



July 19, 2018 Payload 3 Daily Flight Report



Date: 2018-07-19

Flight Campaign ID: 2018_P3C1

Airport, FBO ID, City: Bozeman Yellowstone International Airport (KBZN) - Belgrade, MT

Domain: 12

Sites Flown: Transit (D16 to D12)

Days left in Domain: 5

Report Author: Abe Morrison

Flight Crew: Abe Morrison, Robb Walker

Ground/GPS: Cameron Chapman

Pilots: Grant Frost, Gina Moore

Additional Personnel:

GPS Instruments:

Flight Hours: 03:04

Hours until maintenance: 37.87

Summary

With the successful early completion of all sites in D16 the crew repositioned the Otter back to D12. With the remaining 5 days we will attempt to improve the flight lines that were not collected under green sky conditions.

We would not have been able to make it back out to D12 had it not been for the huge effort of the HQ staff to process the data and get us the green light to transit. Thanks for working into the wee hours of the morning!!!

Concerns

None

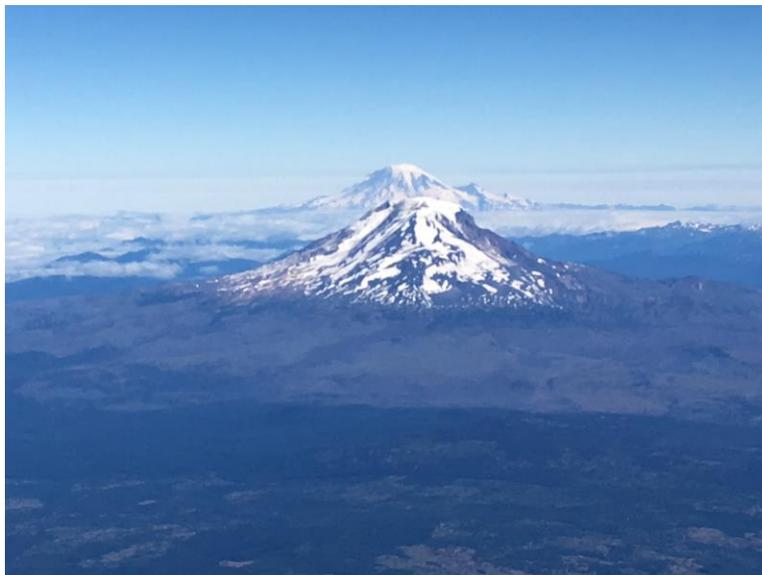
Comments

--D16 GPS systems were shipped back to boulder (GPS 8 & 10)

--GPS system 9 went with the otter to D12

--Transited back to D12

Pictures



Mt Adams and Mt Rainier during transit to D12



Central Washington during transit to D12

Cumulative Domain Coverage

YELL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85															

Flown: 100% (85/85)

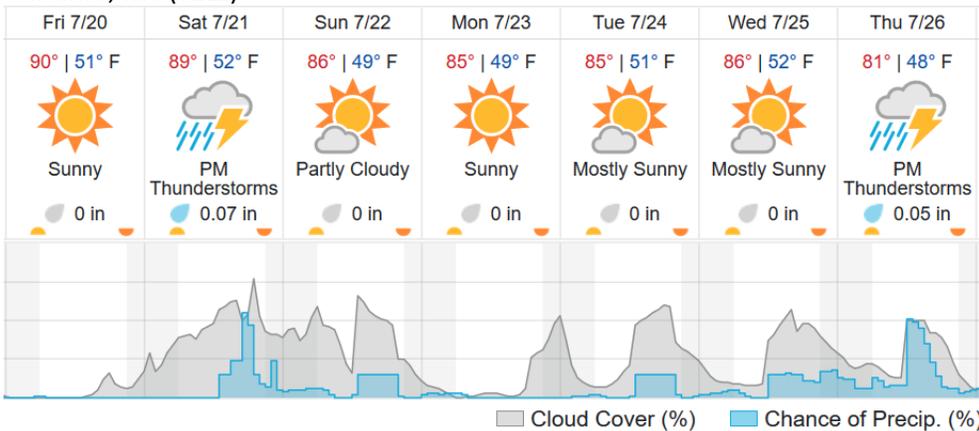
Green: 16% (14/85)

Yellow: 44% (37/85)

Red: 44% (37/85)

Weather Forecast

Gardiner, MT (YELL)



Flight Collection Plan for 20 July 2018

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) *If Green sky conditions*

Flight Plan Name: D12_YELL_C1_P1_v2_Q780

On-Station Time: 15:55 UTC / 0955 L:

Crew: Abe Morrison (Lidar), Robb Walker (NIS), Cameron Chapman (Ground)

Flight Collection Plan for 21 July 2018

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) *If Green sky conditions*

Flight Plan Name: D12_YELL_C1_P1_v2_Q780

On-Station Time: 15:55 UTC / 0955 L:

Crew: Cameron Chapman (Lidar), Abe Morrison (NIS), Robb Walker (Ground)