Mike Curie/NASA Launch Commentator: From Cape Canaveral Air Force Station in Florida, you're watching live coverage of the launch of the SpaceX Falcon 9 rocket and Dragon capsule.

Good morning, this is Falcon Launch Control at T-1 hour, 6 minutes 35 seconds and counting.

About just about 24 hours ago the Falcon rocket was fully fueled and ready to soar into space on a two-day race to the International Space Station, when a weather system spanning from across the Northern Gulf of Mexico to east of the Florida coast brought torrential rain and thick clouds to the Space Coast and caused the postponement of the SpaceX Commercial Resupply Services 4 mission.

Everyone across the country has regrouped and the SpaceX launch control team here at Cape Canaveral has gathered again to oversee the launch of Falcon and the Dragon.
capsule. Teams of engineers and flight controllers also are gathered at the SpaceX
Mission Control Center in Hawthorne, California.

They're overseeing launch preparations as well as the flight once the launch occurs.

and

the same thing is occurring at Mission Control in Houston at the Johnson Space Center

where Scott Stover, the flight director, is overseeing his Orbit 1 team of flight controllers

awaiting anxiously the launch of the Falcon on its way to the International Space

Station.

This is the fourth of 12 planned Commercial Resupply Services, or CRS, missions for

SpaceX, following three previous official resupply missions, the last one in April.

Liftoff is targeted for an instantaneous launch window that has been further refined

now is 1:52:03 a.m. EDT. And at the time of launch the International Space Station will
be flying at an altitude of 262 miles at 51.7 degrees south latitude, 165 degrees east.

Weather today is a marked difference than it was last night. At about this time last night we were facing a 90 percent "no go" criteria. Today, U.S. Air Force 45th Weather Squadron weather officer Mike McAleenan, has just modified and amended his forecast giving us only a 10 percent probability of violation and a 90 percent chance of favorable weather. The only concern -- the cumulous cloud rule.

Mike McAleenan will be updating the Launch Control Team here shortly, at one hour away from launch, in about four minutes, so we'll stand by to find out if there are any updates.

This is an important mission for NASA and the Space Station Program because Dragon
spacecraft is carrying with more than 5,000 pounds of supplies and payloads, including materials to support 255 science and research investigations that will occur during Expeditions 41 and 42.

With the launch on time today, the Dragon capsule should arrive at the International Space Station Tuesday at 7:04 a.m. Eastern time.

The launch team is not working any significant technical issues at this time. And once again we'll be standing by for a weather briefing in about two and a half minutes from Launch Weather Officer Mike McAleenan.

At T-1 hour, 2 minutes, 20 seconds and counting this is Falcon Launch Control.