

A satellite with two large solar panel arrays is shown in orbit above the Earth's atmosphere. The satellite is dark with a white spherical antenna at the top. The solar panels are rectangular and covered in a grid of small, dark rectangular cells. The Earth's surface is visible below, showing clouds and the curvature of the planet. The background is the blackness of space.

THE LAUNCH OF GLOBAL PRECIPITATION MEASUREMENT

WATCH LIVE ON NASA TV  
#GPM

THURSDAY, FEBRUARY 27  
12:00 PM EST

1  
00:00:00,020 --> 00:00:04,030  
(Music)

2  
00:00:04,050 --> 00:00:08,050  
Candace Carlisle: GPM is one of the largest spacecrafts that's ever been built here

3  
00:00:08,070 --> 00:00:12,080  
at Goddard. Putting that together

4  
00:00:12,100 --> 00:00:16,100  
is a very complicated thing just how do you lift the hardware around, how do you

5  
00:00:16,120 --> 00:00:20,120  
get it all together, how do you get around the spacecraft?

6  
00:00:20,140 --> 00:00:24,130  
Arthur Hou: GPM data

7  
00:00:24,150 --> 00:00:28,140  
will advance our understanding of the global water and energy cycle.

8  
00:00:28,160 --> 00:00:32,150  
Gale Skofronick Jackson: We really need to focus on all the phases of precipitation

9  
00:00:32,170 --> 00:00:36,180  
so that we know the global picture from where fresh water exist

10  
00:00:36,200 --> 00:00:40,200  
in the Earth's system.