

NOAA Aircraft Operations Center - NOAA 42 Flight Manifest

| FLIGHT INFORMATION | | | | CREW MANIFEST | | | MISSION INFORMATION | | | | |
|-----------------------------------|------------|--------------------|------|----------------|--------------------|--------------------|--------------------------------|------------|-------------------|----------|------|
| FLT ID: | 20180915H1 | FLT #: | 5 | AC: | Price | Scientists: | Pressure | | Dropsondes | | |
| From: | TISX | ETD: | 2230 | CP(s): | Kahn | | A/C Takeoff | | Good | Bad | Sent |
| To: | TISX | ETA: | 5+00 | | Abitbol | | | | 3 | 0 | 3 |
| Block Time | | Flight Time | | Nav(s): | Richards | | Wx Station Takeoff | | BTs | | |
| In: | 0721 | In: | 0717 | | | | A/C Land | | Good | Bad | Sent |
| Out: | 0222 | Out: | 0232 | FE(s) | Sanchez Heystek | | Wx Station Land | | | | |
| Total: | 5.0 | Total: | 4.8 | FD(s): | Sears | | Visitors: | | | | |
| Sponsoring Org: NHC | | | | SEB: | Peek | | Storm Number ID: | | AL092018 | | |
| Program: | | | | SSA: | Richards | | (ie: AL072012) | | | | |
| Purpose: ISAAC | | | | AVAPS: | Warnecke | | TCPOD/WSPOD Mission | | 0509A ISAAC | | |
| | | | | | | | (ie: NOAA2 2418A SANDY) | | | | |
| AS REQUIRED BY ORM | | | | Y | N | REMARKS | | Fix Number | Obs Number | Fix Time | SLP |
| VOLCANIC ASH | | | | | X | | | | | | |
| SCIENCE MISSION WITHIN BDRY LAYER | | | | | X | | | | | | |
| LACK OF PRECIPITATION | | | | | X | | | | | | |
| RELATIVE HUMIDITY ≥ 80% | | | | X | | | | | | | |
| LARGE AIR-SEA TEMP GRADIENT | | | | | X | | | | | | |
| HIGH SURFACE WINDS | | | | X | | | | | | | |
| LONG FETCH / DURATION OF SFC WND | | | | X | | | | | | | |
| SEA SALT ACCRETION FORECAST | | | | | X | | | | | | |
| SEA SALT ACCRETION OBSERVED | | | | | | | | | | | |

Additional Remarks:

Cockpit Gmax:

Gmin:

*Highlighted items must be completed before departure.

APPENDIX 1 – P3 QC Checklist

| | |
|---------------------|------------|
| Flight ID: | 20180915H1 |
| Flight Director(s): | Sears |

| Pressure Comparison | | |
|---------------------|------|------|
| | T/O | Land |
| Aircraft | 1011 | — |
| Tower | 1012 | — |

UWZ.d mean: 0.01 m/s

| | Raw 1Hz Mean File Parameters | | | | C File Parameters | |
|----------------------------|--|--|--|--|--|--|
| Accelerometer | <input checked="" type="checkbox"/> AccAXI.1 | <input checked="" type="checkbox"/> AccAYI.1 | <input checked="" type="checkbox"/> AccAZI.1 | <input checked="" type="checkbox"/> AccZfilter-GPS.1 | <input checked="" type="checkbox"/> AccZref | |
| | <input checked="" type="checkbox"/> AccAXI.2 | <input checked="" type="checkbox"/> AccAYI.2 | <input checked="" type="checkbox"/> AccAZI.2 | <input checked="" type="checkbox"/> AccZfilter-GPS.2 | | |
| | <input checked="" type="checkbox"/> AccAXI-GPS.1 | <input checked="" type="checkbox"/> AccAYI-GPS.1 | <input checked="" type="checkbox"/> AccAZI-GPS.1 | | | |
| | <input checked="" type="checkbox"/> AccAXI-GPS.2 | <input checked="" type="checkbox"/> AccAYI-GPS.2 | <input checked="" type="checkbox"/> AccAZI-GPS.2 | | | |
| Altitude | <input checked="" type="checkbox"/> AltGPS.1 | <input checked="" type="checkbox"/> Alti-GPS.1 | <input checked="" type="checkbox"/> AltPaADDU.1 | <input checked="" type="checkbox"/> AltRA.1 | <input checked="" type="checkbox"/> ALTref | <input checked="" type="checkbox"/> AltRA1.c |
| | <input checked="" type="checkbox"/> AltGPS.2 | <input checked="" type="checkbox"/> Alti-GPS.2 | <input checked="" type="checkbox"/> AltBCADDU.1 | <input checked="" type="checkbox"/> AltRA.2 | <input checked="" type="checkbox"/> ALTPA.d | <input checked="" type="checkbox"/> AltRA2.c |
| | <input checked="" type="checkbox"/> AltGPS.3 | | | | <input checked="" type="checkbox"/> ALTGA.d | |
| | <input checked="" type="checkbox"/> AltGPS.4 | | | | | |
| Ground Speed | <input checked="" type="checkbox"/> GsXI-GPS.1 | <input checked="" type="checkbox"/> GsYI-GPS.1 | <input checked="" type="checkbox"/> GsZI-GPS.1 | | <input checked="" type="checkbox"/> GSXref | |
| | <input checked="" type="checkbox"/> GsXI-GPS.2 | <input checked="" type="checkbox"/> GsYI-GPS.2 | <input checked="" type="checkbox"/> GsZI-GPS.2 | | <input checked="" type="checkbox"/> GSYref | |
| Lat/Lon | <input checked="" type="checkbox"/> LatGPS.1 | <input checked="" type="checkbox"/> Lati-GPS.1 | <input checked="" type="checkbox"/> LonGPS.1 | <input checked="" type="checkbox"/> Loni-GPS.1 | <input checked="" type="checkbox"/> LATref | |
| | <input checked="" type="checkbox"/> LatGPS.2 | <input checked="" type="checkbox"/> Lati-GPS.2 | <input checked="" type="checkbox"/> LonGPS.2 | <input checked="" type="checkbox"/> Loni-GPS.2 | <input checked="" type="checkbox"/> LONref | |
| | <input checked="" type="checkbox"/> LatGPS.3 | | <input checked="" type="checkbox"/> LonGPS.3 | | | |
| | <input checked="" type="checkbox"/> LatGPS.4 | | <input checked="" type="checkbox"/> LatGPS.4 | | | |
| Pressure | <input checked="" type="checkbox"/> PDALPHA.1 | <input checked="" type="checkbox"/> PQALPHA.1 | <input checked="" type="checkbox"/> PQM.1 | <input checked="" type="checkbox"/> PSM.1 | <input checked="" type="checkbox"/> PDALPHAref | <input checked="" type="checkbox"/> PQMref |
| | <input checked="" type="checkbox"/> PDALPHA.2 | <input checked="" type="checkbox"/> PQBETA.1 | <input checked="" type="checkbox"/> PQM.2 | <input checked="" type="checkbox"/> PSM.2 | <input checked="" type="checkbox"/> PDBETAref | <input checked="" type="checkbox"/> PQ.c |
| | <input checked="" type="checkbox"/> PDBETA.1 | | <input checked="" type="checkbox"/> PQM.3 | <input checked="" type="checkbox"/> PTM.1 | <input checked="" type="checkbox"/> PQALPHAref | <input checked="" type="checkbox"/> PSMref |
| | <input checked="" type="checkbox"/> PDBETA.2 | | <input checked="" type="checkbox"/> PQM.4 | | <input checked="" type="checkbox"/> PQBETAref | <input checked="" type="checkbox"/> PS.c |
| Air Speed | <input checked="" type="checkbox"/> CasADDU.1 | <input checked="" type="checkbox"/> TasADDU.1 | <input checked="" type="checkbox"/> HasADDU.1 | | <input checked="" type="checkbox"/> TAS.d | <input checked="" type="checkbox"/> TAS.d |
| Pitch/Roll | <input checked="" type="checkbox"/> PitchI.1 | <input checked="" type="checkbox"/> PitchRateI.1 | <input checked="" type="checkbox"/> RollI.1 | <input checked="" type="checkbox"/> RollRateI.1 | <input checked="" type="checkbox"/> PITCHref | |
| | <input checked="" type="checkbox"/> PitchI.2 | <input checked="" type="checkbox"/> PitchRateI.2 | <input checked="" type="checkbox"/> RollI.2 | <input checked="" type="checkbox"/> RollRateI.2 | <input checked="" type="checkbox"/> ROLLref | |
| | <input checked="" type="checkbox"/> PitchI.3 | <input checked="" type="checkbox"/> PitchRateI.3 | <input checked="" type="checkbox"/> RollI.3 | <input checked="" type="checkbox"/> RollRateI.3 | | |
| Temp/Dewpt | <input checked="" type="checkbox"/> TTM.1 | <input checked="" type="checkbox"/> TDM.1 | <input checked="" type="checkbox"/> TRadD.1 | | <input checked="" type="checkbox"/> TTD.c | <input checked="" type="checkbox"/> TTMref |
| | <input checked="" type="checkbox"/> TTM.2 | <input checked="" type="checkbox"/> TDM.2 | <input checked="" type="checkbox"/> TRadS.1 | | <input checked="" type="checkbox"/> TDMref | <input checked="" type="checkbox"/> TTA.d |
| | <input checked="" type="checkbox"/> TTM.3 | <input checked="" type="checkbox"/> TDM.3 | <input checked="" type="checkbox"/> TRadU.1 | | | |
| Miscellaneous (must check) | | | | | <input checked="" type="checkbox"/> UWZ.d | <input checked="" type="checkbox"/> WS.d |
| | | | | | <input checked="" type="checkbox"/> DPJ_WSZ | <input checked="" type="checkbox"/> WD.d |
| | | | | | <input checked="" type="checkbox"/> HUM | |

FLID_Mission_Documents.pdf:

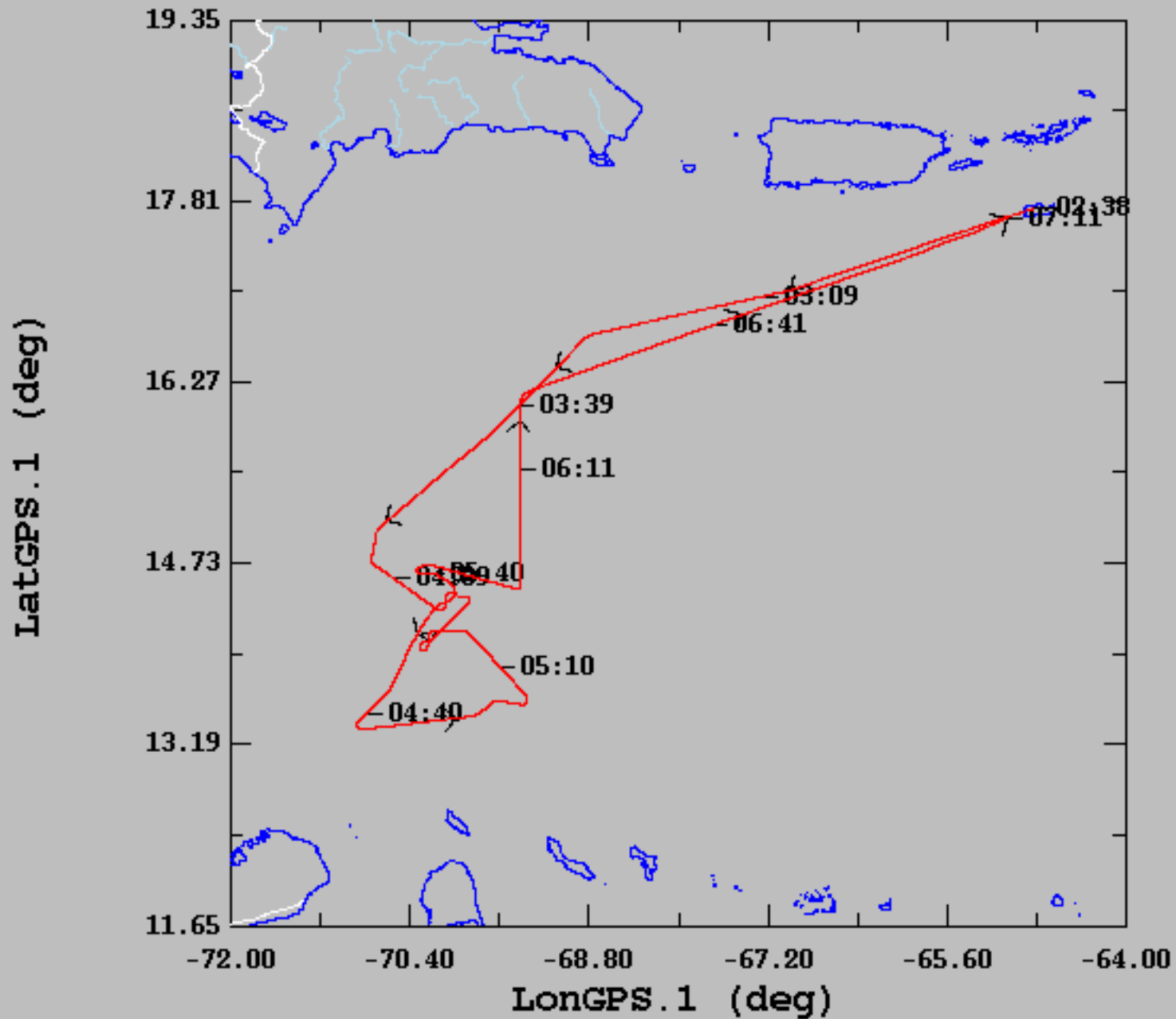
| |
|--|
| <input checked="" type="checkbox"/> Error Summary |
| <input checked="" type="checkbox"/> Crew Manifest |
| <input checked="" type="checkbox"/> QC checklist |
| <input checked="" type="checkbox"/> Dropwindsonde Log(s) – AVAPS and FD if completed |
| <input checked="" type="checkbox"/> Flight Track |
| <input checked="" type="checkbox"/> Miscellaneous FD notes |

NOTES:

PDAlpha.2 Inop.

20180915H1 Flight Track

2018-09-15, 02:38:39-07:11:58



| | mean | sigma | min | max |
|---------------------------|--------|-------|--------|--------|
| — LatGPS.1 (deg), 1 s/sec | 15.50 | 1.39 | 13.31 | 17.75 |
| — LonGPS.1 (deg), 1 s/sec | -68.87 | 1.66 | -70.87 | -64.81 |