

Aerostat Winter Inversion Flight Log

Date: 2/15/16

Payload designations: A = Atmosniffer, P = Particle Counter (HiSAM)/SBATS, O = Ozone sonde

Start Time	End Time	Payload	Wind (MPH, dir.)	Temp. (°C)	Visibility, Weather	Notes, Battery Status, etc.
10:45	11:15	APPO	3 MPH S	10	> 5 miles, clear,	AS files "0" Clear upper level O ₃
11:24	11:34	APPO	calm			File zero
11:48	12:17	APPO	5 MPH NW	13.4	" "	AS files "1" Changed AS bath
12:28	12:40	APG	Calms to 1.5 MPH NW	16.5°	> 5 miles, Full sun, breaking clouds	AS files "1" 12:28:31 → 12:36:10 (Initial) changed Ozone sonde lost AS tube re-sterilized (start 12:26)
12:49	1:15:02	APPO	2.0 MPH			AS files "2" 12:48:48 → 13:15:02
1:47	1:57	APPO	2.2 MPH S	17.1		AS files "3" 13:47:51 → 13:55:35 New AA batt in Ozone sonde
2:06	2:38	APPO	0.5 N	18.4	P. cloudy, clear	Changed AS part 14:06:12 → 14:36:01 AS files "5" part of circuit 3.5 pages
2:47	2:54	APPO	2.9 SE	17.1	" "	AS files "5" 14:47:37 → 14:55:41 MST
3:00		APPO	2.2 mph	17.2	cloudy	new PV and change Lipo AS files "6" 15:07:00 → 15:36:40 MST
3:41	3:47	APPO	calm	17.5	overcast, > 5 mile visibility	AS files "6" Fast up/down no steps 15:41:04 → 15:46:57
3:51	3:59	APPO	calm	17.5	" "	AS files "6" Fast up/down no steps 15:51:10 → 15:58:35

11 flights