

The background features a dark blue gradient with a starry pattern. On the left side, there are several overlapping circular elements. A prominent one is a large circle with a scale around its perimeter, marked with numbers from 140 to 260 in increments of 10. Other circles are smaller and some have dashed lines or arrows, suggesting a technical or scientific theme.

NORTHERN LIGHTS

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WHAT ARE THE NORTHERN LIGHTS?

NORTHERN LIGHTS AS THE NAME OF LIGHT PHENOMENA OFTEN SEEN IN THE NORTHERN PARTS OF THE WORLD, HAVE OTHER NAME IS AURORA BOREALIS.



WHAT CAUSES THEM?

NORTHERN LIGHTS ARE FROM THE SUN. THE SUN GIVES OFF THE PLASMA; THE EARTH'S NORTH AND SOUTH HAVE BIG ATTRACTION SO THE PLASMA IS ATTRACTED TO NORTH AND SOUTH. WHEN THE PLASMA ENTERS EARTH'S ATMOSPHERE. THIS TIME THE COLOR WILL COME OUT. THESE PLASMA CLOUDS TRAVEL THROUGH SPACE WITH SPEEDS FROM 300 TO 1000 KILOMETERS PER SECOND.

EXPLANATION OF THE NORTHERN LIGHTS

WHEN GASEOUS PARTICLES FROM THE EARTH'S ATMOSPHERE COLLIDE WITH THE CHARGED PARTICLES EMITTED FROM THE SUN, THE NORTHERN LIGHT RESULT.

THE VARIETY OF COLORS DURING THE NORTHERN LIGHTS DEPENDS ON THE GAS.

GASES THAT DETERMINE THE NORTHERN LIGHTS

DIFFERENT GASES AT DIFFERENT ALTITUDES CREATE DIFFERENT COLORS OF COLLISIONS. THE MOST COMMON COLOURS ARE YELLOW AND *GREEN* .

