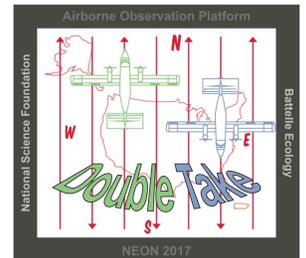




2017 P1C1 Daily Report



Flight Campaign ID: 2017_P1C1
FBO ID & City: KSPS – Wichita Falls, TX
Domain: 11
Sites Flown: OAES
Days left in Domain: 4
Flight Hours: 04:16, 01:32
Hours until maintenance: 54.50

Date: 2017-05-05
Report Author: Ivana Vu
Pilots: Kyler Dalton, Grant Frost
Flight Crew: Cameron Chapman (NIS), Ivana Vu (Lidar)
Ground/GPS: Mitch Haynes
Additional Personnel: None

GPS Instruments:

01 - FBO-KSPS, 03 - OAES/N11A

Summary:

Cloud cover remained under 10% throughout the day as crew completed the Klemme Range Research Station (OAES) flight box and re-flew lines that were previously collected under yellow or red conditions. Blue River (BLUE) is the last site in D11 that requires coverage.

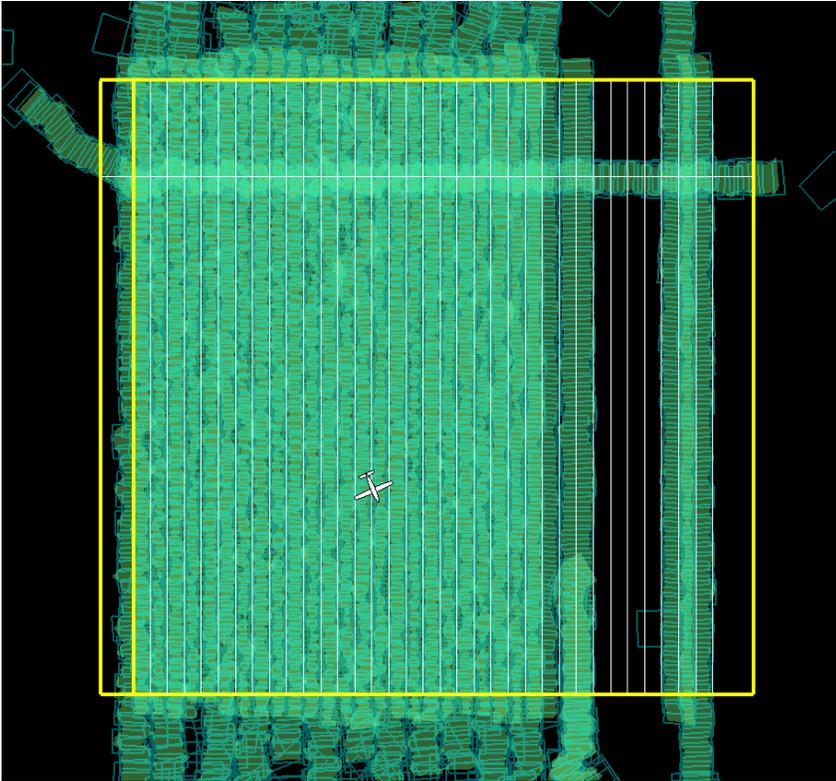
Issues/Concerns:

Fernando is continuing to troubleshoot the Hotel Kit QA/QC code

Comments:

- Completed OAES: Lines 3-4, 10, 12-36 (<10% cloud cover)
- RAID 2017_P1C1_09 has been shipped to the Denver data repository
- GPS stations and support equipment arrived in D08 (Birmingham, AL)
- KCLK FBO (Clinton, OK) met our ground power supply requirements and is a viable fuel stop for future collects at OAES
- In order to take advantage of clear weather forecasted for tomorrow, Crew Down Day has been changed from May 6th to May 7th

Lidar Screenshot



Domain Coverage

D11 OAES	Line	SpecG	SpecY	SpecR	NIS	Lidar	Camera	Cumulative
	1							NLC
	3							NLC
	4							NLC
	10							NLC
	12							NLC
	13							NLC
	14							NLC
	15							NLC
	16							NLC
	17							NLC
	18							NLC
	19							NLC
	20							NLC
	21							NLC
	22							NLC
	23							NLC
	24							NLC
	25							NLC
	26							NLC
	27							NLC
	28							NLC
	29							NLC
	30							NLC
	31							NLC

	32							NLC
	33							NLC
	34							NLC
	35							NLC
	36							NLC
Completed:	(29/29)							80.56%

Pictures:



Figure 1. Wind farms in southern Oklahoma

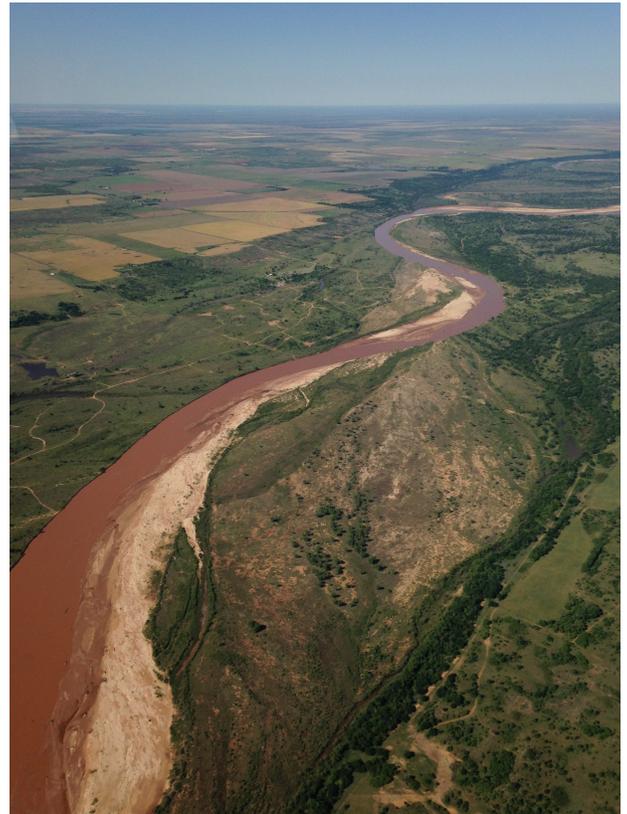
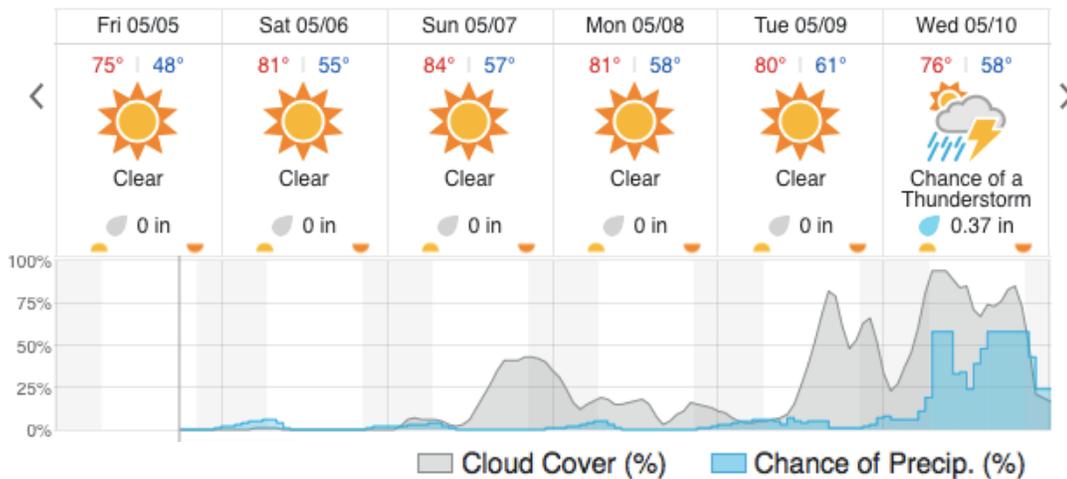


Figure 2. Texas/Oklahoma border (Red River of the South)

Weather Forecast

Connerville, OK (BLUE)



Flight Collection Plan for May 6th, 2017:

Flyority 1:

Collection Area: Blue River (BLUE)

Flight Plan Name: D11_BLUE_A2_P2_v2.pln

On Station: 1000 L / 1500 UTC

Crew:

Lidar: Mitch Haynes

NIS: Ivana Vu

Ground/GPS: Cameron Chapman

Flight Collection Plan for May 7th, 2017:

Crew Down Day: No flight activities planned