



This huge antenna outside Canberra, Australia, belongs to NASA's Deep Space Network. The antennas listen to the faint radio signals from spacecraft out exploring the solar system. Just how sensitive are these antennas? Find out at [spaceplace.nasa.gov/en/kids/dsn\\_fact1.shtml](http://spaceplace.nasa.gov/en/kids/dsn_fact1.shtml).

# JULY 2008

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p><b>Cell Phone Courtesy Month.</b> How do cell phone signals travel from place to place?</p>		1	<p><b>NEW MOON</b> ●</p>	2	<p><b>3 Earth at aphelion,</b> the farthest from the Sun Earth ever gets. How do we use the Sun as our master timekeeper? <b>U.S. Independence Day</b></p>	5
6	7	8	<p><b>FIRST QUARTER</b> ◐</p> <p><b>Voyager 2</b> spacecraft flew by Jupiter in 1979 and found stranger worlds than we could have ever imagined.</p>	9	10	12
<p><b>Galileo spacecraft</b> drops a probe into Jupiter's atmosphere, 1995. Are there other ways to find out about Jupiter's clouds?</p>	14	15	<p><b>Apollo 11</b> launched in 1969. Its crew were the first humans to walk on the Moon. See one of their footprints at The Space Place.</p>	16	<p><b>17 FULL MOON</b> ◉</p>	19
<p><b>Moon Day.</b> Neil Armstrong was the first human to walk on the Moon, 1969. What causes the phases of the Moon?</p>	<p><b>Galileo was condemned, 1633,</b> for saying that Earth orbits the Sun. Of course, he was right!</p>	22	<p><b>Hot Enough for Ya' Day.</b> How does the heat get from the sun to us?</p>	23	<p><b>24 LAST QUARTER</b> ◑</p>	26
<p><b>Parents' Day.</b> Take your parents to a Space Place partner museum or library today.</p>	28	29	30	<p><b>Apollo 15's rover</b> was the first vehicle driven on the moon, 1971. See a picture at The Space Place gallery.</p>	31	

Month of July: [spaceplace.nasa.gov/en/kids/st5xband/st5xband.shtml](http://spaceplace.nasa.gov/en/kids/st5xband/st5xband.shtml)  
 July 3: [spaceplace.nasa.gov/en/kids/trivia/trivia.shtml](http://spaceplace.nasa.gov/en/kids/trivia/trivia.shtml)  
 July 4: [spaceplace.nasa.gov/en/educators/teachers\\_page2.shtml#time](http://spaceplace.nasa.gov/en/educators/teachers_page2.shtml#time)  
 July 9: [spaceplace.nasa.gov/en/kids/vgr\\_fact3.shtml](http://spaceplace.nasa.gov/en/kids/vgr_fact3.shtml)  
 July 11: [spaceplace.nasa.gov/en/kids/earth/wordfind](http://spaceplace.nasa.gov/en/kids/earth/wordfind)  
 July 13: [spaceplace.nasa.gov/en/kids/phonedrmarc/2002\\_may.shtml](http://spaceplace.nasa.gov/en/kids/phonedrmarc/2002_may.shtml)

July 16: [spaceplace.nasa.gov/en/kids/phonedrmarc/2002\\_october.shtml](http://spaceplace.nasa.gov/en/kids/phonedrmarc/2002_october.shtml)  
 July 20: [spaceplace.nasa.gov/en/kids/phonedrmarc/2004\\_march.shtml](http://spaceplace.nasa.gov/en/kids/phonedrmarc/2004_march.shtml)  
 July 21: [spaceplace.nasa.gov/en/kids/ds1\\_mgr.shtml](http://spaceplace.nasa.gov/en/kids/ds1_mgr.shtml)  
 July 23: [spaceplace.nasa.gov/en/kids/st8/thermal\\_loop](http://spaceplace.nasa.gov/en/kids/st8/thermal_loop)  
 July 27: [spaceplace.nasa.gov/en/kids/museums](http://spaceplace.nasa.gov/en/kids/museums)  
 July 31: [spaceplace.nasa.gov/en/educators/teachers\\_moon\\_images.shtml](http://spaceplace.nasa.gov/en/educators/teachers_moon_images.shtml)