



June 29, 2018 Payload 3 Daily Flight Report



Date: 2018-06-30

Flight Campaign ID: 2018_P3C1

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

Domain: 12

Sites Flown: None

Days left in Domain: 6

Report Author: Mitch Haynes

Flight Crew: Heather Rogers, Cameron Chapman, Mitch Haynes

Flight Hours: 00:00

Ground/GPS:

Hours until maintenance: 82.35

Pilots: Mike Francis, Dylan Malfatti

Additional Personnel:

GPS Instruments:

Summary

Cumulus clouds hovered at and below flight altitude over Yellowstone National Park preventing any attempts at a collect today.

Concerns

The NIS chamber pressure sensor appears to be displaying an incorrect readout.

Comments

- The spectrometer remains within spec and functioning nominal.
- Swapped battery out at FBO GPS.
- The system of webcams provided by the NPS within Yellowstone are proving to be a huge asset in determining cloud coverage.

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: 0% (0/85)

Green: 0% (0/85)

Yellow: 0% (0/85)

Red: 0% (0/85)

Pictures: Here are some delayed photos from the transit into Bozeman last Monday, 6/25.



**Above: Bighorn Canyon National Recreation Area, Wyoming/Montana
Below: Bald Ridge within the Shoshone National Forest, Wyoming**



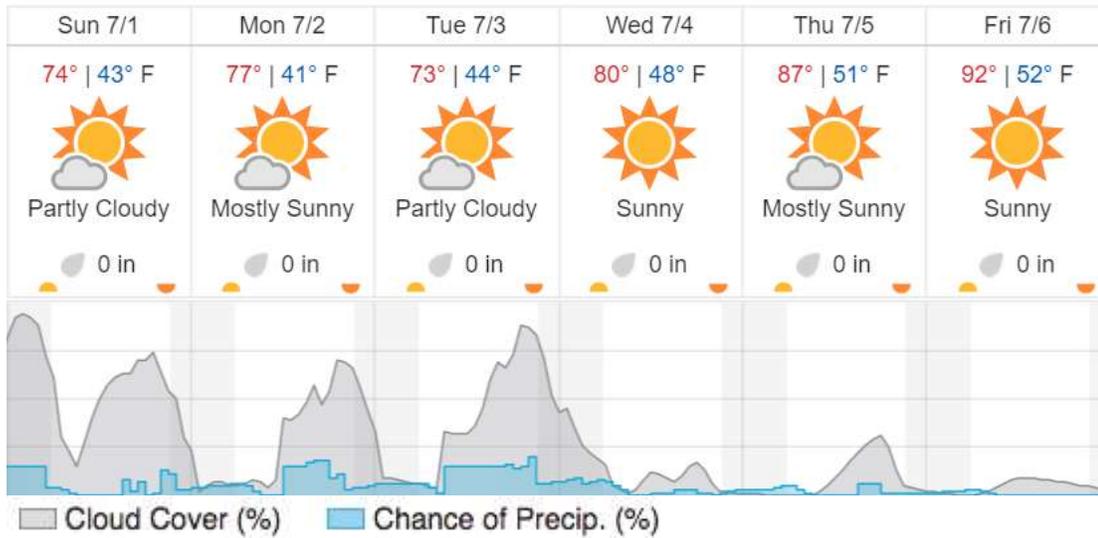


**Above: Confluence of Sunlight Creek and Clarks Fork River near Dead Indian Hill, Shoshone National Forest
Below: Flying above Beartooth Highway (WY/MT border) with the Beartooth Mountain Range visible in the distance.**



Weather Forecast

Gardiner, MT



Flight Collection Plan for 31 June 2018

Flyority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL)

Flight Plan Name: D12_YELL_C1_P1_v2_Q780

On-Station Time: 15:50 UTC / 0950 L:

Crew: Heather Rogers (Lidar), Cameron Chapman (Lidar Trainer), Mitch Haynes (NIS)