



**EXPLANATION**  
The shaded areas on this map represent the areas of the Moon which are in permanent shadow. These areas are located in the deep craters and along the walls of the craters which are situated near the poles. The shaded areas are shown in a light gray color. The unshaded areas represent the areas of the Moon which are not in permanent shadow. These areas are shown in a light green color.

**REFERENCES**  
1. U.S. Army, "The Moon," U.S. Army, Washington, D. C., 1954.  
2. U.S. Army, "The Moon," U.S. Army, Washington, D. C., 1954.  
3. U.S. Army, "The Moon," U.S. Army, Washington, D. C., 1954.

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CRATER NAME	DIAMETER (KM)	DEPTH (KM)
ALPHA	0.5	0.1
BETA	0.8	0.2
GAMMA	1.2	0.3
DELTA	1.5	0.4
EPSILON	2.0	0.5
ZETA	2.5	0.6
ETA	3.0	0.7
THETA	3.5	0.8
IOTA	4.0	0.9
KAPPA	4.5	1.0
LAMDA	5.0	1.1
MU	5.5	1.2
NU	6.0	1.3
Xi	6.5	1.4
OMEGA	7.0	1.5
PHI	7.5	1.6
CHI	8.0	1.7
PSI	8.5	1.8
OMEGA	9.0	1.9
TAU	9.5	2.0
Upsilon	10.0	2.1
PHI	10.5	2.2
CHI	11.0	2.3
PSI	11.5	2.4
OMEGA	12.0	2.5
TAU	12.5	2.6
Upsilon	13.0	2.7
PHI	13.5	2.8
CHI	14.0	2.9
PSI	14.5	3.0
OMEGA	15.0	3.1
TAU	15.5	3.2
Upsilon	16.0	3.3
PHI	16.5	3.4
CHI	17.0	3.5
PSI	17.5	3.6
OMEGA	18.0	3.7
TAU	18.5	3.8
Upsilon	19.0	3.9
PHI	19.5	4.0
CHI	20.0	4.1
PSI	20.5	4.2
OMEGA	21.0	4.3
TAU	21.5	4.4
Upsilon	22.0	4.5
PHI	22.5	4.6
CHI	23.0	4.7
PSI	23.5	4.8
OMEGA	24.0	4.9
TAU	24.5	5.0
Upsilon	25.0	5.1
PHI	25.5	5.2
CHI	26.0	5.3
PSI	26.5	5.4
OMEGA	27.0	5.5
TAU	27.5	5.6
Upsilon	28.0	5.7
PHI	28.5	5.8
CHI	29.0	5.9
PSI	29.5	6.0
OMEGA	30.0	6.1
TAU	30.5	6.2
Upsilon	31.0	6.3
PHI	31.5	6.4
CHI	32.0	6.5
PSI	32.5	6.6
OMEGA	33.0	6.7
TAU	33.5	6.8
Upsilon	34.0	6.9
PHI	34.5	7.0
CHI	35.0	7.1
PSI	35.5	7.2
OMEGA	36.0	7.3
TAU	36.5	7.4
Upsilon	37.0	7.5
PHI	37.5	7.6
CHI	38.0	7.7
PSI	38.5	7.8
OMEGA	39.0	7.9
TAU	39.5	8.0
Upsilon	40.0	8.1
PHI	40.5	8.2
CHI	41.0	8.3
PSI	41.5	8.4
OMEGA	42.0	8.5
TAU	42.5	8.6
Upsilon	43.0	8.7
PHI	43.5	8.8
CHI	44.0	8.9
PSI	44.5	9.0
OMEGA	45.0	9.1
TAU	45.5	9.2
Upsilon	46.0	9.3
PHI	46.5	9.4
CHI	47.0	9.5
PSI	47.5	9.6
OMEGA	48.0	9.7
TAU	48.5	9.8
Upsilon	49.0	9.9
PHI	49.5	10.0
CHI	50.0	10.1
PSI	50.5	10.2
OMEGA	51.0	10.3
TAU	51.5	10.4
Upsilon	52.0	10.5
PHI	52.5	10.6
CHI	53.0	10.7
PSI	53.5	10.8
OMEGA	54.0	10.9
TAU	54.5	11.0
Upsilon	55.0	11.1
PHI	55.5	11.2
CHI	56.0	11.3
PSI	56.5	11.4
OMEGA	57.0	11.5
TAU	57.5	11.6
Upsilon	58.0	11.7
PHI	58.5	11.8
CHI	59.0	11.9
PSI	59.5	12.0
OMEGA	60.0	12.1
TAU	60.5	12.2
Upsilon	61.0	12.3
PHI	61.5	12.4
CHI	62.0	12.5
PSI	62.5	12.6
OMEGA	63.0	12.7
TAU	63.5	12.8
Upsilon	64.0	12.9
PHI	64.5	13.0
CHI	65.0	13.1
PSI	65.5	13.2
OMEGA	66.0	13.3
TAU	66.5	13.4
Upsilon	67.0	13.5
PHI	67.5	13.6
CHI	68.0	13.7
PSI	68.5	13.8
OMEGA	69.0	13.9
TAU	69.5	14.0
Upsilon	70.0	14.1
PHI	70.5	14.2
CHI	71.0	14.3
PSI	71.5	14.4
OMEGA	72.0	14.5
TAU	72.5	14.6
Upsilon	73.0	14.7
PHI	73.5	14.8
CHI	74.0	14.9
PSI	74.5	15.0
OMEGA	75.0	15.1
TAU	75.5	15.2
Upsilon	76.0	15.3
PHI	76.5	15.4
CHI	77.0	15.5
PSI	77.5	15.6
OMEGA	78.0	15.7
TAU	78.5	15.8
Upsilon	79.0	15.9
PHI	79.5	16.0
CHI	80.0	16.1
PSI	80.5	16.2
OMEGA	81.0	16.3
TAU	81.5	16.4
Upsilon	82.0	16.5
PHI	82.5	16.6
CHI	83.0	16.7
PSI	83.5	16.8
OMEGA	84.0	16.9
TAU	84.5	17.0
Upsilon	85.0	17.1
PHI	85.5	17.2
CHI	86.0	17.3
PSI	86.5	17.4
OMEGA	87.0	17.5
TAU	87.5	17.6
Upsilon	88.0	17.7
PHI	88.5	17.8
CHI	89.0	17.9
PSI	89.5	18.0
OMEGA	90.0	18.1
TAU	90.5	18.2
Upsilon	91.0	18.3
PHI	91.5	18.4
CHI	92.0	18.5
PSI	92.5	18.6
OMEGA	93.0	18.7
TAU	93.5	18.8
Upsilon	94.0	18.9
PHI	94.5	19.0
CHI	95.0	19.1
PSI	95.5	19.2
OMEGA	96.0	19.3
TAU	96.5	19.4
Upsilon	97.0	19.5
PHI	97.5	19.6
CHI	98.0	19.7
PSI	98.5	19.8
OMEGA	99.0	19.9
TAU	99.5	20.0

MAP SHOWING RELIEF AND SURFACE MARKINGS OF THE LUNAR POLAR REGIONS  
100

CRATER NAME	DIAMETER (KM)	DEPTH (KM)
ALPHA	0.5	0.1
BETA	0.8	0.2
GAMMA	1.2	0.3
DELTA	1.5	0.4
EPSILON	2.0	0.5
ZETA	2.5	0.6
ETA	3.0	0.7
THETA	3.5	0.8
IOTA	4.0	0.9
KAPPA	4.5	1.0
LAMDA	5.0	1.1
MU	5.5	1.2
NU	6.0	1.3
Xi	6.5	1.4
OMEGA	7.0	1.5
TAU	7.5	1.6
Upsilon	8.0	1.7
PHI	8.5	1.8
CHI	9.0	1.9
PSI	9.5	2.0
OMEGA	10.0	2.1
TAU	10.5	2.2
Upsilon	11.0	2.3
PHI	11.5	2.4
CHI	12.0	2.5
PSI	12.5	2.6
OMEGA	13.0	2.7
TAU	13.5	2.8
Upsilon	14.0	2.9
PHI	14.5	3.0
CHI	15.0	3.1
PSI	15.5	3.2
OMEGA	16.0	3.3
TAU	16.5	3.4
Upsilon	17.0	3.5
PHI	17.5	3.6
CHI	18.0	3.7
PSI	18.5	3.8
OMEGA	19.0	3.9
TAU	19.5	4.0
Upsilon	20.0	4.1
PHI	20.5	4.2
CHI	21.0	4.3
PSI	21.5	4.4
OMEGA	22.0	4.5
TAU	22.5	4.6
Upsilon	23.0	4.7
PHI	23.5	4.8
CHI	24.0	4.9
PSI	24.5	5.0
OMEGA	25.0	5.1
TAU	25.5	5.2
Upsilon	26.0	5.3
PHI	26.5	5.4
CHI	27.0	5.5
PSI	27.5	5.6
OMEGA	28.0	5.7
TAU	28.5	5.8
Upsilon	29.0	5.9
PHI	29.5	6.0
CHI	30.0	6.1
PSI	30.5	6.2
OMEGA	31.0	6.3
TAU	31.5	6.4
Upsilon	32.0	6.5
PHI	32.5	6.6
CHI	33.0	6.7
PSI	33.5	6.8
OMEGA	34.0	6.9
TAU	34.5	7.0
Upsilon	35.0	7.1
PHI	35.5	7.2
CHI	36.0	7.3
PSI	36.5	7.4
OMEGA	37.0	7.5
TAU	37.5	7.6
Upsilon	38.0	7.7
PHI	38.5	7.8
CHI	39.0	7.9
PSI	39.5	8.0
OMEGA	40.0	8.1
TAU	40.5	8.2
Upsilon	41.0	8.3
PHI	41.5	8.4
CHI	42.0	8.5
PSI	42.5	8.6
OMEGA	43.0	8.7
TAU	43.5	8.8
Upsilon	44.0	8.9
PHI	44.5	9.0
CHI	45.0	9.1
PSI	45.5	9.2
OMEGA	46.0	9.3
TAU	46.5	9.4
Upsilon	47.0	9.5
PHI	47.5	9.6
CHI	48.0	9.7
PSI	48.5	9.8
OMEGA	49.0	9.9
TAU	49.5	10.0

