

RF14 09/21/2019

RF14 09/21/19

Take Off: 0612 local

Landed: 1220 local

Flight Pattern: B2

Sondes requested: 32

Sondes deployed: 34

Launched sonde issues: None! Zero, zip, nada!

Pre-flight issues: Two sondes had issues and could not be dropped. One sonde refused to recondition after many, many attempts and one sonde has a dead battery so we could only launch 34 sondes. It has been decided by the PI's that we will now load 40 sondes per flight as time is running out and no one yet knows if there will be an extension.

To try to stabilize the launcher heat I have pulled the CB for the large heater on the launcher so we can see how the two smaller heaters do. Just trying to eliminate the need to continuously turn on and off the heaters throughout the flight.

1. D20190921_131750.1

190550209 \ Launch: 13:17:50

2. D20190921_133016.2

190630407 \ Launch: 13:30:16

3. D20190921_133838.3

190150805 \ Launch: 13:38:38

4. D20190921_134647.1

190550243 \ Launch: 13:46:47

5. D20190921_135338.4

180450480 \ Launch: 13:53:38

6. D20190921_140228.2

190230079 \ Launch: 14:02:28

7. D20190921_141220.3

190510772 \ Launch: 14:12:20

1415UTC, turned on the two smaller heaters

8. D20190921_142030.1

190550234 \ Launch: 14:20:30

9. D20190921_142544.2

190520737 \ Launch: 14:25:44

10. D20190921_143244.4

190150930 \ Launch: 14:32:44

11. D20190921_144056.3

190630786 \ Launch: 14:40:56

12. D20190921_144902.1

190230146 \ Launch: 14:49:02

13. D20190921_145556.2

190230919 \ Launch: 14:55:56

14. D20190921_150438.4

180710899 \ Launch: 15:04:38

15. D20190921_151438.3

190230181 \ Launch: 15:14:38

16. D20190921_152248.1

190230023 \ Launch: 15:22:48

17. D20190921_152806.2

190510715 \ Launch: 15:28:06

18. D20190921_153520.4

190330085 \ Launch: 15:35:20

19. D20190921_154348.3

190150908 \ Launch: 15:43:48

20. D20190921_155200.1

190220515 \ Launch: 15:52:00

21. D20190921_155844.2

190230962 \ Launch: 15:58:44

1600UTC diverting around weather so going off flight track.

22. D20190921_160830.3

190150809 \ Launch: 16:08:30

23. D20190921_161612.4

190150928 \ Launch: 16:16:12

24. D20190921_162702.1

190230195 \ Launch: 16:27:02

25. D20190921_163222.2

190150798 \ Launch: 16:32:22

26. D20190921_163928.3

190150489 \ Launch: 16:39:28

27. D20190921_164720.4

190510389 \ Launch: 16:47:20

With the two small heaters Temp 1 and Temp 2 are holding steady at 5.5 and 4.0 degrees C respectively.

28. D20190921_165610.1

190550249 \ Launch: 16:56:10

29. D20190921_170527.2

190150799 \ Launch: 17:05:27

30.D20190921_171544.3

190230183 \ Launch: 17:15:44

31. D20190921_172426.1

190230246 \ Launch: 17:24:26

32. D20190921_173632.4

190330189 \ Launch: 17:36:32

33. D20190921_174849.2

190530260 \ Launch: 17:48:49

34. D20190921_175614.1

190510373 \ Launch: 17:56:14

1757UTC turned off heaters before landing.