## ISON'S TALL SPECULATED LENGTH

## CONCEPTUAL ILLUSTRATION FROM EARTH TO MOON DISTANCE

The purpose of the Illustration is to help conceptualize the size of comet ISON's tail. If scientist's projections are correct, this comets' tail will be one of the largest if not the largest known to mankind since recordings have been kept. Although some comets can leave a residue of particle and gas clouds of up to 300,000 miles, most comet' tails are no longer than approximately 100,000 miles. Given the known size comparisons of comets since they have been recorded, comet ISON's tail would be considered 'MEGA' in length. For perspective
and he distance from

According to the latest scientific observations of comet ISON, it is projected to be the size of a small mountain with a diameter of about 3 miles. As to the weight or mass, it will be anywhere between 7 ,
billion to 7 trillion pounds. According to NASA scientists, this comet has never come into the Inner Solar System. The comet's tail will grow as it approaches to the Sun. It will increasingly give off a bright Sillion to 7 trillion pounds. According to NASA scientists, this comet has never come into the Inner Solar System. The comet's tail will grow as it approaches to the
coma and tail. ISON will reach perihelion or the closest approach to the Sun at 724,000 miles on Nov 29,2013 . In comparison to prior recorded comets, this one s expected to be unprecedented in size, magnitude (same as the Moons) and length of tail. ISON will be a 'Mega Comet' as ever before experienced by humanity, if projections turn out to be accurate.


## SUPER MOON

 This phenomena occurs when a Full Moon is nearestThe Earth cue to the Moon's ellipitical ortit telled

 rare occurrences $\&$ when they do ocour, the Moon is $13^{3} \%$,
larger and $30 \%$ brighter. The next Super Moon is sched-




ISON's (C2012 S1) TAIL

00,000 miles: larger comets
60,000 miles: most comets

 Nen

13\%
JUNE 22 Full Moon


