



Cut along edge



HOW TO USE YOUR C.P.F. (Constellation and Planet Finder)

1. Stretch a string between location marked (N) and (S) and tape in place. Dial August 15 at 9 p.m. Place a dot on the string located directly above the star Vega. This dot represents your ZENITH (the center of your sky).
2. To set the sky for tonight (or day for that matter) place the date, which is on the rotating wheel, next to the desired time arrow on the fixed frame.
3. If you are FACING SOUTH, find the south corner of your C.P.F. and point it to your waist. You can only OBSERVE ONE-HALF OF THE ENTIRE SKY (cut out area) AT ANY ONE TIME - that is, from your ZENITH (dot on the string) to the south horizon.

Likewise, if you are FACING NORTH, find the north corner of your C.P.F. and point it to your waist. Remember, you can only observe the stars from the ZENITH to the north horizon.

METEOR SHOWERS

NAME OF SHOWER	LOCATION	DATE	#/HR.
Quadrantids	Bet. Bootes and Hercules	Jan. 2-4	35-40
Lyriads	Bet. Vega and Hercules	Apr. 20-22	5-15
eta Aquarids	East of waterjar in Aquarius	May 3-10	20
delta Aquarids	Directly below eta Aquarids	Jul. 24-Aug. 6	30
Perseids	Just above Perseus	Jul. 27-Aug. 16	50
Orionids	Bet. Orion's right arm and Gemini	Oct. 15-Oct. 26	20
Taurids	Bet. Taurus and Aries	Nov. 7-9	5-25
Leonids	Leo (The Sickle)	Nov. 11-20	15
Geminids	Near the bright star Castor	Dec. 7-25	55



For the positions of the planets for a particular month, see either:

<http://www.astro.wisc.edu/~dolan/Planets/>

or

<http://www.skypub.com/sights/northern/northern.shtml>

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| 1. Aries, the Ram | 7. Libra, The Scales |
| 2. Taurus, the Bull | 8. Scorpius, the Scorpion |
| 3. Gemini, the Twins | 9. Sagittarius, the Archer |
| 4. Cancer, the Crab | 10. Capricornus, the Sea Goat |
| 5. Leo, the Lion | 11. Aquarius, the Water-Bearer |
| 6. Virgo, the Virgin | 12. Pisces, the Fishes |