



Payload 1 Daily Flight Report

Date: 2026-06-08

Flight Campaign ID: P1C1

Airport, FBO ID, City: Boulder Municipal Airport (KBDU) - Boulder, CO; Rapid City Regional Airport (KRAP) - Rapid City, SD; Bismarck Municipal Airport (KBIS) - Bismarck, ND

Aircraft: N537AR

Domain: 09 (Northern Plains)

Sites Flown: Transit

Days left in Domain: 26

Report Author: Alyssa

Lidar Operators: **Flight Hours:** 01:34:00, 01:17:00

Spectrometer Operators: **Hours until maintenance:** 89.68

Pilots: Troy, Manning

Adt'l Flight Crew: Alyssa **Ground Crew:** Matt, John

Summary

Payload transitted to D09 today, with a stop in Rapid City.

Concerns

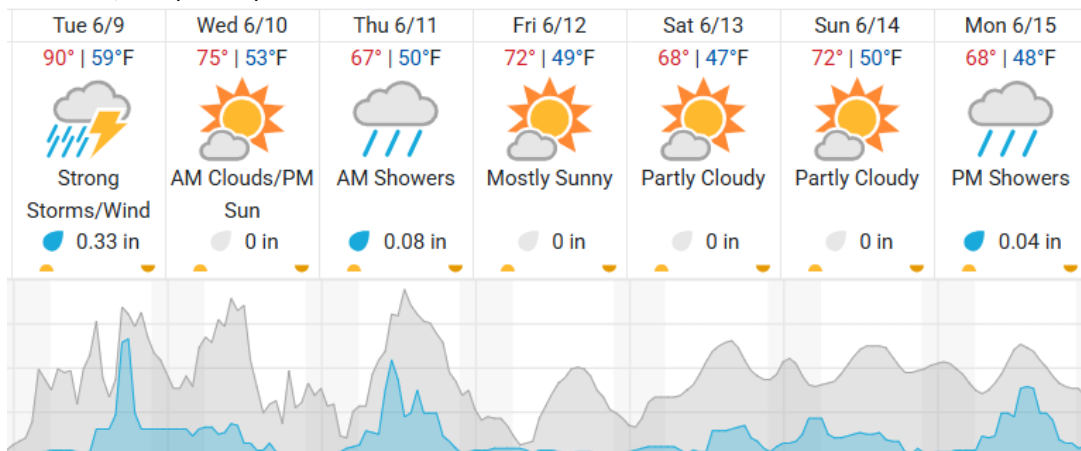
Suspected cold cathode failure on NIS pressure transducer, replacement to be shipped to payload.

Comments

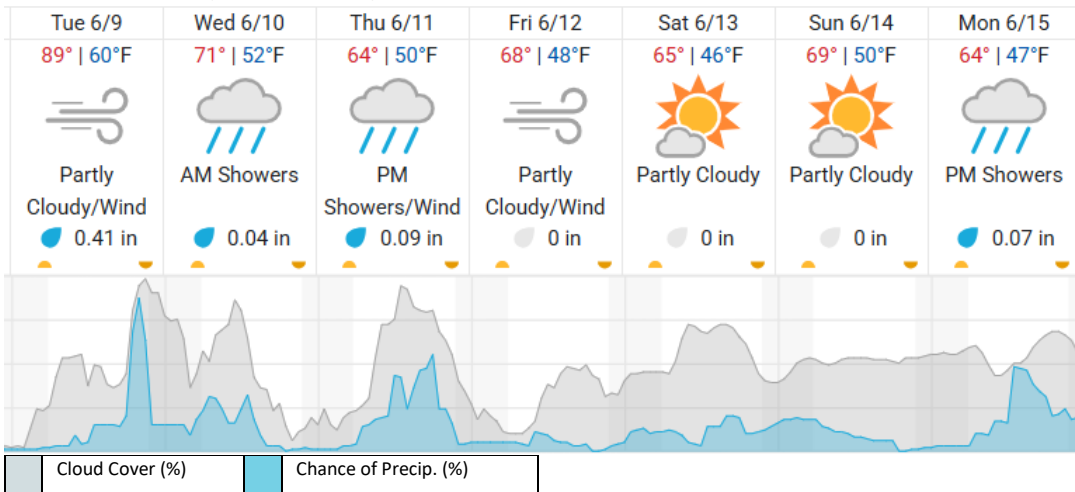
RAID 2026_P1C1_04 verified yesterday, to be shipped tomorrow. RAID 2026_P1C1_05 formatted.

Weather Forecast

Bismarck, ND (NOGP)



Woodworth, ND (WOOD/DCFS)



source: wunderground.com

Flight Collection Plan for 9 June 2026

Flyority 1

Site: Northern Great Plains (NOGP)
 Flight Plan Name: D09_NOGP_R2_P1_v4_PRM.xml
 Solar Angle Time: 09:40L/14:50UTC

Flyority 2

Site: Woodworth (WOOD) – Dakota Coteau Field School (DCFS)
 Flight Plan Name: D09_WOOD_DCFS_C1_P1_v6_PRM.xml
 Solar Angle Time: 09:30L/14:30UTC

Crew: John (Lidar), Alyssa (NIS)