*This is a supplement to your quasi-daily update on the 2022 ABoVE Airborne Campaign*

**Sunday 31 July 2022 (DOY 211) SAR Flights Schedule Update**

Aircraft maintenance and crew proficiency training requirements have resulted in several changes in the plan.

The L-band SAR instrument will fly on the AFRC C-20 aka [NASA802](https://flightaware.com/live/flight/NASA802), departing Palmdale for Saskatoon on 12 August.

The P-band SAR instrument will fly on the JSC Gulfstream III aka [NASA2](https://flightaware.com/live/flight/NASA2) departing Palmdale for Fairbanks on 18 August.

Dates for flights will be updated on the [UAVSAR Calendar](https://uavsar.jpl.nasa.gov/science/calendar.html)

11 August: Peter Griffith flies to Palmdale to commence Scientist On Board duties

12 August: NASA802 L-band Transit from Palmdale to Saskatoon

13 August: [BERMS TomoSAR](https://uavsar.jpl.nasa.gov/cgi-bin/report.pl?planID=naiara_2485#summary) science flight

14 August: Hard down day in Saskatoon (mandatory crew rest day)

15 August: [Transit to Yellowknife](https://uavsar.jpl.nasa.gov/cgi-bin/report.pl?planID=naiara_2481#summary) science flight

16 August: [Local Yellowknife](https://uavsar.jpl.nasa.gov/cgi-bin/report.pl?planID=naiara_2482#summary) science flight followed by an open house at FBO Det’on Cho Logistics (1600-1730 local time)

17 August: Liz Hoy flies to Fairbanks to commence Scientist On Board duties

18 August: NASA2 [Transit to Fairbanks](https://uavsar.jpl.nasa.gov/cgi-bin/report.pl?planID=peacock_0425#summary) from Yellowknife coordinated science flight with NASA802 [Transit from Palmdale](https://uavsar.jpl.nasa.gov/cgi-bin/report.pl?planID=peacock_0465#summary) to Fairbanks

19-23 August: Coordinated P-band and L-band science flights. Our first priority is to fly the NGEE-Arctic sites on the Seward Peninsula as soon as weather permits.

24 August: Backup flight day. Open House at FBO Alaska Aerofuels

25 August: Both aircraft transit to Palmdale. NASA802 with L-band will conduct a science flight in British Columbia for NRCan glacier studies

Ground validation teams will find active layer and soil moisture protocols posted in the SAR section of the [2022 Airborne page](https://above.nasa.gov/airborne_2017.html#2022) and linked directly here:

[Protocol for Active Layer Thickness Surveys](https://above.nasa.gov/Documents/ALT_Protocol_04.pdf) (by Kevin Schaefer et al)  
[Protocol for Soil Moisture Measurements](applewebdata://507CB6C9-F0E1-48F8-A27D-F0A19B5CA8EB/Documents/Soil%20moisture%20protocols.zip) (by Laura Bourgeau-Chavez et al)

Compilation of [Quasi-Daily Flight Reports](https://above.nasa.gov/airborne_2017.html?tab=2022#reports) for all instruments

\*\*\* Ground truth providers seeking information on timing of potential overflights should text or email Chip Miller and Peter Griffith \*\*\*

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