

Date	Day	Declination (°)	Direction (N/S)	Sign Position
Apr 19	Sun	+24.44	N	27° Taurus
Apr 20	Mon	+27.29	N	12° Gemini
Apr 21	Tue	+28.21	N	27° Gemini
Apr 22	Wed	+27.17	N	11° Cancer
Apr 23	Thu	+24.38	N	26° Cancer
Apr 24	Fri	+20.24	N	9° Leo
Apr 25	Sat	+15.14	N	23° Leo
Apr 26	Sun	+9.45	N	6° Virgo
Apr 27	Mon	+3.48	N	19° Virgo
Apr 28	Tue	-2.52	S	2° Libra
Apr 29	Wed	-8.34	S	14° Libra
Apr 30	Thu	-13.76	S	26° Libra
May 01	Fri	-18.58	S	9° Scorpio
May 02	Sat	-22.59	S	21° Scorpio
May 03	Sun	-25.62	S	3° Sagittarius
May 04	Mon	-27.50	S	15° Sagittarius
May 05	Tue	-28.11	S	26° Sagittarius
May 06	Wed	-27.43	S	8° Capricorn
May 07	Thu	-25.48	S	20° Capricorn
May 08	Fri	-22.37	S	2° Aquarius
May 09	Sat	-18.25	S	14° Aquarius
May 10	Sun	-13.25	S	27° Aquarius
May 11	Mon	-7.56	S	10° Pisces
May 12	Tue	-1.36	S	23° Pisces
May 13	Wed	+5.12	N	7° Aries
May 14	Thu	+11.57	N	21° Aries
May 15	Fri	+17.58	N	6° Taurus
May 16	Sat	+22.65	N	21° Taurus
May 17	Sun	+26.25	N	6° Gemini
May 18	Mon	+27.95	N	21° Gemini

#### MAP RING REFERENCE

Ring	Latitude	Distance from Center
Black Star (Pole)	90°N	Center
Arctic Circle	66.5°N	Inner ring
Tropic of Cancer	23.5°N	Sun's inner limit
Equator	0°	Middle ring
Tropic of Capricorn	23.5°S	Sun's outer limit
Antarctic Circle	66.5°S	Outer ring

#### KEY OBSERVATIONS

The moon completes a full north-to-south-to-north latitude swing in ~27.2 days.

Gold rows = moon in LUNAR-ONLY territory beyond the sun's tropic limits

Blue rows = moon crossing the equator ring on the map

Inward (↑) = moon moving toward the Black Star (north/center of map)

Outward (↓) = moon moving away from the Black Star (south/edge of map)

Northern peak:  $+28.21^\circ$  — nearly  $5^\circ$  inside the Cancer ring toward the Black

Southern peak:  $-28.11^\circ$  — nearly  $5^\circ$  outside the Capricorn ring toward the e

Map Zone	Movement	Visual Position
LUNAR ONLY — inside Cancer ring	Inward ↑	
LUNAR ONLY — inside Cancer ring	Inward ↑	
LUNAR ONLY — inside Cancer ring	★ NORTHERN PEAK	
LUNAR ONLY — inside Cancer ring	Outward ↓	
LUNAR ONLY — inside Cancer ring	Outward ↓	
Near Cancer ring	Outward ↓	
Between Equator and Cancer	Outward ↓	
Between Equator and Cancer	Outward ↓	
Near Equator ring	Outward ↓	
Near Equator ring	EQUATOR CROSSING	
Between Equator and Capricorn	Outward ↓	
Between Equator and Capricorn	Outward ↓	
Near Capricorn ring	Outward ↓	
Near Capricorn ring	Outward ↓	
LUNAR ONLY — outside Capricorn ring	Outward ↓	
LUNAR ONLY — outside Capricorn ring	Outward ↓	
LUNAR ONLY — outside Capricorn ring	★ SOUTHERN PEAK	
LUNAR ONLY — outside Capricorn ring	Inward ↑	
LUNAR ONLY — outside Capricorn ring	Inward ↑	
Near Capricorn ring	Inward ↑	
Between Equator and Capricorn	Inward ↑	
Between Equator and Capricorn	Inward ↑	
Between Equator and Capricorn	Inward ↑	
Near Equator ring	EQUATOR CROSSING	
Between Equator and Cancer	Inward ↑	
Between Equator and Cancer	Inward ↑	
Between Equator and Cancer	Inward ↑	
Near Cancer ring	Inward ↑	
LUNAR ONLY — inside Cancer ring	Inward ↑	
LUNAR ONLY — inside Cancer ring	Inward ↑	

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