Webex Agenda, 6 February 2014

1. Data Status
2. Upcoming science team meeting
3. Update on Colorado logistics and schedule

Data Status and Schedule

***** Any upload activities to the server from Jan 31 thru Feb 05, including dataID registration, might have been rejected due to the server's cache disk being full. If you have uploaded data during this period, please visit the archive and verify that the data was actually received. *****

If anyone needs updated merge products in advance of the Science Team Meeting, please let us know ASAP.

While the final data for Houston is still incomplete, Gao Chen should be working with those of you still finalizing data.

The Houston archive is still password protected, but we would like to remove it soon.

Thanks to the P-3B investigators who have already submitted. While this counts as your final data submission, we understand that you will need to evaluate your data for small time shifts once we have the DLH data for comparison.

When: 24-28 February

Where: NASA Langley Research Center (Hampton, VA)

Venue: Reid Conference Center (and remote access as usual for plenary portions)

Travel Support:

The project has budgeted for the typical travel support for each PI plus one group member to attend.

Badges: Badges will be necessary since the meeting is on NASA grounds, so Mary Kleb needs to hear from you even if you do not need travel support.

RSVP: Please contact Mary even if you do not need badging/travel assistance so that we can properly gauge space requirements

If you have not yet informed Mary Kleb of your attendance, please contact her ASAP.

Science Team Meeting (Agenda)

Preliminary Agenda:

Monday, 24 February (Maryland)
AM - Presentations
PM - Posters and Breakout Sessions

Tuesday, 25 February (California)
AM - Presentations
PM - Posters

Wednesday 26 February (California)
AM - Presentations
PM - Breakout Sessions

Thursday 27 February (Houston)
AM - Presentations
PM - Posters

Friday 28 February (Houston)
AM - Presentations
PM - Breakout Sessions

Campaign	Talks	Posters
Maryland	11	2
California	13	9
Texas	20	3
Other	1	3
Total	54	17

We are still expecting more submissions. **Please forward those to both me and Ken Pickering ASAP.**

Expect a detailed draft agenda by next week. Our goal is to provide 20 minutes for oral presentations. This is going to be tough for the Texas session, but there are currently only a few posters. We will need to either convert some folks to posters or sacrifice poster time for more talks.

Foreign National Badging Status

Name	Status	Name	Status
Chen, Weiwei	All documents submitted	Orozco, Daniel	All documents submitted
Crosbie, Ewan	All documents submitted	Senff, Christoph	All documents submitted
Johansson, John	All documents submitted	Sun, Kang	Approved
Li, Yang	Approved	Wisthaler, Armin	All documents submitted
Mead, Iq	All documents submitted	Zhang, Qi	All documents submitted
Mueller, Markus	All documents submitted	Zhang, Xiaolu	Approved
Nowlan, Caroline	All documents submitted	Zhang, Yuzhong	Approved

- While foreign nationals are required to be under escort, we will not be pairing you with specific escorts. Instead, we will be certifying all NASA badged personnel (civil servant and contractor) to perform this role. We only need to ensure that you are with someone qualified to escort you at all times.
- We will be circulating instructions and escorts forms to all civil servants and contractors for signature.
- We will also need to arrange escorts to meet you at the gate to drive into the center (or possibly a bus from the badge and pass office to the auditorium)

US Citizen Badging Needs

- Anyone who does not have a NASA badge will need to be badged
- Please check your name, it must match the name on your photo ID
- If you need a badge and are not on this list, email Mary Kleb ASAP

Name
Baier, Bianca
Beaver, Melinda
Cohen, Ronald
Corr, Chelsea
Delgado, Ruben
Dickerson, Russell
Estes, Mark
Faloona, Ian
Flynn, Clare
Friberg, Mariel
Fried, Alan
Goldberg, Daniel
Halliday, Hannah

Name
Hembeck, Linda
Herndon, Scott
Jordan, Carolyn
Kollonige, Debra
Langford, Andrew
Lantz, Kathleen
Lee, Pius
Lefer, Barry
Liu, Xiong
Long, Russell
Luke, Winston
Martins, Douglas
Miller, David

Name
Morris, Gary
Nadkarni, Raj
Nowak, John
Parworth, Caroline
Pusede, Sally
Ren, Xinrong
Sheesley, Rebecca
Stauffer, Ryan
Stein-Zweers, Deborah
Usenko, Sascha
Wallace, Henry
Zondlo, Mark

Science Team Meeting - FOOD

Current ideas – Input is welcome

We cannot use project funds to pay for food – donations will be accepted
Approximate cost: $2-2.50/day for all day coffee/tea and morning snacks (do you want this?)

Morning snacks

Coffee/Tea/OJ/water
Assorted pastries/coffee cake/bagles/muffins etc.
Fresh fruit (apples, bananas, clementines)

Lunch

Order box lunch ($10) – if you want this option, orders must be received 4 days in advance. Mary will send an email soliciting orders. Choices include roast beef, roast turkey, or ham and cheese on roll or vegetarian wrap. All lunches come with chips or pretzels, apple or cookie, and drink.

Alternatives are to visit the NASA cafeteria or drive off center (All foreign nationals must be escorted by a NASA civil servant or contractor)

Afternoon snacks

Coffee/tea/water (soft drinks from vending machine)
LaRC locals show off your baking expertise by providing goodies to share

DISCOVER-AQ

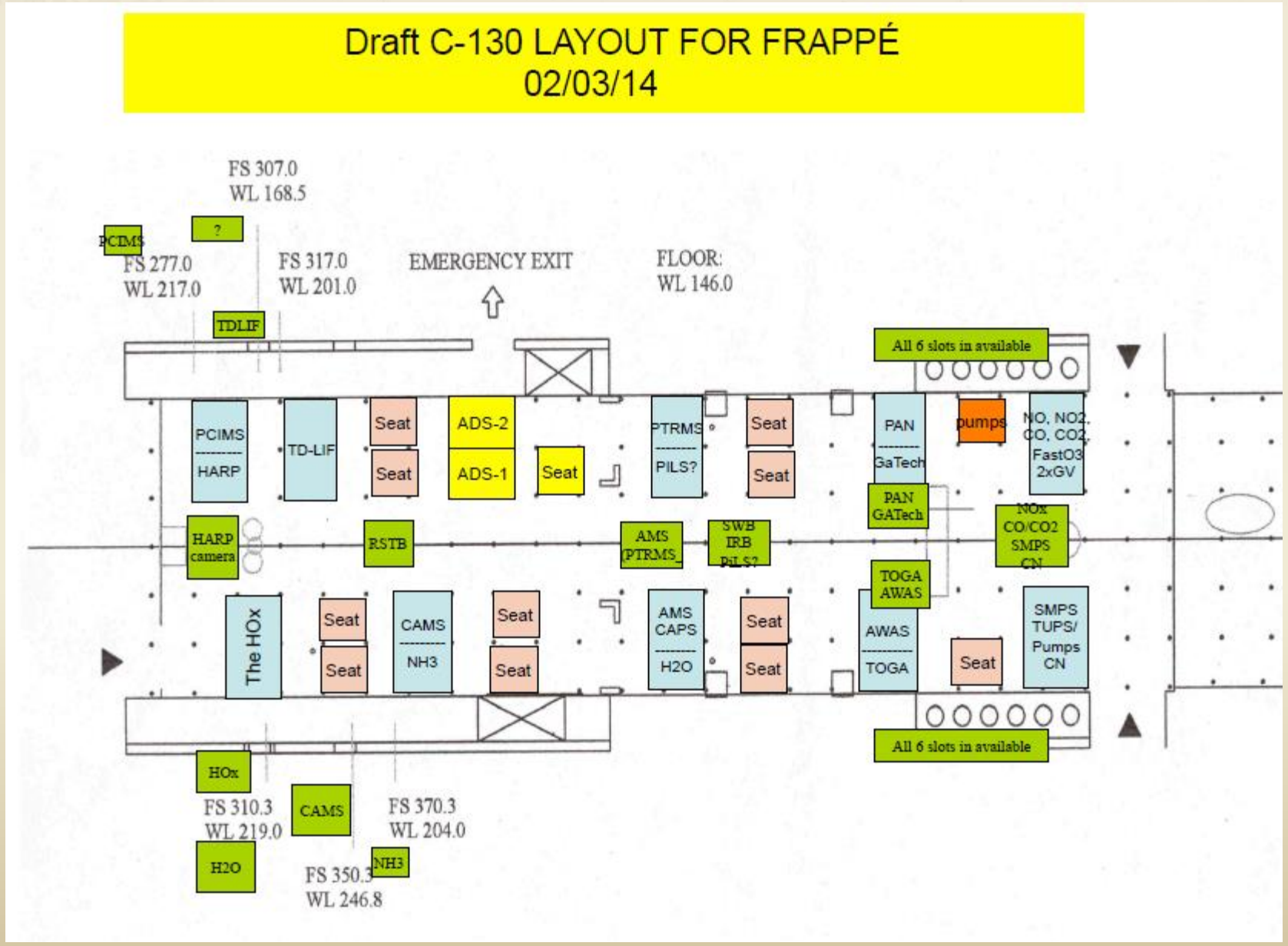
FRAPPÉ Science Team (C-130)

PI	Institution	Instrument(s)
Apel, Eric	NCAR	TOGA (VOC, HCHO, alkyl nitrates)
Bahreini, Roja	UC-Riverside	AMS and CAPS (SO4, NO3, Cl, NH4, OA)
Blake / Townsend	UC-Irvine	WAS (NMHC, VOC, methane isotopes)
Campos, Teresa	NCAR	VUV fluorescence, CRDS (CO, CO2, CH4)
Cohen, Ron	UC-Berkeley	TD-LIF (NO2, total PNs, total ANs)
Flocke, Frank	NCAR	CIMS (PAN, PPN)
Fried, Alan	CU-Boulder	CAMS (CH2O, Ethane)
Huey, Greg	Georgia Tech	CIMS (HNO3, SO2)
Hall, Sam	NCAR	Actinic Flux (J-values)
Heikes, Brian	U RI	PCIMS (H2O2, CH2OOH, Acids)
Jensen / Smith	NCAR	CN, SMPS
Kaser	NCAR	PTR-MS
Mauldin / Cantrell	CU-Boulder	HOx CIMS – TBD
Weinheimer, Andy	NCAR	Chemiluminescence (O3, NO, NO2)
Zahniser / Herndon / Nowak	Aerodyne	Mini-spec (NH3)

FRAPPÉ Science Team (Ground and Theory)

PI	Institution	Instrument(s)
Ackerman, Steve	U. Wisconsin	HSRL / AERI measurements
Blake, Don	UC-Irvine	Canister sampling
Farmer / Fischer	CSU	BAO trace gas and aerosol measurments
Helmig, Detlev	CU-Boulder	O3 production at the Plains/Mountain interface
Schnell, Russ	NOAA	Tethered ozonesonde
Herndon, Scott	Aerodyne	Mobile Lab
Volkamer, Rainer	CU-Boulder	Mobile Column Obs
Ellenburg, Jessa	GO3	O3 (multiple)
APCD (Pierce / Reddy)	CDPHE	O3, NO, NO2, PM2.5, PM10, NMOC, forecasting
PI	**Institution**	**Model**
Pfister, Gabi	NCAR/ACD	WRF-Chem
Emmons, Louisa	NCAR/ACD	CAM-Chem
Pierce, Brad	NOAA NESDIS	RAQMS

FRAPPÉ C-130 Payload



FRAPPÉ Science Team Meeting

A 2-day meeting for the FRAPPÉ Science Team needs to be scheduled.

The initial suggestion is sometime during the first week of April. This avoids conflicts with Spring Break at CU-Boulder (last week of March) and the SEAC^{4}RS Science Team Meeting (15-18 April).

Other suggestions should be sent to Frank Flocke and Gabi Pfister.

FRAPPÉ /DISCOVER-AQ Media Day

Questions have already been raised about scheduling a media day for the projects.

An initial suggestion would be 14 July. This would be the day after the transit of the NASA aircraft and the day before the first science flight.

This worked well in Houston and gave the public a heads up before flights begin.

Other ideas or thoughts are welcome.

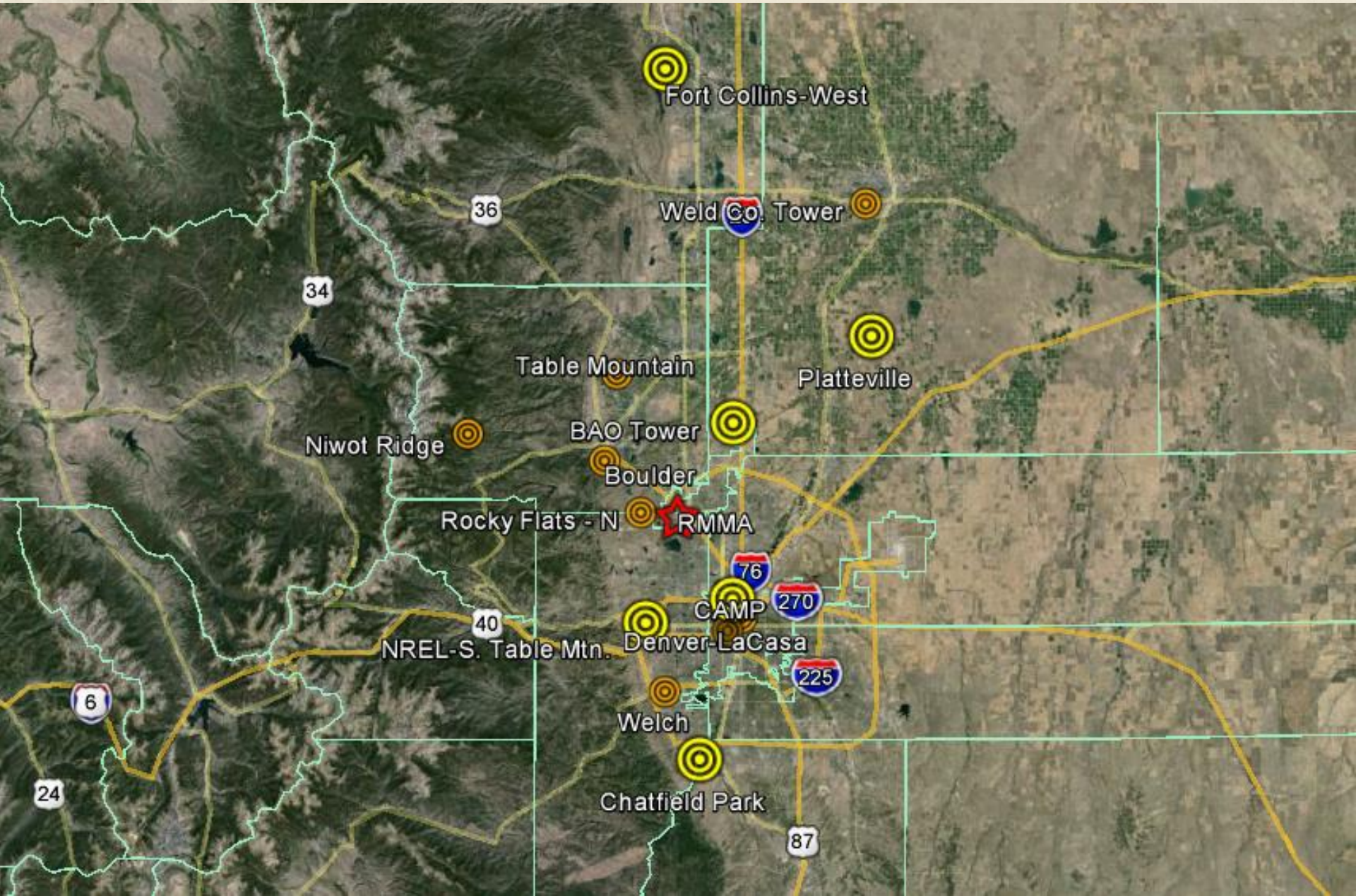
DISCOVER-AQ Integration and Download

Martin Nowicki is starting to work on an integration schedule. It would be nice if we could complete integration before July 4th (a Friday) and release everyone for the holiday weekend. That would leave a week to complete test flights, mission reviews, and pack. More to come on this, but now is the time to speak up if you have any thoughts.

Download of some instruments in Colorado (specifically, Weinheimer, Fried, and Cohen) will likely be feasible. Martin Nowicki is working out the details. Weinheimer will be easy, but Cohen and Fried will have to squeeze through some tight spots.

DISCOVER-AQ

Ground Sites for Colorado



Ground Sites for Colorado

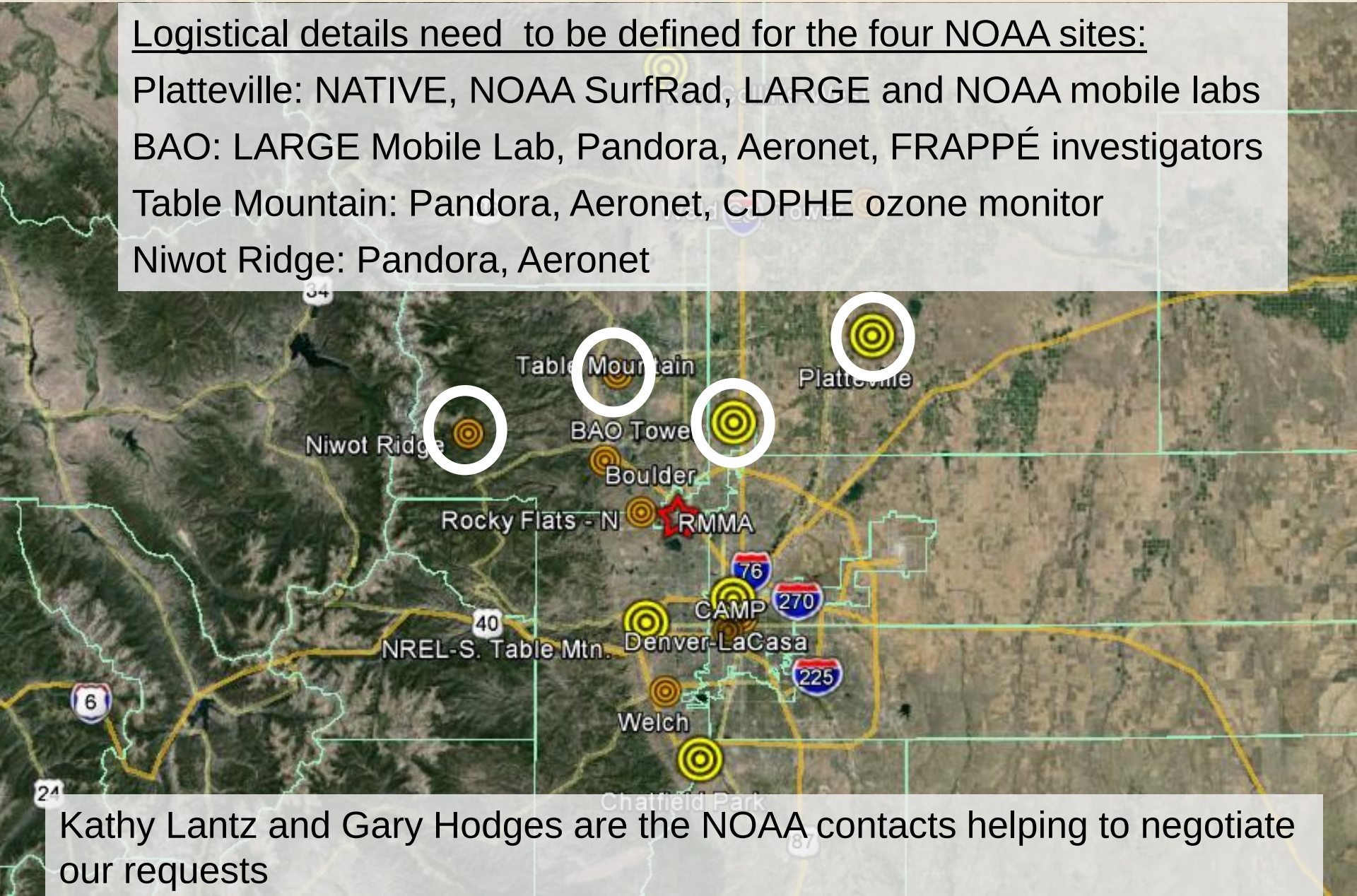
Logistical details need to be defined for the four NOAA sites:

Platteville: NATIVE, NOAA SurfRad, LARGE and NOAA mobile labs

BAO: LARGE Mobile Lab, Pandora, Aeronet, FRAPPÉ investigators

Table Mountain: Pandora, Aeronet, CDPHE ozone monitor

Niwot Ridge: Pandora, Aeronet

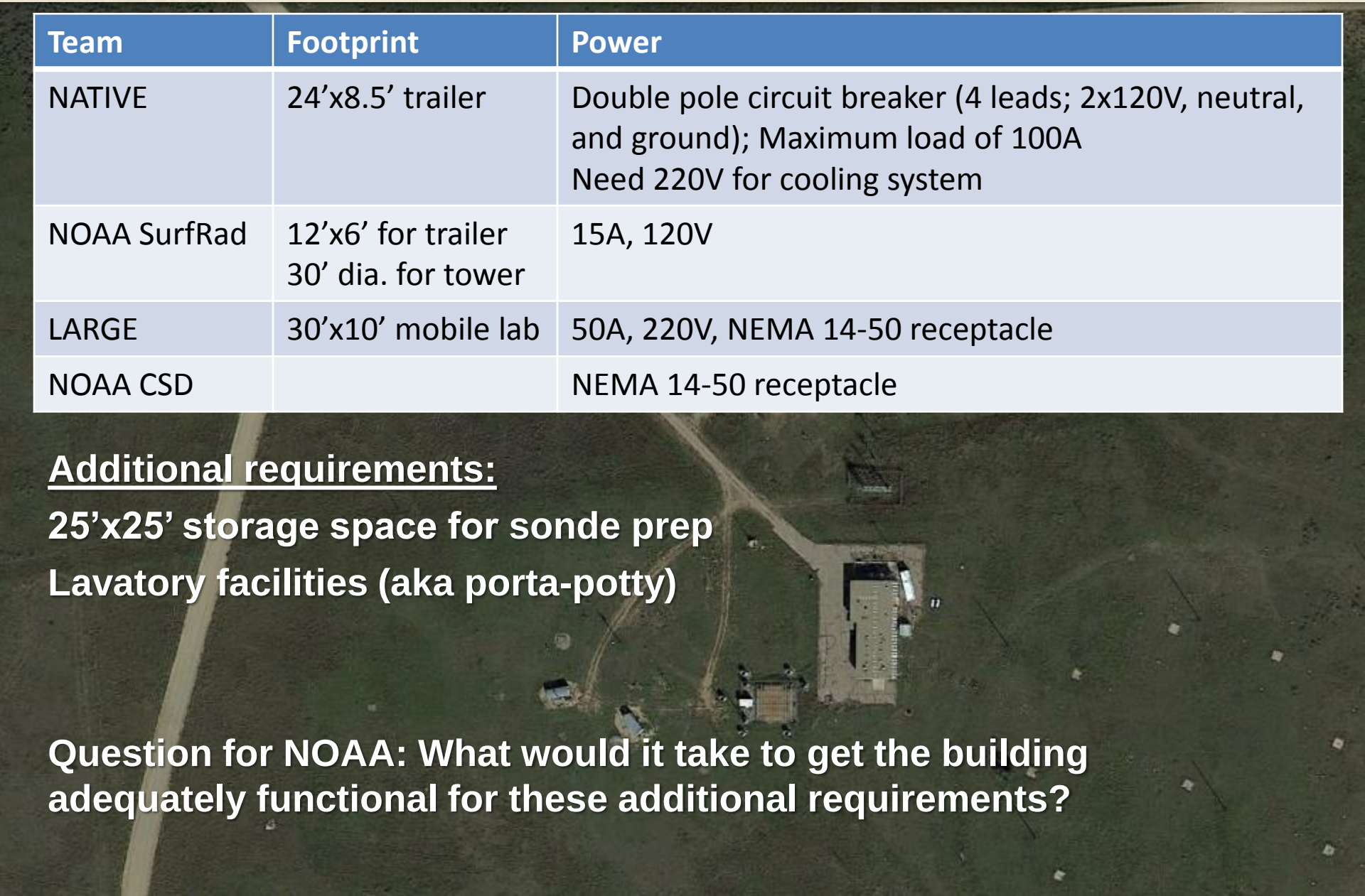


Kathy Lantz and Gary Hodges are the NOAA contacts helping to negotiate our requests

Platteville Site Considerations

Platteville Site Considerations

Team	Footprint	Power
NATIVE	24’x8.5’ trailer	Double pole circuit breaker (4 leads; 2x120V, neutral, and ground); Maximum load of 100A Need 220V for cooling system
NOAA SurfRad	12’x6’ for trailer 30’ dia. for tower	15A, 120V
LARGE	30’x10’ mobile lab	50A, 220V, NEMA 14-50 receptacle
NOAA CSD		NEMA 14-50 receptacle



Additional requirements:

25’x25’ storage space for sonde prep

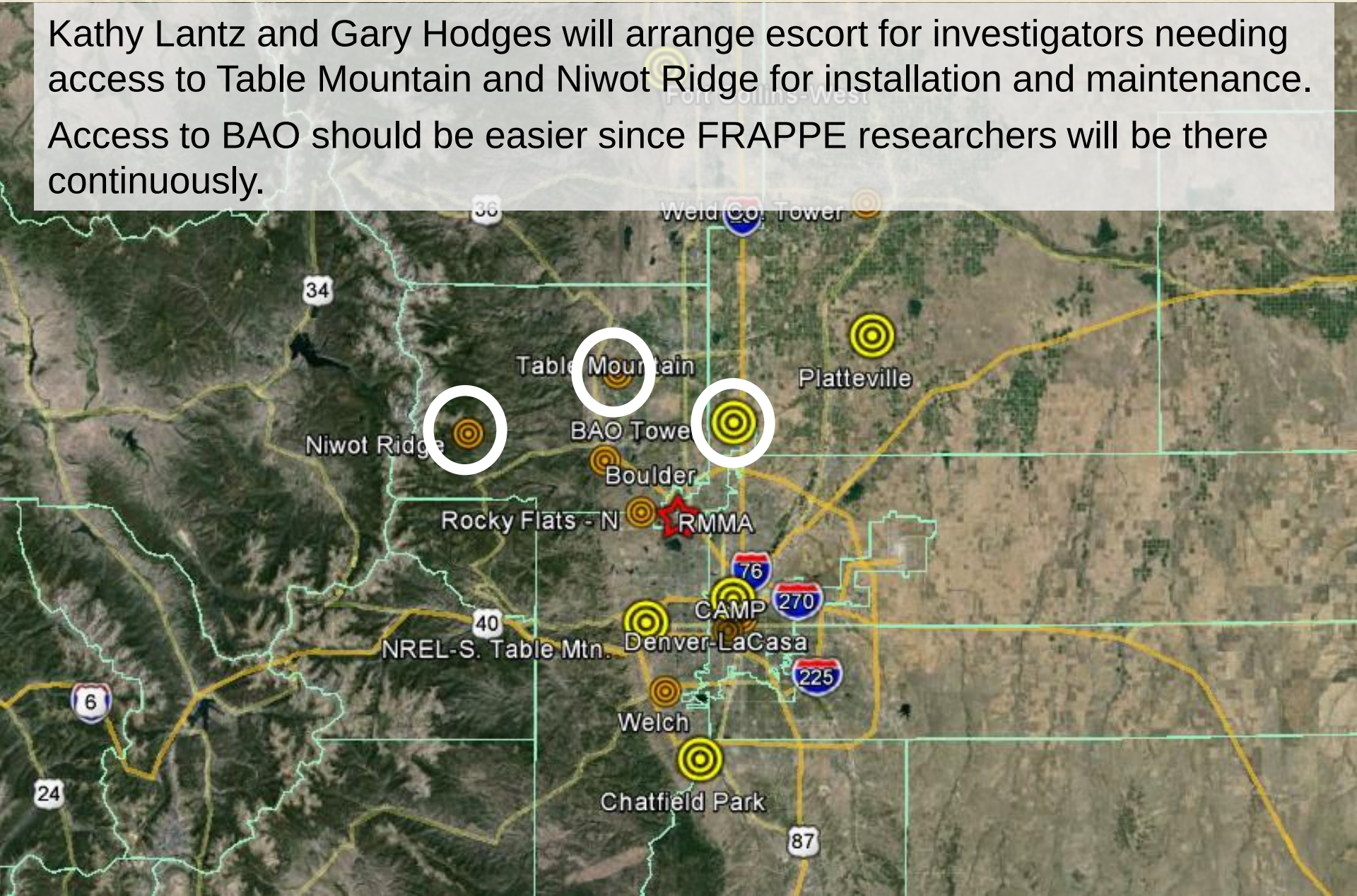
Lavatory facilities (aka porta-potty)

Question for NOAA: What would it take to get the building adequately functional for these additional requirements?

Ground Sites for Colorado

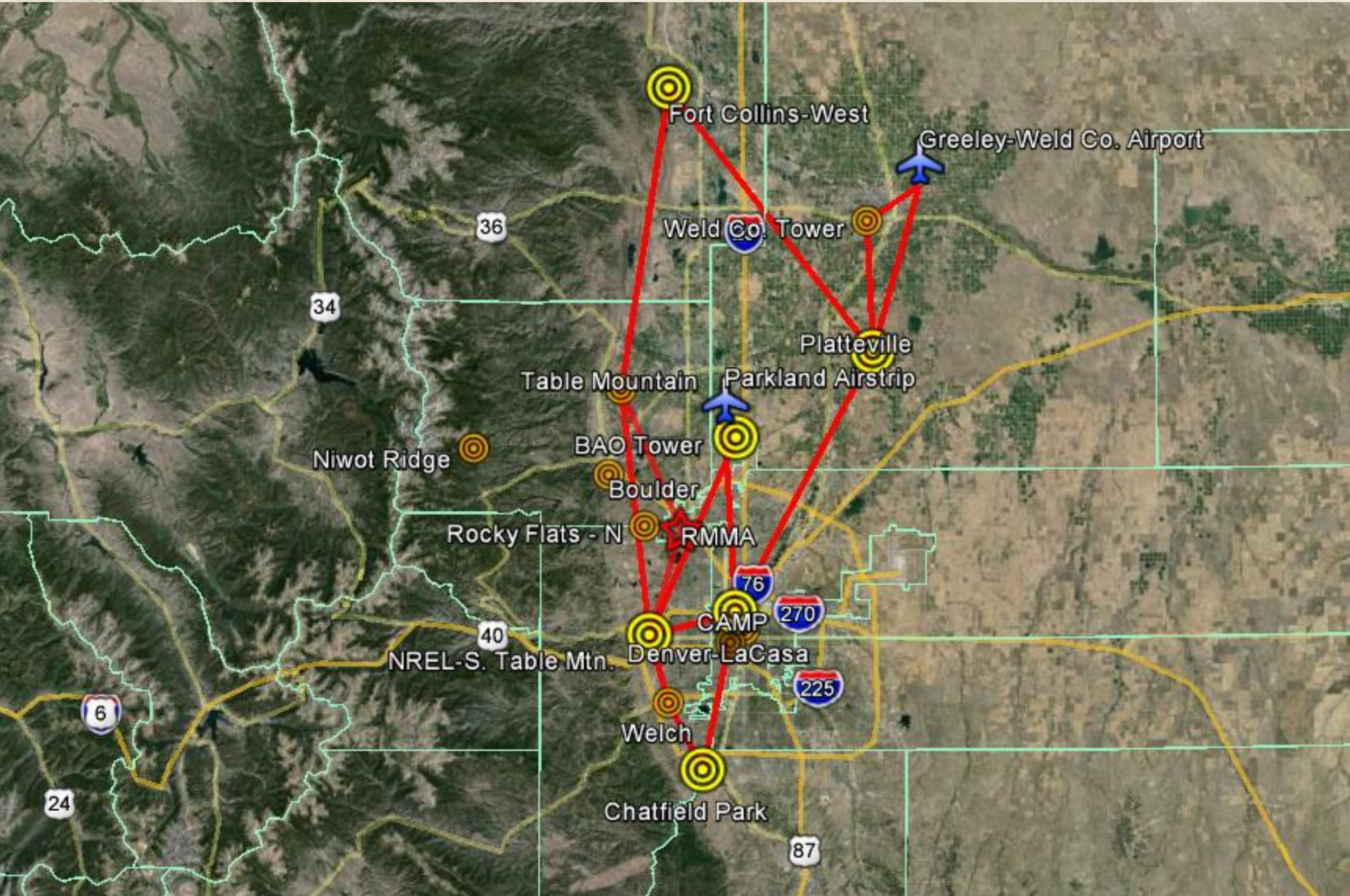
Kathy Lantz and Gary Hodges will arrange escort for investigators needing access to Table Mountain and Niwot Ridge for installation and maintenance.

Access to BAO should be easier since FRAPPE researchers will be there continuously.



DISCOVER-AQ

Strawman P-3B Flight Plan



Strawman P-3B Flight Plan

Update on comments from P-3B Chief Pilot, Mike Singer:

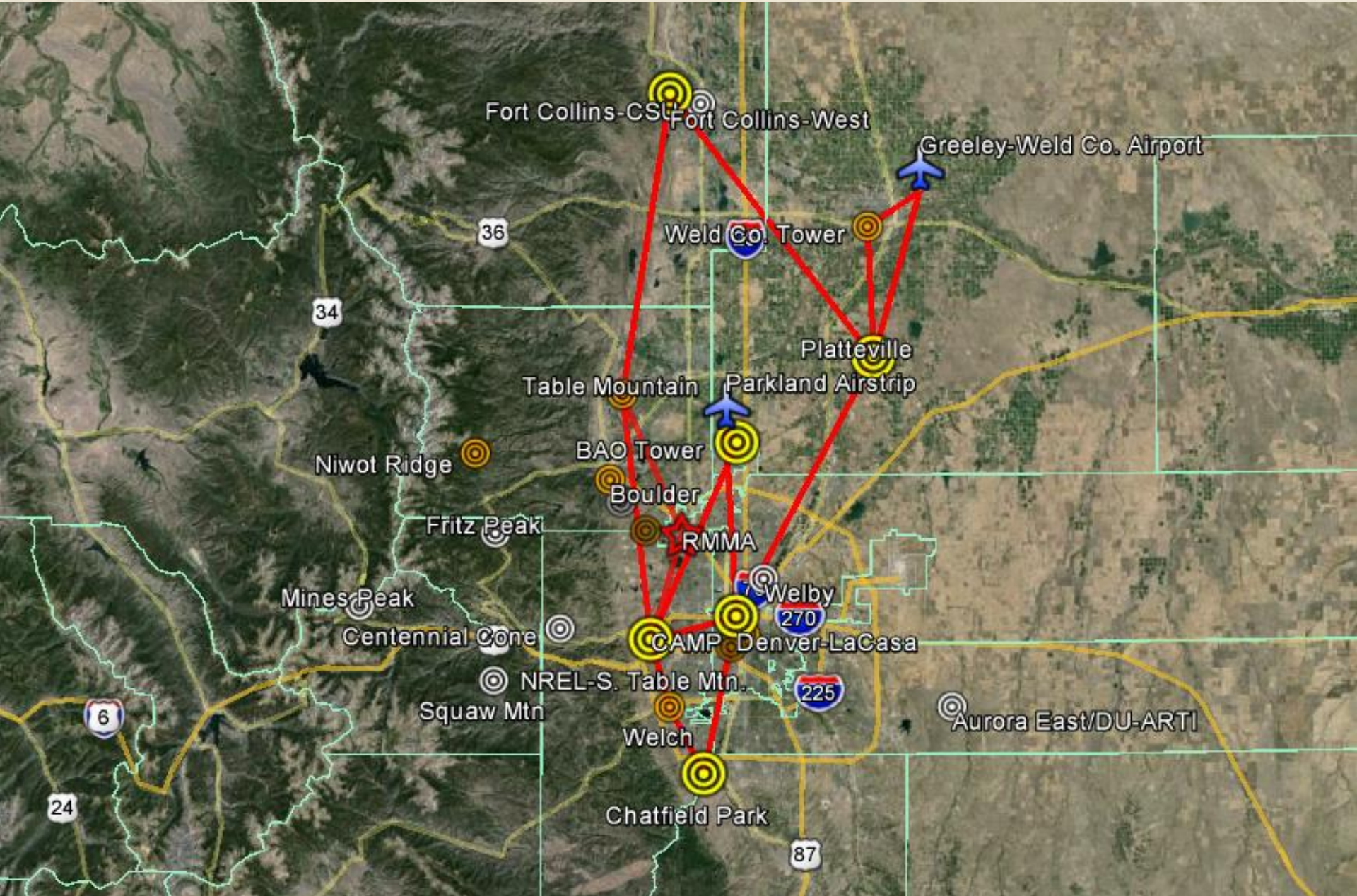
1. Les Kagey passed along contact information for the airfield at Fort Collins-West. They may be able to clarify the status of the airfield regarding the potential missed approach at this site.

2. The head of the homeowners association for the private Parkland Airstrip has been contacted. He will bring this to the attention of the association, but his initial response was supportive and he believes that the neighborhood will be equally positive.

3. Mike has transmitted the plan to local ATC. There will be no changes to the plan until we get their initial feedback.

DISCOVER-AQ

Possible Ancillary Ground Sites



DISCOVER-AQ

Outreach Opportunity

Know Your Earth 4.0 - a monthly quiz which will be advertised on social media as part of the year-long Earth Right Now campaign (http://www.nasa.gov/earthrightnow/)

What they need:

15 questions (10 multiple choice, 5 fill-in-the-blank) pertaining to our mission and the theme of climate change. If you can develop questions that pertain to specific parts of the world, the better.

- **Quiz questions should focus on themes and not just missions. (Themes most relevant for us include: Our Home Planet, The Air That We Breathe, Clouds and Aerosols, and Ozone**
- **Along with each question, there will need to be an associated image to serve as the question background.**
- **Along with each question, there will need to be a one to two sentence description to go along with the right answer.**
- **We are using the JPL Climate site quiz format. See them here:http://climate.nasa.gov/interactives/quizzes**

Send input to Lin Chambers (Lin.H.Chambers@nasa.gov) by next Thursday, 13 February

Community Involvement

Jefco Aeromod'lers Club (http://jefcoaeromodlers.org/cms25/)

This group routinely flies at Chatfield State Park

Traffic is typically below 400 feet, but we still need to ensure that we have good communication regarding flight days and P-3B tracking

Club President, Chuck James, expressed interest in having some members fly Cairclip sensors. We need to develop a plan for doing this.