

U.S. Dep't. of Commerce / OMAO / NOAA / Aircraft Operations Center

FLT ID: 20140121H2	From: kmcf	To: CYH2
FLT #:	Blk In: 0200 Z	Lnd Time: 228 0155Z
ETD: 1300 Z	Blk Out: 228 2144 Z	T/O Time: 2153 Z
ETE: 6+30	Total Blk:	Total Flt: 3.6
Sponsoring Org: NESDIS	Program: WOW14	Purpose: REPO/buoy 44150

AOC Flight Crew

Aircraft Commander: LCDR Kibbey	SSA: Basko
Co-Pilot: LCDR Kearns, LCDR DIDIER	AVAPS: NEWNAM
Navigator: CDR Gallagher	Scientists: Chang, Paul
Flight Eng: Darby, Lalonde	Scientists: Jelenak, Zolani
Flt Director: Sears, Holmes	Scientists: Sapp, Joe
SEB: LYNCH, J	Scientists: Baker, Micah
Crew Chief: Crouch	Visitors: /

	A/C - Takeoff	Wx Station - Takeoff	A/C - Land	Wx Station - Land
Pressure				

AS REQUIRED BY ORM	YES / NO	REMARKS
VOLCANIC ASH	X	
SCIENCE MISSION WITHIN BOUNDARY LAYER		
LACK OF PRECIPITATION		
RELATIVE HUMIDITY AT OR ABOVE 80%		
LARGE AIR-SEA TEMPERATURE GRADIENT		
HIGH SURFACE WINDS		
LONG FETCH AND/OR DURATION OF SFC WIND		
SEA SALT ACCRETION FORECAST		
SEA SALT ACCRETION OBSERVED		

Dropsondes	Good:	Bad:	Sent:
AXBT	Good:	Bad:	Sent:

List other data sources in Remarks section

Remarks (Storm VDM Identifier, Mission ID, Fix Times)	Fix #	VDM Ob Num	Fix Time / SLP
Storm Number Identifier (VDM): NA			
(ie: AL072012)			
TCPOD/WSPOD Mission ID: NOAA2 WXWXA TRAIN			
(ie: NOAA2 2418A SANDY)			

Remarks:



N42RF ERROR SUMMARY

Ocean Winds REPO Flight

21 January 2014



Flight ID: 20140121H1

Sensor or system

Static Pressure Probe
Dynamic Pressure Probe
Total Temperature Probe
Dewpoint Temp. Probe
Vertical Accelerometer
Altimeter
INE Selection
Differential Attack Pressure Probe
Differential Sideslip Pressure Probe
Dynamic Attack Pressure Probe
Dynamic Sideslip Pressure Probe
Flight Directory

Number or Name

PSM.2
PQM.2
TTM.1
TDM.1X
AccZfilterI-GPS.1
AltIGPS.3
1
PDALPHA.1
PDBETA.1
PQALPHA.1
PQBETA.1
acdata/MET/2013/20140121H1

Local Met Data:

Aircraft Static Pressure
Tower Pressure (corrected)

Takeoff (2153Z)

1012.7mb
1011.3mb

Landing (0155Z)

1000.0mb
998.1mb

Notes:

The measured Dewpoint Temperature from the Buck sensor (TDM.1) recorded erroneous values between 01:05:18Z and 01:21:47Z. The dewpoint temperature exceeded the calculated ambient temperature during this period of time resulting in relative humidity values greater than 100%. To correct this erroneous data, the values from TDM.1 were replaced with observed values from the measured Dewpoint Temperature via the EdgeTech sensor (TDM.2).

Takeoff/Landing data: Data during landing and takeoff are potentially suspect. It is recommended that ground data not be used for scientific analysis.

SPECIAL NOTE!!! The variable names dpj_wgs, dpj_was, and dpj_wz in the netCDF file represent vertical ground, vertical air, and vertical wind speeds respectively, computed using Dave Jorgensen's vertical wind algorithm. It is recommended that these values be used for vertical wind analysis.

Expendable Type	Number deployed	Number good	Number of messages transmitted
GPS dropwindsonde	0	0	0
AXBT	0	0	0
CTD	0	0	0

Flight Director:
Phone #:

Mike Holmes
(813) 828-3310 ext. 3140

25/12

OF

6. NEXT POSITION

- PILOT INTENTIONS
WE HAVE
ENGINEER AND DESIGNER

TIME	FIX TYPE	POSITION	INS 1 POSITION	K ERR	INS 2 POSITION	K ERR	MH	VAR +E=>	TH	DR +R=>	TRK	GS	WD	WS	ALT	TAS	NEXT PT	DIST	TIME	ETA	REMARKS
2147	HA																				
2148	HA																				
2149	HA																				
2150	HA																				
2151	HA																				
2152	HA																				
2153	HA																				
2154	HA																				
2155	HA																				
2156	HA																				
2157	HA																				
2158	HA																				
2159	HA																				
2160	HA																				
2161	HA																				
2162	HA																				
2163	HA																				
2164	HA																				
2165	HA																				
2166	HA																				
2167	HA																				
2168	HA																				
2169	HA																				
2170	HA																				
2171	HA																				
2172	HA																				
2173	HA																				
2174	HA																				
2175	HA																				
2176	HA																				
2177	HA																				
2178	HA																				
2179	HA																				
2180	HA																				
2181	HA																				
2182	HA																				
2183	HA																				
2184	HA																				
2185	HA																				
2186	HA																				
2187	HA																				
2188	HA																				
2189	HA																				
2190	HA																				
2191	HA																				
2192	HA																				
2193	HA																				
2194	HA																				
2195	HA																				
2196	HA																				
2197	HA																				
2198	HA																				
2199	HA																				
2200	HA																				
2201	HA																				
2202	HA																				
2203	HA																				
2204	HA																				
2205	HA																				
2206	HA																				
2207	HA																				
2208	HA																				
2209	HA																				
2210	HA																				
2211	HA																				
2212	HA																				
2213	HA																				
2214	HA																				
2215	HA																				
2216	HA																				
2217	HA																				
2218	HA																				
2219	HA																				
2220	HA																				
2221	HA																				
2222	HA																				
2223	HA																				
2224	HA																				
2225	HA																				
2226	HA																				
2227	HA																				
2228	HA																				
2229	HA																				
2230	HA																				
2231	HA																				
2232	HA																				
2233	HA																				
2234	HA																				
2235	HA																				
2236	HA																				
2237	HA																				
2238	HA																				
2239	HA																				
2240	HA																				
2241	HA																				
2242	HA																				
2243	HA																				
2244	HA																				
2245	HA																				
2246	HA																				
2247	HA																				
2248	HA																				
2249	HA																				
2250	HA																				
2251	HA																				
2252	HA																				
2253	HA																				
2254	HA																				
2255	HA																				
2256	HA																				
2257	HA																				
2258	HA																				
2259	HA																				
2260	HA																				
2261	HA																				
2262	HA																				
2263	HA																				
2264	HA																				
2265	HA																				