this is Atlas launch control at t-minus

two hours 26 minutes 28 seconds and

counting we are live from the Atlas

spaceflight Operations Center at launch

complex 41 where we are awaiting the

liftoff of the Atlas 5 rocket with the

Solar Dynamics Observatory targeted for

1023 this morning so we're just over

three hours away from the liftoff of the

Atlas 5's do is a five-year mission that

will deliver solar images with 10 times

better resolution than high-definition

television SDO will observe the Sun from

its deep interior to the outermost
layers of the solar atmosphere the

mission will focus on the cause of

severe space weather including solar

activity such as sunspots solar flares

and the effects of the solar wind space

weather can affect radio and satellite

communications navigation and GPS

systems and electric power grids it can

also pose a threat to astronauts in

space and airplane crews flying near the

polar regions at this point on the

countdown everything is go from the

standpoint of our Atlas 5 rocket and we

have also verified the readiness of the
downrange tracking stations to support

including the station here at the Cape

the air force tracking station at

jupiter inlet in south florida and our

integral island tracking station in the

bahamas also we have completed data

flows through the tracking and data

relay satellite system so it t dresses

up and ready to support at t-minus two

hours 24 minutes 22 seconds and counting

this is Atlas launch control