



This is the frozen Greenland coast at Baffin Bay. Snow and ice are white, glaciers are blue and gray. The glaciers flow toward the sea, even though they are frozen solid. Image taken by the LandSat satellite. Water ice is very common in our solar system. See spaceplace.nasa.gov/en/kids/ice.

DECEMBER 2008

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Safe Toy and Gift Month. The Projects page on The Space Place has several fun and safe ideas.	1	2	3	National Cookie Day. If you were going on a long journey to Mars, would cookies be among the items you would take along?	FIRST QUARTER 5	Percy Spencer invented the microwave oven, 1945. See how the universe looks in microwaves in the Land of the Magic Windows.
7	8	9	10	11 First recorded sighting of the Aurora Borealis from New England, 1719. What causes these beautiful Northern Lights?	FULL MOON 12 Radio signals first transmitted across the Atlantic in 1901. But how do these signals carry messages?	13 Geminids meteor shower at maximum tonight. Meteor showers occur when Earth passes through the path of icy, rocky debris in space left by a comet.
14	15	16	17 Wright Brothers' Day. In 1903, the Wrights were first to demonstrate a controlled, powered aircraft. See how far aviation has come!	18	19 LAST QUARTER Apollo 17 , the last of the Apollo Moon landing missions, returned to Earth, 1972. Did they find water ice?	20
21 Winter Solstice (first day of winter)	22	23	24 Galileo, the great scientist, sees the now famous Supernova of 1604 for the first time. What is a supernova?	25 Christmas Day. When you get tired of playing with your new toys, go play some games at The Space Place.	26 National Whiner's Day. Stop whining! Listen to some conversations with Dr. Marc on BIG subjects like black holes and time travel.	27 NEW MOON
28	29	30	31 Edmond Halley 31 In 1705 predicts the 1758 return of comet named for him. Deep Impact has now given us an idea of what a comet is made of.			

Month of December: spaceplace.nasa.gov/en/kids/projects.shtml
 Dec. 4: spaceplace.nasa.gov/en/kids/mars_rocket.shtml
 Dec. 6: spaceplace.nasa.gov/en/kids/chandra.shtml
 Dec. 11: spaceplace.nasa.gov/en/educators/podcast#aurora
 Dec. 12: spaceplace.nasa.gov/en/educators/teachers_page2.shtml#phases
 Dec. 13: spaceplace.nasa.gov/en/kids/stardust

Dec. 17: spaceplace.nasa.gov/en/educators/teachers_page2.shtml#formation
 Dec. 19: spaceplace.nasa.gov/en/kids/ice
 Dec. 24: spaceplace.nasa.gov/en/kids/phonedrmarc/2003_november.shtml
 Dec. 25: spaceplace.nasa.gov/en/kids/games.shtml
 Dec. 26: spaceplace.nasa.gov/en/educators/podcast
 Dec. 31: spaceplace.nasa.gov/en/kids/deepimpact