

HS3 - Global Hawk #872 09/18/14 - 09/19/14 Science Report

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

Date: Thursday, September 18, 2014 - Friday, September 19, 2014

Mission: HS3

Mission Summary:

HS3 2014 18-19 Sept Science Report: GLOBAL HAWK AV-6 Edouard Flight

Submitted by: Marilyn Vasques on 09/30/14

File:

 [2014SEP18-19_AV-6 EDUOARD flight report_sm.pdf](#)

Related Flight Report:

Global Hawk #872 09/18/14 - 09/19/14

Flight Number: 872-0140

Payload Configuration: HS3 2014 Instrument Configuration

Nav Data Collected: No

Total Flight Time: 23.7 hours

Submitted by: Chris Nafel on 09/19/14

Flight Segments:

From:	WFF	To:	WFF
Start:	09/18/14 07:15 Z	Finish:	09/19/14 06:58 Z
Flight Time:	23.7 hours		
Log Number:	14H002	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	TN872 landed at WFF after a 23.7 hour mission to Edouard, which was downgraded to a Tropical Storm during the mission. All 50 sondes were deployed during the mission. The Mission Scientists have decided not to request a flight on Saturday, due to a lack of an interesting target, so I am declaring a down day on Saturday. A decision will be made later today on a possible flight on Sunday.		

Flight Hour Summary:

	14H002
Flight Hours Approved in SOFRS	447
Total Used	272.6
Total Remaining	174.4

14H002 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/31/13 - 11/01/13	871-0093	Check	10.4	10.4	436.6	
08/06/14	872-0132	Check	5.1	15.5	431.5	
08/14/14	871-0099	Check	6.2	21.7	425.3	
08/21/14	871-0100	Ferry	2.4	24.1	422.9	
08/26/14 - 08/27/14	872-0133	Science	22.6	46.7	400.3	
08/28/14 - 08/29/14	872-0134	Science	23.7	70.4	376.6	

09/02/14 - 09/03/14	872-0135	Science	23.6	94	353
09/05/14 - 09/06/14	872-0136	Science	24	118	329
09/11/14 - 09/12/14	872-0137	Science	23.6	141.6	305.4
09/14/14 - 09/15/14	872-0138	Science	23.8	165.4	281.6
09/16/14 - 09/17/14	872-0139	Science	22.7	188.1	258.9
09/18/14 - 09/19/14	872-0140	Science	23.7	211.8	235.2
09/22/14 - 09/23/14	872-0141	Science	24.5	236.3	210.7
09/28/14 - 09/29/14	872-0142	Science	24.2	260.5	186.5
09/30/14	872-0143	Ferry	12.1	272.6	174.4

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.

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

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