



## *Webex Agenda, 24 April 2014*



1. Update on Colorado logistics and schedule



# Foreign National Badging and Access



NAME	WFF	RAF	NOAA
Chemyakin, Eduard (Russia)	No	Yes	No
Crosbie, Ewan (UK)	No	Yes	No
Eichler, Philipp (Germany)	No	Yes	Yes
Mead, Iq (UK)	No	Yes	Yes
Mikoviny, Tomas (Slovakia)	Yes	Yes	Yes
Mueller, Detlef (Germany)	No	Yes	No
Müller, Markus (Austria)	Yes	Yes	Yes
Sawamura, Patricia (Brazil)	No	Yes	No
Weibring, Petter (Sweden)	Yes	Yes	No
Wisthaler, Armin (Italy)	No	Yes	Yes
Yacovitch, Tara (Canada)	Yes	Yes	No

Foreign national access must be negotiated for visits to NASA Wallops Flight Facility, NCAR RAF, and NOAA field sites.

This list is our first best guess on those requiring access. All PIs need to provide updates or verify this list ASAP.

**Please provide names and date of birth.** Many of you have already been in the system, so we will not ask you to provide additional information unless absolutely necessary.



## *Lodging for Wallops Flight Facility*



Tourist season will be in effect during P-3B integration and download, making it difficult to obtain accommodations within the per diem allowance. We encourage team members to stay at Wallops Lodging Facility when feasible. These rooms are available to everyone except foreign nationals.

Reservations for these rooms need to be made quickly. Please contact Debbie Toth at 757-824-1697 to make your reservation and identify yourself with the DISCOVER-AQ project.

If you are unable to get a dorm room and cannot find accommodation in Chincoteague at per diem, then you will need to stay in Pocomoke City, MD. It is much cheaper and only 20 minutes away versus 15 minutes for Chincoteague.)

General Room availability at Wallops is as follows:

Integration (9 June - 3 July) 10 rooms available

Transit (12-14 July) 10 rooms available

Download (12-15 August) 5 rooms available for 13-15, but no rooms currently for 12 August. This may pose a problem for the transit home.



## Badging for RAF at Jeffco



If you will be working at Jeffco, **and you do not have** an NCAR badge that allows you to enter the Jeffco facilities please do the following:

1) Watch a security video at this URL: <https://cc.readytalk.com/play?id=hqgwpq> once you do we will receive a confirmation with your name as you enter it on this URL. The passcode is 1081. (see next slide)

2) Send Luci a photograph of yourself, facing the camera (passport style) in jpeg format, with the file named with your name. She will send these to Lou.

**If you have** an NCAR badge (active UCAR or expired project participant badge), please watch the video and send Lou Lussier the badge number (located on the front of the ID) so that he can update the system with the proper access clearances.

Once this information is complete, RAF will process ID cards for you to access the facility that will be ready for you when you arrive. On arrival, you will need to go to the Foothills Lab to get your badge.

Please review the video and provide your photographs by **14 June**.



## Recording Registration

Name  Required

Email  Required

Phone  Required

Company  Required

Are you a US Citizen or US Green Card holder?  Required

Provide UCAR ID card number if you already have a UCAR ID  Required

Passcode:  Required

Submit

Help

If you do not have a UCAR ID,  
just put any number in this field

Enter 1081 here



## *Foreign National access to NOAA ground sites*



We need to identify all foreign nationals who will be working at or needing access to NOAA ground sites (e.g., BAO, Platteville, Table Mountain).

Specific details on escort rules and actions that foreign national need to take upon their initial arrival will be forthcoming.

PIs should submit names to Mary Kleb ([Mary.M.Kleb@nasa.gov](mailto:Mary.M.Kleb@nasa.gov))



## Lodging in Colorado



We have reserved a room block at the TownPlace Suites in Broomfield.

The *Discover AQ Group Rate* is available through the following url:

<http://cwp.marriott.com/dentb/nasadiscover>

This webpage will automatically populate our group code. All you need to do is select your dates, number of rooms, number of guests per room, room type, and click "*FIND*." The next screen will ask you for your Marriott Rewards (optional). Then you can enter all of the guest information and credit card information. Then click "*Continue*" in this screen to book your room. You will then receive a confirmation number.

You can also call the hotel directly at 303.466.2200 and ask for the "*Discover AQ Group Rate*"

Room rates are \$89 for a studio, \$99 for a 1-bedroom, and \$109 for a two bedroom. All rates fall below the per diem of \$111. 2-bedroom reservations should be limited to travelers who have identified another team member to share lodging.

## DISCOVER-AQ

Today ◀ ▶ June 2014 ▼

Print Week Month Agenda ▼

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Jun 1	2	3	4	5	6	7
8	9	10	11	12	13	14
	Herndon, Gatebe, Vanderlei Upload			Wisthaler, Fried, Yang, Barrick Upload		
	Anderson (LARGE), NSERC, Cohen Upload					
15	16	17	18	19	20	21
Herndon, Gatebe, Vanderlei Upload			Weinheimer, Diskin Upload			
Wisthaler, Fried, Yang, Barrick Upload			Anderson (CAPS) Upload			
22	23	24	25	26	27	28
Herndon, Gatebe, Vanderlei Upload			P3B FIIR	P3B FRR	P3B ATP	
Weinheimer, Diskin Upload						
29	30	Jul 1	2	3	4	5
	P3B ECF	P3B PCF and pack days				

## DISCOVER-AQ

Today ◀ ▶ July 2014 ▼

Print Week **Month** Agenda ▼

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	Jul 1	2	3	4	5
	P3B ECF	P3B PCF and pack days				
6	7	8	9	10	11	12
				P3B MRR		
13	14	15	16	17	18	19
	30 day deployment window					
	Transit to CO	Media Day	1st potential scienc			
20	21	22	23	24	25	26
30 day deployment window						
27	28	29	30	31	Aug 1	2
30 day deployment window						



# Deployment Schedule (cont.)



## DISCOVER-AQ

Today ◀ ▶ August 2014 ▼

Print **Week** **Month** Agenda ▼

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	Aug 1	2
30 day deployment window						
3	4	5	6	7	8	9
30 day deployment window						
10	11	12	13	14	15	16
30 day deployment window			Transit home			



## *Integration and Download*



### Additional instructions for integration

The schedule reflects when racks will be uploaded (i.e. aircrew support). You are more than welcome to come early and work on your rack in the lab or stay and work on your rack once it is uploaded.

All windows will be installed in the first few days (before the racks block the windows).  
**All windows should be at WFF 1 week prior to the start of integration.**

If we get ahead of schedule, racks may be uploaded earlier than scheduled. If you want to be present for the upload of your rack, plan to arrive a few days early or make special arrangements with Martin (i.e. rack brought on plane but not bolted down).

### Current status of download

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



## Shipping



### Wallops shipment address

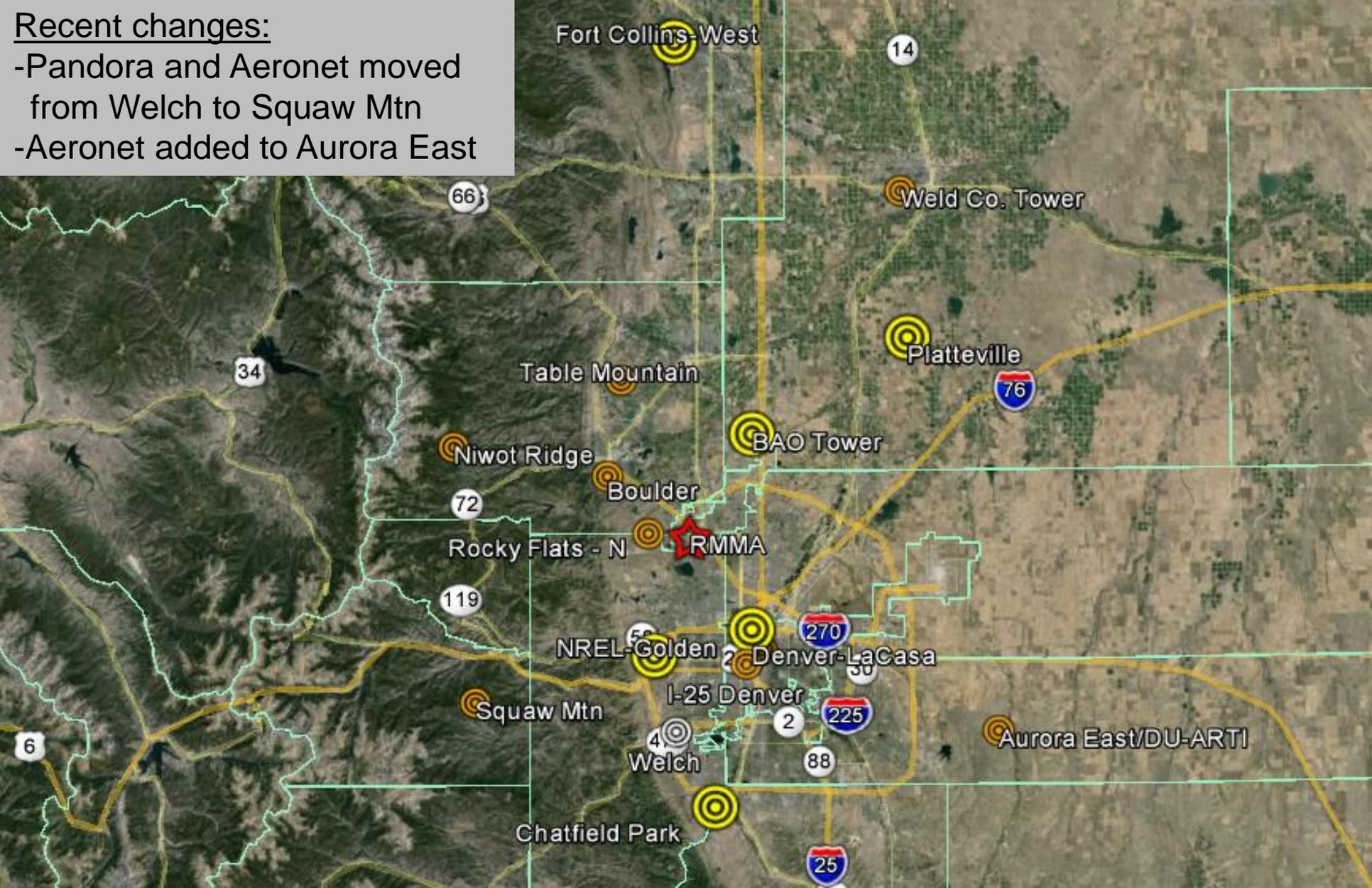
NASA Wallops Flight Facility  
Attn: AIRTEC Inc. c/o Brian Yates  
Bldg. N-159 Room W139  
Wallops Island, VA 23337  
Phone: 757-824-1919

#### **Note:**

If non-NASA property is being shipped please indicate on the package who property belongs to (institution/agency/company/etc.)

**Shipping to Colorado:** Please have shipping documents completed and emailed to Luci Crittenden before 24 June. Items will be picked up from both LaRC and WFF.

Recent changes:  
 -Pandora and Aeronet moved from Welch to Squaw Mtn  
 -Aeronet added to Aurora East



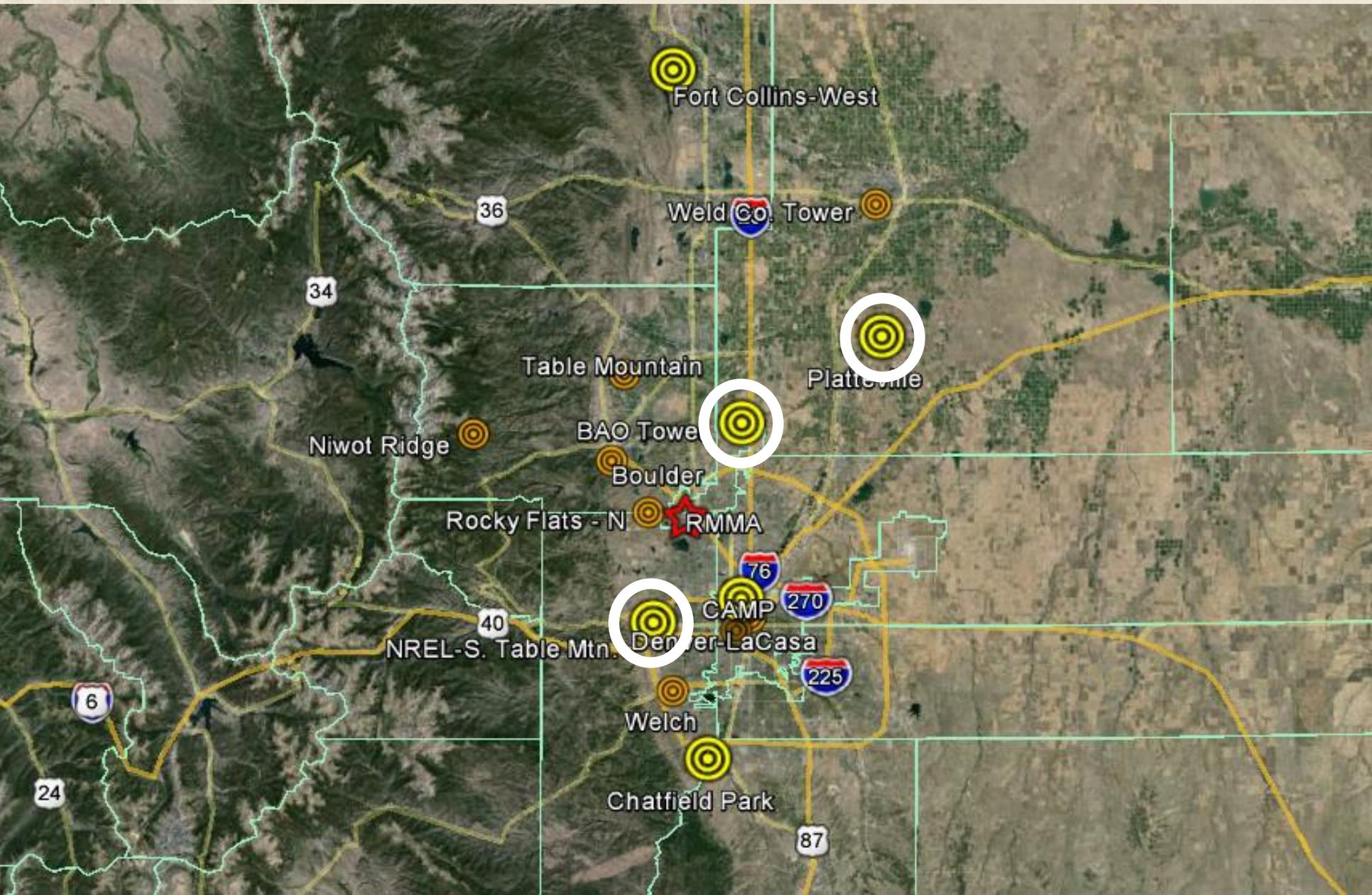


# Ground Sites for Colorado



Name	Spiral	Over-flight	Pandora	Aeronet	EPA NO2	Missed Approach	Lidars	Balloons	Comment
BAO Tower	X		2	X			NOAA-TOPAZ and HRDL, UW-HSRL, <b>H2O DIAL</b>		CSU, 3 mobile hookups, small sensors on tower
Chatfield Park	X		1	X	X				
Denver-LaCasa Ncore	X		2	X	X				
Fort Collins-West	X		1	X	X	500 feet	<b>GSFC</b> TOLNET-O3 and Doppler Wind?		
NREL-Golden	X		2	X	X		MPL, <b>LaRC</b> TOLNet-O3, and Leosphere	Tethersonde	Millersville also brings sodar, flux tower, nephelometer; Pandoras by EPA here, EPA ceilometer, UMBC trailer
Platteville	X		1	X	X			Ozonesondes	NATIVE; NOAA radiation; 3 mobile hookups; Pandora by NATIVE here; extra trailer for PTR-MS
<b>Aurora East/DU-ARTI</b>				<b>X</b>					Nothing extra planned for this site
Boulder		X	1	X					Pandora already at this location
CAMP		X							
I-25 Denver			1		X				near-road NO2 monitor; small sensors
Niwot Ridge			1	X					exact location TBD
Rocky Flats - N		X	1	X	?				
<b>Squaw Mtn</b>			<b>1</b>	<b>X</b>					
Table Mountain		X	1	X					possible ozone monitor
Welch		X							
Weld Co. Tower		X	1	X	?				remote sensors on county building
Greeley-Weld Co. Airport						X			Missed approach along BL run
Parkland Airport						500 feet			Missed approach with BAO spiral

Early installation planned for Aeronet (April) and Pandora (May). Groups are working directly with Gordon Pierce at CDPHE.



Main POC: Tom Ayers

Gate →

While we expect daily activity at this site, please let us know how much evening activity groups expect to have

Mobile Lab receptacles and parking area



Rooftop placement of Aeronet and Pandora is possible, but only by tall ladder access

NATIVE and rental trailers →

NOAA SurfRad →

Building access is no longer expected to be possible

# Platteville: Power for Research Trailers



**Pandora and Aeronet Teams should have received an email from Tom Ayers regarding early emplacement. This would allow placement on the rooftop of the building at Platteville.**

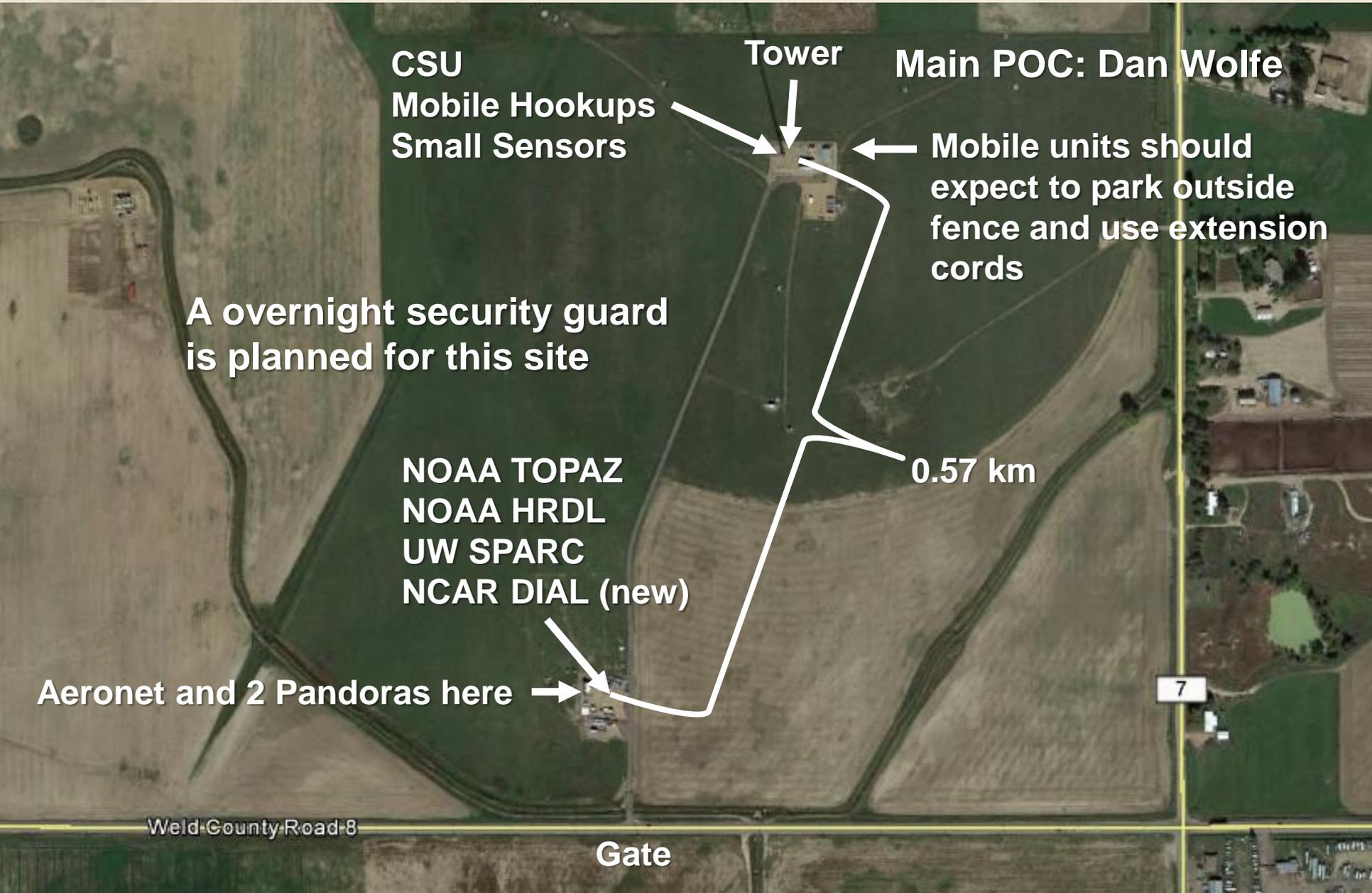
**Power option #1  
U. Colorado shed  
(behind building)**

**Power option #2  
NWS Profiler**

**Getting to roof might be easier in two stages, via the covered porch**

**Power option #1 would be easiest, but it will require confirmation with Scott Palo (Scott.Palo@colorado.edu) so that he can install an external power receptacle.**

**Please coordinate your installations through Tom Ayers.**



CSU  
Mobile Hookups  
Small Sensors

Tower

Main POC: Dan Wolfe

Mobile units should expect to park outside fence and use extension cords

A overnight security guard is planned for this site

NOAA TOPAZ  
NOAA HRDL  
UW SPARC  
NCAR DIAL (new)

0.57 km

Aeronet and 2 Pandoras here

Weld County Road 8

Gate

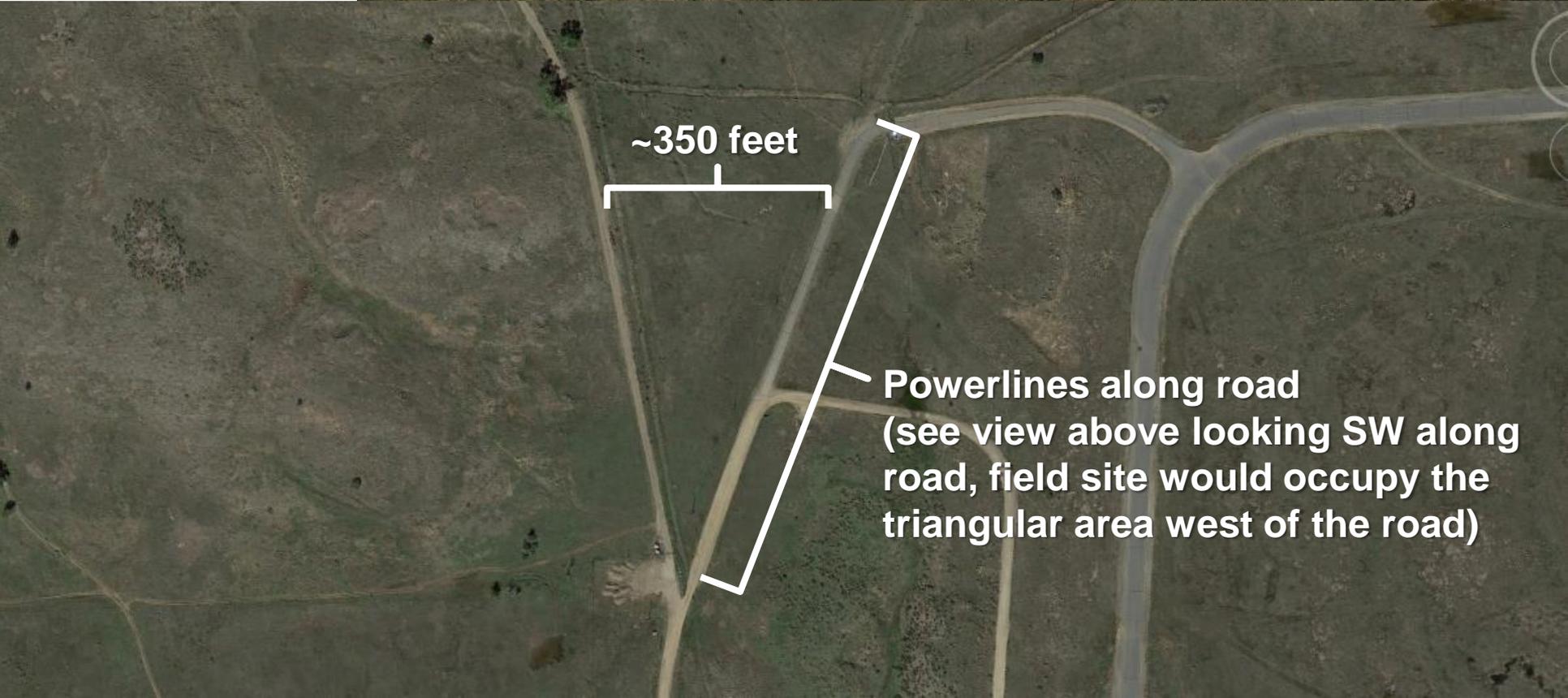
7



**Proposed area for Millersville**

**Others expected at this site:  
TOLNet O3 - LaRC  
UMBC trailer  
EPA Trailer  
NOAA Profiler**

**CDPHE/NREL**





# NREL-Golden Requirements



Group	Power	Space	Comment	Arrive Date	Depart Date	POCs
EPA Trailer	100A @ 240V	25' x 15'	<b>Electric connection:</b> Plug to be provided <b>Instrumentation includes:</b> NO2 FRM, CRDS NO2, UVF SO2, 48i CO, T700U Calibrator, 701H ZAG, Ceilometer, Pandoras (2), 42IY NOy			Russell Long; Long.Russell@epa.gov Jim Szykman; James.J.Szykman@nasa.gov
UMBC Trailer	40 A @ 240V	30' x 15'	<b>Electric connection:</b> Bare wire for connecting to breaker box; <b>Instrumentation includes:</b> Sigma Space 527 nm MPL, Leosphere ALS 450 355 nm lidar, Leosphere Windcube lidar, Vaisala MAWS201 weather station, TSI 3563 nephelometer, Metone EBAM 1020, Thermoelectron TEOM, Microtops II portable sunphotometer, Particle-Into-Liquid-Sampler, Sunset Labs OC-EC Analyzer			Ray Hoff; hoff@umbc.edu Chris Hennigan; hennigan@umbc.edu
LaRC O3 Lidar	50A @ 220V	12' x 7'	<b>Electric connection:</b> Can be connected directly but prefer to use a L14-50R receptacle			Russell Deyoung; Russell.J.Deyoung@nasa.gov
NOAA Profiler	???	25' x 25'				Allen White; Allen.B.White@noaa.gov; Clark King; Clark.W.King@noaa.gov



## *Future Telecons*



8 May

22 May

5 June

9 June – Integration begins and telecons will become weekly until the deployment begins