**UWFPS 2017 Aerostat Winter Inversion Flight Log**

**Date: \_\_2 Feb 2017, HARAero170216, sunrise**, ✓ = HiSAM clock reset✓ = AtmoSniffer data folder copied and cleared

Payload designations: A = AtmoSniffer, P = Particle Counter (HiSAM)/SBATS, O = Ozonesonde, C = Camera (MiniBeacon is on every flight)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Start Time** | **End Time** | **Payload** | **Wind (MPH, dir.)** | **Temp. (°C)** | **Visibility, Weather** | **Notes, Battery Status, etc.** |
| 7:15:36 | 7:21:35 | A, P | 0-1, S | -0.7 | Clear, very slight haze visible towards mountains. | No ozonesonde available for the first flight. |
| 7:22:51 | 7:28:33 | A, P |  | -1.8 |  |  |
| 7:29:55 | 7:37:01 | O, P |  | -1.8 |  |  |
| 7:42:19 | 7:50:00 | O, P |  | -2.0 |  | Filled aerostat with more helium. |
| 7:52:12 | 7:58:09 | O, A, C |  | -2.5 |  |  |
| 7:59:34 | 8:05:05 | O, A, C |  | -2.5 |  |  |
| 8:07:32 | 8:13:58 | O, P, C |  |  |  |  |
| 8:16:16 | 8:22:53 | O, P, C |  |  |  |  |
| 8:24:52 | 8:30:51 | O, A, C |  | 0.5 |  |  |
| 8:33:09 | 8:40:22 | O, A, P | 1-2, E | 3.3 |  |  |
| 8:42:52 | 8:50:32 | O, P | 0-1, E |  |  |  |
| 8:52:20 | 9:00:24 | O, A | 0-3, E | 5.8 |  |  |
| 9:07:38 | 9:15:27 | O, A | 1-4, E | 4.5 |  | Trying to get AtmoSniffer on Sohl’s laptop. Didn’t work. Ozonesonde data looks odd. |
| 9:24:02 | 9:31:35 | O, A | 1-4, NNE | 8.0 |  | Ozonesonde battery died, ozone flatlined. |
| 9:35:59 | 9:42:35 | O, P | 0-2, N | 8.9 |  | Ozonesonde seems stable now. Probably missed the start of the flight with miniBeacon |
| 9:49:47 | 9:56:27 | O, P | 1-3, N |  |  |  |
| 10:00:15 | 10:07:29 | O, A | 2-3, NW | 9.8 |  |  |