

Doppler Wind Lidar Scientist

Flight ID 20180822 H1

Storm Lane

DWL Scientist Bucci

Start Time	Stop Time	Pattern or Az/EI	Notes
0835 PM	0857 PM	up -90°	files transmitted to NOAA Seb
0909 PM	0927 PM	up 20-01	stationary up conical
1002 PM	1007 PM	dn 20-01	offset: 1000 m Alt: 4000 m and climbing block: 7000 scattered low cu
1008 PM	1112 PM	dn 20-01	offset: 2000 m Alt: 5100 m and climbing block: 7000 islands/clouds nearby
			Sonde: 024012 UTC → transit validation clear - no clouds
			Forced P3 DWL RASP-LAPTOP (SERVER) "check for files" 10:34 1054
			11:10 PM descent
1113 PM	0141 AM	dn 20-01	offset: 400 Alt: 3300 and descending mid sonde, scattered cloud below 1138 (0339 UTC)
			1142 PM (0343 UTC) light stratiform SMRF: 27m/s
			1146 PM (0347 UTC) heavy rain - no signal
			Copied untransferred data from 08-20 to 08-21 SFMR circles, 1214 PM (0415 UTC)
			Turn @ north pt for inbound 0540 - 0543 UTC
0142 AM	0422 AM	4dn 20-1 up-01	
			vibrations increased w/ last outbound eyewall
0423 AM	0439 AM	dn 20-01	Alt: 2570 m spd: 275 kts Ascending 0436 AM
0440 AM	0506 AM	dn 20-01	offset: 3000 Spd: 270 kts Alt: 4500 m and climbing