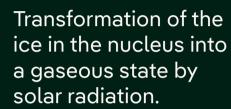
How do meteor shower form?



Meteorites that reach the earth are particles from the nucleus of a comet or asteroid that can be destroyed by the following causes:



The effect of wave forces.



Effect of centrifugal force

Collisions with other celestial bodies

The result of the destruction is a swarm of meteoroids that follows the orbit of the original celestial body, gradually spreading out along its orbit.

As the meteors cross the Earth's orbit, they burn in the upper layers of the atmosphere, leaving a flash of light visible from Earth (meteor shower).

Meteors burn at an approximate height of

120 km

They are extinguished at a height of approx.

 $70\,{}_{
m km}$



11-73 km/s
penetration rate of meteors in the Earth's atmosphere.