

SPACE WEATHER TEAM: Write the number of the definition in the box that corresponds to the letter of the vocabulary term. Your answers are correct when the rows and columns add up to 34.

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| a. aurora | f. magnetosphere | l. SOHO |
| b. chromosphere | g. Mission Commander | m. solar flare |
| c. coronal mass ejection | h. photosphere | n. space weather |
| d. Flight Director | i. radiation | o. sun |
| e. Helioseismic and Magnetic Imager | j. satellite | p. sunspot |
| | k. SDO | |

1. The person in charge of astronauts onboard a space vehicle.
2. The concept of changing environmental conditions from the Sun's atmosphere to the Earth's atmosphere.
3. A brief eruption of intense high-energy radiation from the sun's surface.
4. The luminous envelope of a star from which its light and heat radiate.
5. The Solar & Heliospheric Observatory, a project of international collaboration to study the Sun from its deep core to the outer corona and the solar wind.
6. A natural light display in the sky particularly in the high latitude regions, caused by the collision of energetic charged particles with atoms in the atmosphere.
7. A narrow layer above the photosphere that raises in temperature with height.
8. The Solar Dynamics Observatory a program designed to understand the causes of solar variability and its impacts on Earth.
9. The person located in Mission Control who oversees all team activities and communications.
10. The emission of energy as electromagnetic waves or as moving subatomic particles.
11. Sophisticated electronic communications relay station orbiting a celestial body.
12. Huge bubbles of gas threaded with magnetic field lines ejected from the Sun.
13. The star around which Earth orbits.
14. The region surrounding the earth in which its magnetic field is the predominant effective magnetic field.
15. Instrument designed to study oscillations and the magnetic field at the solar surface.
16. A dark spot or patch appearing from time to time on the sun's surface.

a.	b.	c.	d.
e.	f.	g.	h.
i.	j.	k.	l.
m.	n.	o.	p.