

Flight Scientist Report  
Thursday 06/16/2022 ACTIVATE RF177

Flight Type: Statistical Survey Flight

Flight Route:

Special Notes: Falcon had a hydraulic fluid leak issue before take-off and stayed on the ground. UC-12 returned to base after shedding sufficient fuel. It still conducted science and dropped 3 sondes.

**King Air**

Pilot report ():

Flight scientist report (Seaman):

6/16/2022 Flight 1 of 1

Ops Notes: Falcon had a ground abort due to cracked hydrologic line. Uc12 proceeded to 34deg17.43'N/64deg31.94'W. Chat was in-op for most of flight.

Instrument notes: Nominal.

Science notes: Cirrus above flight level for majority of flight except for a small patch at the far end of the route just before the turn around point.

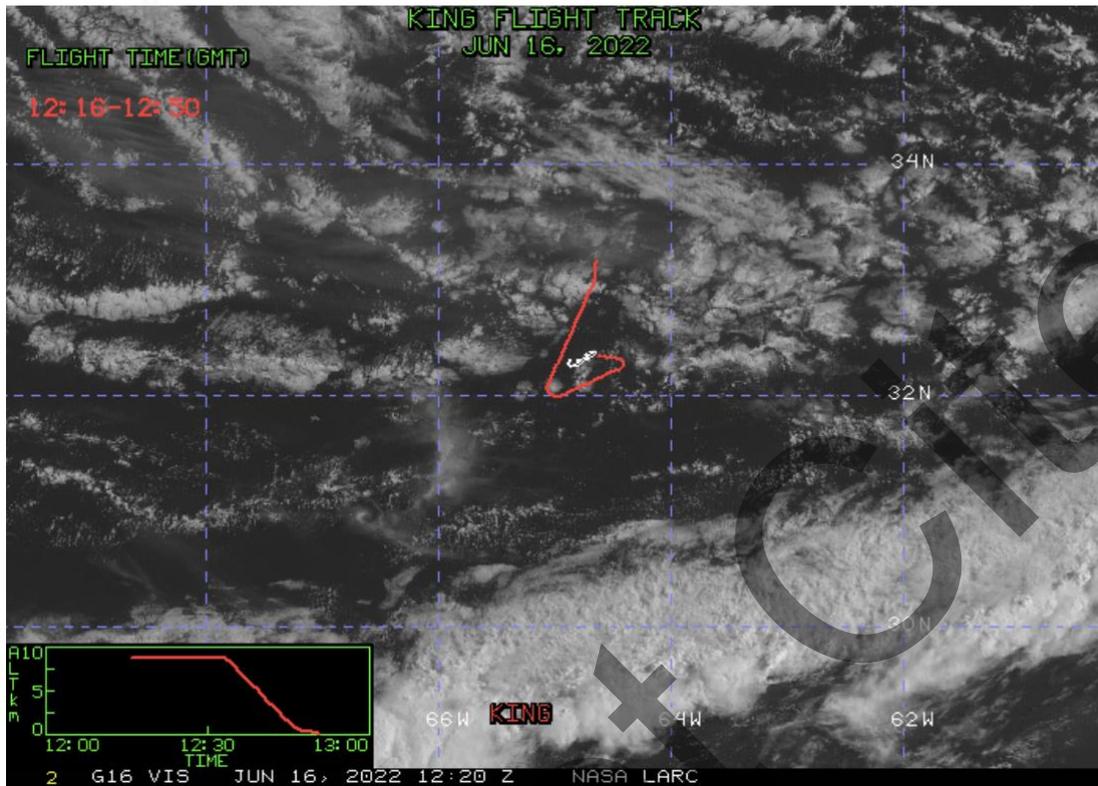
Sonde drops: 3 sondes dropped on the return leg. One of these was at the usual ground station/spiral location just off the coast of Bermuda.

**Falcon**

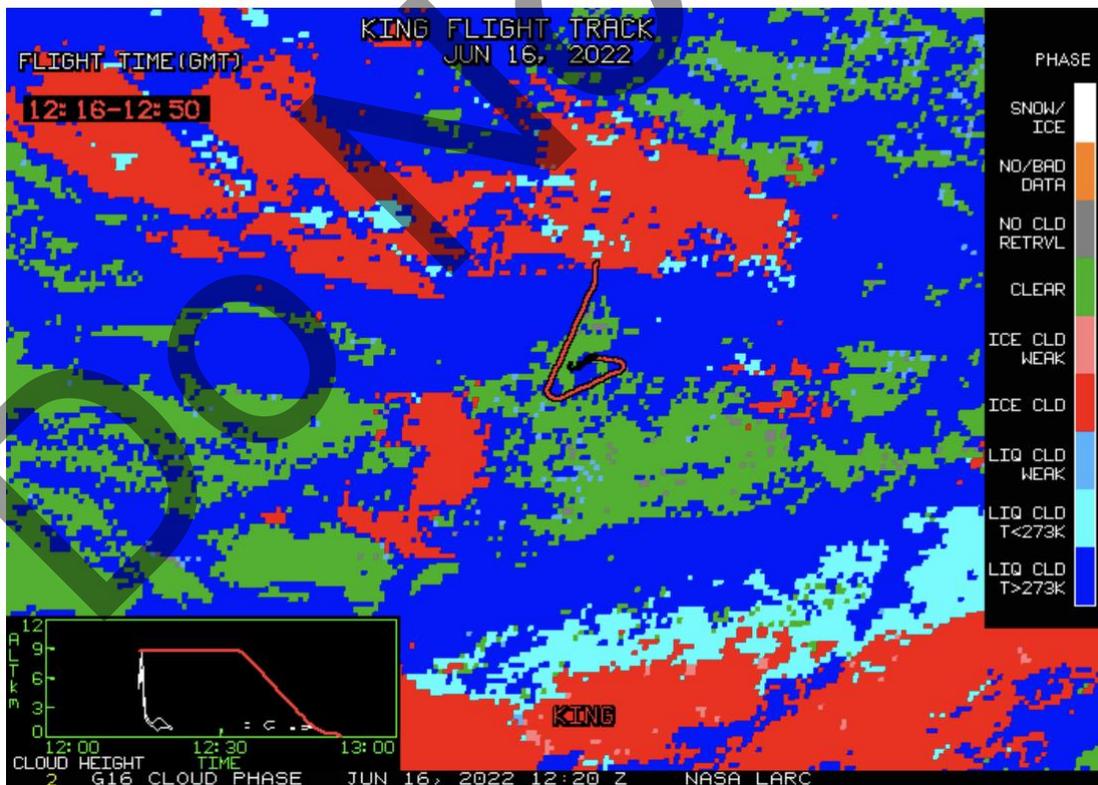
Pilot report ():

Flight scientist report ():

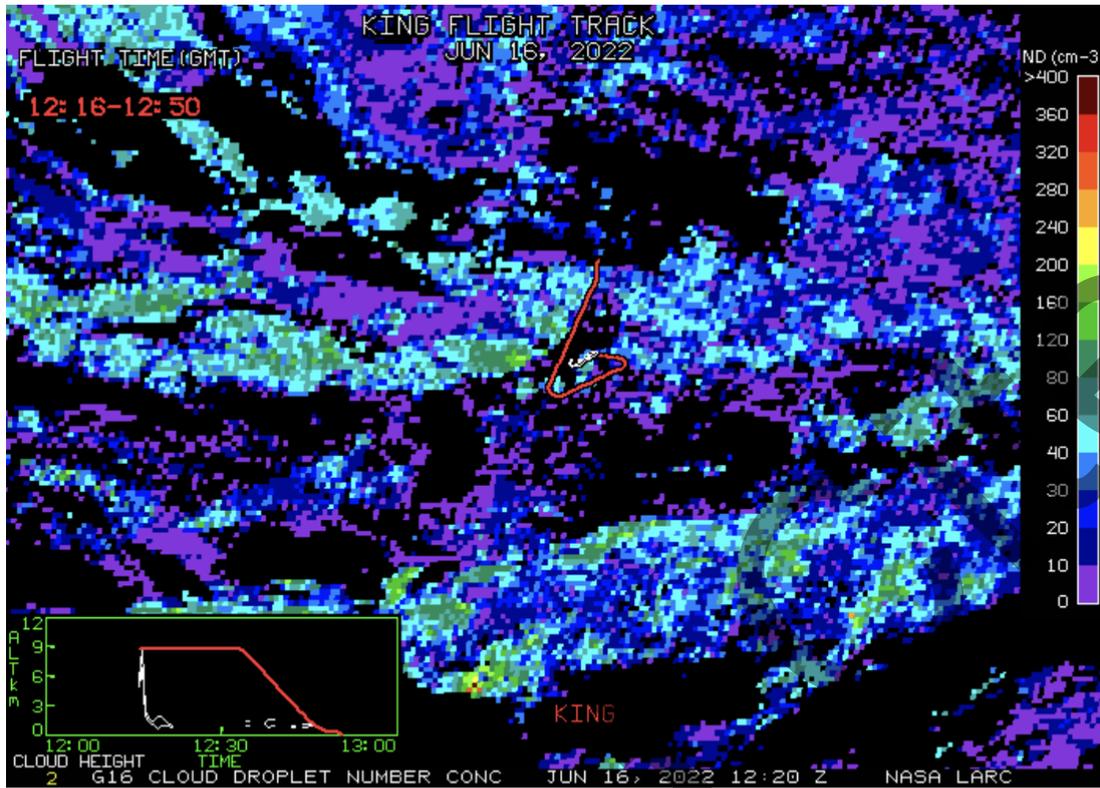
NASA-LaRC Clouds Group GOES-16 Quicklook Images for Flight 177, 12:20 UTC Jun 16, 2022  
Visible Image



Cloud Phase



Cloud Droplet Number Concentration (cm-3)



Cloud-Top Height (Kft-ASL)

