

MSG 185 - RED FD13 PAYLOAD SUMMARY

SPACEHAB

SPACEHAB subsystems are performing well.

MIST (CM-2) and the Blue Team have been troubleshooting the chamber evacuation problems.

CM-2 and SOFBALL are most appreciative of the hard work of the crew to obtain the flame ball data for us. We have now completed all our runs successfully. The PI and his entire team are extremely excited about the results obtained and very thankful to you all. Your extreme diligence and dedication has made this experiment quite a success.

MGM has completed all of their operations and has been deactivated. The PI and the entire team are extremely pleased with the results and are very thankful for your dedication and hard work in performing this experiment so successfully.

MSTRS performed another successful data collection.

STARS bees and ants continue to tunnel busily in their habitats. The spider student team is eagerly awaiting a web from their newly-released backup spider.

BIOPACK experiment temperatures can not be controlled due to the facility's power problems. This has resulted in loss of science for the STROMA experiment and may cause partial loss of science for the YSTRES experiment. Unfortunately, there is no way to correct this situation.

FREESTAR

MEIDEX and SOLSE simultaneous earth observations yesterday went as planned, and they are anxious to compare results. MEIDEX is leaving their door open when they can to take advantage of any available Ku given the favorable dust forecast. If we see dust, we will turn on the Xybion camera from the ground. In addition, MEIDEX will take advantage of a field campaign organized by NASA and Brazil to monitor bonfires and the resulting smoke trails from research aircraft and the Terra satellite. MEIDEX will attempt to observe the smoke trails on orbit 194.

CVX started their 4th critical period at MET 11/10:00 and will end at 11/21:00. They plan on extending their operations to include one more ramp through the critical point.

SOLCON and LPT continue to operate nominally. LPT completed another 2 TDRS events and 1 MILA pass.