



A photo of Howland Forest in Maine, one of the regions AirMOSS has studied using radar measurements of root-zone soil moisture to help determine the overall carbon exchange between plants and the atmosphere.

Image Credit: National Science Foundation

SEPTEMBER 2016

spaceplace.nasa.gov

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

National School Success Month. Space Place has free resources to help students become successful.
[/menu/parents-and-educators](#)

On this calendar
 means
spaceplace.nasa.gov/

1 NEW MOON

2

3

4

5
National Cheese Pizza Day. Find out how GPS can help you in the quest for pizza!
[/gps-pizza](#)
Labor Day

6

7

8

9 FIRST QUARTER
Teddy Bear Day. Make a topo map of your bear as he hibernates in a box!
[/topo-bear](#)

10
National Swap Ideas Day. Read some of Dr. Marc's amazing facts and swap some ideas with a friend.
[/menu/dr-marc](#)

11

12

13
Positive Thinking Day. Make your positive ions outnumber your negative ions when you do the "Ions in Action" experiment.
[/ion-balloons](#)

14
Luna 2 successfully reached the surface of the Moon in 1959. Do you know what part the Moon plays in a solar eclipse?
[/venus-transit](#)

15

16 FULL MOON

17

18
Voyager 1 took the first full-frame photo of Earth and the Moon together in 1977. Check out other photos of the solar system at NASA Space Place.
[/gallery-solar-system](#)

19

20

21

22
Autumnal Equinox (first day of fall). Learn what causes the seasons.
[/seasons](#)

23 LAST QUARTER

24

25

26

27
National Crush a Can Day. Crush a can without touching it in this experiment to test new spacecraft materials.
[/soda-can-test](#)

28

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30