



The Canberra, Australia, complex of Deep Space Network antennas is one of three spaced evenly around Earth. These antennas talk to NASA's faraway spacecraft. Play "DSN Uplink-Downlink" at spaceplace.nasa.gov/dsn-game.

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OCTOBER 2012

spaceplace.nasa.gov

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|--|---------------------|--|--|--|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| Energy Awareness Month. We gobble up energy in many forms to power our planet. Read about a space mission that barely sips its fuel. | 1 | 2 | 3 | Sputnik, the 1st satellite, was launched by Soviet Union in 1957. See how far we have come with satellites. | 5 | 6 |
| 7 | 8  LAST QUARTER | 9 First two-way telephone conversation in 1876. Learn how spacecraft communicate with Earth across the solar system. | 10 | 11 Dessert Day. Make yummy "El Nino Pudding" for dessert today. | 12 | 13 Train Your Brain Day. Improve your brain by reading about space. |
| 14 | 15  NEW MOON | 16 Launch in 1975 of GOES-1, the first weather satellite to image Earth at night. | 17 | 18 Sweetest Day. A day to give sweets to those in need and those you love. Make your sweets star shaped. | 19 Thomas Edison demonstrated electric light in 1879. See what invisible light an electric light bulb puts out. | 20 |
| 21 Orionids meteor shower at maximum. Look for shooting stars in constellation Orion using the "Star Finder." | 22  FIRST QUARTER | 23 | 24 | 25 | 26 In 1959, Earthlings saw their first photo of the far side of the Moon, taken by Lunik 3. What have we learned about the Moon since then? | 27 |
| 28 | 29  FULL MOON | 30 Compact Disc (CD) was first introduced by Sony and Phillips in 1981. Use an unwanted CD to make a model of Saturn, with rings. | 31 Halloween | | | |

Month of October: spaceplace.nasa.gov/tortilla-spacecraft

Oct. 4: spaceplace.nasa.gov/trees-from-space

Oct. 9: spaceplace.nasa.gov/x-ponder

Oct. 11: spaceplace.nasa.gov/el-nino2

Oct. 13: spaceplace.nasa.gov/dr-marc-space

Oct. 16: spaceplace.nasa.gov/geo-orbits

Oct. 18: spaceplace.nasa.gov/star-cookies

Oct. 19: spaceplace.nasa.gov/ir-matching

Oct. 21: spaceplace.nasa.gov/starfinder

Oct. 26: spaceplace.nasa.gov/switch-a-roo

Oct. 29: spaceplace.nasa.gov

Oct. 30: spaceplace.nasa.gov/saturn-model