

HS3 - Global Hawk #872 08/29/13 - 08/30/13 Science Report

Aircraft: [Global Hawk - AFRC #872](#) ([See full schedule](#))

Date: Thursday, August 29, 2013 - Friday, August 30, 2013

Mission: HS3

Mission Location: Pouch 29L-precursor to TS Gabrielle

Mission Summary:

Investigation into the wave disturbance known as Pouch 25L, a precursor to Tropical Storm Gabrielle

Submitted by: Scott Braun on 09/11/13

File:

 [HS3_AUG29-30_flight_report.pdf](#)

Related Flight Report:

Global Hawk #872 08/29/13 - 08/30/13

Flight Number: 872-0115

Payload Configuration: HS3 - TN872 2013 configuration

Nav Data Collected: No

Total Flight Time: 22.6 hours

Submitted by: Chris Nafel on 08/31/13

Flight Segments:

From:	WFF	To:	WFF
Start:	08/29/13 12:59 Z	Finish:	08/30/13 11:34 Z
Flight Time:	22.6 hours		
Log Number:	13H010	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The flight was delayed about 2 hours due to weather and a takeoff abort. During the flight to 25L, 72 sondes were deployed. The aircraft landed with a green board and all three instrument teams reported good data from their instruments.		

Flight Hour Summary:

	13H010
Flight Hours Approved in SOFRS	459.1
Total Used	272.4
Total Remaining	186.7

13H010 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/01/13	872-0111	Check	5	5	454.1	
08/08/13	871-0087	Check	4.6	9.6	449.5	
08/14/13	871-0088	Ferry	10.8	20.4	438.7	
08/16/13	872-0112	Ferry	10.2	30.6	428.5	
08/20/13 - 08/21/13	872-0113	Science	25.1	55.7	403.4	
08/24/13 - 08/25/13	872-0114	Science	24.6	80.3	378.8	

08/29/13 - 08/30/13	872-0115	Science	22.6	102.9	356.2
09/03/13 - 09/04/13	871-0089	Science	23.2	126.1	333
09/04/13 - 09/05/13	872-0116	Science	22.9	149	310.1
09/07/13 - 09/08/13	872-0117	Science	23.2	172.2	286.9
09/10/13	871-0090	Science	4.6	176.8	282.3
09/15/13 - 09/16/13	871-0091	Science	22.9	199.7	259.4
09/16/13 - 09/17/13	872-0118	Science	20.6	220.3	238.8
09/17/13	871-0092	Science	4.5	224.8	234.3
09/19/13 - 09/20/13	872-0119	Science	22.7	247.5	211.6
09/25/13 - 09/26/13	871-0093	Science	15.1	262.6	196.5
09/26/13	872-0120	Ferry	9.8	272.4	186.7

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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NASA Official: Bruce A. Tagg

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