

## SUPER SUPERMOON

A rare event that hasn't happened at any point in the last 68 years will occur on late Sunday night. It will be the biggest moon so far of the 21st century; the moon won't come this close to Earth again until Nov. 25, 2034.

## SUPERMOON

A supermoon is when a full moon is at its closest point to the Earth in its elliptical orbit.

**APOGEE**  
Moon's furthest point from Earth

**PERIGEE**  
Moon's closest point to Earth

## A FULL MOON ...

occurs each month when the sun, Earth and moon line up,

with the moon on the side of the Earth opposite to the sun.

... when this happens, the moon can appear 14 percent larger than the smallest full moon

30 percent brighter