'0	40'2	40'3		
45° 15'	38'0	38'2	38'3	38'4	38'6	38'7	38'9	39'0	39'1	39'3	39'4	39'6	39'7	39'8	40'0	40'1		
45° 30'	37'8	38'0	38'1	38'3	38'4	38'5	38'7	38'8	39'0	39'1	39'3	39'4	39'5	39'7	39'8	40'0		
45° 45'	37'7	37'8	38'0	38'1	38'2	38'4	38'5	38'7	38'8	38'9	39'1	39'2	39'4	39'5	39'6	39'8		
46° 00'	37'5	37'6	37'8	37'9	38'1	38'2	38'3	38'5	38'6	38'8	38'9	39'0	39'2	39'3	39'5	39'6		
46° 15'	37'3	37'5	37'6	37'8	37'9	38'0	38'2	38'3	38'4	38'6	38'7	38'9	39'0	39'1	39'3	39'4		
46° 30'	37'2	37'3	37'4	37'6	37'7	37'9	38'0	38'1	38'3	38'4	38'5	38'7	38'8	39'0	39'1	39'2		
46° 45'	37'0	37'1	37'3	37'4	37'5	37'7	37'8	38'0	38'1	38'2	38'4	38'5	38'6	38'8	38'9	39'1		
47° 00'	36'8	37'0	37'1	37'2	37'4	37'5	37'6	37'8	37'9	38'1	38'2	38'3	38'5	38'6	38'7	38'9		
47° 15'	36'7	36'8	36'9	37'1	37'2	37'3	37'5	37'6	37'7	37'9	38'0	38'1	38'3	38'4	38'6	38'7		
47° 30'	36'5	36'6	36'8	36'9	37'0	37'2	37'3	37'4	37'6	37'7	37'8	38'0	38'1	38'2	38'4	38'5		
47° 45'	36'3	36'4	36'6	36'7	36'8	37'0	37'1	37'2	37'4	37'5	37'7	37'8	37'9	38'1	38'2	38'3		
48° 00'	36'1	36'3	36'4	36'5	36'7	36'8	36'9	37'1	37'2	37'3	37'5	37'6	37'7	37'9	38'0	38'1		
48° 15'	36'0	36'1	36'2	36'4	36'5	36'6	36'8	36'9	37'0	37'2	37'3	37'4	37'6	37'7	37'8	38'0		
48° 30'	35'8	35'9	36'0	36'2	36'3	36'4	36'6	36'7	36'8	37'0	37'1	37'2	37'4	37'5	37'6	37'8		
48° 45'	35'6	35'7	35'9	36'0	36'1	36'3	36'4	36'5	36'7	36'8	36'9	37'1	37'2	37'3	37'4	37'6		
49° 00'	35'4	35'6	35'7	35'8	36'0	36'1	36'2	36'3	36'5	36'6	36'7	36'9	37'0	37'1	37'3	37'4		
49° 15'	35'2	35'4	35'5	35'6	35'8	35'9	36'0	36'2	36'3	36'4	36'6	36'7	36'8	36'9	37'1	37'2		
49° 30'	35'1	35'2	35'3	35'5	35'6	35'7	35'8	36'0	36'1	36'2	36'4	36'5	36'6	36'8	36'9	37'0		
49° 45'	34'9	35'0	35'1	35'3	35'4	35'5	35'7	35'8	35'9	36'1	36'2	36'3	36'4	36'6	36'7	36'8		
50° 00'	34'7	34'8	35'0	35'1	35'2	35'4	35'5	35'6	35'7	35'9	36'0	36'1	36'3	36'4	36'5	36'6		
50° 15'	34'5	34'7	34'8	34'9	35'0	35'2	35'3	35'4	35'6	35'7	35'8	35'9	36'1	36'2	36'3	36'4		
50° 30'	34'3	34'5	34'6	34'7	34'9	35'0	35'1	35'2	35'4	35'5	35'6	35'7	35'9	36'0	36'1	36'3		
50° 45'	34'2	34'3	34'4	34'5	34'7	34'8	34'9	35'1	35'2	35'3	35'4	35'6	35'7	35'8	35'9	36'1		
51° 00'	34'0	34'1	34'2	34'4	34'5	34'6	34'7	34'9	35'0	35'1	35'2	35'4	35'5	35'6	35'7	35'9		
51° 15'	33'8	33'9	34'0	34'2	34'3	34'4	34'6	34'7	34'8	34'9	35'1	35'2	35'3	35'4	35'6	35'7		
51° 30'	33'6	33'7	33'9	34'0	34'1	34'2	34'4	34'5	34'6	34'7	34'9	35'0	35'1	35'2	35'4	35'5		
51° 45'	33'4	33'6	33'7	33'8	33'9	34'0	34'2	34'3	34'4	34'5	34'7	34'8	34'9	35'0	35'2	35'3		
52° 00'	33'2	33'4	33'5	33'6	33'7	33'9	34'0	34'1	34'2	34'4	34'5	34'6	34'7	34'8	35'0	35'1		
52° 15'	33'1	33'2	33'3	33'4	33'5	33'7	33'8	33'9	34'0	34'2	34'3	34'4	34'5	34'7	34'8	34'9		
52° 30'	32'9	33'0	33'1	33'2	33'4	33'5	33'6	33'7	33'8	34'0	34'1	34'2	34'3	34'5	34'6	34'7		
52° 45'	32'7	32'8	32'9	33'0	33'2	33'3	33'4	33'5	33'7	33'8	33'9	34'0	34'1	34'3	34'4	34'5		
53° 00'	32'5	32'6	32'7	32'9	33'0	33'1	33'2	33'3	33'5	33'6	33'7	33'8	33'9	34'1	34'2	34'3		
53° 15'	32'3	32'4	32'5	32'7	32'8	32'9	33'0	33'1	33'3	33'4	33'5	33'6	33'7	33'9	34'0	34'1		
53° 30'	32'1	32'2	32'4	32'5	32'6	32'7	32'8	33'0	33'1	33'2	33'3	33'4	33'5	33'7	33'8	33'9		
53° 45'	31'9	32'0	32'2	32'3	32'4	32'5	32'6	32'8	32'9	33'0	33'1	33'2	33'3	33'5	33'6	33'7		
54° 00'	31'7	31'9	32'0	32'1	32'2	32'3	32'4	32'6	32'7	32'8	32'9	33'0	33'2	33'3	33'4	33'5		
54° 15'	31'5	31'7	31'8	31'9	32'0	32'1	32'2	32'4	32'5	32'6	32'7	32'8	33'0	33'1	33'2	33'3		
54° 30'	31'4	31'5	31'6	31'7	31'8	31'9	32'1	32'2	32'3	32'4	32'5	32'6	32'8	32'9	33'0	33'1		
54° 45'	31'2	31'3	31'4	31'5	31'6	31'7	31'9	32'0	32'1	32'2	32'3	32'4	32'6	32'7	32'8	32'9		
55° 00'	31'0	31'1	31'2	31'3	31'4	31'5	31'7	31'8	31'9	32'0	32'1	32'2	32'3	32'5	32'6	32'7		
55° 15'	30'8	30'9	31'0	31'1	31'2	31'3	31'5	31'6	31'7	31'8	31'9	32'0	32'1	32'3	32'4	32'5		
55° 30'	30'6	30'7	30'8	30'9	31'0	31'2	31'3	31'4	31'5	31'6	31'7	31'8	31'9	32'1	32'2	32'3		
55° 45'	30'4	30'5	30'6	30'7	30'8	31'0	31'1	31'2	31'3	31'4	31'5	31'6	31'7	31'9	32'0	32'1		
56° 00'	30'2	30'3	30'4	30'5	30'6	30'8	30'9	31'0	31'1	31'2	31'3	31'4	31'5	31'6	31'8	31'9		
56° 15'	30'0	30'1	30'2	30'3	30'4	30'6	30'7	30'8	30'9	31'0	31'1	31'2	31'3	31'4	31'6	31'7		
56° 30'	29'8	29'9	30'0	30'1	30'2	30'4	30'5	30'6	30'7	30'8	30'9	31'0	31'1	31'2	31'3	31'5		
56° 45'	29'6	29'7	29'8	29'9	30'0	30'2	30'3	30'4	30'5	30'6	30'7	30'8	30'9	31'0	31'1	31'3		
57° 00'	29'4	29'5	29'6	29'7	29'8	30'0	30'1	30'2	30'3	30'4	30'5	30'6	30'7	30'8	30'9	31'0		
57° 15'	29'2	29'3	29'4	29'5	29'6	29'8	29'9	30'0	30'1	30'2	30'3	30'4	30'5	30'6	30'7	30'8		
57° 30'	29'0	29'1	29'2	29'3	29'4	29'6	29'7	29'8	29'9	30'0	30'1	30'2	30'3	30'4	30'5	30'6		
57° 45'	28'8	28'9	29'0	29'1	29'2	29'3	29'5	29'6	29'7	29'8	29'9	30'0	30'1	30'2	30'3	30'4		
58° 00'	28'6	28'7	28'8	28'9	29'0	29'1	29'3	29'4	29'5	29'6	29'7	29'8	29'9	30'0	30'1	30'2		
58° 15'	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'2	29'3	29'4	29'5	29'6	29'7	29'8	29'9	30'0		
58° 30'	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'2	29'3	29'4	29'5	29'6	29'7	29'8		
58° 45'	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'1	29'2	29'3	29'4	29'5	29'6		
59° 00'	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'2	29'3	29'4		
59° 15'	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'1		
59° 30'	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9		
59° 45'	27'2	27'3	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7		

Table for Parallax Correction (Moon)

HP 54.0' - 57.0'

Horizontal Parallax																
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
60° 00'	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9	28° 0	28° 1	28° 2	28° 3	28° 4	28° 5
60° 15'	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9	28° 0	28° 1	28° 2	28° 3
60° 30'	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9	28° 0	28° 1
60° 45'	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9
61° 00'	26° 2	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6
61° 15'	26° 0	26° 1	26° 2	26° 3	26° 4	26° 5	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4
61° 30'	25° 8	25° 9	26° 0	26° 1	26° 1	26° 2	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2
61° 45'	25° 6	25° 7	25° 7	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0
62° 00'	25° 4	25° 4	25° 5	25° 6	25° 7	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8
62° 15'	25° 1	25° 2	25° 3	25° 4	25° 5	25° 6	25° 7	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 5	26° 5
62° 30'	24° 9	25° 0	25° 1	25° 2	25° 3	25° 4	25° 5	25° 6	25° 7	25° 8	25° 9	25° 9	26° 0	26° 1	26° 2	26° 3
62° 45'	24° 7	24° 8	24° 9	25° 0	25° 1	25° 2	25° 3	25° 4	25° 5	25° 5	25° 6	25° 7	25° 8	25° 9	26° 0	26° 1
63° 00'	24° 5	24° 6	24° 7	24° 8	24° 9	25° 0	25° 1	25° 2	25° 2	25° 3	25° 4	25° 5	25° 6	25° 7	25° 8	25° 9
63° 15'	24° 3	24° 4	24° 5	24° 6	24° 7	24° 8	24° 8	24° 9	25° 0	25° 1	25° 2	25° 3	25° 4	25° 5	25° 6	25° 7
63° 30'	24° 1	24° 2	24° 3	24° 4	24° 5	24° 5	24° 6	24° 7	24° 8	24° 9	25° 0	25° 1	25° 2	25° 3	25° 3	25° 4
63° 45'	23° 9	24° 0	24° 1	24° 1	24° 2	24° 3	24° 4	24° 5	24° 6	24° 7	24° 8	24° 9	24° 9	25° 0	25° 1	25° 2
64° 00'	23° 7	23° 8	23° 8	23° 9	24° 0	24° 1	24° 2	24° 3	24° 4	24° 5	24° 5	24° 6	24° 7	24° 8	24° 9	25° 0
64° 15'	23° 5	23° 5	23° 6	23° 7	23° 8	23° 9	24° 0	24° 1	24° 2	24° 2	24° 3	24° 4	24° 5	24° 6	24° 7	24° 8
64° 30'	23° 2	23° 3	23° 4	23° 5	23° 6	23° 7	23° 8	23° 8	23° 9	24° 0	24° 1	24° 2	24° 3	24° 4	24° 5	24° 5
64° 45'	23° 0	23° 1	23° 2	23° 3	23° 4	23° 5	23° 5	23° 6	23° 7	23° 8	23° 9	24° 0	24° 1	24° 1	24° 2	24° 3
65° 00'	22° 8	22° 9	23° 0	23° 1	23° 2	23° 2	23° 3	23° 4	23° 5	23° 6	23° 7	23° 8	23° 8	23° 9	24° 0	24° 1
65° 15'	22° 6	22° 7	22° 8	22° 9	22° 9	23° 0	23° 1	23° 2	23° 3	23° 4	23° 4	23° 5	23° 6	23° 7	23° 8	23° 9
65° 30'	22° 4	22° 5	22° 6	22° 6	22° 7	22° 8	22° 9	23° 0	23° 1	23° 1	23° 2	23° 3	23° 4	23° 5	23° 6	23° 6
65° 45'	22° 2	22° 3	22° 3	22° 4	22° 5	22° 6	22° 7	22° 8	22° 8	22° 9	23° 0	23° 1	23° 2	23° 2	23° 3	23° 4
66° 00'	22° 0	22° 0	22° 1	22° 2	22° 3	22° 4	22° 5	22° 5	22° 6	22° 7	22° 8	22° 9	22° 9	23° 0	23° 1	23° 2
66° 15'	21° 7	21° 8	21° 9	22° 0	22° 1	22° 2	22° 2	22° 3	22° 4	22° 5	22° 6	22° 6	22° 7	22° 8	22° 9	23° 0
66° 30'	21° 5	21° 6	21° 7	21° 8	21° 9	21° 9	22° 0	22° 1	22° 2	22° 2	22° 3	22° 4	22° 5	22° 6	22° 6	22° 7
66° 45'	21° 3	21° 4	21° 5	21° 6	21° 6	21° 7	21° 8	21° 9	21° 9	22° 0	22° 1	22° 2	22° 3	22° 3	22° 4	22° 5
67° 00'	21° 1	21° 2	21° 3	21° 3	21° 4	21° 5	21° 6	21° 6	21° 7	21° 8	21° 9	22° 0	22° 0	22° 1	22° 2	22° 3
67° 15'	20° 9	21° 0	21° 0	21° 1	21° 2	21° 3	21° 3	21° 4	21° 5	21° 6	21° 7	21° 7	21° 8	21° 9	22° 0	22° 0
67° 30'	20° 7	20° 7	20° 8	20° 9	21° 0	21° 0	21° 1	21° 2	21° 3	21° 4	21° 4	21° 5	21° 6	21° 7	21° 7	21° 8
67° 45'	20° 4	20° 5	20° 6	20° 7	20° 7	20° 8	20° 9	21° 0	21° 1	21° 1	21° 2	21° 3	21° 4	21° 4	21° 5	21° 6
68° 00'	20° 2	20° 3	20° 4	20° 5	20° 5	20° 6	20° 7	20° 8	20° 8	20° 9	21° 0	21° 1	21° 1	21° 2	21° 3	21° 4
68° 15'	20° 0	20° 1	20° 2	20° 2	20° 3	20° 4	20° 5	20° 5	20° 6	20° 7	20° 8	20° 8	20° 9	21° 0	21° 0	21° 1
68° 30'	19° 8	19° 9	19° 9	20° 0	20° 1	20° 2	20° 2	20° 2	20° 3	20° 4	20° 5	20° 6	20° 7	20° 7	20° 8	20° 9
68° 45'	19° 6	19° 6	19° 7	19° 8	19° 9	19° 9	20° 0	20° 1	20° 2	20° 2	20° 3	20° 4	20° 4	20° 5	20° 6	20° 7
69° 00'	19° 4	19° 4	19° 5	19° 6	19° 6	19° 7	19° 8	19° 9	19° 9	20° 0	20° 1	20° 1	20° 2	20° 3	20° 4	20° 4
69° 15'	19° 1	19° 2	19° 3	19° 3	19° 4	19° 5	19° 6	19° 6	19° 7	19° 8	19° 8	19° 9	20° 0	20° 1	20° 2	20° 2
69° 30'	18° 9	19° 0	19° 1	19° 1	19° 2	19° 3	19° 3	19° 4	19° 5	19° 5	19° 6	19° 7	19° 8	19° 8	19° 9	20° 0
69° 45'	18° 7	18° 8	18° 8	18° 9	19° 0	19° 0	19° 1	19° 2	19° 2	19° 3	19° 4	19° 5	19° 5	19° 6	19° 7	19° 7
70° 00'	18° 5	18° 5	18° 6	18° 7	18° 7	18° 8	18° 9	18° 9	19° 0	19° 1	19° 2	19° 2	19° 3	19° 4	19° 4	19° 5
70° 15'	18° 2	18° 3	18° 4	18° 4	18° 5	18° 6	18° 7	18° 7	18° 8	18° 9	18° 9	19° 0	19° 1	19° 1	19° 2	19° 3
70° 30'	18° 0	18° 1	18° 2	18° 2	18° 3	18° 4	18° 4	18° 5	18° 6	18° 6	18° 7	18° 8	18° 8	18° 9	19° 0	19° 0
70° 45'	17° 8	17° 9	17° 9	18° 0	18° 1	18° 1	18° 2	18° 3	18° 3	18° 4	18° 5	18° 5	18° 6	18° 7	18° 7	18° 8
71° 00'	17° 6	17° 6	17° 7	17° 8	17° 8	17° 9	18° 0	18° 0	18° 1	18° 2	18° 2	18° 3	18° 4	18° 4	18° 5	18° 6
71° 15'	17° 4	17° 4	17° 5	17° 5	17° 6	17° 7	17° 7	17° 8	17° 9	17° 9	18° 0	18° 1	18° 1	18° 2	18° 3	18° 3
71° 30'	17° 1	17° 2	17° 3	17° 3	17° 4	17° 5	17° 5	17° 6	17° 6	17° 7	17° 8	17° 8	17° 9	18° 0	18° 0	18° 1
71° 45'	16° 9	17° 0	17° 1	17° 2	17° 2	17° 3	17° 3	17° 4	17° 5	17° 5	17° 6	17° 7	17° 7	17° 8	17° 8	17° 8
72° 00'	16° 7	16° 7	16° 8	16° 9	16° 9	17° 0	17° 1	17° 1	17° 2	17° 2	17° 3	17° 4	17° 4	17° 5	17° 6	17° 6
72° 15'	16° 5	16° 5	16° 6	16° 6	16° 7	16° 8	16° 8	16° 9	16° 9	17° 0	17° 1	17° 1	17° 2	17° 3	17° 3	17° 4
72° 30'	16° 2	16° 3	16° 4	16° 4	16° 5	16° 5	16° 6	16° 6	16° 7	16° 7	16° 8	16° 8	16° 9	17° 0	17° 0	17° 1
72° 45'	16° 0	16° 1	16° 2	16° 2	16° 3	16° 4	16° 4	16° 5	16° 5	16° 6	16° 6	16° 7	16° 7	16° 8	16° 8	16° 9
73° 00'	15° 8	15° 8	15° 9	16° 0	16° 0	16° 1	16° 1	16° 2	16° 3	16° 3	16° 4	16° 4	16° 5	16° 5	16° 6	16° 7
73° 15'	15° 6	15° 6	15° 7	15° 7	15° 8	15° 9	15° 9	16° 0	16° 0	16° 1	16° 1	16° 2	16° 3	16° 3	16° 4	16° 4
73° 30'	15° 3	15° 4	15° 4	15° 5	15° 6	15° 6	15° 7	15° 7	15° 8	15° 8	15° 9	15° 9	16° 0	16° 0	16° 1	16° 2
73° 45'	15° 1	15° 2	15° 2	15° 3	15° 3	15° 4	15° 4	15° 5	15° 6	15° 6	15° 7	15° 7	15° 8	15° 8	15° 9	15° 9
74° 00'	14° 9	14° 9	15° 0	15° 0	15° 1	15° 2	15° 2	15° 3	15° 3	15° 4	15° 4	15° 5	15° 5	15° 6	15° 7	15° 7
74° 15'	14° 7	14° 7	14° 8	14° 8	14° 9	14° 9	15° 0	15° 0	15° 1	15° 1	15° 2	15° 3	15° 3	15° 4	15° 4	15° 5
74° 30'	14° 4	14° 5	14° 5	14° 6	14° 6	14° 7	14° 8	14° 8	14° 9	14° 9	15° 0	15° 0	15° 1	15° 1	15° 2	15° 2
74° 45'	14° 2	14° 3</														

Table for Parallax Correction (Moon)

HP 54.0'-57.0'

Table for Parallax Correction (Moon)

HP 57.0'- 60.0'

Warning: This page has been generated by a computer program. Complex computer programs usually have bugs and may produce wrong data. The data on this page is believed to be accurate but no warranty is given for its correctness. Use it only for training and exercising!

Table for Parallax Correction (Moon)

HP 57.0'- 60.0'

Horizontal Parallax																		
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'		
Altitude																		
15° 00'	55' 1	55' 3	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0		
15° 15'	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7	57' 9		
15° 30'	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 0	57' 2	57' 4	57' 6	57' 8		
15° 45'	54' 9	55' 1	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 7		
16° 00'	54' 8	55' 0	55' 2	55' 4	55' 6	55' 8	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7		
16° 15'	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6		
16° 30'	54' 7	54' 8	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 1	57' 3	57' 5		
16° 45'	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5		
17° 00'	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4		
17° 15'	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3		
17° 30'	54' 4	54' 6	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 8	57' 0	57' 2		
17° 45'	54' 3	54' 5	54' 7	54' 9	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 1		
18° 00'	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1		
18° 15'	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0		
18° 30'	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 1	56' 3	56' 5	56' 7	56' 9		
18° 45'	54' 0	54' 2	54' 4	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 2	56' 4	56' 6	56' 8		
19° 00'	53' 9	54' 1	54' 3	54' 5	54' 7	54' 8	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 5	56' 7		
19° 15'	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 6		
19° 30'	53' 7	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 0	55' 2	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6		
19° 45'	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5		
20° 00'	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4		
20° 15'	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9	56' 1	56' 3		
20° 30'	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 6	55' 8	56' 0	56' 2		
20° 45'	53' 3	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9	56' 1		
21° 00'	53' 2	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 6	55' 8	56' 0		
21° 15'	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9		
21° 30'	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 6	55' 8		
21° 45'	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7		
22° 00'	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 4	55' 6		
22° 15'	52' 8	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5		
22° 30'	52' 7	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 2	55' 4		
22° 45'	52' 6	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 1	55' 3		
23° 00'	52' 5	52' 7	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 0	55' 2		
23° 15'	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	54' 9	55' 1		
23° 30'	52' 3	52' 5	52' 6	52' 8	53' 0	53' 2	53' 4	53' 6	53' 7	53' 9	54' 1	54' 3	54' 5	54' 7	54' 8	55' 0		
23° 45'	52' 2	52' 4	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6	54' 7	54' 9		
24° 00'	52' 1	52' 3	52' 4	52' 6	52' 8	53' 0	53' 2	53' 4	53' 5	53' 7	53' 9	54' 1	54' 3	54' 4	54' 6	54' 8		
24° 15'	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 1	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 3	54' 5	54' 7		
24° 30'	51' 9	52' 0	52' 2	52' 4	52' 6	52' 8	53' 0	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6		
24° 45'	51' 8	51' 9	52' 1	52' 3	52' 5	52' 7	52' 9	53' 0	53' 2	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5		
25° 00'	51' 7	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 8	54' 0	54' 2	54' 4		
25° 15'	51' 6	51' 7	51' 9	52' 1	52' 3	52' 5	52' 6	52' 8	53' 0	53' 2	53' 4	53' 5	53' 7	53' 9	54' 1	54' 3		
25° 30'	51' 4	51' 6	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 4	53' 6	53' 8	54' 0	54' 2		
25° 45'	51' 3	51' 5	51' 7	51' 9	52' 1	52' 2	52' 4	52' 6	52' 8	53' 0	53' 1	53' 3	53' 5	53' 7	53' 9	54' 0		
26° 00'	51' 2	51' 4	51' 6	51' 8	51' 9	52' 1	52' 3	52' 5	52' 7	52' 8	53' 0	53' 2	53' 4	53' 6	53' 7	53' 9		
26° 15'	51' 1	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8		
26° 30'	51' 0	51' 2	51' 4	51' 5	51' 7	51' 9	52' 1	52' 3	52' 4	52' 6	52' 8	53' 0	53' 2	53' 3	53' 5	53' 7		
26° 45'	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 7	52' 9	53' 0	53' 2	53' 4	53' 6		
27° 00'	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 9	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3	53' 5		
27° 15'	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 5	52' 6	52' 8	53' 0	53' 2	53' 3		
27° 30'	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 0	53' 2		
27° 45'	50' 4	50' 6	50' 8	51' 0	51' 2	51' 3	51' 5	51' 7	51' 9	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1		
28° 00'	50' 3	50' 5	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 4	52' 6	52' 8	53' 0		
28° 15'	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 7	52' 9		
28° 30'	50' 1	50' 3	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7		
28° 45'	50' 0	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 4	52' 6		
29° 00'	49' 9	50' 0	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5		
29° 15'	49' 7	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 3		
29° 30'	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 0	52' 2		
29° 45'	49' 5	49' 7	49' 8	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1		

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Table for Parallax Correction (Moon)

HP 57.0' - 60.0'

Horizontal Parallax																
Altitude	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
30° 00'	49' 4	49' 5	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0
30° 15'	49' 2	49' 4	49' 6	49' 8	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8
30° 30'	49' 1	49' 3	49' 5	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 4	51' 5	51' 7
30° 45'	49' 0	49' 2	49' 3	49' 5	49' 7	49' 8	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6
31° 00'	48' 9	49' 0	49' 2	49' 4	49' 5	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4
31° 15'	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 8	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3
31° 30'	48' 6	48' 8	48' 9	49' 1	49' 3	49' 5	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 6	50' 8	51' 0	51' 2
31° 45'	48' 5	48' 6	48' 8	49' 0	49' 1	49' 3	49' 5	49' 7	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 0
32° 00'	48' 3	48' 5	48' 7	48' 8	49' 0	49' 2	49' 4	49' 5	49' 7	49' 9	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9
32° 15'	48' 2	48' 4	48' 5	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6	50' 7
32° 30'	48' 1	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 3	49' 4	49' 6	49' 8	49' 9	50' 1	50' 3	50' 4	50' 6
32° 45'	47' 9	48' 1	48' 3	48' 4	48' 6	48' 8	48' 9	49' 1	49' 3	49' 5	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5
33° 00'	47' 8	48' 0	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 1	49' 3	49' 5	49' 6	49' 8	50' 0	50' 2	50' 3
33° 15'	47' 7	47' 8	48' 0	48' 2	48' 3	48' 5	48' 7	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 8	50' 0	50' 2
33° 30'	47' 5	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 9	49' 0	49' 2	49' 4	49' 5	49' 7	49' 9	50' 0
33° 45'	47' 4	47' 6	47' 7	47' 9	48' 1	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7	49' 9
34° 00'	47' 3	47' 4	47' 6	47' 8	47' 9	48' 1	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7
34° 15'	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9	48' 1	48' 3	48' 4	48' 6	48' 8	48' 9	49' 1	49' 3	49' 4	49' 6
34° 30'	47' 0	47' 1	47' 3	47' 5	47' 6	47' 8	48' 0	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 1	49' 3	49' 4
34° 45'	46' 8	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 1	49' 3
35° 00'	46' 7	46' 9	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 2	48' 3	48' 5	48' 7	48' 8	49' 0	49' 1
35° 15'	46' 5	46' 7	46' 9	47' 0	47' 2	47' 4	47' 5	47' 7	47' 9	48' 0	48' 2	48' 3	48' 5	48' 7	48' 8	49' 0
35° 30'	46' 4	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4	47' 5	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 8
35° 45'	46' 3	46' 4	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7
36° 00'	46' 1	46' 3	46' 4	46' 6	46' 8	46' 9	47' 1	47' 2	47' 4	47' 6	47' 7	47' 9	48' 1	48' 2	48' 4	48' 5
36° 15'	46' 0	46' 1	46' 3	46' 5	46' 6	46' 8	46' 9	47' 1	47' 3	47' 4	47' 6	47' 7	47' 9	48' 1	48' 2	48' 4
36° 30'	45' 8	46' 0	46' 1	46' 3	46' 5	46' 6	46' 8	46' 9	47' 1	47' 3	47' 4	47' 6	47' 7	47' 9	48' 1	48' 2
36° 45'	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9	48' 1
37° 00'	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9
37° 15'	45' 4	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 8
37° 30'	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6
37° 45'	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4
38° 00'	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3
38° 15'	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1
38° 30'	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0
38° 45'	44' 5	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8
39° 00'	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6
39° 15'	44' 1	44' 3	44' 4	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5
39° 30'	44' 0	44' 1	44' 3	44' 4	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1	46' 3
39° 45'	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1
40° 00'	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 7	45' 8	46' 0
40° 15'	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 6	45' 8
40° 30'	43' 3	43' 5	43' 6	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 6
40° 45'	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3	45' 5
41° 00'	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3
41° 15'	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 1
41° 30'	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 6	44' 8	44' 9
41° 45'	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 6	44' 8
42° 00'	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6
42° 15'	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4
42° 30'	42' 0	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2
42° 45'	41' 9	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1
43° 00'	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9
43° 15'	41' 5	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7
43° 30'	41' 3	41' 5	41' 6	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5
43° 45'	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 3
44° 00'	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2
44° 15'	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7	42' 8	43' 0
44° 30'	40' 7	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8
44° 45'	40' 5	40' 6</														

Table for Parallax Correction (Moon)

HP 57.0' - 60.0'

Horizontal Parallax																
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
Altitude																
45° 00'	40' 3	40' 4	40' 6	40' 7	40' 9	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4
45° 15'	40' 1	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 2
45° 30'	40' 0	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 1
45° 45'	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 9
46° 00'	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7
46° 15'	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5
46° 30'	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 2	41' 3
46° 45'	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1
47° 00'	38' 9	39' 0	39' 1	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9
47° 15'	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 5	40' 6	40' 7
47° 30'	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5
47° 45'	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3
48° 00'	38' 1	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1
48° 15'	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0
48° 30'	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8
48° 45'	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6
49° 00'	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4
49° 15'	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2
49° 30'	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0
49° 45'	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8
50° 00'	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6
50° 15'	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4
50° 30'	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 0	38' 2
50° 45'	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0
51° 00'	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 6	37' 8
51° 15'	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4	37' 6
51° 30'	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3
51° 45'	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1
52° 00'	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9
52° 15'	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7
52° 30'	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5
52° 45'	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3
53° 00'	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1
53° 15'	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9
53° 30'	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7
53° 45'	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5
54° 00'	33' 5	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 3
54° 15'	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1
54° 30'	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8
54° 45'	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6
55° 00'	32' 7	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4
55° 15'	32' 5	32' 6	32' 7	32' 8	32' 9	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2
55° 30'	32' 3	32' 4	32' 5	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 8	33' 9	34' 0
55° 45'	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 7	33' 8
56° 00'	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 6
56° 15'	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3
56° 30'	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1
56° 45'	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 5	32' 6	32' 7	32' 8	32' 9
57° 00'	31' 0	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 4	32' 5	32' 6	32' 7
57° 15'	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 5
57° 30'	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2
57° 45'	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0
58° 00'	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8
58° 15'	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 2	31' 3	31' 4	31' 5	31' 6
58° 30'	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3
58° 45'	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1
59° 00'	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9
59° 15'	29' 1	29' 2	29' 3	29' 4	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7
59° 30'	28' 9	29' 0	29' 1	2												

Table for Parallax Correction (Moon)

HP 57.0'- 60.0'

Altitude	Horizontal Parallax															
	57°' 0	57°' 2	57°' 4	57°' 6	57°' 8	58°' 0	58°' 2	58°' 4	58°' 6	58°' 8	59°' 0	59°' 2	59°' 4	59°' 6	59°' 8	60°' 0
60° 00'	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0
60° 15'	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8
60° 30'	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 2	29' 3	29' 4	29' 5
60° 45'	27' 9	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3
61° 00'	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1
61° 15'	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9
61° 30'	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 2	28' 3	28' 4	28' 5	28' 6
61° 45'	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4
62° 00'	26' 8	26' 9	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2
62° 15'	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 7	27' 8	27' 9
62° 30'	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7
62° 45'	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5
63° 00'	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 1	27' 2
63° 15'	25' 7	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 6	26' 7	26' 8	26' 9	27' 0
63° 30'	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8
63° 45'	25' 2	25' 3	25' 4	25' 5	25' 6	25' 7	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 4	26' 5
64° 00'	25' 0	25' 1	25' 2	25' 2	25' 3	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 0	26' 1	26' 2	26' 3
64° 15'	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1
64° 30'	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0	25' 1	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 7	25' 8	25' 8
64° 45'	24' 3	24' 4	24' 5	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 3	25' 4	25' 5	25' 6
65° 00'	24' 1	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6	24' 7	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4
65° 15'	23' 9	23' 9	24' 0	24' 1	24' 2	24' 3	24' 4	24' 4	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1
65° 30'	23' 6	23' 7	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9
65° 45'	23' 4	23' 5	23' 6	23' 7	23' 7	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4	24' 5	24' 6	24' 6
66° 00'	23' 2	23' 3	23' 3	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 2	24' 2	24' 3	24' 4
66° 15'	23' 0	23' 0	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 2
66° 30'	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9
66° 45'	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2	23' 3	23' 3	23' 4	23' 4	23' 5	23' 7
67° 00'	22' 3	22' 3	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 4
67° 15'	22' 0	22' 1	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2
67° 30'	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0
67° 45'	21' 6	21' 7	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 6	22' 6	22' 7
68° 00'	21' 4	21' 4	21' 5	21' 6	21' 7	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5
68° 15'	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 9	21' 9	22' 0	22' 1	22' 2	22' 2
68° 30'	20' 9	21' 0	21' 0	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0
68° 45'	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 2	21' 2	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 7
69° 00'	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5
69° 15'	20' 2	20' 3	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 8	20' 8	20' 9	21' 0	21' 0	21' 1	21' 2	21' 3
69° 30'	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0
69° 45'	19' 7	19' 8	19' 9	19' 9	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8
70° 00'	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 5	20' 5
70° 15'	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3
70° 30'	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0
70° 45'	18' 8	18' 9	18' 9	19' 0	19' 1	19' 1	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 6	19' 7	19' 8
71° 00'	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	18' 9	19' 0	19' 1	19' 1	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5
71° 15'	18' 3	18' 4	18' 4	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3
71° 30'	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 7	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0
71° 45'	17' 8	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 5	18' 6	18' 7	18' 8	18' 8
72° 00'	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 5
72° 15'	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3
72° 30'	17' 1	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9	18' 0	18' 0
72° 45'	16' 9	17' 0	17' 1	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8
73° 00'	16' 7	16' 7	16' 8	16' 8	16' 9	17' 0	17' 0	17' 1	17' 1	17' 2	17' 2	17' 3	17' 4	17' 4	17' 5	17' 5
73° 15'	16' 4	16' 5	16' 5	16' 6	16' 7	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0	17' 1	17' 1	17' 2	17' 2	17' 3
73° 30'	16' 2	16' 2	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0
73° 45'	15' 9	16' 0	16' 1	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 7	16' 8
74° 00'	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 0	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5
74° 15'	15' 5	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 9	15' 9	16' 0	16' 0	16' 1	16' 1	16' 2	16' 2	16' 3
74° 30'	15' 2	15' 3	15' 3	15' 4	15' 4	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0</td	

Table for Parallax Correction (Moon)

HP 57.0' - 60.0'

Horizontal Parallax																
Altitude	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
75° 00'	14'8	14'8	14'9	14'9	15'0	15'0	15'1	15'1	15'2	15'2	15'3	15'3	15'4	15'4	15'5	15'5
75° 15'	14'5	14'6	14'6	14'7	14'7	14'8	14'8	14'9	14'9	15'0	15'0	15'1	15'1	15'2	15'2	15'3
75° 30'	14'3	14'3	14'4	14'4	14'5	14'5	14'6	14'6	14'7	14'7	14'8	14'8	14'9	14'9	15'0	15'0
75° 45'	14'0	14'1	14'1	14'2	14'2	14'3	14'3	14'4	14'4	14'5	14'5	14'6	14'6	14'7	14'7	14'8
76° 00'	13'8	13'8	13'9	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'3	14'3	14'4	14'4	14'5	14'5
76° 15'	13'5	13'6	13'6	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'3
76° 30'	13'3	13'4	13'4	13'4	13'5	13'5	13'6	13'6	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0
76° 45'	13'1	13'1	13'2	13'2	13'2	13'3	13'3	13'4	13'4	13'5	13'5	13'6	13'6	13'7	13'7	13'8
77° 00'	12'8	12'9	12'9	13'0	13'0	13'0	13'1	13'1	13'2	13'2	13'3	13'3	13'4	13'4	13'5	13'5
77° 15'	12'6	12'6	12'7	12'7	12'8	12'8	12'8	12'9	12'9	13'0	13'0	13'1	13'1	13'2	13'2	13'2
77° 30'	12'3	12'4	12'4	12'5	12'5	12'6	12'6	12'6	12'7	12'7	12'8	12'8	12'9	12'9	13'0	13'0
77° 45'	12'1	12'1	12'2	12'2	12'3	12'3	12'3	12'4	12'4	12'5	12'5	12'6	12'6	12'7	12'7	12'7
78° 00'	11'9	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2	12'2	12'3	12'3	12'3	12'4	12'4	12'5
78° 15'	11'6	11'6	11'7	11'7	11'8	11'8	11'9	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2	12'2
78° 30'	11'4	11'4	11'4	11'5	11'5	11'6	11'6	11'6	11'7	11'7	11'8	11'8	11'8	11'9	11'9	12'0
78° 45'	11'1	11'2	11'2	11'2	11'3	11'3	11'4	11'4	11'4	11'5	11'5	11'6	11'6	11'7	11'7	11'7
79° 00'	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'1	11'2	11'2	11'3	11'3	11'3	11'4	11'4	11'4
79° 15'	10'6	10'7	10'7	10'7	10'8	10'8	10'9	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'2	11'2
79° 30'	10'4	10'4	10'5	10'5	10'5	10'6	10'6	10'6	10'7	10'7	10'8	10'8	10'8	10'9	10'9	10'9
79° 45'	10'1	10'2	10'2	10'2	10'3	10'3	10'4	10'4	10'4	10'5	10'5	10'5	10'6	10'6	10'6	10'7
80° 00'	09'9	09'9	10'0	10'0	10'0	10'1	10'1	10'1	10'2	10'2	10'2	10'3	10'3	10'3	10'4	10'4
80° 15'	09'7	09'7	09'7	09'8	09'8	09'8	09'9	09'9	09'9	10'0	10'0	10'0	10'1	10'1	10'1	10'2
80° 30'	09'4	09'4	09'5	09'5	09'5	09'6	09'6	09'6	09'7	09'7	09'7	09'8	09'8	09'8	09'9	09'9
80° 45'	09'2	09'2	09'2	09'3	09'3	09'3	09'4	09'4	09'4	09'5	09'5	09'5	09'5	09'6	09'6	09'6
81° 00'	08'9	08'9	09'0	09'0	09'0	09'1	09'1	09'1	09'2	09'2	09'2	09'3	09'3	09'3	09'4	09'4
81° 15'	08'7	08'7	08'7	08'8	08'8	08'8	08'9	08'9	08'9	08'9	09'0	09'0	09'0	09'1	09'1	09'1
81° 30'	08'4	08'5	08'5	08'5	08'5	08'6	08'6	08'6	08'7	08'7	08'7	08'7	08'8	08'8	08'8	08'9
81° 45'	08'2	08'2	08'2	08'3	08'3	08'3	08'4	08'4	08'4	08'4	08'5	08'5	08'5	08'6	08'6	08'6
82° 00'	07'9	08'0	08'0	08'0	08'0	08'1	08'1	08'1	08'2	08'2	08'2	08'2	08'3	08'3	08'3	08'3
82° 15'	07'7	07'7	07'7	07'8	07'8	07'8	07'8	07'9	07'9	07'9	08'0	08'0	08'0	08'0	08'1	08'1
82° 30'	07'4	07'5	07'5	07'5	07'5	07'6	07'6	07'6	07'6	07'7	07'7	07'7	07'8	07'8	07'8	07'8
82° 45'	07'2	07'2	07'2	07'3	07'3	07'3	07'3	07'4	07'4	07'4	07'4	07'5	07'5	07'5	07'5	07'6
83° 00'	06'9	07'0	07'0	07'0	07'0	07'1	07'1	07'1	07'2	07'2	07'2	07'2	07'3	07'3	07'3	07'3
83° 15'	06'7	06'7	06'7	06'8	06'8	06'8	06'9	06'9	06'9	06'9	06'9	07'0	07'0	07'0	07'0	07'1
83° 30'	06'5	06'5	06'5	06'5	06'5	06'6	06'6	06'6	06'7	06'7	06'7	06'7	06'7	06'8	06'8	06'8
83° 45'	06'2	06'2	06'2	06'3	06'3	06'3	06'3	06'4	06'4	06'4	06'4	06'4	06'5	06'5	06'5	06'5
84° 00'	06'0	06'0	06'0	06'0	06'0	06'1	06'1	06'1	06'1	06'1	06'2	06'2	06'2	06'3	06'3	06'3
84° 15'	05'7	05'7	05'8	05'8	05'8	05'8	05'9	05'9	05'9	05'9	05'9	05'9	06'0	06'0	06'0	06'0
84° 30'	05'5	05'5	05'5	05'5	05'5	05'6	05'6	05'6	05'6	05'6	05'7	05'7	05'7	05'7	05'8	05'8
84° 45'	05'2	05'2	05'3	05'3	05'3	05'3	05'3	05'4	05'4	05'4	05'4	05'4	05'5	05'5	05'5	05'5
85° 00'	05'0	05'0	05'0	05'0	05'0	05'1	05'1	05'1	05'1	05'1	05'1	05'2	05'2	05'2	05'2	05'2
85° 15'	04'7	04'7	04'8	04'8	04'8	04'8	04'8	04'9	04'9	04'9	04'9	04'9	04'9	04'9	05'0	05'0
85° 30'	04'5	04'5	04'5	04'5	04'5	04'6	04'6	04'6	04'6	04'6	04'6	04'6	04'7	04'7	04'7	04'7
85° 45'	04'2	04'2	04'3	04'3	04'3	04'3	04'3	04'3	04'4	04'4	04'4	04'4	04'4	04'4	04'4	04'4
86° 00'	04'0	04'0	04'0	04'0	04'0	04'0	04'1	04'1	04'1	04'1	04'1	04'1	04'1	04'1	04'2	04'2
86° 15'	03'7	03'7	03'8	03'8	03'8	03'8	03'8	03'8	03'8	03'8	03'9	03'9	03'9	03'9	03'9	03'9
86° 30'	03'5	03'5	03'5	03'5	03'5	03'5	03'6	03'6	03'6	03'6	03'6	03'6	03'6	03'6	03'7	03'7
86° 45'	03'2	03'2	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'4	03'4	03'4	03'4	03'4
87° 00'	03'0	03'0	03'0	03'0	03'0	03'0	03'1	03'1	03'1	03'1	03'1	03'1	03'1	03'1	03'1	03'1
87° 15'	02'7	02'7	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'9	02'9	02'9	02'9
87° 30'	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'6	02'6	02'6	02'6	02'6	02'6	02'6	02'6	02'6
87° 45'	02'2	02'2	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'4
88° 00'	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'1	02'1	02'1	02'1	02'1	02'1	02'1
88° 15'	01'7	01'7	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8
88° 30'	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'6	01'6	01'6	01'6
88° 45'	01'2	01'2	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3
89° 00'	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0
89° 15'	00'7	00'7	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8	00'8
89° 30'	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5
89° 45'	00'2	00'2	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3	00'3

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Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

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Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

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Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

Horizontal Parallax																		
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'		
Altitude																		
45° 00'	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 5		
45° 15'	42' 2	42' 4	42' 5	42' 7	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4		
45° 30'	42' 1	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 7	43' 9	44' 0	44' 2		
45° 45'	41' 9	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5	43' 7	43' 8	44' 0		
46° 00'	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	42' 9	43' 1	43' 2	43' 3	43' 5	43' 6	43' 8		
46° 15'	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9	43' 0	43' 1	43' 3	43' 4	43' 6		
46° 30'	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 2	43' 4		
46° 45'	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 0	43' 2		
47° 00'	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0		
47° 15'	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8		
47° 30'	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6		
47° 45'	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4		
48° 00'	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2		
48° 15'	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9		
48° 30'	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7		
48° 45'	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5		
49° 00'	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3		
49° 15'	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1		
49° 30'	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9		
49° 45'	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 4	40' 6	40' 7		
50° 00'	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 2	40' 4	40' 5		
50° 15'	38' 4	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3		
50° 30'	38' 2	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	39' 9	40' 1		
50° 45'	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9		
51° 00'	37' 8	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 6		
51° 15'	37' 6	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 4		
51° 30'	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2		
51° 45'	37' 1	37' 3	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0		
52° 00'	36' 9	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 5	38' 7	38' 8		
52° 15'	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 4	38' 6		
52° 30'	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4		
52° 45'	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 1		
53° 00'	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	37' 9		
53° 15'	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7		
53° 30'	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5		
53° 45'	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 0	37' 1	37' 3		
54° 00'	35' 3	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 0		
54° 15'	35' 1	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8		
54° 30'	34' 8	35' 0	35' 1	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6		
54° 45'	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 0	36' 1	36' 2	36' 4		
55° 00'	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 0	36' 1		
55° 15'	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	35' 9		
55° 30'	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7		
55° 45'	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5		
56° 00'	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2		
56° 15'	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0		
56° 30'	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8		
56° 45'	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5		
57° 00'	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3		
57° 15'	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1		
57° 30'	32' 2	32' 3	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8		
57° 45'	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6		
58° 00'	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4		
58° 15'	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 2		
58° 30'	31' 3	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9		
58° 45'	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7		
59° 00'	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4		
59° 15'	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2		
59° 30'	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0		
59° 45'	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7		

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Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

Horizontal Parallax																
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
Altitude																
60° 00'	30° 0	30° 1	30° 2	30° 3	30° 4	30° 5	30° 6	30° 7	30° 8	30° 9	31° 0	31° 1	31° 2	31° 3	31° 4	31° 5
60° 15'	29° 8	29° 9	30° 0	30° 1	30° 2	30° 3	30° 4	30° 5	30° 6	30° 7	30° 8	30° 9	31° 0	31° 1	31° 2	31° 3
60° 30'	29° 5	29° 6	29° 7	29° 8	29° 9	30° 0	30° 1	30° 2	30° 3	30° 4	30° 5	30° 6	30° 7	30° 8	30° 9	31° 0
60° 45'	29° 3	29° 4	29° 5	29° 6	29° 7	29° 8	29° 9	30° 0	30° 1	30° 2	30° 3	30° 4	30° 5	30° 6	30° 7	30° 8
61° 00'	29° 1	29° 2	29° 3	29° 4	29° 5	29° 6	29° 7	29° 8	29° 9	30° 0	30° 1	30° 2	30° 3	30° 3	30° 4	30° 5
61° 15'	28° 9	29° 0	29° 1	29° 1	29° 2	29° 3	29° 4	29° 5	29° 6	29° 7	29° 8	29° 9	30° 0	30° 1	30° 2	30° 3
61° 30'	28° 6	28° 7	28° 8	28° 9	29° 0	29° 1	29° 2	29° 3	29° 4	29° 5	29° 6	29° 7	29° 8	29° 9	30° 0	30° 1
61° 45'	28° 4	28° 5	28° 6	28° 7	28° 8	28° 9	29° 0	29° 1	29° 2	29° 2	29° 3	29° 4	29° 5	29° 6	29° 7	29° 8
62° 00'	28° 2	28° 3	28° 4	28° 4	28° 5	28° 6	28° 7	28° 8	28° 9	29° 0	29° 1	29° 2	29° 3	29° 4	29° 5	29° 6
62° 15'	27° 9	28° 0	28° 1	28° 2	28° 3	28° 4	28° 5	28° 6	28° 7	28° 8	28° 9	29° 0	29° 1	29° 1	29° 2	29° 3
62° 30'	27° 7	27° 8	27° 9	28° 0	28° 1	28° 2	28° 3	28° 4	28° 4	28° 5	28° 6	28° 7	28° 8	28° 9	29° 0	29° 1
62° 45'	27° 5	27° 6	27° 7	27° 7	27° 8	27° 9	28° 0	28° 1	28° 2	28° 3	28° 4	28° 5	28° 6	28° 7	28° 8	28° 8
63° 00'	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9	28° 0	28° 1	28° 1	28° 2	28° 3	28° 4	28° 5	28° 6
63° 15'	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 5	27° 6	27° 7	27° 8	27° 9	28° 0	28° 1	28° 2	28° 3	28° 4
63° 30'	26° 8	26° 9	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 8	27° 9	28° 0	28° 1
63° 45'	26° 5	26° 6	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2	27° 2	27° 3	27° 4	27° 5	27° 6	27° 7	27° 8	27° 9
64° 00'	26° 3	26° 4	26° 5	26° 6	26° 7	26° 7	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4	27° 4	27° 5	27° 6
64° 15'	26° 1	26° 2	26° 2	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8	26° 8	26° 9	27° 0	27° 1	27° 2	27° 3	27° 4
64° 30'	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 3	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9	26° 9	27° 0	27° 1
64° 45'	25° 6	25° 7	25° 8	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 4	26° 5	26° 6	26° 7	26° 8	26° 9
65° 00'	25° 4	25° 4	25° 5	25° 6	25° 7	25° 8	25° 9	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 5	26° 5	26° 6
65° 15'	25° 1	25° 2	25° 3	25° 4	25° 5	25° 5	25° 6	25° 7	25° 8	25° 9	26° 0	26° 1	26° 2	26° 3	26° 4	26° 4
65° 30'	24° 9	25° 0	25° 0	25° 1	25° 2	25° 3	25° 4	25° 5	25° 5	25° 6	25° 7	25° 8	25° 9	26° 0	26° 0	26° 1
65° 45'	24° 6	24° 7	24° 8	24° 9	25° 0	25° 1	25° 1	25° 2	25° 3	25° 4	25° 5	25° 5	25° 6	25° 7	25° 8	25° 9
66° 00'	24° 4	24° 5	24° 6	24° 6	24° 7	24° 8	24° 9	25° 0	25° 1	25° 1	25° 2	25° 3	25° 4	25° 5	25° 5	25° 6
66° 15'	24° 2	24° 2	24° 3	24° 4	24° 5	24° 6	24° 6	24° 7	24° 8	24° 9	25° 0	25° 0	25° 1	25° 2	25° 3	25° 4
66° 30'	23° 9	24° 0	24° 1	24° 2	24° 2	24° 3	24° 4	24° 5	24° 6	24° 6	24° 7	24° 8	24° 9	25° 0	25° 0	25° 1
66° 45'	23° 7	23° 8	23° 8	23° 9	24° 0	24° 1	24° 2	24° 2	24° 3	24° 4	24° 5	24° 6	24° 6	24° 7	24° 8	24° 9
67° 00'	23° 4	23° 5	23° 6	23° 7	23° 8	23° 8	23° 9	24° 0	24° 1	24° 1	24° 2	24° 3	24° 4	24° 5	24° 5	24° 6
67° 15'	23° 2	23° 3	23° 4	23° 4	23° 5	23° 6	23° 7	23° 7	23° 8	23° 9	24° 0	24° 1	24° 1	24° 2	24° 3	24° 4
67° 30'	23° 0	23° 0	23° 1	23° 2	23° 3	23° 3	23° 4	23° 5	23° 6	23° 6	23° 7	23° 8	23° 9	24° 0	24° 0	24° 1
67° 45'	22° 7	22° 8	22° 9	22° 9	23° 0	23° 1	23° 2	23° 2	23° 3	23° 4	23° 5	23° 6	23° 6	23° 7	23° 8	23° 9
68° 00'	22° 5	22° 6	22° 6	22° 7	22° 8	22° 8	22° 9	23° 0	23° 1	23° 1	23° 2	23° 3	23° 4	23° 4	23° 5	23° 6
68° 15'	22° 2	22° 3	22° 4	22° 5	22° 5	22° 6	22° 7	22° 8	22° 8	22° 9	23° 0	23° 0	23° 1	23° 2	23° 3	23° 3
68° 30'	22° 0	22° 1	22° 1	22° 2	22° 3	22° 4	22° 4	22° 5	22° 6	22° 6	22° 7	22° 8	22° 9	22° 9	23° 0	23° 1
68° 45'	21° 7	21° 8	21° 9	22° 0	22° 0	22° 1	22° 2	22° 3	22° 3	22° 4	22° 5	22° 5	22° 6	22° 7	22° 8	22° 8
69° 00'	21° 5	21° 6	21° 6	21° 7	21° 8	21° 9	21° 9	22° 0	22° 1	22° 1	22° 2	22° 3	22° 4	22° 4	22° 5	22° 6
69° 15'	21° 3	21° 3	21° 4	21° 5	21° 5	21° 6	21° 7	21° 8	21° 8	21° 9	22° 0	22° 0	22° 1	22° 2	22° 2	22° 3
69° 30'	21° 0	21° 1	21° 2	21° 2	21° 3	21° 4	21° 4	21° 5	21° 6	21° 6	21° 7	21° 8	21° 9	21° 9	22° 0	22° 1
69° 45'	20° 8	20° 8	20° 9	21° 0	21° 0	21° 1	21° 2	21° 3	21° 3	21° 4	21° 5	21° 5	21° 6	21° 7	21° 7	21° 8
70° 00'	20° 5	20° 6	20° 7	20° 7	20° 8	20° 9	20° 9	21° 0	21° 1	21° 1	21° 2	21° 3	21° 3	21° 4	21° 5	21° 5
70° 15'	20° 3	20° 3	20° 4	20° 5	20° 5	20° 6	20° 7	20° 7	20° 8	20° 9	20° 9	21° 0	21° 1	21° 2	21° 2	21° 3
70° 30'	20° 0	20° 1	20° 2	20° 2	20° 3	20° 4	20° 4	20° 5	20° 6	20° 6	20° 7	20° 8	20° 8	20° 9	21° 0	21° 0
70° 45'	19° 8	19° 8	19° 9	20° 0	20° 0	20° 1	20° 2	20° 2	20° 3	20° 4	20° 4	20° 5	20° 6	20° 6	20° 7	20° 8
71° 00'	19° 5	19° 6	19° 7	19° 7	19° 8	19° 9	19° 9	20° 0	20° 1	20° 1	20° 2	20° 2	20° 3	20° 4	20° 4	20° 5
71° 15'	19° 3	19° 3	19° 4	19° 5	19° 5	19° 6	19° 7	19° 8	19° 9	19° 9	19° 9	20° 0	20° 1	20° 1	20° 2	20° 2
71° 30'	19° 0	19° 1	19° 2	19° 2	19° 3	19° 4	19° 4	19° 5	19° 5	19° 6	19° 7	19° 8	19° 9	19° 9	20° 0	20° 0
71° 45'	18° 8	18° 9	18° 9	19° 0	19° 0	19° 1	19° 2	19° 2	19° 3	19° 4	19° 4	19° 5	19° 5	19° 6	19° 7	19° 7
72° 00'	18° 5	18° 6	18° 7	18° 7	18° 8	18° 8	18° 9	19° 0	19° 0	19° 1	19° 2	19° 2	19° 3	19° 3	19° 4	19° 5
72° 15'	18° 3	18° 4	18° 4	18° 5	18° 5	18° 6	18° 7	18° 7	18° 8	18° 8	18° 9	19° 0	19° 0	19° 1	19° 1	19° 2
72° 30'	18° 0	18° 1	18° 2	18° 2	18° 3	18° 3	18° 4	18° 5	18° 5	18° 6	18° 6	18° 7	18° 8	18° 8	18° 9	18° 9
72° 45'	17° 8	17° 9	17° 9	18° 0	18° 0	18° 1	18° 1	18° 2	18° 3	18° 3	18° 4	18° 4	18° 5	18° 6	18° 6	18° 7
73° 00'	17° 5	17° 6	17° 7	17° 7	17° 8	17° 8	17° 9	18° 0	18° 0	18° 1	18° 1	18° 2	18° 2	18° 3	18° 4	18° 4
73° 15'	17° 3	17° 3	17° 4	17° 5	17° 5	17° 6	17° 6	17° 7	17° 8	17° 8	17° 9	17° 9	18° 0	18° 0	18° 1	18° 2
73° 30'	17° 0	17° 1	17° 2	17° 2	17° 3	17° 3	17° 4	17° 4	17° 5	17° 6	17° 6	17° 7	17° 7	17° 8	17° 8	17° 9
73° 45'	16° 8	16° 8	16° 9	17° 0	17° 0	17° 1	17° 1	17° 2	17° 2	17° 3	17° 3	17° 4	17° 5	17° 5	17° 6	17° 6
74° 00'	16° 5	16° 6	16° 6	16° 7	16° 8	16° 8	16° 9	16° 9	17° 0	17° 0	17° 1	17° 1	17° 2	17° 3	17° 3	17° 4
74° 15'	16° 3	16° 3	16° 4	16° 4	16° 5	16° 6	16° 6	16° 7	16° 7	16° 8	16° 8	16° 9	16° 9	17° 0	17° 0	17° 1
74° 30'	16° 0	16° 1	16° 1	16° 2	16°											

Table for Parallax Correction (Moon)

HP 60.0'- 63.0'

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Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 54.0'- 57.0'

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**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 54.0' - 57.0'

Altitude	Horizontal Parallax															
	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
15° 00'	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 9	69' 1	69' 4	69' 6	69' 8	70' 1	70' 3	70' 6
15° 15'	66' 8	67' 1	67' 3	67' 6	67' 8	68' 1	68' 3	68' 5	68' 8	69' 0	69' 3	69' 5	69' 8	70' 0	70' 3	70' 5
15° 30'	66' 8	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 5	68' 7	69' 0	69' 2	69' 5	69' 7	70' 0	70' 2	70' 5
15° 45'	66' 7	66' 9	67' 2	67' 4	67' 7	67' 9	68' 2	68' 4	68' 7	68' 9	69' 2	69' 4	69' 7	69' 9	70' 1	70' 4
16° 00'	66' 6	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 8	69' 1	69' 3	69' 6	69' 8	70' 1	70' 3
16° 15'	66' 6	66' 8	67' 1	67' 3	67' 5	67' 8	68' 0	68' 3	68' 5	68' 8	69' 0	69' 3	69' 5	69' 8	70' 0	70' 3
16° 30'	66' 5	66' 7	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 5	68' 7	69' 0	69' 2	69' 4	69' 7	69' 9	70' 2
16° 45'	66' 4	66' 7	66' 9	67' 2	67' 4	67' 7	67' 9	68' 1	68' 4	68' 6	68' 9	69' 1	69' 4	69' 6	69' 9	70' 1
17° 00'	66' 4	66' 6	66' 8	67' 1	67' 3	67' 6	67' 8	68' 1	68' 3	68' 6	68' 8	69' 1	69' 3	69' 6	69' 8	70' 0
17° 15'	66' 3	66' 5	66' 8	67' 0	67' 3	67' 5	67' 8	68' 0	68' 3	68' 5	68' 7	69' 0	69' 2	69' 5	69' 7	70' 0
17° 30'	66' 2	66' 5	66' 7	67' 0	67' 2	67' 4	67' 7	67' 9	68' 2	68' 4	68' 7	68' 9	69' 2	69' 4	69' 7	69' 9
17° 45'	66' 1	66' 4	66' 6	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 8	69' 1	69' 3	69' 6	69' 8
18° 00'	66' 1	66' 3	66' 6	66' 8	67' 1	67' 3	67' 5	67' 8	68' 0	68' 3	68' 5	68' 8	69' 0	69' 3	69' 5	69' 7
18° 15'	66' 0	66' 2	66' 5	66' 7	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 4	68' 7	68' 9	69' 2	69' 4	69' 7
18° 30'	65' 9	66' 2	66' 4	66' 7	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 9	69' 1	69' 3	69' 6
18° 45'	65' 8	66' 1	66' 3	66' 6	66' 8	67' 1	67' 3	67' 6	67' 8	68' 0	68' 3	68' 5	68' 8	69' 0	69' 3	69' 5
19° 00'	65' 8	66' 0	66' 3	66' 5	66' 7	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 5	68' 7	68' 9	69' 2	69' 4
19° 15'	65' 7	65' 9	66' 2	66' 4	66' 7	66' 9	67' 2	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 9	69' 1	69' 3
19° 30'	65' 6	65' 9	66' 1	66' 3	66' 6	66' 8	67' 1	67' 3	67' 6	67' 8	68' 0	68' 3	68' 5	68' 8	69' 0	69' 3
19° 45'	65' 5	65' 8	66' 0	66' 3	66' 5	66' 8	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 5	68' 7	68' 9	69' 2
20° 00'	65' 5	65' 7	65' 9	66' 2	66' 4	66' 7	66' 9	67' 2	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 9	69' 1
20° 15'	65' 4	65' 6	65' 9	66' 1	66' 3	66' 6	66' 8	67' 1	67' 3	67' 6	67' 8	68' 0	68' 3	68' 5	68' 8	69' 0
20° 30'	65' 3	65' 5	65' 8	66' 0	66' 3	66' 5	66' 7	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2	68' 4	68' 7	68' 9
20° 45'	65' 2	65' 5	65' 7	65' 9	66' 2	66' 4	66' 7	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1	68' 4	68' 6	68' 8
21° 00'	65' 1	65' 4	65' 6	65' 9	66' 1	66' 3	66' 6	66' 8	67' 1	67' 3	67' 5	67' 8	68' 0	68' 3	68' 5	68' 7
21° 15'	65' 0	65' 3	65' 5	65' 8	66' 0	66' 2	66' 5	66' 7	67' 0	67' 2	67' 5	67' 7	67' 9	68' 2	68' 4	68' 7
21° 30'	65' 0	65' 2	65' 4	65' 7	65' 9	66' 2	66' 4	66' 6	66' 9	67' 1	67' 4	67' 6	67' 8	68' 1	68' 3	68' 6
21° 45'	64' 9	65' 1	65' 4	65' 6	65' 8	66' 1	66' 3	66' 6	66' 8	67' 0	67' 3	67' 5	67' 8	68' 0	68' 2	68' 5
22° 00'	64' 8	65' 0	65' 3	65' 5	65' 7	66' 0	66' 2	66' 5	66' 7	66' 9	67' 2	67' 4	67' 7	67' 9	68' 1	68' 4
22° 15'	64' 7	64' 9	65' 2	65' 4	65' 7	65' 9	66' 1	66' 4	66' 6	66' 9	67' 1	67' 3	67' 6	67' 8	68' 0	68' 3
22° 30'	64' 6	64' 8	65' 1	65' 3	65' 6	65' 8	66' 0	66' 3	66' 5	66' 8	67' 0	67' 2	67' 5	67' 7	68' 0	68' 2
22° 45'	64' 5	64' 8	65' 0	65' 2	65' 5	65' 7	65' 9	66' 2	66' 4	66' 7	66' 9	67' 1	67' 4	67' 6	67' 9	68' 1
23° 00'	64' 4	64' 7	64' 9	65' 1	65' 4	65' 6	65' 9	66' 1	66' 3	66' 6	66' 8	67' 0	67' 3	67' 5	67' 8	68' 0
23° 15'	64' 3	64' 6	64' 8	65' 0	65' 3	65' 5	65' 8	66' 0	66' 2	66' 5	66' 7	67' 0	67' 2	67' 4	67' 7	67' 9
23° 30'	64' 2	64' 5	64' 7	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 4	66' 6	66' 9	67' 1	67' 3	67' 6	67' 8
23° 45'	64' 1	64' 4	64' 6	64' 9	65' 1	65' 3	65' 6	65' 8	66' 0	66' 3	66' 5	66' 8	67' 0	67' 2	67' 5	67' 7
24° 00'	64' 0	64' 3	64' 5	64' 8	65' 0	65' 2	65' 5	65' 7	65' 9	66' 2	66' 4	66' 7	66' 9	67' 1	67' 4	67' 6
24° 15'	64' 0	64' 2	64' 4	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8	66' 1	66' 3	66' 6	66' 8	67' 0	67' 3	67' 5
24° 30'	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 3	65' 5	65' 7	66' 0	66' 2	66' 5	66' 7	66' 9	67' 2	67' 4
24° 45'	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 9	66' 1	66' 4	66' 6	66' 8	67' 1	67' 3
25° 00'	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 8	66' 0	66' 2	66' 5	66' 7	67' 0	67' 2
25° 15'	63' 6	63' 8	64' 0	64' 3	64' 5	64' 7	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 4	66' 6	66' 9	67' 1
25° 30'	63' 5	63' 7	63' 9	64' 2	64' 4	64' 6	64' 9	65' 1	65' 3	65' 6	65' 8	66' 0	66' 3	66' 5	66' 7	67' 0
25° 45'	63' 4	63' 6	63' 8	64' 1	64' 3	64' 5	64' 8	65' 0	65' 2	65' 5	65' 7	65' 9	66' 2	66' 4	66' 6	66' 9
26° 00'	63' 3	63' 5	63' 7	64' 0	64' 2	64' 4	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8	66' 1	66' 3	66' 5	66' 8
26° 15'	63' 1	63' 4	63' 6	63' 8	64' 1	64' 3	64' 5	64' 8	65' 0	65' 3	65' 5	65' 7	66' 0	66' 2	66' 4	66' 7
26° 30'	63' 0	63' 3	63' 5	63' 7	64' 0	64' 2	64' 4	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8	66' 1	66' 3	66' 5
26° 45'	62' 9	63' 2	63' 4	63' 6	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 3	65' 5	65' 7	66' 0	66' 2	66' 4
27° 00'	62' 8	63' 1	63' 3	63' 5	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 9	66' 1	66' 3
27° 15'	62' 7	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 3	65' 5	65' 7	66' 0	66' 2
27° 30'	62' 6	62' 8	63' 1	63' 3	63' 5	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 9	66' 1
27° 45'	62' 5	62' 7	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 7	66' 0
28° 00'	62' 4	62' 6	62' 9	63' 1	63' 3	63' 5	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 9
28° 15'	62' 3	62' 5	62' 7	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 7
28° 30'	62' 2	62' 4	62' 6	62' 9	63' 1	63' 3	63' 6	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6
28° 45'	62' 1	62' 3	62' 5	62' 7	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 0	65' 3	65' 5
29° 00'	61' 9	62' 2	62' 4	62' 6	62' 9	63' 1	63' 3	63' 6	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 2	65' 4
29° 15'	61' 8	62' 1	62' 3	62' 5	62' 7	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 3
29° 30'	61' 7	61' 9	62' 2	62' 4	62' 6	62' 9	63' 1	63' 3	63' 5	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 1

Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 54.0'- 57.0'

Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 54.0'- 57.0'

Horizontal Parallax																		
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'		
45° 00'	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 2	55' 4	55' 6	55' 8		
45° 15'	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5	55' 7		
45° 30'	52' 6	52' 8	53' 0	53' 1	53' 3	53' 5	53' 7	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3	55' 5		
45° 45'	52' 4	52' 6	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5	54' 7	54' 9	55' 1	55' 3		
46° 00'	52' 2	52' 4	52' 6	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 4	54' 5	54' 7	54' 9	55' 1		
46° 15'	52' 1	52' 2	52' 4	52' 6	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	54' 9		
46° 30'	51' 9	52' 1	52' 3	52' 5	52' 7	52' 8	53' 0	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8		
46° 45'	51' 7	51' 9	52' 1	52' 3	52' 5	52' 7	52' 9	53' 1	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6		
47° 00'	51' 5	51' 7	51' 9	52' 1	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 4		
47° 15'	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 8	54' 0	54' 2		
47° 30'	51' 2	51' 4	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 0		
47° 45'	51' 0	51' 2	51' 4	51' 6	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9		
48° 00'	50' 8	51' 0	51' 2	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7		
48° 15'	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5		
48° 30'	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3		
48° 45'	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1		
49° 00'	50' 1	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9		
49° 15'	50' 0	50' 1	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7		
49° 30'	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4	52' 5		
49° 45'	49' 6	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2	52' 4		
50° 00'	49' 4	49' 6	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 2		
50° 15'	49' 2	49' 4	49' 6	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 8	52' 0		
50° 30'	49' 1	49' 2	49' 4	49' 6	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 8		
50° 45'	48' 9	49' 1	49' 2	49' 4	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6		
51° 00'	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 9	51' 0	51' 2	51' 4		
51° 15'	48' 5	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2		
51° 30'	48' 3	48' 5	48' 7	48' 9	49' 0	49' 2	49' 4	49' 6	49' 8	49' 9	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0		
51° 45'	48' 1	48' 3	48' 5	48' 7	48' 9	49' 0	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 3	50' 5	50' 6	50' 8		
52° 00'	48' 0	48' 1	48' 3	48' 5	48' 7	48' 8	49' 0	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 3	50' 4	50' 6		
52° 15'	47' 8	48' 0	48' 1	48' 3	48' 5	48' 7	48' 8	49' 0	49' 2	49' 4	49' 5	49' 7	49' 9	50' 1	50' 3	50' 4		
52° 30'	47' 6	47' 8	47' 9	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 9	50' 1	50' 2		
52° 45'	47' 4	47' 6	47' 8	47' 9	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 9	50' 0		
53° 00'	47' 2	47' 4	47' 6	47' 7	47' 9	48' 1	48' 3	48' 4	48' 6	48' 8	49' 0	49' 1	49' 3	49' 5	49' 7	49' 8		
53° 15'	47' 0	47' 2	47' 4	47' 5	47' 7	47' 9	48' 1	48' 2	48' 4	48' 6	48' 8	48' 9	49' 1	49' 3	49' 5	49' 6		
53° 30'	46' 8	47' 0	47' 2	47' 4	47' 5	47' 7	47' 9	48' 0	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 3	49' 4		
53° 45'	46' 6	46' 8	47' 0	47' 2	47' 3	47' 5	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 9	49' 1	49' 2		
54° 00'	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 5	47' 7	47' 8	48' 0	48' 2	48' 3	48' 5	48' 7	48' 9	49' 0		
54° 15'	46' 3	46' 4	46' 6	46' 8	46' 9	47' 1	47' 3	47' 5	47' 6	47' 8	48' 0	48' 1	48' 3	48' 5	48' 7	48' 8		
54° 30'	46' 1	46' 2	46' 4	46' 6	46' 8	46' 9	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9	48' 1	48' 3	48' 5	48' 6		
54° 45'	45' 9	46' 0	46' 2	46' 4	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4	47' 6	47' 7	47' 9	48' 1	48' 3	48' 4		
55° 00'	45' 7	45' 9	46' 0	46' 2	46' 4	46' 5	46' 7	46' 9	47' 0	47' 2	47' 4	47' 5	47' 7	47' 9	48' 1	48' 2		
55° 15'	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 7	46' 8	47' 0	47' 2	47' 3	47' 5	47' 7	47' 9	48' 0		
55° 30'	45' 3	45' 5	45' 6	45' 8	46' 0	46' 1	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 5	47' 6	47' 8		
55° 45'	45' 1	45' 3	45' 4	45' 6	45' 8	45' 9	46' 1	46' 3	46' 4	46' 6	46' 8	46' 9	47' 1	47' 3	47' 4	47' 6		
56° 00'	44' 9	45' 1	45' 2	45' 4	45' 6	45' 7	45' 9	46' 1	46' 2	46' 4	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4		
56° 15'	44' 7	44' 9	45' 0	45' 2	45' 4	45' 5	45' 7	45' 9	46' 0	46' 2	46' 4	46' 5	46' 7	46' 9	47' 0	47' 2		
56° 30'	44' 5	44' 7	44' 8	45' 0	45' 2	45' 3	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 7	46' 8	47' 0		
56° 45'	44' 3	44' 5	44' 6	44' 8	45' 0	45' 1	45' 3	45' 5	45' 6	45' 8	46' 0	46' 1	46' 3	46' 5	46' 6	46' 8		
57° 00'	44' 1	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1	45' 3	45' 4	45' 6	45' 8	45' 9	46' 1	46' 2	46' 4	46' 6		
57° 15'	43' 9	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 1	45' 2	45' 4	45' 6	45' 7	45' 9	46' 0	46' 2	46' 4		
57° 30'	43' 7	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 7	45' 8	46' 0	46' 2		
57° 45'	43' 5	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3	45' 5	45' 6	45' 8	45' 9		
58° 00'	43' 3	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1	45' 3	45' 4	45' 6	45' 7		
58° 15'	43' 1	43' 3	43' 4	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 4	45' 5		
58° 30'	42' 9	43' 1	43' 2	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 2	45' 3		
58° 45'	42' 7	42' 9	43' 0	43' 2	43' 4	43' 5	43' 7	43' 8	44' 0	44' 2	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1		
59° 00'	42' 5	42' 7	42' 8	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9		
59° 15'	42' 3	42' 5	42' 6	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 4	44' 5	44' 7		
59° 30'	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 1	43' 2	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 5		
59° 45'	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2		

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 54.0°- 57.0°

Altitude	Horizontal Parallax															
	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
60° 00'	41' 7	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0
60° 15'	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2	43' 4	43' 5	43' 7	43' 8
60° 30'	41' 3	41' 5	41' 6	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6
60° 45'	41' 1	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 4
61° 00'	40' 9	41' 0	41' 2	41' 3	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2
61° 15'	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9
61° 30'	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7
61° 45'	40' 3	40' 4	40' 6	40' 7	40' 9	41' 0	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5
62° 00'	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3
62° 15'	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 9	41' 0	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 1
62° 30'	39' 6	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 9
62° 45'	39' 4	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3	41' 5	41' 6
63° 00'	39' 2	39' 4	39' 5	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4
63° 15'	39' 0	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2
63° 30'	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8	41' 0
63° 45'	38' 6	38' 7	38' 9	39' 0	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 5	40' 6	40' 7
64° 00'	38' 4	38' 5	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5
64° 15'	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3
64° 30'	38' 0	38' 1	38' 2	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 1
64° 45'	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 6	39' 7	39' 8
65° 00'	37' 5	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6
65° 15'	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 3	39' 4
65° 30'	37' 1	37' 2	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2
65° 45'	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9
66° 00'	36' 7	36' 8	36' 9	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7
66° 15'	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 4	38' 5
66° 30'	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3
66° 45'	36' 0	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0
67° 00'	35' 8	35' 9	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8
67° 15'	35' 6	35' 7	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6
67° 30'	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3
67° 45'	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1
68° 00'	34' 9	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9
68° 15'	34' 7	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7
68° 30'	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4
68° 45'	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 1	36' 2
69° 00'	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0
69° 15'	33' 8	34' 0	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7
69° 30'	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5
69° 45'	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 3
70° 00'	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0
70° 15'	33' 0	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8
70° 30'	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6
70° 45'	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3
71° 00'	32' 3	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1
71° 15'	32' 1	32' 2	32' 3	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 3	33' 4	33' 5	33' 6	33' 7	33' 9
71° 30'	31' 8	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 3	33' 4	33' 5	33' 6
71° 45'	31' 6	31' 7	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 3	33' 4
72° 00'	31' 4	31' 5	31' 6	31' 7	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1
72° 15'	31' 2	31' 3	31' 4	31' 5	31' 6	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9
72° 30'	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7
72° 45'	30' 7	30' 8	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4
73° 00'	30' 5	30' 6	30' 7	30' 8	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	32' 0	32' 1	32' 2	32' 3
73° 15'	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	32' 0
73° 30'	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7
73° 45'	29' 8	29' 9	30' 0	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 3	31' 4	31' 5
74° 00'	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2
74° 15'	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0
74° 30'	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 7	30' 8

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 54.0' - 57.0'

Horizontal Parallax																
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
75° 00'	28'7	28'8	28'9	29'0	29'1	29'2	29'3	29'4	29'5	29'6	29'8	29'9	30'0	30'1	30'2	30'3
75° 15'	28'5	28'6	28'7	28'8	28'9	29'0	29'1	29'2	29'3	29'4	29'5	29'6	29'7	29'8	29'9	30'0
75° 30'	28'2	28'3	28'4	28'5	28'7	28'8	28'9	29'0	29'1	29'2	29'3	29'4	29'5	29'6	29'7	29'8
75° 45'	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'1	29'3	29'4	29'5	29'6
76° 00'	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'1	29'2	29'3
76° 15'	27'5	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8	28'9	29'0	29'1
76° 30'	27'3	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6	28'7	28'8
76° 45'	27'1	27'2	27'3	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4	28'5	28'6
77° 00'	26'9	27'0	27'1	27'2	27'3	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1	28'2	28'3	28'4
77° 15'	26'6	26'7	26'8	26'9	27'0	27'1	27'2	27'3	27'4	27'5	27'6	27'7	27'8	27'9	28'0	28'1
77° 30'	26'4	26'5	26'6	26'7	26'8	26'9	27'0	27'1	27'2	27'3	27'4	27'5	27'6	27'7	27'8	27'9
77° 45'	26'2	26'3	26'4	26'5	26'6	26'7	26'8	26'9	27'0	27'1	27'2	27'3	27'4	27'5	27'6	27'7
78° 00'	25'9	26'0	26'1	26'2	26'3	26'4	26'5	26'6	26'7	26'8	26'9	27'0	27'1	27'2	27'3	27'4
78° 15'	25'7	25'8	25'9	26'0	26'1	26'2	26'3	26'4	26'5	26'6	26'7	26'8	26'9	26'9	27'0	27'1
78° 30'	25'5	25'6	25'7	25'8	25'9	26'0	26'0	26'1	26'2	26'3	26'4	26'5	26'6	26'7	26'8	26'9
78° 45'	25'2	25'3	25'4	25'5	25'6	25'7	25'8	25'9	26'0	26'1	26'2	26'3	26'4	26'5	26'6	26'7
79° 00'	25'0	25'1	25'2	25'3	25'4	25'5	25'6	25'7	25'8	25'9	25'9	26'0	26'1	26'2	26'3	26'4
79° 15'	24'8	24'9	25'0	25'1	25'2	25'2	25'3	25'4	25'5	25'6	25'7	25'8	25'9	26'0	26'1	26'2
79° 30'	24'6	24'6	24'7	24'8	24'9	25'0	25'1	25'2	25'3	25'4	25'5	25'6	25'6	25'7	25'8	25'9
79° 45'	24'3	24'4	24'5	24'6	24'7	24'8	24'9	25'0	25'0	25'1	25'2	25'3	25'4	25'5	25'6	25'7
80° 00'	24'1	24'2	24'3	24'4	24'4	24'5	24'6	24'7	24'8	24'9	25'0	25'1	25'2	25'3	25'3	25'4
80° 15'	23'9	23'9	24'0	24'1	24'2	24'3	24'4	24'5	24'6	24'7	24'7	24'8	24'9	25'0	25'1	25'2
80° 30'	23'6	23'7	23'8	23'9	24'0	24'1	24'2	24'2	24'3	24'4	24'5	24'6	24'7	24'8	24'9	24'9
80° 45'	23'4	23'5	23'6	23'7	23'7	23'8	23'9	24'0	24'1	24'2	24'3	24'3	24'4	24'5	24'6	24'7
81° 00'	23'2	23'2	23'3	23'4	23'5	23'6	23'7	23'8	23'8	23'9	24'0	24'1	24'2	24'3	24'4	24'4
81° 15'	22'9	23'0	23'1	23'2	23'3	23'4	23'4	23'5	23'6	23'7	23'8	23'9	23'9	24'0	24'1	24'2
81° 30'	22'7	22'8	22'9	22'9	23'0	23'1	23'2	23'3	23'4	23'5	23'5	23'6	23'7	23'8	23'9	24'0
81° 45'	22'5	22'5	22'6	22'7	22'8	22'9	23'0	23'0	23'1	23'2	23'3	23'4	23'5	23'5	23'6	23'7
82° 00'	22'2	22'3	22'4	22'5	22'6	22'6	22'7	22'8	22'9	23'0	23'1	23'1	23'2	23'3	23'4	23'5
82° 15'	22'0	22'1	22'2	22'2	22'3	22'4	22'5	22'6	22'6	22'7	22'8	22'9	23'0	23'1	23'1	23'2
82° 30'	21'8	21'8	21'9	22'0	22'1	22'2	22'2	22'3	22'4	22'5	22'6	22'6	22'7	22'8	22'9	23'0
82° 45'	21'5	21'6	21'7	21'8	21'8	21'9	22'0	22'1	22'2	22'2	22'3	22'4	22'5	22'6	22'6	22'7
83° 00'	21'3	21'4	21'5	21'5	21'6	21'7	21'8	21'8	21'9	22'0	22'1	22'2	22'2	22'3	22'4	22'5
83° 15'	21'1	21'1	21'2	21'3	21'4	21'5	21'5	21'6	21'7	21'8	21'8	21'9	22'0	22'1	22'2	22'2
83° 30'	20'8	20'9	21'0	21'1	21'1	21'2	21'3	21'4	21'4	21'5	21'6	21'7	21'8	21'8	21'9	22'0
83° 45'	20'6	20'7	20'7	20'8	20'9	21'0	21'1	21'1	21'2	21'3	21'4	21'4	21'5	21'6	21'7	21'7
84° 00'	20'4	20'4	20'5	20'6	20'7	20'7	20'8	20'9	21'0	21'0	21'1	21'2	21'3	21'3	21'4	21'5
84° 15'	20'1	20'2	20'3	20'3	20'4	20'5	20'6	20'6	20'7	20'8	20'9	20'9	21'0	21'1	21'2	21'2
84° 30'	19'9	20'0	20'0	20'1	20'2	20'3	20'3	20'4	20'5	20'6	20'6	20'7	20'8	20'8	20'9	21'0
84° 45'	19'7	19'7	19'8	19'9	19'9	20'0	20'1	20'2	20'2	20'3	20'4	20'5	20'5	20'6	20'7	20'7
85° 00'	19'4	19'5	19'6	19'6	19'7	19'8	19'9	19'9	20'0	20'1	20'1	20'2	20'3	20'4	20'4	20'5
85° 15'	19'2	19'3	19'3	19'4	19'5	19'5	19'6	19'7	19'8	19'8	19'9	20'0	20'0	20'1	20'2	20'3
85° 30'	19'0	19'0	19'1	19'2	19'2	19'3	19'4	19'4	19'5	19'6	19'7	19'7	19'8	19'9	19'9	20'0
85° 45'	18'7	18'8	18'9	18'9	19'0	19'1	19'1	19'2	19'3	19'3	19'4	19'5	19'5	19'6	19'7	19'8
86° 00'	18'5	18'5	18'6	18'7	18'8	18'8	18'9	19'0	19'0	19'1	19'2	19'2	19'3	19'4	19'4	19'5
86° 15'	18'2	18'3	18'4	18'4	18'5	18'6	18'7	18'7	18'8	18'9	18'9	19'0	19'1	19'1	19'2	19'3
86° 30'	18'0	18'1	18'1	18'2	18'3	18'3	18'4	18'5	18'5	18'6	18'7	18'7	18'8	18'9	18'9	19'0
86° 45'	17'8	17'8	17'9	18'0	18'0	18'1	18'2	18'2	18'3	18'4	18'4	18'5	18'6	18'6	18'7	18'8
87° 00'	17'5	17'6	17'7	17'7	17'8	17'9	17'9	18'0	18'1	18'1	18'2	18'3	18'3	18'4	18'4	18'5
87° 15'	17'3	17'4	17'4	17'5	17'6	17'6	17'7	17'8	17'8	17'9	17'9	18'0	18'1	18'1	18'2	18'3
87° 30'	17'1	17'1	17'2	17'3	17'3	17'4	17'4	17'5	17'6	17'6	17'7	17'8	17'8	17'9	18'0	18'0
87° 45'	16'8	16'9	17'0	17'0	17'1	17'1	17'2	17'2	17'3	17'4	17'5	17'5	17'6	17'6	17'7	17'8
88° 00'	16'6	16'7	16'7	16'8	16'8	16'9	17'0	17'0	17'1	17'2	17'2	17'3	17'3	17'4	17'5	17'5
88° 15'	16'4	16'4	16'5	16'5	16'6	16'7	16'7	16'8	16'8	16'9	17'0	17'0	17'1	17'2	17'2	17'3
88° 30'	16'1	16'2	16'2	16'3	16'4	16'4	16'5	16'5	16'6	16'7	16'7	16'8	16'8	16'9	17'0	17'0
88° 45'	15'9	16'0	16'0	16'1	16'1	16'2	16'2	16'3	16'4	16'4	16'5	16'5	16'6	16'7	16'7	16'8
89° 00'	15'7	15'7	15'8	15'8	15'9	15'9	16'0	16'1	16'1	16'2	16'2	16'3	16'4	16'4	16'5	16'5
89° 15'	15'4	15'5	15'5	15'6	15'6	15'7	15'8	15'8	15'9	15'9	16'0	16'0	16'1	16'2	16'2	16'3
89° 30'	15'2	15'2	15'3	15'4	15'4	15'5	15'5	15'6	15'6	15'7	15'7	15'8	15'9	15'9	16'0	16'0
89° 45'	14'9	15'0	15'1	15'1	15'2	15'2	15'3	15'3	15'4	15'4	15'5	15'6	15'6	15'7	15'7	15'8

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Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 57.0'- 60.0'

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Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 57.0'- 60.0'

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**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 57.0' - 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
30° 00'	64' 9	65' 1	65' 4	65' 6	65' 8	66' 0	66' 3	66' 5	66' 7	66' 9	67' 2	67' 4	67' 6	67' 9	68' 1	68' 3
30° 15'	64' 8	65' 0	65' 2	65' 5	65' 7	65' 9	66' 1	66' 4	66' 6	66' 8	67' 0	67' 3	67' 5	67' 7	68' 0	68' 2
30° 30'	64' 6	64' 9	65' 1	65' 3	65' 6	65' 8	66' 0	66' 2	66' 5	66' 7	66' 9	67' 1	67' 4	67' 6	67' 8	68' 0
30° 45'	64' 5	64' 7	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 3	66' 6	66' 8	67' 0	67' 2	67' 5	67' 7	67' 9
31° 00'	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 7	66' 0	66' 2	66' 4	66' 7	66' 9	67' 1	67' 3	67' 6	67' 8
31° 15'	64' 3	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 8	66' 1	66' 3	66' 5	66' 7	67' 0	67' 2	67' 4	67' 6
31° 30'	64' 1	64' 4	64' 6	64' 8	65' 0	65' 3	65' 5	65' 7	65' 9	66' 2	66' 4	66' 6	66' 8	67' 1	67' 3	67' 5
31° 45'	64' 0	64' 2	64' 5	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8	66' 0	66' 2	66' 5	66' 7	66' 9	67' 1	67' 4
32° 00'	63' 9	64' 1	64' 3	64' 5	64' 8	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 3	66' 6	66' 8	67' 0	67' 2
32° 15'	63' 7	64' 0	64' 2	64' 4	64' 6	64' 9	65' 1	65' 3	65' 5	65' 8	66' 0	66' 2	66' 4	66' 6	66' 9	67' 1
32° 30'	63' 6	63' 8	64' 1	64' 3	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 8	66' 1	66' 3	66' 5	66' 7	67' 0
32° 45'	63' 5	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 0	65' 3	65' 5	65' 7	65' 9	66' 1	66' 4	66' 6	66' 8
33° 00'	63' 3	63' 6	63' 8	64' 0	64' 2	64' 4	64' 7	64' 9	65' 1	65' 3	65' 6	65' 8	66' 0	66' 2	66' 4	66' 7
33° 15'	63' 2	63' 4	63' 6	63' 9	64' 1	64' 3	64' 5	64' 8	65' 0	65' 2	65' 4	65' 6	65' 9	66' 1	66' 3	66' 5
33° 30'	63' 1	63' 3	63' 5	63' 7	63' 9	64' 2	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 7	65' 9	66' 2	66' 4
33° 45'	62' 9	63' 1	63' 4	63' 6	63' 8	64' 0	64' 3	64' 5	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8	66' 0	66' 2
34° 00'	62' 8	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1
34° 15'	62' 6	62' 9	63' 1	63' 3	63' 5	63' 7	64' 0	64' 2	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5	65' 7	65' 9
34° 30'	62' 5	62' 7	62' 9	63' 2	63' 4	63' 6	63' 8	64' 0	64' 3	64' 5	64' 7	64' 9	65' 1	65' 4	65' 6	65' 8
34° 45'	62' 4	62' 6	62' 8	63' 0	63' 2	63' 5	63' 7	63' 9	64' 1	64' 3	64' 6	64' 8	65' 0	65' 2	65' 4	65' 6
35° 00'	62' 2	62' 4	62' 7	62' 9	63' 1	63' 3	63' 5	63' 8	64' 0	64' 2	64' 4	64' 6	64' 8	65' 1	65' 3	65' 5
35° 15'	62' 1	62' 3	62' 5	62' 7	63' 0	63' 2	63' 4	63' 6	63' 8	64' 0	64' 3	64' 5	64' 7	64' 9	65' 1	65' 3
35° 30'	61' 9	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5	64' 8	65' 0	65' 2
35° 45'	61' 8	62' 0	62' 2	62' 4	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	64' 0	64' 2	64' 4	64' 6	64' 8	65' 0
36° 00'	61' 6	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 2	63' 4	63' 6	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9
36° 15'	61' 5	61' 7	61' 9	62' 1	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7
36° 30'	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 2	64' 4	64' 6
36° 45'	61' 2	61' 4	61' 6	61' 8	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1	63' 4	63' 6	63' 8	64' 0	64' 2	64' 4
37° 00'	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6	63' 8	64' 1	64' 3
37° 15'	60' 9	61' 1	61' 3	61' 5	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 3	63' 5	63' 7	63' 9	64' 1
37° 30'	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 5	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	64' 0
37° 45'	60' 6	60' 8	61' 0	61' 2	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 2	63' 4	63' 6	63' 8
38° 00'	60' 4	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6
38° 15'	60' 3	60' 5	60' 7	60' 9	61' 1	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 3	63' 5
38° 30'	60' 1	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 3	62' 5	62' 7	62' 9	63' 1	63' 3
38° 45'	60' 0	60' 2	60' 4	60' 6	60' 8	61' 0	61' 2	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1
39° 00'	59' 8	60' 0	60' 2	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 6	62' 8	63' 0
39° 15'	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8
39° 30'	59' 5	59' 7	59' 9	60' 1	60' 3	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6
39° 45'	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 9	62' 1	62' 3	62' 5
40° 00'	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3
40° 15'	59' 0	59' 2	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1
40° 30'	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 4	61' 6	61' 8	62' 0
40° 45'	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9	60' 2	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8
41° 00'	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6
41° 15'	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 6	60' 8	61' 1	61' 3	61' 5
41° 30'	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3
41° 45'	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1
42° 00'	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9
42° 15'	57' 7	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	60' 0	60' 2	60' 4	60' 6	60' 8
42° 30'	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 6
42° 45'	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4
43° 00'	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2
43° 15'	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9	60' 1
43° 30'	56' 9	57' 1	57' 3	57' 5	57' 7	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7	59' 9
43° 45'	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5	59' 7
44° 00'	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3	59' 5
44° 15'	56' 4	56' 6	56' 8	57' 0	57' 2	57' 3	57' 5	57' 7	57' 9	58' 1	58' 3	58' 5	58' 7	58' 9	59' 1	59' 3
44° 30'	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 57.0' - 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
45° 00'	55' 8	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8
45° 15'	55' 7	55' 9	56' 1	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6
45° 30'	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4
45° 45'	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2
46° 00'	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 4	57' 6	57' 8	58' 0
46° 15'	54' 9	55' 1	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5	57' 6	57' 8
46° 30'	54' 8	55' 0	55' 2	55' 3	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7
46° 45'	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5
47° 00'	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 3
47° 15'	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1
47° 30'	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7	56' 9
47° 45'	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5	56' 7
48° 00'	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5
48° 15'	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3
48° 30'	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9	56' 1
48° 45'	53' 1	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 4	55' 5	55' 7	55' 9
49° 00'	52' 9	53' 1	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5	55' 7
49° 15'	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	55' 0	55' 1	55' 3	55' 5
49° 30'	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 7	53' 8	54' 0	54' 2	54' 4	54' 6	54' 8	54' 9	55' 1	55' 3
49° 45'	52' 4	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 4	54' 6	54' 7	54' 9	55' 1
50° 00'	52' 2	52' 4	52' 5	52' 7	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 4	54' 5	54' 7	54' 9
50° 15'	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 1	53' 3	53' 4	53' 6	53' 8	54' 0	54' 2	54' 4	54' 5	54' 7
50° 30'	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 1	53' 2	53' 4	53' 6	53' 8	54' 0	54' 2	54' 3	54' 5
50° 45'	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 7	52' 9	53' 0	53' 2	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3
51° 00'	51' 4	51' 6	51' 8	51' 9	52' 1	52' 3	52' 5	52' 7	52' 8	53' 0	53' 2	53' 4	53' 6	53' 7	53' 9	54' 1
51° 15'	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 5	52' 6	52' 8	53' 0	53' 2	53' 4	53' 5	53' 7	53' 9
51° 30'	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 4	52' 6	52' 8	53' 0	53' 2	53' 3	53' 5	53' 7
51° 45'	50' 8	51' 0	51' 2	51' 4	51' 5	51' 7	51' 9	52' 1	52' 2	52' 4	52' 6	52' 8	53' 0	53' 1	53' 3	53' 5
52° 00'	50' 6	50' 8	51' 0	51' 2	51' 3	51' 5	51' 7	51' 9	52' 0	52' 2	52' 4	52' 6	52' 8	52' 9	53' 1	53' 3
52° 15'	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1
52° 30'	50' 2	50' 4	50' 6	50' 8	50' 9	51' 1	51' 3	51' 5	51' 6	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9
52° 45'	50' 0	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 7
53° 00'	49' 8	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 8	51' 9	52' 1	52' 3	52' 5
53° 15'	49' 6	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 9	51' 0	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 2
53° 30'	49' 4	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 3	51' 5	51' 7	51' 9	52' 0
53° 45'	49' 2	49' 4	49' 6	49' 8	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8
54° 00'	49' 0	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6	50' 8	50' 9	51' 1	51' 3	51' 4	51' 6
54° 15'	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 9	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4
54° 30'	48' 6	48' 8	49' 0	49' 1	49' 3	49' 5	49' 7	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2
54° 45'	48' 4	48' 6	48' 8	48' 9	49' 1	49' 3	49' 4	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 6	50' 8	51' 0
55° 00'	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8
55° 15'	48' 0	48' 2	48' 4	48' 5	48' 7	48' 9	49' 0	49' 2	49' 4	49' 5	49' 7	49' 9	50' 0	50' 2	50' 4	50' 5
55° 30'	47' 8	48' 0	48' 2	48' 3	48' 5	48' 7	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 8	50' 0	50' 2	50' 3
55° 45'	47' 6	47' 8	47' 9	48' 1	48' 3	48' 4	48' 6	48' 8	48' 9	49' 1	49' 3	49' 4	49' 6	49' 8	49' 9	50' 1
56° 00'	47' 4	47' 6	47' 7	47' 9	48' 1	48' 2	48' 4	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7	49' 9
56° 15'	47' 2	47' 4	47' 5	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 9	49' 0	49' 2	49' 4	49' 5	49' 7
56° 30'	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 1	48' 3	48' 5	48' 6	48' 8	49' 0	49' 1	49' 3	49' 5
56° 45'	46' 8	46' 9	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9	48' 1	48' 3	48' 4	48' 6	48' 8	48' 9	49' 1	49' 2
57° 00'	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 9	49' 0
57° 15'	46' 4	46' 5	46' 7	46' 9	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 2	48' 3	48' 5	48' 6	48' 8
57° 30'	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 5	47' 6	47' 8	47' 9	48' 1	48' 3	48' 4	48' 6
57° 45'	45' 9	46' 1	46' 3	46' 4	46' 6	46' 8	46' 9	47' 1	47' 2	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4
58° 00'	45' 7	45' 9	46' 1	46' 2	46' 4	46' 5	46' 7	46' 9	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 1
58° 15'	45' 5	45' 7	45' 8	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 8	47' 9
58° 30'	45' 3	45' 5	45' 6	45' 8	45' 9	46' 1	46' 3	46' 4	46' 6	46' 7	46' 9	47' 1	47' 2	47' 4	47' 5	47' 7
58° 45'	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9	46' 1	46' 2	46' 4	46' 5	46' 7	46' 8	47' 0	47' 2	47' 3	47' 5
59° 00'	44' 9	45' 0	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1	46' 3	46' 5	46' 6	46' 8	46' 9	47' 1	47' 3
59° 15'	44' 7	44' 8	45' 0	45' 1	45' 3	45' 5	45' 6	45' 8	45' 9	46' 1	46' 2	46' 4	46' 6	46' 7	46' 9	47' 0
59° 30'	44' 5	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 6	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 57.0' - 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
60° 00'	44' 0	44' 2	44' 3	44' 5	44' 6	44' 8	45' 0	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9	46' 0	46' 2	46' 3
60° 15'	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1
60° 30'	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9
60° 45'	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7
61° 00'	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3	45' 4
61° 15'	42' 9	43' 1	43' 2	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1	45' 2
61° 30'	42' 7	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	45' 0
61° 45'	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 4	44' 6	44' 7
62° 00'	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5
62° 15'	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3
62° 30'	41' 9	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 1
62° 45'	41' 6	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5	43' 7	43' 8
63° 00'	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3	43' 4	43' 6
63° 15'	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 1	42' 2	42' 3	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 4
63° 30'	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1
63° 45'	40' 7	40' 9	41' 0	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9
64° 00'	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 7
64° 15'	40' 3	40' 4	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4
64° 30'	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2
64° 45'	39' 8	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	41' 0	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	41' 9
65° 00'	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7
65° 15'	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5
65° 30'	39' 2	39' 3	39' 4	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	41' 0	41' 1	41' 2
65° 45'	38' 9	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 9	41' 0
66° 00'	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 8
66° 15'	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5
66° 30'	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3
66° 45'	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0
67° 00'	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8
67° 15'	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6
67° 30'	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 0	39' 2	39' 3
67° 45'	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1
68° 00'	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8
68° 15'	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6
68° 30'	36' 4	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3
68° 45'	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1
69° 00'	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9
69° 15'	35' 7	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6
69° 30'	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4
69° 45'	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1
70° 00'	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9
70° 15'	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6
70° 30'	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4
70° 45'	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1
71° 00'	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9
71° 15'	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6
71° 30'	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4
71° 45'	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1
72° 00'	33' 1	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9
72° 15'	32' 9	33' 0	33' 1	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6
72° 30'	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4
72° 45'	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1
73° 00'	32' 2	32' 3	32' 4	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9
73° 15'	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6
73° 30'	31' 7	31' 8	31' 9	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 1	33' 2	33' 3	33' 4
73° 45'	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1
74° 00'	31' 2	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9
74° 15'	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6
74° 30'	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	32' 0	32' 1	32' 2	32' 3	32' 4

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 57.0'- 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
75° 00'	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 5	31' 6	31' 7	31' 8	31' 9
75° 15'	30' 0	30' 1	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6
75° 30'	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	31' 0	31' 1	31' 2	31' 3	31' 4
75° 45'	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1
76° 00'	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 5	30' 6	30' 7	30' 8	30' 9
76° 15'	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6
76° 30'	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	30' 0	30' 1	30' 2	30' 3	30' 4
76° 45'	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1
77° 00'	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8
77° 15'	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6
77° 30'	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3
77° 45'	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1
78° 00'	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8
78° 15'	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6
78° 30'	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3
78° 45'	26' 7	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1
79° 00'	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8
79° 15'	26' 2	26' 3	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 5
79° 30'	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3
79° 45'	25' 7	25' 8	25' 9	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 8	26' 9	27' 0
80° 00'	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8
80° 15'	25' 2	25' 3	25' 4	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 5
80° 30'	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3
80° 45'	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0
81° 00'	24' 4	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7
81° 15'	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0	25' 1	25' 1	25' 2	25' 3	25' 4	25' 5
81° 30'	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1	25' 2
81° 45'	23' 7	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0
82° 00'	23' 5	23' 5	23' 6	23' 7	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7
82° 15'	23' 2	23' 3	23' 4	23' 5	23' 5	23' 6	23' 7	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 4
82° 30'	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 5	23' 5	23' 6	23' 7	23' 8	23' 9	24' 0	24' 1	24' 2	24' 2
82° 45'	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 9	23' 9
83° 00'	22' 5	22' 6	22' 6	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 3	23' 4	23' 5	23' 6	23' 7
83° 15'	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7	22' 8	22' 9	22' 9	23' 0	23' 1	23' 2	23' 2	23' 3	23' 4
83° 30'	22' 0	22' 1	22' 1	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7	22' 8	22' 8	22' 9	23' 0	23' 1	23' 1
83° 45'	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9
84° 00'	21' 5	21' 6	21' 6	21' 7	21' 8	21' 9	21' 9	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6
84° 15'	21' 2	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1	22' 2	22' 3	22' 4	22' 4
84° 30'	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5	21' 6	21' 7	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1
84° 45'	20' 7	20' 8	20' 9	21' 0	21' 0	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 8	21' 8
85° 00'	20' 5	20' 6	20' 6	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5	21' 6
85° 15'	20' 3	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	21' 0	21' 0	21' 1	21' 2	21' 2	21' 3
85° 30'	20' 0	20' 1	20' 1	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 8	20' 9	21' 0	21' 1
85° 45'	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 7	20' 7	20' 8
86° 00'	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3	20' 3	20' 4	20' 5	20' 5
86° 15'	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 7	19' 8	19' 9	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3
86° 30'	19' 0	19' 1	19' 1	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9	20' 0
86° 45'	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 7
87° 00'	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5
87° 15'	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 7	18' 8	18' 8	18' 9	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2
87° 30'	18' 0	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	19' 0
87° 45'	17' 8	17' 8	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 4	18' 5	18' 6	18' 6	18' 7
88° 00'	17' 5	17' 6	17' 6	17' 7	17' 8	17' 8	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 4
88° 15'	17' 3	17' 3	17' 4	17' 5	17' 5	17' 6	17' 6	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 1	18' 1	18' 2
88° 30'	17' 0	17' 1	17' 1	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9
88° 45'	16' 8	16' 8	16' 9	17' 0	17' 0	17' 1	17' 1	17' 2	17' 2	17' 3	17' 4	17' 4	17' 5	17' 5	17' 6	17' 7
89° 00'	16' 5	16' 6	16' 6	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4
89° 15'	16' 3	16' 3	16' 4	16' 4	16' 5	16' 6	16' 6	16' 7	16' 7	16' 8	16' 8	16' 9	17' 0	17' 0	17' 1	17' 1
89° 30'	16' 0	16' 1	16' 1	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 8	16' 8	16' 9

Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 60.0'- 63.0'

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**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
15° 00'	74' 3	74' 6	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 3	76' 5	76' 8	77' 0	77' 3	77' 5	77' 8	78' 0
15° 15'	74' 2	74' 5	74' 7	75' 0	75' 2	75' 5	75' 7	76' 0	76' 2	76' 5	76' 7	77' 0	77' 2	77' 5	77' 7	78' 0
15° 30'	74' 2	74' 4	74' 7	74' 9	75' 2	75' 4	75' 7	75' 9	76' 1	76' 4	76' 6	76' 9	77' 1	77' 4	77' 6	77' 9
15° 45'	74' 1	74' 3	74' 6	74' 8	75' 1	75' 3	75' 6	75' 8	76' 1	76' 3	76' 6	76' 8	77' 1	77' 3	77' 6	77' 8
16° 00'	74' 0	74' 3	74' 5	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 2	76' 5	76' 7	77' 0	77' 2	77' 5	77' 7
16° 15'	74' 0	74' 2	74' 4	74' 7	74' 9	75' 2	75' 4	75' 7	75' 9	76' 2	76' 4	76' 7	76' 9	77' 2	77' 4	77' 7
16° 30'	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 4	75' 6	75' 9	76' 1	76' 3	76' 6	76' 8	77' 1	77' 3	77' 6
16° 45'	73' 8	74' 1	74' 3	74' 5	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 3	76' 5	76' 8	77' 0	77' 2	77' 5
17° 00'	73' 7	74' 0	74' 2	74' 5	74' 7	75' 0	75' 2	75' 4	75' 7	75' 9	76' 2	76' 4	76' 7	76' 9	77' 2	77' 4
17° 15'	73' 7	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 4	75' 6	75' 9	76' 1	76' 4	76' 6	76' 8	77' 1	77' 3
17° 30'	73' 6	73' 8	74' 1	74' 3	74' 6	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 3	76' 5	76' 8	77' 0	77' 3
17° 45'	73' 5	73' 7	74' 0	74' 2	74' 5	74' 7	75' 0	75' 2	75' 5	75' 7	75' 9	76' 2	76' 4	76' 7	76' 9	77' 2
18° 00'	73' 4	73' 7	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 4	75' 6	75' 9	76' 1	76' 4	76' 6	76' 8	77' 1
18° 15'	73' 3	73' 6	73' 8	74' 1	74' 3	74' 6	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 3	76' 5	76' 8	77' 0
18° 30'	73' 3	73' 5	73' 7	74' 0	74' 2	74' 5	74' 7	75' 0	75' 2	75' 4	75' 7	75' 9	76' 2	76' 4	76' 7	76' 9
18° 45'	73' 2	73' 4	73' 7	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 4	75' 6	75' 8	76' 1	76' 3	76' 6	76' 8
19° 00'	73' 1	73' 3	73' 6	73' 8	74' 1	74' 3	74' 5	74' 8	75' 0	75' 3	75' 5	75' 8	76' 0	76' 2	76' 5	76' 7
19° 15'	73' 0	73' 2	73' 5	73' 7	74' 0	74' 2	74' 5	74' 7	74' 9	75' 2	75' 4	75' 7	75' 9	76' 2	76' 4	76' 6
19° 30'	72' 9	73' 2	73' 4	73' 6	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 3	75' 6	75' 8	76' 1	76' 3	76' 6
19° 45'	72' 8	73' 1	73' 3	73' 5	73' 8	74' 0	74' 3	74' 5	74' 8	75' 0	75' 2	75' 5	75' 7	76' 0	76' 2	76' 5
20° 00'	72' 7	73' 0	73' 2	73' 5	73' 7	73' 9	74' 2	74' 4	74' 7	74' 9	75' 2	75' 4	75' 6	75' 9	76' 1	76' 4
20° 15'	72' 6	72' 9	73' 1	73' 4	73' 6	73' 9	74' 1	74' 3	74' 6	74' 8	75' 1	75' 3	75' 5	75' 8	76' 0	76' 3
20° 30'	72' 6	72' 8	73' 0	73' 3	73' 5	73' 8	74' 0	74' 2	74' 5	74' 7	75' 0	75' 2	75' 5	75' 7	75' 9	76' 2
20° 45'	72' 5	72' 7	72' 9	73' 2	73' 4	73' 7	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 4	75' 6	75' 8	76' 1
21° 00'	72' 4	72' 6	72' 8	73' 1	73' 3	73' 6	73' 8	74' 1	74' 3	74' 5	74' 8	75' 0	75' 3	75' 5	75' 7	76' 0
21° 15'	72' 3	72' 5	72' 8	73' 0	73' 2	73' 5	73' 7	74' 0	74' 2	74' 4	74' 7	74' 9	75' 2	75' 4	75' 6	75' 9
21° 30'	72' 2	72' 4	72' 7	72' 9	73' 1	73' 4	73' 6	73' 9	74' 1	74' 3	74' 6	74' 8	75' 1	75' 3	75' 5	75' 8
21° 45'	72' 1	72' 3	72' 6	72' 8	73' 0	73' 3	73' 5	73' 8	74' 0	74' 2	74' 5	74' 7	75' 0	75' 2	75' 4	75' 7
22° 00'	72' 0	72' 2	72' 5	72' 7	72' 9	73' 2	73' 4	73' 7	73' 9	74' 1	74' 4	74' 6	74' 9	75' 1	75' 3	75' 6
22° 15'	71' 9	72' 1	72' 4	72' 6	72' 8	73' 1	73' 3	73' 6	73' 8	74' 0	74' 3	74' 5	74' 8	75' 0	75' 2	75' 5
22° 30'	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 5	73' 7	73' 9	74' 2	74' 4	74' 7	74' 9	75' 1	75' 4
22° 45'	71' 7	71' 9	72' 2	72' 4	72' 6	72' 9	73' 1	73' 4	73' 6	73' 8	74' 1	74' 3	74' 6	74' 8	75' 0	75' 3
23° 00'	71' 6	71' 8	72' 1	72' 3	72' 5	72' 8	73' 0	73' 3	73' 5	73' 7	74' 0	74' 2	74' 4	74' 7	74' 9	75' 2
23° 15'	71' 5	71' 7	72' 0	72' 2	72' 4	72' 7	72' 9	73' 1	73' 4	73' 6	73' 9	74' 1	74' 3	74' 6	74' 8	75' 1
23° 30'	71' 4	71' 6	71' 9	72' 1	72' 3	72' 6	72' 8	73' 0	73' 3	73' 5	73' 8	74' 0	74' 2	74' 5	74' 7	74' 9
23° 45'	71' 3	71' 5	71' 7	72' 0	72' 2	72' 5	72' 7	72' 9	73' 2	73' 4	73' 6	73' 9	74' 1	74' 4	74' 6	74' 8
24° 00'	71' 2	71' 4	71' 6	71' 9	72' 1	72' 3	72' 6	72' 8	73' 1	73' 3	73' 5	73' 8	74' 0	74' 2	74' 5	74' 7
24° 15'	71' 1	71' 3	71' 5	71' 8	72' 0	72' 2	72' 5	72' 7	73' 0	73' 2	73' 4	73' 7	73' 9	74' 1	74' 4	74' 6
24° 30'	70' 9	71' 2	71' 4	71' 7	71' 9	72' 1	72' 4	72' 6	72' 8	73' 1	73' 3	73' 5	73' 8	74' 0	74' 3	74' 5
24° 45'	70' 8	71' 1	71' 3	71' 5	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 4	73' 7	73' 9	74' 1	74' 4
25° 00'	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 1	72' 4	72' 6	72' 9	73' 1	73' 3	73' 6	73' 8	74' 0	74' 3
25° 15'	70' 6	70' 9	71' 1	71' 3	71' 6	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 4	73' 7	73' 9	74' 1
25° 30'	70' 5	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 2	72' 4	72' 6	72' 9	73' 1	73' 3	73' 6	73' 8	74' 0
25° 45'	70' 4	70' 6	70' 9	71' 1	71' 3	71' 6	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 4	73' 7	73' 9
26° 00'	70' 3	70' 5	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 2	72' 4	72' 6	72' 9	73' 1	73' 3	73' 6	73' 8
26° 15'	70' 2	70' 4	70' 6	70' 9	71' 1	71' 3	71' 6	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 4	73' 7
26° 30'	70' 0	70' 3	70' 5	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 1	72' 4	72' 6	72' 8	73' 1	73' 3	73' 5
26° 45'	69' 9	70' 2	70' 4	70' 6	70' 9	71' 1	71' 3	71' 6	71' 8	72' 0	72' 3	72' 5	72' 7	73' 0	73' 2	73' 4
27° 00'	69' 8	70' 0	70' 3	70' 5	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 1	72' 4	72' 6	72' 8	73' 1	73' 3
27° 15'	69' 7	69' 9	70' 2	70' 4	70' 6	70' 9	71' 1	71' 3	71' 6	71' 8	72' 0	72' 2	72' 5	72' 7	72' 9	73' 2
27° 30'	69' 6	69' 8	70' 0	70' 3	70' 5	70' 7	71' 0	71' 2	71' 4	71' 7	71' 9	72' 1	72' 4	72' 6	72' 8	73' 0
27° 45'	69' 4	69' 7	69' 9	70' 1	70' 4	70' 6	70' 8	71' 1	71' 3	71' 5	71' 8	72' 0	72' 2	72' 5	72' 7	72' 9
28° 00'	69' 3	69' 6	69' 8	70' 0	70' 3	70' 5	70' 7	70' 9	71' 2	71' 4	71' 6	71' 9	72' 1	72' 3	72' 6	72' 8
28° 15'	69' 2	69' 4	69' 7	69' 9	70' 1	70' 4	70' 6	70' 8	71' 0	71' 3	71' 5	71' 7	72' 0	72' 2	72' 4	72' 7
28° 30'	69' 1	69' 3	69' 5	69' 8	70' 0	70' 2	70' 5	70' 7	70' 9	71' 2	71' 4	71' 6	71' 8	72' 1	72' 3	72' 5
28° 45'	69' 0	69' 2	69' 4	69' 6	69' 9	70' 1	70' 3	70' 6	70' 8	71' 0	71' 3	71' 5	71' 7	71' 9	72' 2	72' 4
29° 00'	68' 8	69' 1	69' 3	69' 5	69' 7	70' 0	70' 2	70' 4	70' 7	70' 9	71' 1	71' 4	71' 6	71' 8	72' 0	72' 3
29° 15'	68' 7	68' 9	69' 2	69' 4	69' 6	69' 8	70' 1	70' 3	70' 5	70' 8	71' 0	71' 2	71' 4	71' 7	71' 9	72' 1
29° 30'	68' 6	68' 8	69' 0	69' 3	69' 5	69' 7	69' 9	70' 2	70' 4	70' 6	70' 9	71' 1	71' 3	71' 5	71' 8	72' 0
29° 45'</td																

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
30° 00'	68' 3	68' 5	68' 8	69' 0	69' 2	69' 5	69' 7	69' 9	70' 1	70' 4	70' 6	70' 8	71' 0	71' 3	71' 5	71' 7
30° 15'	68' 2	68' 4	68' 6	68' 9	69' 1	69' 3	69' 5	69' 8	70' 0	70' 2	70' 5	70' 7	70' 9	71' 1	71' 4	71' 6
30° 30'	68' 0	68' 3	68' 5	68' 7	69' 0	69' 2	69' 4	69' 6	69' 9	70' 1	70' 3	70' 5	70' 8	71' 0	71' 2	71' 5
30° 45'	67' 9	68' 1	68' 4	68' 6	68' 8	69' 0	69' 3	69' 5	69' 7	70' 0	70' 2	70' 4	70' 6	70' 9	71' 1	71' 3
31° 00'	67' 8	68' 0	68' 2	68' 5	68' 7	68' 9	69' 1	69' 4	69' 6	69' 8	70' 0	70' 3	70' 5	70' 7	70' 9	71' 2
31° 15'	67' 6	67' 9	68' 1	68' 3	68' 5	68' 8	69' 0	69' 2	69' 4	69' 7	69' 9	70' 1	70' 4	70' 6	70' 8	71' 0
31° 30'	67' 5	67' 7	68' 0	68' 2	68' 4	68' 6	68' 9	69' 1	69' 3	69' 5	69' 8	70' 0	70' 2	70' 4	70' 7	70' 9
31° 45'	67' 4	67' 6	67' 8	68' 0	68' 3	68' 5	68' 7	68' 9	69' 2	69' 4	69' 6	69' 8	70' 1	70' 3	70' 5	70' 7
32° 00'	67' 2	67' 5	67' 7	67' 9	68' 1	68' 4	68' 6	68' 8	69' 0	69' 3	69' 5	69' 7	69' 9	70' 1	70' 4	70' 6
32° 15'	67' 1	67' 3	67' 5	67' 8	68' 0	68' 2	68' 4	68' 7	68' 9	69' 1	69' 3	69' 6	69' 8	70' 0	70' 2	70' 4
32° 30'	67' 0	67' 2	67' 4	67' 6	67' 8	68' 1	68' 3	68' 5	68' 7	69' 0	69' 2	69' 4	69' 6	69' 9	70' 1	70' 3
32° 45'	66' 8	67' 0	67' 3	67' 5	67' 7	67' 9	68' 1	68' 4	68' 6	68' 8	69' 0	69' 3	69' 5	69' 7	69' 9	70' 2
33° 00'	66' 7	66' 9	67' 1	67' 3	67' 6	67' 8	68' 0	68' 2	68' 4	68' 7	68' 9	69' 1	69' 3	69' 6	69' 8	70' 0
33° 15'	66' 5	66' 7	67' 0	67' 2	67' 4	67' 6	67' 9	68' 1	68' 3	68' 5	68' 7	69' 0	69' 2	69' 4	69' 6	69' 9
33° 30'	66' 4	66' 6	66' 8	67' 0	67' 3	67' 5	67' 7	67' 9	68' 2	68' 4	68' 6	68' 8	69' 0	69' 3	69' 5	69' 7
33° 45'	66' 2	66' 5	66' 7	66' 9	67' 1	67' 3	67' 6	67' 8	68' 0	68' 2	68' 4	68' 7	68' 9	69' 1	69' 3	69' 6
34° 00'	66' 1	66' 3	66' 5	66' 8	67' 0	67' 2	67' 4	67' 6	67' 9	68' 1	68' 3	68' 5	68' 7	69' 0	69' 2	69' 4
34° 15'	65' 9	66' 2	66' 4	66' 6	66' 8	67' 0	67' 3	67' 5	67' 7	67' 9	68' 1	68' 4	68' 6	68' 8	69' 0	69' 2
34° 30'	65' 8	66' 0	66' 2	66' 5	66' 7	66' 9	67' 1	67' 3	67' 6	67' 8	68' 0	68' 2	68' 4	68' 6	68' 9	69' 1
34° 45'	65' 6	65' 9	66' 1	66' 3	66' 5	66' 7	67' 0	67' 2	67' 4	67' 6	67' 8	68' 1	68' 3	68' 5	68' 7	68' 9
35° 00'	65' 5	65' 7	65' 9	66' 2	66' 4	66' 6	66' 8	67' 0	67' 2	67' 5	67' 7	67' 9	68' 1	68' 3	68' 6	68' 8
35° 15'	65' 3	65' 6	65' 8	66' 0	66' 2	66' 4	66' 7	66' 9	67' 1	67' 3	67' 5	67' 7	68' 0	68' 2	68' 4	68' 6
35° 30'	65' 2	65' 4	65' 6	65' 8	66' 1	66' 3	66' 5	66' 7	66' 9	67' 2	67' 4	67' 6	67' 8	68' 0	68' 2	68' 5
35° 45'	65' 0	65' 3	65' 5	65' 7	65' 9	66' 1	66' 3	66' 6	66' 8	67' 0	67' 2	67' 4	67' 6	67' 9	68' 1	68' 3
36° 00'	64' 9	65' 1	65' 3	65' 5	65' 8	66' 0	66' 2	66' 4	66' 6	66' 8	67' 1	67' 3	67' 5	67' 7	67' 9	68' 1
36° 15'	64' 7	65' 0	65' 2	65' 4	65' 6	65' 8	66' 0	66' 2	66' 5	66' 7	66' 9	67' 1	67' 3	67' 5	67' 8	68' 0
36° 30'	64' 6	64' 8	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 3	66' 5	66' 7	66' 9	67' 2	67' 4	67' 6	67' 8
36° 45'	64' 4	64' 6	64' 9	65' 1	65' 3	65' 5	65' 7	65' 9	66' 1	66' 4	66' 6	66' 8	67' 0	67' 2	67' 4	67' 6
37° 00'	64' 3	64' 5	64' 7	64' 9	65' 1	65' 3	65' 6	65' 8	66' 0	66' 2	66' 4	66' 6	66' 8	67' 1	67' 3	67' 5
37° 15'	64' 1	64' 3	64' 5	64' 8	65' 0	65' 2	65' 4	65' 6	65' 8	66' 0	66' 2	66' 5	66' 7	66' 9	67' 1	67' 3
37° 30'	64' 0	64' 2	64' 4	64' 6	64' 8	65' 0	65' 2	65' 4	65' 7	65' 9	66' 1	66' 3	66' 5	66' 7	66' 9	67' 1
37° 45'	63' 8	64' 0	64' 2	64' 4	64' 6	64' 9	65' 1	65' 3	65' 5	65' 7	65' 9	66' 1	66' 3	66' 6	66' 8	67' 0
38° 00'	63' 6	63' 8	64' 1	64' 3	64' 5	64' 7	64' 9	65' 1	65' 3	65' 5	65' 8	66' 0	66' 2	66' 4	66' 6	66' 8
38° 15'	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 8	66' 0	66' 2	66' 4	66' 6
38° 30'	63' 3	63' 5	63' 7	63' 9	64' 2	64' 4	64' 6	64' 8	65' 0	65' 2	65' 4	65' 6	65' 8	66' 0	66' 3	66' 5
38° 45'	63' 1	63' 4	63' 6	63' 8	64' 0	64' 2	64' 4	64' 6	64' 8	65' 0	65' 2	65' 5	65' 7	65' 9	66' 1	66' 3
39° 00'	63' 0	63' 2	63' 4	63' 6	63' 8	64' 0	64' 2	64' 4	64' 7	64' 9	65' 1	65' 3	65' 5	65' 7	65' 9	66' 1
39° 15'	62' 8	63' 0	63' 2	63' 4	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7	64' 9	65' 1	65' 3	65' 5	65' 7	66' 0
39° 30'	62' 6	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7	64' 9	65' 2	65' 4	65' 6	65' 8
39° 45'	62' 5	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 1	64' 4	64' 6	64' 8	65' 0	65' 2	65' 4	65' 6
40° 00'	62' 3	62' 5	62' 7	62' 9	63' 1	63' 4	63' 6	63' 8	64' 0	64' 2	64' 4	64' 6	64' 8	65' 0	65' 2	65' 4
40° 15'	62' 1	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6	63' 8	64' 0	64' 2	64' 4	64' 6	64' 8	65' 0	65' 3
40° 30'	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6	63' 8	64' 0	64' 2	64' 5	64' 7	64' 9	65' 1
40° 45'	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7	64' 9
41° 00'	61' 6	61' 8	62' 0	62' 2	62' 5	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5	64' 7
41° 15'	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 1	64' 3	64' 5
41° 30'	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1	63' 3	63' 5	63' 7	63' 9	64' 1	64' 4
41° 45'	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1	63' 4	63' 6	63' 8	64' 0	64' 2
42° 00'	60' 9	61' 1	61' 3	61' 5	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6	63' 8	64' 0
42° 15'	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6	63' 8
42° 30'	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4	63' 6
42° 45'	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2	63' 4
43° 00'	60' 2	60' 4	60' 6	60' 8	61' 0	61' 2	61' 4	61' 6	61' 8	62' 0	62' 2	62' 4	62' 6	62' 8	63' 0	63' 2
43° 15'	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9	63' 1
43° 30'	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7	62' 9
43° 45'	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5	62' 7
44° 00'	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3	62' 5
44° 15'	59' 3	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1	62' 3
44° 30'	59' 1	59' 3	59' 5	59' 7	59' 9	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7	61' 9	62' 1
44° 45'</td																

Table for combined Parallax - Semi-Diameter Correction (Moon lower limb)

HP 60.0'- 63.0'

Horizontal Parallax																		
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'		
Altitude																		
45° 00'	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 1	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5	61' 7		
45° 15'	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 3	60' 5	60' 7	60' 9	61' 1	61' 3	61' 5		
45° 30'	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 5	60' 7	60' 9	61' 1	61' 3		
45° 45'	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 4	60' 5	60' 7	60' 9	61' 1		
46° 00'	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 3	60' 5	60' 7	60' 9		
46° 15'	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 2	60' 3	60' 5	60' 7		
46° 30'	57' 7	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	60' 0	60' 1	60' 3	60' 5		
46° 45'	57' 5	57' 7	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	59' 9	60' 1	60' 3		
47° 00'	57' 3	57' 5	57' 7	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 8	59' 9	60' 1		
47° 15'	57' 1	57' 3	57' 5	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 4	59' 6	59' 7	59' 9		
47° 30'	56' 9	57' 1	57' 3	57' 5	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 2	59' 3	59' 5	59' 7		
47° 45'	56' 7	56' 9	57' 1	57' 3	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	59' 0	59' 1	59' 3	59' 5		
48° 00'	56' 5	56' 7	56' 9	57' 1	57' 3	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 8	58' 9	59' 1	59' 3		
48° 15'	56' 3	56' 5	56' 7	56' 9	57' 1	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 6	58' 7	58' 9	59' 1		
48° 30'	56' 1	56' 3	56' 5	56' 7	56' 9	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 2	58' 4	58' 5	58' 7	58' 9		
48° 45'	55' 9	56' 1	56' 3	56' 5	56' 7	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	58' 0	58' 1	58' 3	58' 5	58' 7		
49° 00'	55' 7	55' 9	56' 1	56' 3	56' 5	56' 6	56' 8	57' 0	57' 2	57' 4	57' 6	57' 8	57' 9	58' 1	58' 3	58' 5		
49° 15'	55' 5	55' 7	55' 9	56' 1	56' 3	56' 4	56' 6	56' 8	57' 0	57' 2	57' 4	57' 5	57' 7	57' 9	58' 1	58' 3		
49° 30'	55' 3	55' 5	55' 7	55' 9	56' 1	56' 2	56' 4	56' 6	56' 8	57' 0	57' 2	57' 3	57' 5	57' 7	57' 9	58' 1		
49° 45'	55' 1	55' 3	55' 5	55' 7	55' 9	56' 0	56' 2	56' 4	56' 6	56' 8	57' 0	57' 1	57' 3	57' 5	57' 7	57' 9		
50° 00'	54' 9	55' 1	55' 3	55' 5	55' 6	55' 8	56' 0	56' 2	56' 4	56' 6	56' 7	56' 9	57' 1	57' 3	57' 5	57' 7		
50° 15'	54' 7	54' 9	55' 1	55' 3	55' 4	55' 6	55' 8	56' 0	56' 2	56' 4	56' 5	56' 7	56' 9	57' 1	57' 3	57' 5		
50° 30'	54' 5	54' 7	54' 9	55' 1	55' 2	55' 4	55' 6	55' 8	56' 0	56' 1	56' 3	56' 5	56' 7	56' 9	57' 1	57' 2		
50° 45'	54' 3	54' 5	54' 7	54' 9	55' 0	55' 2	55' 4	55' 6	55' 8	55' 9	56' 1	56' 3	56' 5	56' 7	56' 8	57' 0		
51° 00'	54' 1	54' 3	54' 5	54' 6	54' 8	55' 0	55' 2	55' 4	55' 6	55' 7	55' 9	56' 1	56' 3	56' 5	56' 6	56' 8		
51° 15'	53' 9	54' 1	54' 3	54' 4	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5	55' 7	55' 9	56' 1	56' 2	56' 4	56' 6		
51° 30'	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	55' 0	55' 1	55' 3	55' 5	55' 7	55' 8	56' 0	56' 2	56' 4		
51° 45'	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 7	54' 9	55' 1	55' 3	55' 5	55' 6	55' 8	56' 0	56' 2		
52° 00'	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 4	54' 5	54' 7	54' 9	55' 1	55' 2	55' 4	55' 6	55' 8	56' 0		
52° 15'	53' 1	53' 3	53' 4	53' 6	53' 8	54' 0	54' 1	54' 3	54' 5	54' 7	54' 9	55' 0	55' 2	55' 4	55' 6	55' 7		
52° 30'	52' 9	53' 1	53' 2	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5	54' 6	54' 8	55' 0	55' 2	55' 3	55' 5		
52° 45'	52' 7	52' 8	53' 0	53' 2	53' 4	53' 5	53' 7	53' 9	54' 1	54' 2	54' 4	54' 6	54' 8	54' 9	55' 1	55' 3		
53° 00'	52' 5	52' 6	52' 8	53' 0	53' 2	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2	54' 4	54' 6	54' 7	54' 9	55' 1		
53° 15'	52' 2	52' 4	52' 6	52' 8	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0	54' 2	54' 3	54' 5	54' 7	54' 9		
53° 30'	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 3	53' 4	53' 6	53' 8	53' 9	54' 1	54' 3	54' 5	54' 6		
53° 45'	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 9	53' 0	53' 2	53' 4	53' 6	53' 7	53' 9	54' 1	54' 2	54' 4		
54° 00'	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 6	52' 8	53' 0	53' 2	53' 3	53' 5	53' 7	53' 9	54' 0	54' 2		
54° 15'	51' 4	51' 6	51' 7	51' 9	52' 1	52' 3	52' 4	52' 6	52' 8	52' 9	53' 1	53' 3	53' 5	53' 6	53' 8	54' 0		
54° 30'	51' 2	51' 4	51' 5	51' 7	51' 9	52' 0	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1	53' 2	53' 4	53' 6	53' 8		
54° 45'	51' 0	51' 1	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 8	53' 0	53' 2	53' 4	53' 5		
55° 00'	50' 8	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	51' 9	52' 1	52' 3	52' 5	52' 6	52' 8	53' 0	53' 1	53' 3		
55° 15'	50' 5	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 2	52' 4	52' 6	52' 7	52' 9	53' 1		
55° 30'	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2	52' 3	52' 5	52' 7	52' 8		
55° 45'	50' 1	50' 3	50' 5	50' 6	50' 8	51' 0	51' 1	51' 3	51' 5	51' 6	51' 8	52' 0	52' 1	52' 3	52' 5	52' 6		
56° 00'	49' 9	50' 1	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 2	51' 4	51' 6	51' 7	51' 9	52' 1	52' 2	52' 4		
56° 15'	49' 7	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 3	51' 5	51' 7	51' 8	52' 0	52' 2		
56° 30'	49' 5	49' 6	49' 8	50' 0	50' 1	50' 3	50' 5	50' 6	50' 8	50' 9	51' 1	51' 3	51' 4	51' 6	51' 8	51' 9		
56° 45'	49' 2	49' 4	49' 6	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6	50' 7	50' 9	51' 1	51' 2	51' 4	51' 5	51' 7		
57° 00'	49' 0	49' 2	49' 4	49' 5	49' 7	49' 8	50' 0	50' 2	50' 3	50' 5	50' 7	50' 8	51' 0	51' 2	51' 3	51' 5		
57° 15'	48' 8	49' 0	49' 1	49' 3	49' 5	49' 6	49' 8	49' 9	50' 1	50' 3	50' 4	50' 6	50' 8	50' 9	51' 1	51' 2		
57° 30'	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 6	49' 7	49' 9	50' 0	50' 2	50' 4	50' 5	50' 7	50' 9	51' 0		
57° 45'	48' 4	48' 5	48' 7	48' 8	49' 0	49' 2	49' 3	49' 5	49' 7	49' 8	50' 0	50' 1	50' 3	50' 5	50' 6	50' 8		
58° 00'	48' 1	48' 3	48' 5	48' 6	48' 8	48' 9	49' 1	49' 3	49' 4	49' 6	49' 7	49' 9	50' 1	50' 2	50' 4	50' 6		
58° 15'	47' 9	48' 1	48' 2	48' 4	48' 6	48' 7	48' 9	49' 0	49' 2	49' 4	49' 5	49' 7	49' 8	50' 0	50' 2	50' 3		
58° 30'	47' 7	47' 9	48' 0	48' 2	48' 3	48' 5	48' 7	48' 8	49' 0	49' 1	49' 3	49' 4	49' 6	49' 8	49' 9	50' 1		
58° 45'	47' 5	47' 6	47' 8	47' 9	48' 1	48' 3	48' 4	48' 6	48' 7	48' 9	49' 1	49' 2	49' 4	49' 5	49' 7	49' 8		
59° 00'	47' 3	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 8	49' 0	49' 1	49' 3	49' 5	49' 6		
59° 15'	47' 0	47' 2	47' 3	47' 5	47' 7	47' 8	48' 0	48' 1	48' 3	48' 4	48' 6	48' 8	48' 9	49' 1	49' 2	49' 4		
59° 30'	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7	48' 8	49' 0	49' 1		
59° 45'	46' 6	46' 7	46' 9	47' 0	47' 2	47' 4	47' 5	47' 7	47' 8	48' 0	48' 1	48' 3	48' 4	48' 6	48' 7	48' 9		

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**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
60° 00'	46' 3	46' 5	46' 7	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2	48' 4	48' 5	48' 7
60° 15'	46' 1	46' 3	46' 4	46' 6	46' 7	46' 9	47' 0	47' 2	47' 4	47' 5	47' 7	47' 8	48' 0	48' 1	48' 3	48' 4
60° 30'	45' 9	46' 0	46' 2	46' 4	46' 5	46' 7	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 7	47' 9	48' 0	48' 2
60° 45'	45' 7	45' 8	46' 0	46' 1	46' 3	46' 4	46' 6	46' 7	46' 9	47' 0	47' 2	47' 3	47' 5	47' 6	47' 8	47' 9
61° 00'	45' 4	45' 6	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	47' 0	47' 1	47' 3	47' 4	47' 6	47' 7
61° 15'	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1	46' 3	46' 4	46' 6	46' 7	46' 9	47' 0	47' 2	47' 3	47' 5
61° 30'	45' 0	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9	46' 0	46' 2	46' 3	46' 5	46' 6	46' 8	46' 9	47' 1	47' 2
61° 45'	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 6	45' 8	45' 9	46' 1	46' 2	46' 4	46' 5	46' 7	46' 8	47' 0
62° 00'	44' 5	44' 7	44' 8	45' 0	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9	46' 0	46' 1	46' 3	46' 4	46' 6	46' 7
62° 15'	44' 3	44' 4	44' 6	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 6	45' 8	45' 9	46' 1	46' 2	46' 4	46' 5
62° 30'	44' 1	44' 2	44' 3	44' 5	44' 6	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5	45' 7	45' 8	46' 0	46' 1	46' 3
62° 45'	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 8	45' 0	45' 1	45' 3	45' 4	45' 6	45' 7	45' 9	46' 0
63° 00'	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 6	44' 7	44' 9	45' 0	45' 2	45' 3	45' 5	45' 6	45' 8
63° 15'	43' 4	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 7	44' 8	44' 9	45' 1	45' 2	45' 4	45' 5
63° 30'	43' 1	43' 3	43' 4	43' 6	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 6	44' 7	44' 8	45' 0	45' 1	45' 3
63° 45'	42' 9	43' 0	43' 2	43' 3	43' 5	43' 6	43' 7	43' 9	44' 0	44' 2	44' 3	44' 5	44' 6	44' 7	44' 9	45' 0
64° 00'	42' 7	42' 8	42' 9	43' 1	43' 2	43' 4	43' 5	43' 6	43' 8	43' 9	44' 1	44' 2	44' 4	44' 5	44' 6	44' 8
64° 15'	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5	43' 7	43' 8	44' 0	44' 1	44' 3	44' 4	44' 5
64° 30'	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3	43' 4	43' 6	43' 7	43' 9	44' 0	44' 1	44' 3
64° 45'	41' 9	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 3	43' 5	43' 6	43' 8	43' 9	44' 0
65° 00'	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7	42' 8	43' 0	43' 1	43' 2	43' 4	43' 5	43' 7	43' 8
65° 15'	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5
65° 30'	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 1	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9	43' 0	43' 2	43' 3
65° 45'	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9	43' 0
66° 00'	40' 8	40' 9	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4	42' 5	42' 7	42' 8
66° 15'	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4	42' 5
66° 30'	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3
66° 45'	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0
67° 00'	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 6	41' 8
67° 15'	39' 6	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5
67° 30'	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 1	41' 3
67° 45'	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0
68° 00'	38' 8	39' 0	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8
68° 15'	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5
68° 30'	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3
68° 45'	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9	40' 0
69° 00'	37' 9	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7
69° 15'	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 2	39' 4	39' 5
69° 30'	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 2
69° 45'	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 7	38' 8	39' 0
70° 00'	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7
70° 15'	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5
70° 30'	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2
70° 45'	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	37' 9
71° 00'	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7
71° 15'	35' 6	35' 8	35' 9	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4
71° 30'	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 0	37' 2
71° 45'	35' 1	35' 3	35' 4	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9
72° 00'	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 5	36' 6
72° 15'	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4
72° 30'	34' 4	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1
72° 45'	34' 1	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 5	35' 6	35' 7	35' 8
73° 00'	33' 9	34' 0	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6
73° 15'	33' 6	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3
73° 30'	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1
73° 45'	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 8
74° 00'	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5
74° 15'	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3
74° 30'	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0
74° 45'</td																

**Table for combined Parallax - Semi-Diameter Correction
(Moon lower limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
75° 00'	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5
75° 15'	31' 6	31' 7	31' 8	31' 9	32' 0	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2
75° 30'	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9
75° 45'	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7
76° 00'	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4
76° 15'	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1
76° 30'	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9
76° 45'	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6
77° 00'	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3
77° 15'	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1
77° 30'	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8
77° 45'	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5
78° 00'	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3
78° 15'	28' 6	28' 7	28' 8	28' 9	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0
78° 30'	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 7
78° 45'	28' 1	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5
79° 00'	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2
79° 15'	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 5	28' 6	28' 7	28' 8	28' 9
79° 30'	27' 3	27' 4	27' 5	27' 6	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 6
79° 45'	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4
80° 00'	26' 8	26' 9	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 7	27' 8	27' 9	28' 0	28' 1
80° 15'	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 7	27' 8
80° 30'	26' 3	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6
80° 45'	26' 0	26' 1	26' 2	26' 3	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 3
81° 00'	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 8	26' 9	27' 0
81° 15'	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 7
81° 30'	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4	26' 5
81° 45'	25' 0	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 5	25' 6	25' 7	25' 8	25' 9	26' 0	26' 0	26' 1	26' 2
82° 00'	24' 7	24' 8	24' 9	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	25' 9
82° 15'	24' 4	24' 5	24' 6	24' 7	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 3	25' 4	25' 5	25' 6	25' 7
82° 30'	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0	25' 1	25' 1	25' 2	25' 3	25' 4
82° 45'	23' 9	24' 0	24' 1	24' 2	24' 2	24' 3	24' 4	24' 5	24' 6	24' 6	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1
83° 00'	23' 7	23' 7	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4	24' 4	24' 5	24' 6	24' 7	24' 8	24' 8
83° 15'	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8	23' 9	23' 9	24' 0	24' 1	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6
83° 30'	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3
83° 45'	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 3	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8	23' 9	23' 9	24' 0
84° 00'	22' 6	22' 7	22' 8	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8
84° 15'	22' 4	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 3	23' 4	23' 5
84° 30'	22' 1	22' 2	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7	22' 8	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2
84° 45'	21' 8	21' 9	22' 0	22' 1	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 6	22' 6	22' 7	22' 8	22' 9	22' 9
85° 00'	21' 6	21' 6	21' 7	21' 8	21' 9	21' 9	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7
85° 15'	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4
85° 30'	21' 1	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 0	22' 1
85° 45'	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 8
86° 00'	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5	21' 6
86° 15'	20' 3	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 2	21' 2	21' 3
86° 30'	20' 0	20' 1	20' 1	20' 2	20' 3	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0
86° 45'	19' 7	19' 8	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3	20' 3	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7
87° 00'	19' 5	19' 6	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3	20' 3	20' 4	20' 5
87° 15'	19' 2	19' 3	19' 4	19' 4	19' 5	19' 5	19' 6	19' 7	19' 8	19' 8	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2
87° 30'	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9
87° 45'	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 6	19' 6
88° 00'	18' 4	18' 5	18' 6	18' 6	18' 7	18' 7	18' 8	18' 9	18' 9	19' 0	19' 1	19' 1	19' 2	19' 2	19' 3	19' 4
88° 15'	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 5	18' 6	18' 7	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1
88° 30'	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8
88° 45'	17' 7	17' 7	17' 8	17' 8	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 5
89° 00'	17' 4	17' 5	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 3
89° 15'	17' 1	17' 2	17' 2	17' 3	17' 4	17' 4	17' 5	17' 5	17' 6	17' 6	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0
89° 30'	16' 9	16' 9	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 5	17' 6	17' 7	17' 7
89° 45'</td																

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 54.0'- 57.0'

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 54.0' - 57.0'

Horizontal Parallax																
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
15° 00'	37' 4	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5
15° 15'	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 5
15° 30'	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 3	39' 4
15° 45'	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 1	39' 2	39' 3
16° 00'	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 3
16° 15'	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 1	39' 2
16° 30'	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1
16° 45'	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0
17° 00'	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0
17° 15'	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9
17° 30'	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 6	38' 7	38' 8
17° 45'	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 8
18° 00'	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 7
18° 15'	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6
18° 30'	36' 5	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1	38' 3	38' 4	38' 5
18° 45'	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4
19° 00'	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4
19° 15'	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3
19° 30'	36' 2	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2
19° 45'	36' 1	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1
20° 00'	36' 0	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0
20° 15'	35' 9	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9
20° 30'	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 9
20° 45'	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8
21° 00'	35' 7	35' 8	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 5	37' 7
21° 15'	35' 6	35' 7	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6
21° 30'	35' 5	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5
21° 45'	35' 4	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 3	37' 4
22° 00'	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3
22° 15'	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2
22° 30'	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1
22° 45'	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0
23° 00'	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9
23° 15'	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8
23° 30'	34' 8	34' 9	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7
23° 45'	34' 7	34' 8	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6
24° 00'	34' 6	34' 7	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5
24° 15'	34' 5	34' 6	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4
24° 30'	34' 4	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3
24° 45'	34' 3	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2
25° 00'	34' 2	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1
25° 15'	34' 1	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0
25° 30'	34' 0	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9
25° 45'	33' 9	34' 0	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8
26° 00'	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7
26° 15'	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6
26° 30'	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5
26° 45'	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 4
27° 00'	33' 4	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 3
27° 15'	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1
27° 30'	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0
27° 45'	33' 1	33' 2	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9
28° 00'	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8
28° 15'	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7
28° 30'	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6
28° 45'	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4
29° 00'	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3
29° 15'	32' 4	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2
29° 30'	32' 3	32' 4	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1
29° 45'	3															

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 54.0'- 57.0'

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 54.0°- 57.0°

Horizontal Parallax																
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
45° 00'	23'5	23'6	23'6	23'7	23'8	23'9	24'0	24'1	24'2	24'3	24'3	24'4	24'5	24'6	24'7	24'8
45° 15'	23'3	23'4	23'5	23'6	23'6	23'7	23'8	23'9	24'0	24'1	24'2	24'3	24'3	24'4	24'5	24'6
45° 30'	23'1	23'2	23'3	23'4	23'5	23'6	23'6	23'7	23'8	23'9	24'0	24'1	24'2	24'2	24'3	24'4
45° 45'	23'0	23'1	23'1	23'2	23'3	23'4	23'5	23'6	23'6	23'7	23'8	23'9	24'0	24'1	24'2	24'2
46° 00'	22'8	22'9	23'0	23'0	23'1	23'2	23'3	23'4	23'5	23'6	23'6	23'7	23'8	23'9	24'0	24'1
46° 15'	22'6	22'7	22'8	22'9	23'0	23'0	23'1	23'2	23'3	23'4	23'5	23'5	23'6	23'7	23'8	23'9
46° 30'	22'5	22'5	22'6	22'7	22'8	22'9	23'0	23'0	23'1	23'2	23'3	23'4	23'5	23'5	23'6	23'7
46° 45'	22'3	22'4	22'4	22'5	22'6	22'7	22'8	22'9	22'9	23'0	23'1	23'2	23'3	23'4	23'4	23'5
47° 00'	22'1	22'2	22'3	22'4	22'4	22'5	22'6	22'7	22'8	22'8	22'9	23'0	23'1	23'2	23'3	23'3
47° 15'	21'9	22'0	22'1	22'2	22'3	22'3	22'4	22'5	22'6	22'7	22'8	22'8	22'9	23'0	23'1	23'2
47° 30'	21'8	21'8	21'9	22'0	22'1	22'2	22'3	22'3	22'4	22'5	22'6	22'7	22'7	22'8	22'9	23'0
47° 45'	21'6	21'7	21'8	21'8	21'9	22'0	22'1	22'2	22'2	22'3	22'4	22'5	22'6	22'6	22'7	22'8
48° 00'	21'4	21'5	21'6	21'7	21'7	21'8	21'9	22'0	22'1	22'1	22'2	22'3	22'4	22'4	22'5	22'6
48° 15'	21'2	21'3	21'4	21'5	21'6	21'6	21'7	21'8	21'9	22'0	22'0	22'1	22'2	22'3	22'3	22'4
48° 30'	21'1	21'1	21'2	21'3	21'4	21'5	21'5	21'6	21'7	21'8	21'8	21'9	22'0	22'1	22'2	22'2
48° 45'	20'9	21'0	21'0	21'1	21'2	21'3	21'4	21'4	21'5	21'6	21'7	21'7	21'8	21'9	22'0	22'1
49° 00'	20'7	20'8	20'9	20'9	21'0	21'1	21'2	21'2	21'3	21'4	21'5	21'6	21'6	21'7	21'8	21'9
49° 15'	20'5	20'6	20'7	20'8	20'8	20'9	21'0	21'1	21'1	21'2	21'3	21'4	21'4	21'5	21'6	21'7
49° 30'	20'4	20'4	20'5	20'6	20'7	20'7	20'8	20'9	21'0	21'0	21'1	21'2	21'3	21'3	21'4	21'5
49° 45'	20'2	20'3	20'3	20'4	20'5	20'5	20'6	20'7	20'8	20'8	20'9	21'0	21'1	21'1	21'2	21'3
50° 00'	20'0	20'1	20'1	20'2	20'3	20'4	20'4	20'5	20'6	20'7	20'7	20'8	20'9	21'0	21'0	21'1
50° 15'	19'8	19'9	20'0	20'0	20'1	20'2	20'3	20'3	20'4	20'5	20'5	20'6	20'7	20'8	20'8	20'9
50° 30'	19'6	19'7	19'8	19'9	19'9	20'0	20'1	20'1	20'2	20'3	20'4	20'4	20'5	20'6	20'7	20'7
50° 45'	19'5	19'5	19'6	19'7	19'7	19'8	19'9	20'0	20'0	20'1	20'2	20'2	20'3	20'4	20'5	20'5
51° 00'	19'3	19'3	19'4	19'5	19'6	19'6	19'7	19'8	19'8	19'9	20'0	20'1	20'1	20'2	20'3	20'3
51° 15'	19'1	19'2	19'2	19'3	19'4	19'4	19'5	19'6	19'7	19'7	19'8	19'9	19'9	20'0	20'1	20'1
51° 30'	18'9	19'0	19'0	19'1	19'2	19'3	19'3	19'4	19'5	19'5	19'6	19'7	19'7	19'8	19'9	20'0
51° 45'	18'7	18'8	18'9	18'9	19'0	19'1	19'1	19'2	19'3	19'3	19'4	19'5	19'5	19'6	19'7	19'8
52° 00'	18'5	18'6	18'7	18'7	18'8	18'9	18'9	19'0	19'1	19'1	19'2	19'3	19'4	19'4	19'5	19'6
52° 15'	18'3	18'4	18'5	18'5	18'6	18'7	18'8	18'8	18'9	19'0	19'0	19'1	19'2	19'2	19'3	19'4
52° 30'	18'2	18'2	18'3	18'4	18'4	18'5	18'6	18'6	18'7	18'8	18'8	18'9	19'0	19'0	19'1	19'2
52° 45'	18'0	18'0	18'1	18'2	18'2	18'3	18'4	18'4	18'5	18'6	18'6	18'7	18'8	18'8	18'9	19'0
53° 00'	17'8	17'8	17'9	18'0	18'0	18'1	18'2	18'2	18'3	18'4	18'4	18'5	18'6	18'6	18'7	18'8
53° 15'	17'6	17'7	17'7	17'8	17'9	17'9	18'0	18'1	18'1	18'2	18'2	18'3	18'4	18'4	18'5	18'6
53° 30'	17'4	17'5	17'5	17'6	17'7	17'7	17'8	17'9	17'9	18'0	18'1	18'1	18'2	18'2	18'3	18'4
53° 45'	17'2	17'3	17'3	17'4	17'5	17'5	17'6	17'7	17'7	17'8	17'9	17'9	18'0	18'0	18'1	18'2
54° 00'	17'0	17'1	17'2	17'2	17'3	17'3	17'4	17'5	17'5	17'6	17'7	17'7	17'8	17'8	17'9	18'0
54° 15'	16'8	16'9	17'0	17'0	17'1	17'1	17'2	17'3	17'3	17'4	17'5	17'5	17'6	17'6	17'7	17'8
54° 30'	16'6	16'7	16'8	16'8	16'9	17'0	17'0	17'1	17'1	17'2	17'3	17'3	17'4	17'4	17'5	17'6
54° 45'	16'5	16'5	16'6	16'6	16'7	16'8	16'8	16'9	16'9	17'0	17'1	17'1	17'2	17'2	17'3	17'4
55° 00'	16'3	16'3	16'4	16'4	16'5	16'6	16'6	16'7	16'7	16'8	16'9	16'9	17'0	17'0	17'1	17'2
55° 15'	16'1	16'1	16'2	16'2	16'3	16'4	16'4	16'5	16'5	16'6	16'7	16'7	16'8	16'8	16'9	17'0
55° 30'	15'9	15'9	16'0	16'0	16'1	16'2	16'2	16'3	16'3	16'4	16'5	16'5	16'6	16'6	16'7	16'8
55° 45'	15'7	15'7	15'8	15'9	15'9	16'0	16'0	16'1	16'1	16'2	16'3	16'3	16'4	16'4	16'5	16'5
56° 00'	15'5	15'5	15'6	15'7	15'7	15'8	15'8	15'9	15'9	16'0	16'1	16'1	16'2	16'2	16'3	16'3
56° 15'	15'3	15'3	15'4	15'5	15'5	15'6	15'6	15'7	15'8	15'8	15'9	15'9	16'0	16'0	16'1	16'1
56° 30'	15'1	15'1	15'2	15'3	15'3	15'4	15'4	15'5	15'5	15'6	15'6	15'7	15'8	15'8	15'9	15'9
56° 45'	14'9	14'9	15'0	15'1	15'1	15'2	15'2	15'3	15'3	15'4	15'4	15'5	15'6	15'6	15'7	15'7
57° 00'	14'7	14'8	14'8	14'9	14'9	15'0	15'0	15'1	15'1	15'2	15'2	15'3	15'3	15'4	15'5	15'5
57° 15'	14'5	14'6	14'6	14'7	14'7	14'8	14'8	14'9	14'9	15'0	15'0	15'1	15'1	15'2	15'2	15'3
57° 30'	14'3	14'4	14'4	14'5	14'5	14'6	14'6	14'7	14'7	14'8	14'8	14'9	14'9	15'0	15'0	15'1
57° 45'	14'1	14'2	14'2	14'3	14'3	14'4	14'4	14'5	14'5	14'6	14'6	14'7	14'7	14'8	14'8	14'9
58° 00'	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'3	14'3	14'4	14'4	14'5	14'5	14'6	14'6	14'7
58° 15'	13'7	13'8	13'8	13'9	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'3	14'3	14'4	14'4	14'5
58° 30'	13'5	13'6	13'6	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'2
58° 45'	13'3	13'3	13'4	13'4	13'5	13'5	13'6	13'6	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0
59° 00'	13'1	13'1	13'2	13'2	13'3	13'3	13'4	13'4	13'5	13'5	13'6	13'6	13'7	13'7	13'8	13'8
59° 15'	12'9	12'9	13'0	13'0	13'1	13'1	13'2	13'2	13'3	13'3	13'4	13'4	13'5	13'5	13'6	13'6
59° 30'	12'7	12'7	12'8	12'8	12'9	12'9	13'0	13'0	13'1	13'1	13'2	13'2	13'3	13'3	13'4	13'4
59° 45'	12'5	12'5	12'6	12'6	12'7	12'7	12'8	12'8	12'9	12'9	13'0	13'0	13'1	13'1	13'2	13'2

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**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 54.0°- 57.0°

Horizontal Parallax																
Altitude	54° 0'	54° 2'	54° 4'	54° 6'	54° 8'	55° 0'	55° 2'	55° 4'	55° 6'	55° 8'	56° 0'	56° 2'	56° 4'	56° 6'	56° 8'	57° 0'
60° 00'	12'3	12'3	12'4	12'4	12'5	12'5	12'6	12'6	12'6	12'7	12'7	12'8	12'8	12'9	12'9	13'0
60° 15'	12'1	12'1	12'2	12'2	12'3	12'3	12'3	12'4	12'4	12'5	12'5	12'6	12'6	12'7	12'7	12'8
60° 30'	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2	12'2	12'3	12'3	12'4	12'4	12'4	12'5	12'5
60° 45'	11'7	11'7	11'8	11'8	11'8	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2	12'2	12'3	12'3
61° 00'	11'5	11'5	11'5	11'6	11'6	11'7	11'7	11'8	11'8	11'8	11'9	11'9	12'0	12'0	12'1	12'1
61° 15'	11'3	11'3	11'3	11'4	11'4	11'5	11'5	11'6	11'6	11'6	11'7	11'7	11'8	11'8	11'8	11'9
61° 30'	11'1	11'1	11'1	11'2	11'2	11'3	11'3	11'3	11'4	11'4	11'5	11'5	11'5	11'6	11'6	11'7
61° 45'	10'8	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'2	11'2	11'2	11'3	11'3	11'4	11'4	11'4
62° 00'	10'6	10'7	10'7	10'8	10'8	10'8	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'1	11'2	11'2
62° 15'	10'4	10'5	10'5	10'5	10'6	10'6	10'7	10'7	10'7	10'8	10'8	10'9	10'9	10'9	11'0	11'0
62° 30'	10'2	10'3	10'3	10'3	10'4	10'4	10'4	10'5	10'5	10'6	10'6	10'6	10'7	10'7	10'7	10'8
62° 45'	10'0	10'0	10'1	10'1	10'2	10'2	10'2	10'3	10'3	10'3	10'4	10'4	10'5	10'5	10'5	10'6
63° 00'	09'8	09'8	09'9	09'9	09'9	10'0	10'0	10'1	10'1	10'1	10'2	10'2	10'2	10'3	10'3	10'3
63° 15'	09'6	09'6	09'7	09'7	09'7	09'8	09'8	09'8	09'9	09'9	09'9	10'0	10'0	10'1	10'1	10'1
63° 30'	09'4	09'4	09'4	09'5	09'5	09'6	09'6	09'6	09'7	09'7	09'7	09'8	09'8	09'8	09'9	09'9
63° 45'	09'2	09'2	09'2	09'3	09'3	09'3	09'4	09'4	09'4	09'5	09'5	09'5	09'6	09'6	09'6	09'7
64° 00'	09'0	09'0	09'0	09'1	09'1	09'1	09'2	09'2	09'2	09'3	09'3	09'3	09'4	09'4	09'4	09'5
64° 15'	08'7	08'8	08'8	08'9	08'9	08'9	08'9	09'0	09'0	09'0	09'1	09'1	09'1	09'2	09'2	09'2
64° 30'	08'5	08'6	08'6	08'7	08'7	08'7	08'8	08'8	08'8	08'8	08'8	08'9	08'9	08'9	09'0	09'0
64° 45'	08'3	08'4	08'4	08'4	08'5	08'5	08'5	08'5	08'6	08'6	08'6	08'7	08'7	08'7	08'8	08'8
65° 00'	08'1	08'1	08'2	08'2	08'2	08'3	08'3	08'3	08'4	08'4	08'4	08'5	08'5	08'5	08'5	08'6
65° 15'	07'9	07'9	08'0	08'0	08'0	08'0	08'1	08'1	08'1	08'2	08'2	08'2	08'3	08'3	08'3	08'3
65° 30'	07'7	07'7	07'7	07'8	07'8	07'8	07'8	07'9	07'9	07'9	08'0	08'0	08'0	08'1	08'1	08'1
65° 45'	07'5	07'5	07'5	07'6	07'6	07'6	07'6	07'7	07'7	07'7	07'7	07'8	07'8	07'8	07'9	07'9
66° 00'	07'2	07'3	07'3	07'3	07'4	07'4	07'4	07'5	07'5	07'5	07'5	07'6	07'6	07'6	07'7	07'7
66° 15'	07'0	07'1	07'1	07'1	07'1	07'2	07'2	07'2	07'3	07'3	07'3	07'3	07'4	07'4	07'4	07'4
66° 30'	06'8	06'8	06'9	06'9	06'9	06'9	07'0	07'0	07'0	07'0	07'1	07'1	07'1	07'1	07'2	07'2
66° 45'	06'6	06'6	06'7	06'7	06'7	06'7	06'7	06'8	06'8	06'8	06'8	06'9	06'9	06'9	06'9	07'0
67° 00'	06'4	06'4	06'4	06'5	06'5	06'5	06'5	06'6	06'6	06'6	06'6	06'6	06'7	06'7	06'7	06'7
67° 15'	06'2	06'2	06'2	06'2	06'3	06'3	06'3	06'3	06'4	06'4	06'4	06'4	06'4	06'5	06'5	06'5
67° 30'	06'0	06'0	06'0	06'0	06'0	06'1	06'1	06'1	06'1	06'1	06'2	06'2	06'2	06'3	06'3	06'3
67° 45'	05'7	05'8	05'8	05'8	05'8	05'8	05'9	05'9	05'9	05'9	05'9	06'0	06'0	06'0	06'1	06'1
68° 00'	05'5	05'5	05'6	05'6	05'6	05'6	05'6	05'7	05'7	05'7	05'7	05'7	05'8	05'8	05'8	05'8
68° 15'	05'3	05'3	05'3	05'4	05'4	05'4	05'4	05'4	05'5	05'5	05'5	05'5	05'6	05'6	05'6	05'6
68° 30'	05'1	05'1	05'1	05'1	05'2	05'2	05'2	05'2	05'2	05'3	05'3	05'3	05'3	05'3	05'3	05'4
68° 45'	04'9	04'9	04'9	04'9	04'9	04'9	05'0	05'0	05'0	05'0	05'1	05'1	05'1	05'1	05'1	05'1
69° 00'	04'6	04'7	04'7	04'7	04'7	04'7	04'8	04'8	04'8	04'8	04'8	04'8	04'9	04'9	04'9	04'9
69° 15'	04'4	04'4	04'4	04'5	04'5	04'5	04'5	04'5	04'5	04'6	04'6	04'6	04'6	04'6	04'6	04'7
69° 30'	04'2	04'2	04'2	04'2	04'3	04'3	04'3	04'3	04'3	04'4	04'4	04'4	04'4	04'4	04'4	04'4
69° 45'	04'0	04'0	04'0	04'0	04'0	04'0	04'1	04'1	04'1	04'1	04'1	04'2	04'2	04'2	04'2	04'2
70° 00'	03'8	03'8	03'8	03'8	03'8	03'8	03'9	03'9	03'9	03'9	03'9	03'9	03'9	03'9	03'9	04'0
70° 15'	03'5	03'5	03'6	03'6	03'6	03'6	03'6	03'6	03'7	03'7	03'7	03'7	03'7	03'7	03'7	03'7
70° 30'	03'3	03'3	03'3	03'3	03'4	03'4	03'4	03'4	03'4	03'4	03'4	03'5	03'5	03'5	03'5	03'5
70° 45'	03'1	03'1	03'1	03'1	03'1	03'1	03'2	03'2	03'2	03'2	03'2	03'2	03'2	03'2	03'2	03'3
71° 00'	02'9	02'9	02'9	02'9	02'9	02'9	02'9	02'9	03'0	03'0	03'0	03'0	03'0	03'0	03'0	03'0
71° 15'	02'6	02'7	02'7	02'7	02'7	02'7	02'7	02'7	02'7	02'7	02'7	02'8	02'8	02'8	02'8	02'8
71° 30'	02'4	02'4	02'4	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'6	02'6
71° 45'	02'2	02'2	02'2	02'2	02'2	02'2	02'2	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3
72° 00'	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'1	02'1	02'1	02'1	02'1
72° 15'	01'7	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8	01'8
72° 30'	01'5	01'5	01'5	01'5	01'6	01'6	01'6	01'6	01'6	01'6	01'6	01'6	01'6	01'6	01'6	01'6
72° 45'	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'3	01'4	01'4	01'4	01'4	01'4
73° 00'	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1	01'1
73° 15'	00'8	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9	00'9
73° 30'	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'6	00'7	00'7	00'7	00'7
73° 45'	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4
74° 00'	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2
74° 15'	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1
74° 30'	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3
74° 45'	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5	-00'5

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Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 54.0'-57.0'

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 57.0'- 60.0'

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 57.0'- 60.0'

Altitude	Horizontal Parallax															
	57°' 0	57°' 2	57°' 4	57°' 6	57°' 8	58°' 0	58°' 2	58°' 4	58°' 6	58°' 8	59°' 0	59°' 2	59°' 4	59°' 6	59°' 8	60°' 0
15° 00'	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6
15° 15'	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5
15° 30'	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5
15° 45'	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4
16° 00'	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3
16° 15'	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 3
16° 30'	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2
16° 45'	39' 0	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1
17° 00'	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 8	40' 9	41' 0
17° 15'	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	41' 0
17° 30'	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9
17° 45'	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 7	40' 8
18° 00'	38' 7	38' 8	38' 9	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7
18° 15'	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6
18° 30'	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5
18° 45'	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5
19° 00'	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4
19° 15'	38' 3	38' 4	38' 5	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3
19° 30'	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2
19° 45'	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1
20° 00'	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0
20° 15'	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9
20° 30'	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 8
20° 45'	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8
21° 00'	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7
21° 15'	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6
21° 30'	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5
21° 45'	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 2	39' 4
22° 00'	37' 3	37' 4	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 1	39' 3
22° 15'	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2
22° 30'	37' 1	37' 3	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	39' 0	39' 1
22° 45'	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 9	39' 0
23° 00'	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9
23° 15'	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8
23° 30'	36' 7	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 2	38' 3	38' 4	38' 5	38' 7
23° 45'	36' 6	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6
24° 00'	36' 5	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 5
24° 15'	36' 4	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 4
24° 30'	36' 3	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2
24° 45'	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0	38' 1
25° 00'	36' 1	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1	37' 3	37' 4	37' 5	37' 6	37' 8	37' 9	38' 0
25° 15'	36' 0	36' 1	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 5	37' 7	37' 8	37' 9
25° 30'	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8
25° 45'	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7
26° 00'	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6
26° 15'	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5
26° 30'	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3
26° 45'	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2
27° 00'	35' 3	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1
27° 15'	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0
27° 30'	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9
27° 45'	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6	36' 7
28° 00'	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5	36' 6
28° 15'	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4	36' 5
28° 30'	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1	36' 3	36' 4
28° 45'	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 3
29° 00'	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1
29° 15'	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0
29° 30'	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35		

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 57.0' - 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
30° 00'	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 3	35' 4	35' 5	35' 6
30° 15'	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5
30° 30'	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3
30° 45'	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2
31° 00'	33' 3	33' 4	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1
31° 15'	33' 2	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9
31° 30'	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8
31° 45'	32' 9	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 6	34' 7
32° 00'	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5
32° 15'	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4
32° 30'	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 3
32° 45'	32' 4	32' 5	32' 6	32' 7	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 7	33' 8	33' 9	34' 0	34' 1
33° 00'	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 9	34' 0
33° 15'	32' 1	32' 2	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8
33° 30'	32' 0	32' 1	32' 2	32' 3	32' 4	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7
33° 45'	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5
34° 00'	31' 7	31' 8	31' 9	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 1	33' 2	33' 3	33' 4
34° 15'	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2
34° 30'	31' 4	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 7	32' 8	32' 9	33' 0	33' 1
34° 45'	31' 3	31' 4	31' 5	31' 6	31' 7	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9
35° 00'	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8
35° 15'	31' 0	31' 1	31' 2	31' 3	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6
35° 30'	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5
35° 45'	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3
36° 00'	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2
36° 15'	30' 4	30' 5	30' 6	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0
36° 30'	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 5	31' 6	31' 7	31' 8	31' 9
36° 45'	30' 1	30' 2	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7
37° 00'	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 3	31' 4	31' 5	31' 6
37° 15'	29' 8	29' 9	30' 0	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4
37° 30'	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 3
37° 45'	29' 5	29' 6	29' 7	29' 8	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1
38° 00'	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9
38° 15'	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8
38° 30'	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6
38° 45'	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4
39° 00'	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3
39° 15'	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1
39° 30'	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9
39° 45'	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8
40° 00'	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6
40° 15'	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 1	29' 2	29' 3	29' 4
40° 30'	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3
40° 45'	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1
41° 00'	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	28' 9
41° 15'	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8
41° 30'	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 6
41° 45'	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 4
42° 00'	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 1	28' 2
42° 15'	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 1
42° 30'	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	27' 9
42° 45'	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7
43° 00'	26' 2	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 4	27' 5
43° 15'	26' 0	26' 1	26' 2	26' 3	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4
43° 30'	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2
43° 45'	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0
44° 00'	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 5	26' 6	26' 7	26' 8
44° 15'	25' 3	25' 4	25' 5	25' 6	25' 7	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 6
44° 30'	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 7	25' 7	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 4

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 57.0' - 60.0'

Altitude	Horizontal Parallax															
	57° 0'	57° 2'	57° 4'	57° 6'	57° 8'	58° 0'	58° 2'	58° 4'	58° 6'	58° 8'	59° 0'	59° 2'	59° 4'	59° 6'	59° 8'	60° 0'
45° 00'	24' 8	24' 9	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1
45° 15'	24' 6	24' 7	24' 8	24' 9	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 5	25' 5	25' 6	25' 7	25' 8	25' 9
45° 30'	24' 4	24' 5	24' 6	24' 7	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 4	25' 5	25' 6	25' 7
45° 45'	24' 2	24' 3	24' 4	24' 5	24' 6	24' 7	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 3	25' 4	25' 5
46° 00'	24' 1	24' 1	24' 2	24' 3	24' 4	24' 5	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0	25' 1	25' 2	25' 2	25' 3
46° 15'	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4	24' 5	24' 6	24' 6	24' 7	24' 8	24' 9	25' 0	25' 1	25' 1
46° 30'	23' 7	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9	25' 0
46° 45'	23' 5	23' 6	23' 7	23' 8	23' 9	23' 9	24' 0	24' 1	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6	24' 7	24' 8
47° 00'	23' 3	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 2	24' 2	24' 3	24' 4	24' 5	24' 6
47° 15'	23' 2	23' 2	23' 3	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4
47° 30'	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 5	23' 5	23' 6	23' 7	23' 8	23' 9	23' 9	24' 0	24' 1	24' 2
47° 45'	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0
48° 00'	22' 6	22' 7	22' 8	22' 8	22' 9	23' 0	23' 1	23' 2	23' 2	23' 3	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8
48° 15'	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6
48° 30'	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7	22' 8	22' 9	22' 9	23' 0	23' 1	23' 2	23' 3	23' 3	23' 4
48° 45'	22' 1	22' 1	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2
49° 00'	21' 9	21' 9	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4	22' 5	22' 6	22' 6	22' 7	22' 8	22' 9	22' 9	23' 0
49° 15'	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1	22' 1	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8
49° 30'	21' 5	21' 6	21' 6	21' 7	21' 8	21' 9	21' 9	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6
49° 45'	21' 3	21' 4	21' 4	21' 5	21' 6	21' 7	21' 7	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4
50° 00'	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1	22' 1	22' 2
50° 15'	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 9	21' 9	22' 0
50° 30'	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 2	21' 2	21' 3	21' 4	21' 5	21' 5	21' 6	21' 7	21' 7	21' 8
50° 45'	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	21' 0	21' 0	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 5	21' 6
51° 00'	20' 3	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 8	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 3	21' 4
51° 15'	20' 1	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2
51° 30'	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0
51° 45'	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 7	20' 7	20' 8
52° 00'	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 5	20' 5	20' 6
52° 15'	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4
52° 30'	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2
52° 45'	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0
53° 00'	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 6	19' 6	19' 7	19' 8
53° 15'	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 5
53° 30'	18' 4	18' 4	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 1	19' 2	19' 3	19' 3
53° 45'	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 6	18' 6	18' 7	18' 7	18' 8	18' 9	18' 9	19' 0	19' 1	19' 1
54° 00'	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 7	18' 7	18' 8	18' 9	18' 9
54° 15'	17' 8	17' 8	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 6	18' 7
54° 30'	17' 6	17' 6	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 1	18' 1	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5
54° 45'	17' 4	17' 4	17' 5	17' 5	17' 6	17' 7	17' 7	17' 8	17' 9	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3
55° 00'	17' 2	17' 2	17' 3	17' 3	17' 4	17' 5	17' 5	17' 6	17' 6	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 1
55° 15'	17' 0	17' 0	17' 1	17' 1	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 8
55° 30'	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4	17' 5	17' 5	17' 6	17' 6
55° 45'	16' 5	16' 6	16' 7	16' 7	16' 8	16' 8	16' 9	17' 0	17' 0	17' 1	17' 1	17' 2	17' 2	17' 3	17' 4	17' 4
56° 00'	16' 3	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 7	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 1	17' 2
56° 15'	16' 1	16' 2	16' 2	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0
56° 30'	15' 9	16' 0	16' 0	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 7	16' 7	16' 8
56° 45'	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5	16' 5
57° 00'	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 1	16' 1	16' 2	16' 2	16' 3	16' 3
57° 15'	15' 3	15' 4	15' 4	15' 5	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 1	16' 1
57° 30'	15' 1	15' 1	15' 2	15' 3	15' 3	15' 4	15' 4	15' 5	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9
57° 45'	14' 9	14' 9	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2	15' 3	15' 4	15' 4	15' 5	15' 5	15' 6	15' 6	15' 7
58° 00'	14' 7	14' 7	14' 8	14' 8	14' 9	14' 9	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2	15' 3	15' 3	15' 4	15' 4
58° 15'	14' 5	14' 5	14' 6	14' 6	14' 7	14' 7	14' 8	14' 8	14' 9	14' 9	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2
58° 30'	14' 2	14' 3	14' 3	14' 4	14' 4	14' 5	14' 5	14' 6	14' 6	14' 7	14' 7	14' 8	14' 8	14' 9	14' 9	15' 0
58° 45'	14' 0	14' 1	14' 1	14' 2	14' 2	14' 3	14' 3	14' 4	14' 4	14' 5	14' 5	14' 6	14' 6	14' 7	14' 7	14' 8
59° 00'	13' 8	13' 9	13' 9	14' 0	14' 0	14' 1	14' 1	14' 2	14' 2	14' 3	14' 3	14' 4	14' 4	14' 5	14' 5	14' 6
59° 15'	13' 6	13' 7	13' 7	13' 8	13' 8	13' 9	13' 9	13' 9	14' 0	14' 0	14' 1	14' 1	14' 2	14' 2	14' 3	14' 3
59° 30'	13' 4	13' 4	13' 5	13' 5	13' 6	13' 6	13' 7	13' 7	13' 8	13' 8	13' 9	13' 9	14' 0	14' 0	14' 1	14' 1

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 57.0'- 60.0'

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 57.0'- 60.0'

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 60.0'- 63.0'

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
15° 00'	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 9	43' 0	43' 1	43' 3	43' 4	43' 5	43' 7
15° 15'	41' 5	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 3	43' 5	43' 6
15° 30'	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4	43' 5
15° 45'	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9	43' 1	43' 2	43' 3	43' 5
16° 00'	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 3	43' 4
16° 15'	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9	43' 0	43' 2	43' 3
16° 30'	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4	42' 6	42' 7	42' 8	43' 0	43' 1	43' 2
16° 45'	41' 1	41' 2	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9	43' 0	43' 2
17° 00'	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7	42' 8	42' 9	43' 1
17° 15'	41' 0	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3	42' 5	42' 6	42' 7	42' 9	43' 0
17° 30'	40' 9	41' 0	41' 1	41' 3	41' 4	41' 6	41' 7	41' 8	42' 0	42' 1	42' 2	42' 4	42' 5	42' 6	42' 8	42' 9
17° 45'	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6	42' 7	42' 8
18° 00'	40' 7	40' 8	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 3	42' 5	42' 6	42' 7
18° 15'	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4	42' 5	42' 7
18° 30'	40' 5	40' 7	40' 8	41' 0	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3	42' 4	42' 6
18° 45'	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9	42' 1	42' 2	42' 4	42' 5
19° 00'	40' 4	40' 5	40' 6	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 1	42' 3	42' 4
19° 15'	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0	42' 2	42' 3
19° 30'	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	42' 0	42' 1	42' 2
19° 45'	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7	41' 9	42' 0	42' 1
20° 00'	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 2	41' 4	41' 5	41' 6	41' 8	41' 9	42' 0
20° 15'	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 7	41' 8	41' 9
20° 30'	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3	41' 4	41' 6	41' 7	41' 8
20° 45'	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 2	41' 3	41' 5	41' 6	41' 7
21° 00'	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 3	41' 4	41' 5	41' 6
21° 15'	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0	41' 2	41' 3	41' 4	41' 5
21° 30'	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9	41' 1	41' 2	41' 3	41' 4
21° 45'	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8	41' 0	41' 1	41' 2	41' 3
22° 00'	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1	41' 2
22° 15'	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 4	40' 5	40' 6	40' 7	40' 9	41' 0	41' 1
22° 30'	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4	40' 5	40' 6	40' 8	40' 9	41' 0
22° 45'	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 5	40' 7	40' 8	40' 9
23° 00'	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 0	40' 2	40' 3	40' 4	40' 6	40' 7	40' 8
23° 15'	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	39' 9	40' 1	40' 2	40' 3	40' 5	40' 6	40' 7
23° 30'	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8	40' 0	40' 1	40' 2	40' 3	40' 5	40' 6
23° 45'	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 3	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 2	40' 4	40' 5
24° 00'	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 4	39' 5	39' 6	39' 7	39' 9	40' 0	40' 1	40' 3	40' 4
24° 15'	38' 4	38' 5	38' 6	38' 7	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 1	40' 3
24° 30'	38' 2	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 1	39' 3	39' 4	39' 5	39' 6	39' 8	39' 9	40' 0	40' 2
24° 45'	38' 1	38' 3	38' 4	38' 5	38' 6	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9	40' 0
25° 00'	38' 0	38' 2	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 0	39' 2	39' 3	39' 4	39' 5	39' 7	39' 8	39' 9
25° 15'	37' 9	38' 0	38' 2	38' 3	38' 4	38' 5	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 4	39' 6	39' 7	39' 8
25° 30'	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 4	39' 6	39' 7
25° 45'	37' 7	37' 8	37' 9	38' 1	38' 2	38' 3	38' 4	38' 6	38' 7	38' 8	38' 9	39' 1	39' 2	39' 3	39' 5	39' 6
26° 00'	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 3	39' 5
26° 15'	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2	39' 3
26° 30'	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1	39' 2
26° 45'	37' 2	37' 4	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0	39' 1
27° 00'	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8	39' 0
27° 15'	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7	38' 8
27° 30'	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6	38' 7
27° 45'	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 9	38' 0	38' 1	38' 2	38' 3	38' 5	38' 6
28° 00'	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3	38' 5
28° 15'	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 4	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2	38' 3
28° 30'	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 0	38' 1	38' 2
28° 45'	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	38' 1	38' 1
29° 00'	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 5	37' 6	37' 7	37' 8	37' 9
29° 15'	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 8	37' 0	37' 1	37' 2	37' 3	37' 4	37' 6	37' 7	37' 8
29° 30'	35' 9	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7	36' 8	36' 9	37' 1	37' 2	37' 3	37' 4	37' 5	37' 7
29° 45'</td																

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60°' 0	60°' 2	60°' 4	60°' 6	60°' 8	61°' 0	61°' 2	61°' 4	61°' 6	61°' 8	62°' 0	62°' 2	62°' 4	62°' 6	62°' 8	63°' 0
30° 00'	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 4	36' 6	36' 7	36' 8	36' 9	37' 0	37' 2	37' 3	37' 4
30° 15'	35' 5	35' 6	35' 7	35' 8	36' 0	36' 1	36' 2	36' 3	36' 4	36' 5	36' 7	36' 8	36' 9	37' 0	37' 1	37' 3
30° 30'	35' 3	35' 5	35' 6	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4	36' 5	36' 6	36' 8	36' 9	37' 0	37' 1
30° 45'	35' 2	35' 3	35' 4	35' 6	35' 7	35' 8	35' 9	36' 0	36' 2	36' 3	36' 4	36' 5	36' 6	36' 7	36' 9	37' 0
31° 00'	35' 1	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1	36' 2	36' 4	36' 5	36' 6	36' 7	36' 8
31° 15'	34' 9	35' 1	35' 2	35' 3	35' 4	35' 5	35' 6	35' 8	35' 9	36' 0	36' 1	36' 2	36' 3	36' 5	36' 6	36' 7
31° 30'	34' 8	34' 9	35' 0	35' 2	35' 3	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0	36' 1	36' 2	36' 3	36' 4	36' 5
31° 45'	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 7	35' 8	35' 9	36' 1	36' 2	36' 3	36' 4
32° 00'	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 5	35' 6	35' 7	35' 8	35' 9	36' 0	36' 1	36' 3
32° 15'	34' 4	34' 5	34' 6	34' 7	34' 9	35' 0	35' 1	35' 2	35' 3	35' 4	35' 5	35' 7	35' 8	35' 9	36' 0	36' 1
32° 30'	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1	35' 2	35' 3	35' 4	35' 5	35' 6	35' 7	35' 9	36' 0
32° 45'	34' 1	34' 2	34' 3	34' 5	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2	35' 4	35' 5	35' 6	35' 7	35' 8
33° 00'	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8	34' 9	35' 0	35' 1	35' 2	35' 3	35' 4	35' 6	35' 7
33° 15'	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	35' 0	35' 1	35' 2	35' 3	35' 4	35' 5
33° 30'	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 0	35' 1	35' 3	35' 4
33° 45'	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 7	34' 8	34' 9	35' 0	35' 1	35' 2
34° 00'	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9	35' 1
34° 15'	33' 2	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 4	34' 5	34' 6	34' 7	34' 8	34' 9
34° 30'	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4	34' 5	34' 6	34' 8
34° 45'	32' 9	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 2	34' 3	34' 4	34' 5	34' 6
35° 00'	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1	34' 2	34' 3	34' 4
35° 15'	32' 6	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	34' 0	34' 1	34' 2	34' 3
35° 30'	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8	33' 9	34' 0	34' 1
35° 45'	32' 3	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 9	34' 0
36° 00'	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5	33' 6	33' 7	33' 8
36° 15'	32' 0	32' 1	32' 2	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3	33' 4	33' 5	33' 6
36° 30'	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 2	33' 3	33' 4	33' 5
36° 45'	31' 7	31' 8	31' 9	32' 0	32' 1	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1	33' 2	33' 3
37° 00'	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0	33' 1
37° 15'	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 4	32' 5	32' 6	32' 7	32' 8	32' 9	33' 0
37° 30'	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6	32' 7	32' 8
37° 45'	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5	32' 6
38° 00'	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3	32' 4	32' 5
38° 15'	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1	32' 2	32' 3
38° 30'	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0	32' 1
38° 45'	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8	31' 9	32' 0
39° 00'	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6	31' 7	31' 8
39° 15'	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4	31' 5	31' 6
39° 30'	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3	31' 4
39° 45'	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1	31' 2	31' 3
40° 00'	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9	31' 0	31' 1
40° 15'	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7	30' 8	30' 9
40° 30'	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 2	30' 3	30' 4	30' 5	30' 6	30' 7
40° 45'	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4	30' 5	30' 6
41° 00'	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3	30' 4
41° 15'	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1	30' 2	30' 3
41° 30'	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9	30' 0	30' 1
41° 45'	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7	29' 8	29' 9
42° 00'	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6	29' 7
42° 15'	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4	29' 5	29' 6
42° 30'	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2	29' 3	29' 4
42° 45'	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9	29' 0	29' 1	29' 2
43° 00'	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 4	28' 5	28' 6	28' 7	28' 8	28' 9
43° 15'	27' 4	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 4	28' 4	28' 5	28' 6	28' 7
43° 30'	27' 2	27' 3	27' 4	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 3	28' 4	28' 5
43° 45'	27' 0	27' 1	27' 2	27' 3	27' 4	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2	28' 3	28' 3
44° 00'	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 3	27' 4	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0	28' 1	28' 2
44° 15'	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 5	27' 6	27' 7	27' 8	27' 9	28' 0
44° 30'	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4	27' 5	27' 6	27' 7		

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 60.0'- 63.0'

Altitude	Horizontal Parallax															
	60° 0'	60° 2'	60° 4'	60° 6'	60° 8'	61° 0'	61° 2'	61° 4'	61° 6'	61° 8'	62° 0'	62° 2'	62° 4'	62° 6'	62° 8'	63° 0'
45° 00'	26' 1	26' 2	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 9	26' 9	27' 0	27' 1	27' 2	27' 3	27' 4
45° 15'	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 7	26' 8	26' 8	26' 9	27' 0	27' 1	27' 2
45° 30'	25' 7	25' 8	25' 9	26' 0	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 6	26' 6	26' 7	26' 8	26' 9	27' 0
45° 45'	25' 5	25' 6	25' 7	25' 8	25' 9	25' 9	26' 0	26' 1	26' 2	26' 3	26' 4	26' 5	26' 5	26' 6	26' 7	26' 8
46° 00'	25' 3	25' 4	25' 5	25' 6	25' 7	25' 8	25' 8	25' 9	26' 0	26' 1	26' 2	26' 3	26' 3	26' 4	26' 5	26' 6
46° 15'	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8	25' 9	26' 0	26' 1	26' 1	26' 2	26' 3	26' 4
46° 30'	25' 0	25' 0	25' 1	25' 2	25' 3	25' 4	25' 4	25' 5	25' 6	25' 7	25' 8	25' 9	25' 9	26' 0	26' 1	26' 2
46° 45'	24' 8	24' 8	24' 9	25' 0	25' 1	25' 2	25' 3	25' 3	25' 4	25' 5	25' 6	25' 7	25' 8	25' 8	25' 9	26' 0
47° 00'	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0	25' 1	25' 1	25' 2	25' 3	25' 4	25' 5	25' 6	25' 6	25' 7	25' 8
47° 15'	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8	24' 9	24' 9	25' 0	25' 1	25' 2	25' 3	25' 4	25' 4	25' 5	25' 6
47° 30'	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0	25' 1	25' 2	25' 2	25' 3	25' 4
47° 45'	24' 0	24' 1	24' 2	24' 2	24' 3	24' 4	24' 5	24' 6	24' 6	24' 7	24' 8	24' 9	25' 0	25' 0	25' 1	25' 2
48° 00'	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 4	24' 4	24' 5	24' 6	24' 7	24' 7	24' 8	24' 9	25' 0
48° 15'	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 2	24' 2	24' 3	24' 4	24' 5	24' 5	24' 6	24' 7	24' 8
48° 30'	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8	23' 9	24' 0	24' 0	24' 1	24' 2	24' 3	24' 3	24' 4	24' 5	24' 6
48° 45'	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 8	23' 8	23' 9	24' 0	24' 1	24' 1	24' 2	24' 3	24' 4
49° 00'	23' 0	23' 1	23' 2	23' 2	23' 3	23' 4	23' 5	23' 6	23' 6	23' 7	23' 8	23' 9	23' 9	24' 0	24' 1	24' 2
49° 15'	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 3	23' 4	23' 5	23' 6	23' 7	23' 7	23' 8	23' 9	24' 0
49° 30'	22' 6	22' 7	22' 8	22' 8	22' 9	23' 0	23' 1	23' 1	23' 2	23' 3	23' 4	23' 4	23' 5	23' 6	23' 7	23' 7
49° 45'	22' 4	22' 5	22' 6	22' 6	22' 7	22' 8	22' 9	22' 9	23' 0	23' 1	23' 2	23' 2	23' 3	23' 4	23' 5	23' 5
50° 00'	22' 2	22' 3	22' 4	22' 4	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 0	23' 1	23' 2	23' 3	23' 3
50° 15'	22' 0	22' 1	22' 2	22' 2	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7	22' 7	22' 8	22' 9	23' 0	23' 1	23' 1
50° 30'	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7	22' 8	22' 8	22' 9
50° 45'	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 0	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5	22' 5	22' 6	22' 7
51° 00'	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1	22' 1	22' 2	22' 3	22' 3	22' 4	22' 5
51° 15'	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1	22' 1	22' 2	22' 3
51° 30'	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8	21' 8	21' 9	22' 0	22' 1
51° 45'	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6	21' 7	21' 8
52° 00'	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 3	21' 4	21' 5	21' 6	21' 6
52° 15'	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7	20' 8	20' 9	20' 9	21' 0	21' 1	21' 1	21' 2	21' 3	21' 4	21' 4
52° 30'	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 8	20' 9	21' 0	21' 0	21' 1	21' 2
52° 45'	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 6	20' 6	20' 7	20' 8	20' 8	20' 9	21' 0
53° 00'	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3	20' 4	20' 4	20' 5	20' 5	20' 6	20' 7	20' 7
53° 15'	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9	20' 0	20' 1	20' 1	20' 2	20' 3	20' 3	20' 4	20' 5	20' 5
53° 30'	19' 3	19' 4	19' 5	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9	19' 9	20' 0	20' 0	20' 1	20' 2	20' 2	20' 3
53° 45'	19' 1	19' 2	19' 3	19' 3	19' 4	19' 4	19' 5	19' 5	19' 6	19' 7	19' 8	19' 8	19' 9	20' 0	20' 0	20' 1
54° 00'	18' 9	19' 0	19' 0	19' 1	19' 2	19' 2	19' 3	19' 4	19' 4	19' 5	19' 5	19' 6	19' 7	19' 7	19' 8	19' 9
54° 15'	18' 7	18' 8	18' 8	18' 9	19' 0	19' 0	19' 1	19' 1	19' 2	19' 3	19' 3	19' 4	19' 5	19' 5	19' 6	19' 6
54° 30'	18' 5	18' 6	18' 6	18' 7	18' 7	18' 8	18' 8	18' 9	18' 9	19' 0	19' 0	19' 1	19' 2	19' 3	19' 4	19' 4
54° 45'	18' 3	18' 3	18' 4	18' 5	18' 5	18' 6	18' 6	18' 7	18' 8	18' 8	18' 9	18' 9	19' 0	19' 1	19' 1	19' 2
55° 00'	18' 1	18' 1	18' 2	18' 2	18' 3	18' 4	18' 4	18' 5	18' 5	18' 6	18' 7	18' 7	18' 8	18' 8	18' 9	19' 0
55° 15'	17' 8	17' 9	18' 0	18' 0	18' 1	18' 1	18' 2	18' 3	18' 3	18' 4	18' 4	18' 5	18' 6	18' 6	18' 7	18' 7
55° 30'	17' 6	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 0	18' 1	18' 2	18' 2	18' 3	18' 3	18' 4	18' 5	18' 5
55° 45'	17' 4	17' 5	17' 5	17' 6	17' 7	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 1	18' 1	18' 2	18' 2	18' 3
56° 00'	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 5	17' 6	17' 7	17' 7	17' 8	17' 8	17' 9	17' 9	18' 0	18' 1
56° 15'	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 6	17' 6	17' 7	17' 7	17' 8	17' 8
56° 30'	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4	17' 4	17' 5	17' 5	17' 6
56° 45'	16' 5	16' 6	16' 7	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 2	17' 2	17' 3	17' 3	17' 4
57° 00'	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 7	16' 7	16' 8	16' 8	16' 9	16' 9	17' 0	17' 0	17' 1	17' 1
57° 15'	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7	16' 8	16' 8	16' 9	16' 9
57° 30'	15' 9	15' 9	16' 0	16' 0	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 4	16' 5	16' 5	16' 6	16' 6	16' 7
57° 45'	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 0	16' 1	16' 1	16' 2	16' 2	16' 3	16' 3	16' 4	16' 5
58° 00'	15' 4	15' 5	15' 5	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0	16' 0	16' 1	16' 1	16' 2	16' 2
58° 15'	15' 2	15' 3	15' 3	15' 4	15' 4	15' 5	15' 5	15' 6	15' 6	15' 7	15' 7	15' 8	15' 8	15' 9	15' 9	16' 0
58° 30'	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2	15' 3	15' 3	15' 4	15' 4	15' 5	15' 5	15' 6	15' 6	15' 7	15' 7
58° 45'	14' 8	14' 8	14' 9	14' 9	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2	15' 3	15' 3	15' 4	15' 4	15' 5	15' 5
59° 00'	14' 6	14' 6	14' 6	14' 7	14' 7	14' 8	14' 8	14' 9	14' 9	15' 0	15' 0	15' 1	15' 1	15' 2	15' 2	15' 3
59° 15'	14' 3	14' 4	14' 4	14' 5	14' 5	14' 6	14' 6	14' 7	14' 7	14' 8	14' 8	14' 9	14' 9	15' 0	15' 0	15' 0
59° 30'	14' 1	14' 1	14' 2	14' 2	14' 3	14' 3	14' 4	14' 4	14' 5	14' 5	14' 6	14' 6	14' 7	14' 7	14' 8	14' 8
59° 45'</td																

**Table for combined Parallax - Semi-Diameter Correction
(Moon upper limb)**

HP 60.0'- 63.0'

Horizontal Parallax																
Altitude	60° 0' 0"	60° 2' 0"	60° 4' 0"	60° 6' 0"	60° 8' 0"	61° 0' 0"	61° 2' 0"	61° 4' 0"	61° 6' 0"	61° 8' 0"	62° 0' 0"	62° 2' 0"	62° 4' 0"	62° 6' 0"	62° 8' 0"	63° 0' 0"
60° 00'	13'7	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0	14'1	14'1	14'2	14'2	14'2	14'3	14'3
60° 15'	13'4	13'5	13'5	13'6	13'6	13'6	13'7	13'7	13'8	13'8	13'9	13'9	14'0	14'0	14'0	14'1
60° 30'	13'2	13'2	13'3	13'3	13'4	13'4	13'5	13'5	13'5	13'6	13'6	13'7	13'7	13'8	13'8	13'9
60° 45'	13'0	13'0	13'1	13'1	13'1	13'2	13'2	13'3	13'3	13'4	13'4	13'4	13'5	13'5	13'6	13'6
61° 00'	12'7	12'8	12'8	12'9	12'9	13'0	13'0	13'0	13'1	13'1	13'2	13'2	13'2	13'3	13'3	13'4
61° 15'	12'5	12'6	12'6	12'6	12'7	12'7	12'8	12'8	12'8	12'9	12'9	13'0	13'0	13'1	13'1	13'1
61° 30'	12'3	12'3	12'4	12'4	12'4	12'5	12'5	12'6	12'6	12'6	12'7	12'7	12'8	12'8	12'9	12'9
61° 45'	12'0	12'1	12'1	12'2	12'2	12'3	12'3	12'4	12'4	12'4	12'5	12'5	12'5	12'6	12'6	12'7
62° 00'	11'8	11'9	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2	12'2	12'3	12'3	12'3	12'4	12'4
62° 15'	11'6	11'6	11'7	11'7	11'7	11'8	11'8	11'9	11'9	11'9	12'0	12'0	12'1	12'1	12'1	12'2
62° 30'	11'4	11'4	11'4	11'5	11'5	11'5	11'6	11'6	11'7	11'7	11'7	11'8	11'8	11'8	11'9	11'9
62° 45'	11'1	11'2	11'2	11'2	11'3	11'3	11'4	11'4	11'5	11'5	11'5	11'6	11'6	11'6	11'7	11'7
63° 00'	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'1	11'2	11'2	11'3	11'3	11'3	11'4	11'4	11'4
63° 15'	10'7	10'7	10'7	10'8	10'8	10'8	10'9	10'9	10'9	11'0	11'0	11'0	11'1	11'1	11'2	11'2
63° 30'	10'4	10'5	10'5	10'5	10'6	10'6	10'7	10'7	10'7	10'8	10'8	10'8	10'9	10'9	10'9	10'9
63° 45'	10'2	10'2	10'3	10'3	10'3	10'4	10'4	10'4	10'5	10'5	10'5	10'6	10'6	10'6	10'7	10'7
64° 00'	10'0	10'0	10'0	10'1	10'1	10'1	10'2	10'2	10'2	10'3	10'3	10'3	10'4	10'4	10'4	10'5
64° 15'	09'7	09'7	09'8	09'8	09'8	09'9	09'9	09'9	10'0	10'0	10'0	10'1	10'1	10'1	10'2	10'2
64° 30'	09'5	09'5	09'5	09'6	09'6	09'6	09'7	09'7	09'7	09'8	09'8	09'8	09'9	09'9	09'9	10'0
64° 45'	09'2	09'3	09'3	09'3	09'4	09'4	09'4	09'5	09'5	09'5	09'6	09'6	09'6	09'7	09'7	09'7
65° 00'	09'0	09'0	09'1	09'1	09'1	09'2	09'2	09'2	09'3	09'3	09'3	09'4	09'4	09'4	09'4	09'5
65° 15'	08'8	08'8	08'8	08'9	08'9	08'9	08'9	08'9	09'0	09'0	09'0	09'1	09'1	09'1	09'2	09'2
65° 30'	08'5	08'6	08'6	08'6	08'6	08'7	08'7	08'7	08'8	08'8	08'8	08'8	08'9	08'9	08'9	09'0
65° 45'	08'3	08'3	08'3	08'4	08'4	08'4	08'5	08'5	08'5	08'5	08'6	08'6	08'6	08'7	08'7	08'7
66° 00'	08'1	08'1	08'1	08'1	08'2	08'2	08'2	08'2	08'3	08'3	08'3	08'4	08'4	08'4	08'5	08'5
66° 15'	07'8	07'8	07'9	07'9	07'9	07'9	08'0	08'0	08'0	08'0	08'1	08'1	08'1	08'2	08'2	08'2
66° 30'	07'6	07'6	07'6	07'7	07'7	07'7	07'7	07'8	07'8	07'8	07'8	07'9	07'9	07'9	07'9	08'0
66° 45'	07'3	07'4	07'4	07'4	07'4	07'5	07'5	07'5	07'5	07'6	07'6	07'6	07'7	07'7	07'7	07'7
67° 00'	07'1	07'1	07'1	07'2	07'2	07'2	07'3	07'3	07'3	07'3	07'3	07'4	07'4	07'4	07'4	07'4
67° 15'	06'9	06'9	06'9	06'9	06'9	07'0	07'0	07'0	07'0	07'1	07'1	07'1	07'1	07'1	07'2	07'2
67° 30'	06'6	06'6	06'7	06'7	06'7	06'7	06'7	06'8	06'8	06'8	06'8	06'9	06'9	06'9	06'9	06'9
67° 45'	06'4	06'4	06'4	06'5	06'5	06'5	06'5	06'5	06'6	06'6	06'6	06'6	06'6	06'7	06'7	06'7
68° 00'	06'1	06'1	06'2	06'2	06'2	06'2	06'2	06'3	06'3	06'3	06'3	06'4	06'4	06'4	06'4	06'4
68° 15'	05'9	05'9	05'9	05'9	06'0	06'0	06'0	06'0	06'1	06'1	06'1	06'1	06'1	06'2	06'2	06'2
68° 30'	05'6	05'7	05'7	05'7	05'7	05'7	05'8	05'8	05'8	05'8	05'8	05'9	05'9	05'9	05'9	05'9
68° 45'	05'4	05'4	05'4	05'5	05'5	05'5	05'5	05'5	05'6	05'6	05'6	05'6	05'6	05'6	05'6	05'7
69° 00'	05'2	05'2	05'2	05'2	05'2	05'2	05'3	05'3	05'3	05'3	05'3	05'4	05'4	05'4	05'4	05'4
69° 15'	04'9	04'9	04'9	05'0	05'0	05'0	05'0	05'0	05'0	05'1	05'1	05'1	05'1	05'1	05'2	05'2
69° 30'	04'7	04'7	04'7	04'7	04'7	04'7	04'8	04'8	04'8	04'8	04'8	04'8	04'8	04'9	04'9	04'9
69° 45'	04'4	04'4	04'4	04'5	04'5	04'5	04'5	04'5	04'6	04'6	04'6	04'6	04'6	04'6	04'6	04'6
70° 00'	04'2	04'2	04'2	04'2	04'2	04'2	04'3	04'3	04'3	04'3	04'3	04'3	04'4	04'4	04'4	04'4
70° 15'	03'9	03'9	04'0	04'0	04'0	04'0	04'0	04'0	04'0	04'0	04'1	04'1	04'1	04'1	04'1	04'1
70° 30'	03'7	03'7	03'7	03'7	03'7	03'7	03'8	03'8	03'8	03'8	03'8	03'8	03'8	03'9	03'9	03'9
70° 45'	03'4	03'4	03'5	03'5	03'5	03'5	03'5	03'5	03'5	03'5	03'5	03'6	03'6	03'6	03'6	03'6
71° 00'	03'2	03'2	03'2	03'2	03'2	03'2	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'3	03'3
71° 15'	02'9	02'9	03'0	03'0	03'0	03'0	03'0	03'0	03'0	03'0	03'0	03'0	03'1	03'1	03'1	03'1
71° 30'	02'7	02'7	02'7	02'7	02'7	02'7	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8	02'8
71° 45'	02'4	02'4	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'5	02'6	02'6	02'6
72° 00'	02'2	02'2	02'2	02'2	02'2	02'2	02'2	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3	02'3
72° 15'	01'9	01'9	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0	02'0
72° 30'	01'7	01'7	01'7	01'7	01'7	01'7	01'7	01'7	01'7	01'7	01'7	01'8	01'8	01'8	01'8	01'8
72° 45'	01'4	01'4	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5	01'5
73° 00'	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'2	01'3
73° 15'	00'9	00'9	00'9	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0	01'0
73° 30'	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7	00'7
73° 45'	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'4	00'5	00'5	00'5	00'5	00'5	00'5	00'5	00'5
74° 00'	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2	00'2
74° 15'	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1	-00'1
74° 30'	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3	-00'3
74° 45'	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6	-00'6

Warning: This page has been generated by a computer program. Complex computer programs usually have bugs and may produce wrong data. The data on this page is believed to be accurate but no warranty is given for its correctness. Use it only for training and exercising!

Table for combined Parallax - Semi-Diameter Correction (Moon upper limb)

HP 60.0'- 63.0'

Table of Offsets for Straight Line of Position

Distance along the Line of Position from the intercept point										
	0 nm	5 nm	10 nm	15 nm	20 nm	25 nm	30 nm	35 nm	40 nm	45 nm
Altitude										
0° 00'	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
30° 00'	00.0	00.0	00.0	00.0	00.0	00.1	00.1	00.1	00.1	00.2
40° 00'	00.0	00.0	00.0	00.0	00.1	00.1	00.1	00.2	00.2	00.3
50° 00'	00.0	00.0	00.0	00.0	00.1	00.1	00.2	00.2	00.3	00.3
55° 00'	00.0	00.0	00.0	00.0	00.1	00.1	00.2	00.3	00.3	00.4
60° 00'	00.0	00.0	00.0	00.1	00.1	00.2	00.2	00.3	00.4	00.5
62° 00'	00.0	00.0	00.0	00.1	00.1	00.2	00.2	00.3	00.4	00.5
64° 00'	00.0	00.0	00.0	00.1	00.1	00.2	00.3	00.4	00.5	00.6
66° 00'	00.0	00.0	00.0	00.1	00.1	00.2	00.3	00.4	00.5	00.7
68° 00'	00.0	00.0	00.0	00.1	00.1	00.2	00.3	00.4	00.5	00.7
70° 00'	00.0	00.0	00.0	00.1	00.2	00.2	00.4	00.5	00.6	00.8
71° 00'	00.0	00.0	00.0	00.1	00.2	00.3	00.4	00.5	00.7	00.9
72° 00'	00.0	00.0	00.0	00.1	00.2	00.3	00.4	00.5	00.7	00.9
73° 00'	00.0	00.0	00.0	00.1	00.2	00.3	00.4	00.6	00.8	01.0
74° 00'	00.0	00.0	00.1	00.1	00.2	00.3	00.5	00.6	00.8	01.0
75° 00'	00.0	00.0	00.1	00.1	00.2	00.3	00.5	00.7	00.9	01.1
76° 00'	00.0	00.0	00.1	00.1	00.2	00.4	00.5	00.7	00.9	01.2
77° 00'	00.0	00.0	00.1	00.1	00.3	00.4	00.6	00.8	01.0	01.3
78° 00'	00.0	00.0	00.1	00.2	00.3	00.4	00.6	00.8	01.1	01.4
79° 00'	00.0	00.0	00.1	00.2	00.3	00.5	00.7	00.9	01.2	01.5
80° 00'	00.0	00.0	00.1	00.2	00.3	00.5	00.7	01.0	01.3	01.7
80° 30'	00.0	00.0	00.1	00.2	00.3	00.5	00.8	01.1	01.4	01.8
81° 00'	00.0	00.0	00.1	00.2	00.4	00.6	00.8	01.1	01.5	01.9
81° 30'	00.0	00.0	00.1	00.2	00.4	00.6	00.9	01.2	01.6	02.1
82° 00'	00.0	00.0	00.1	00.2	00.4	00.6	00.9	01.3	01.7	02.1
82° 30'	00.0	00.0	00.1	00.2	00.4	00.7	01.0	01.4	01.8	02.2
83° 00'	00.0	00.0	00.1	00.3	00.5	00.7	01.1	01.5	01.9	02.4
83° 30'	00.0	00.0	00.1	00.3	00.5	00.8	01.2	01.6	02.0	02.6
84° 00'	00.0	00.0	00.1	00.3	00.5	00.9	01.2	01.7	02.2	02.8
84° 30'	00.0	00.0	00.2	00.3	00.6	01.0	01.4	01.9	02.4	03.1
85° 00'	00.0	00.0	00.2	00.4	00.7	01.0	01.5	02.1	02.7	03.4
85° 30'	00.0	00.0	00.2	00.4	00.7	01.2	01.7	02.3	03.0	03.8
86° 00'	00.0	00.1	00.2	00.5	00.8	01.3	01.9	02.6	03.4	04.3
86° 30'	00.0	00.1	00.2	00.5	01.0	01.5	02.2	02.9	03.8	04.9
87° 00'	00.0	00.1	00.3	00.6	01.1	01.7	02.5	03.4	04.5	05.7
87° 30'	00.0	00.1	00.3	00.8	01.3	02.1	03.0	04.1	05.4	06.9
88° 00'	00.0	00.1	00.4	00.9	01.7	02.7	03.8	05.2	06.9	08.8
88° 30'	00.0	00.2	00.6	01.3	02.3	03.5	05.1	07.1	09.4	12.1
89° 00'	00.0	00.3	00.8	01.9	03.4	05.5	08.0	11.3	15.3	20.3

The above Table of Offsets gives corrections (in nautical miles) to the straight Line of Position (LoP) as drawn on a plotting sheet to provide a closer approximation of the arc of the "circle of equal altitude", a circle of radius equal to the zenith distance. The corrections are offsets of points on the LoP and are drawn at right angles to the LoP in the direction of the observed object. The offset points are joined to obtain the arc of the "circle of equal altitude". Usually, the desired approximation of the arc can be obtained by drawing a straight line through two offset points.

The magnitude of the offsets depend on the observed Altitude and on the distance along the LoP from the intercept point to the offset point.



