



July 23, 2019 Payload 1 Daily Flight Report



Date: 2019-07-23

Flight Campaign ID: 2019_P1C1

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

Domain: 12

Sites Flown: None

Days left in Domain: 5

Report Author: Mitch Haynes

Flight Crew: Mitch Haynes, John Adler

Flight Hours: 00:00

Ground/GPS:

Hours until maintenance: 79.62

Pilots: Chad Evans, Shelby Schulz

Additional Personnel:

GPS Instruments:

Summary

High temps, low humidity, gusty winds, and a good deal of altostratus and cumulonimbus clouds in the region. No flights were attempted to better up coverage today.

Concerns

- Teldat issues persist; after towing the Otter out to re-arrange in the aircraft, AT&T connection no longer getting internets in hangar. Reverted back to Mifi.
- Thermalcouple T11 still displaying erratic temperature behavior. Will continue to monitor. May need to investigate NIDAQ connections.
- Coverage check errors believed to be due to discrepancies between recently changed flight line altitudes in the flight plan summaries and those in the pln file. Data is believed to be fine otherwise.

Comments

- RAID 2019_P1C1_03 shipped out to the Denver Data Center.

Cumulative Domain Coverage

N12A

1

Flown: 100% (1/1)

Green: 100% (1/1)

Yellow: 0% (0/1)

Red: 0% (0/1)

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															

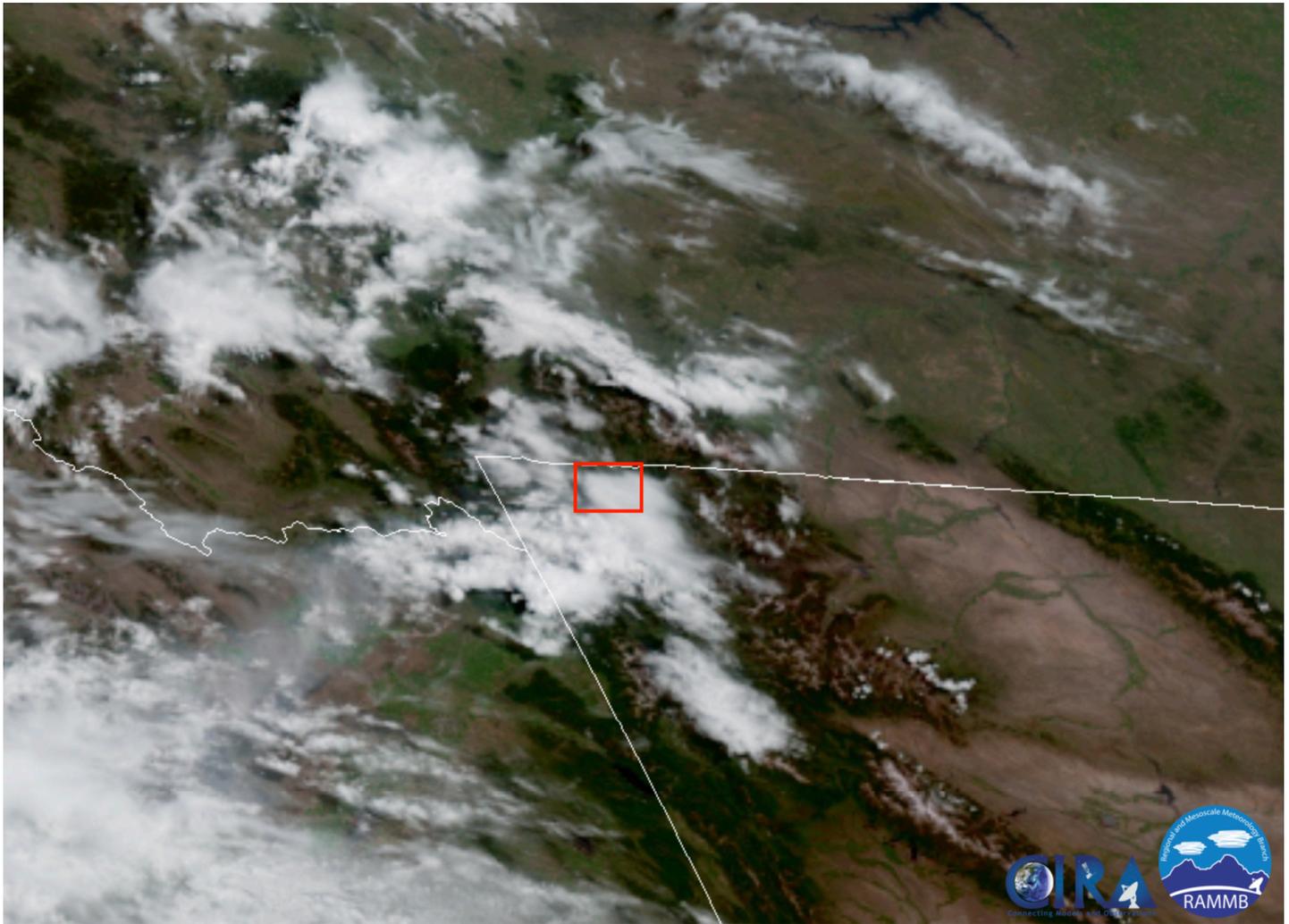
Flown: 100% (85/85)

Green: 76% (65/85)

Yellow: 18% (15/85)

Red: 9% (8/85)

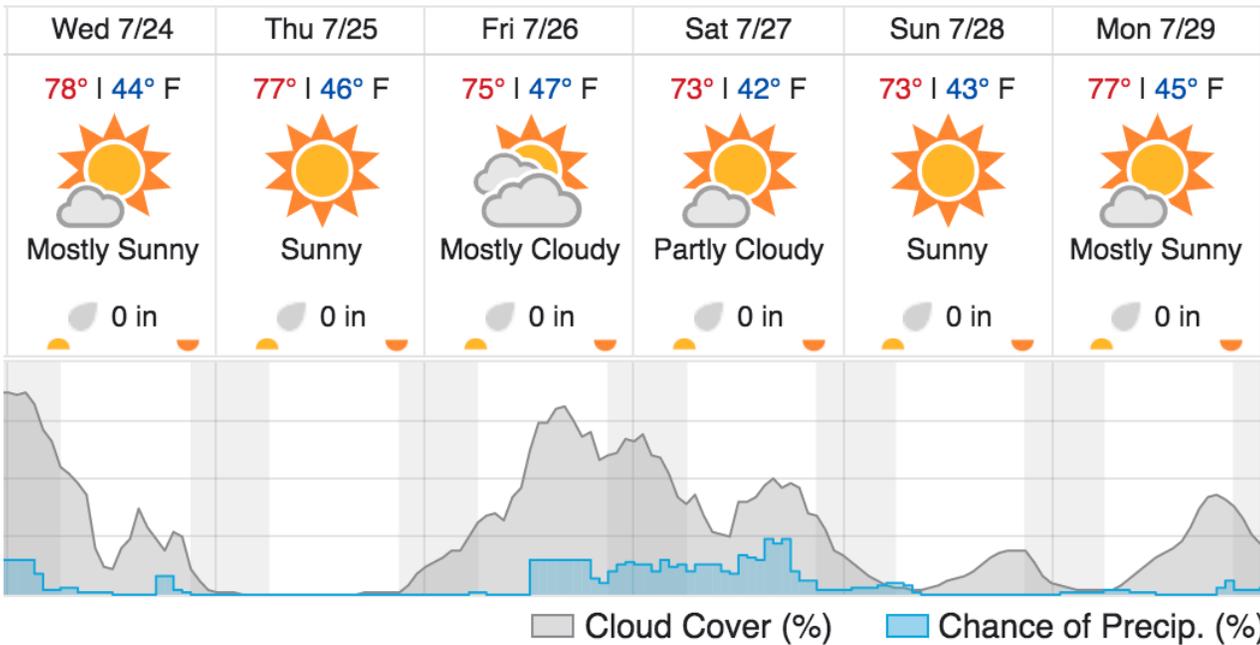
Pictures



Above: Cloud coverage at noon today. Rough location of Yellowstone flight box in red.

Weather Forecast

Yellowstone National Park



Flight Collection Plan for 24 July 2019

Scheduled no fly day.

Flight Collection Plan for 25 July 2019

Priority 1 (Flight Priority 1):

Collection Area: Yellowstone Northern Range (YELL) lines 2-23 if there are Green conditions.

Flight Plan Name: D12_YELL_C1_P1_v4_650AGL_Max.pln

On-Station Time: 1600 UTC / 1000 L

Crew: John Adler (Lidar), Mitch Haynes (NIS/GPS)