

# DC3 General Meeting Agenda

- Introductions
- Operations Base
- DC3 Schedule
- DC3 Working Groups

# DC3 PIs, Steering Committee, and Support

**PIs:** Mary Barth (NCAR), Chris Cantrell (NCAR),  
Bill Brune (PSU), Steve Rutledge (CSU)

## ***Steering Committee:***

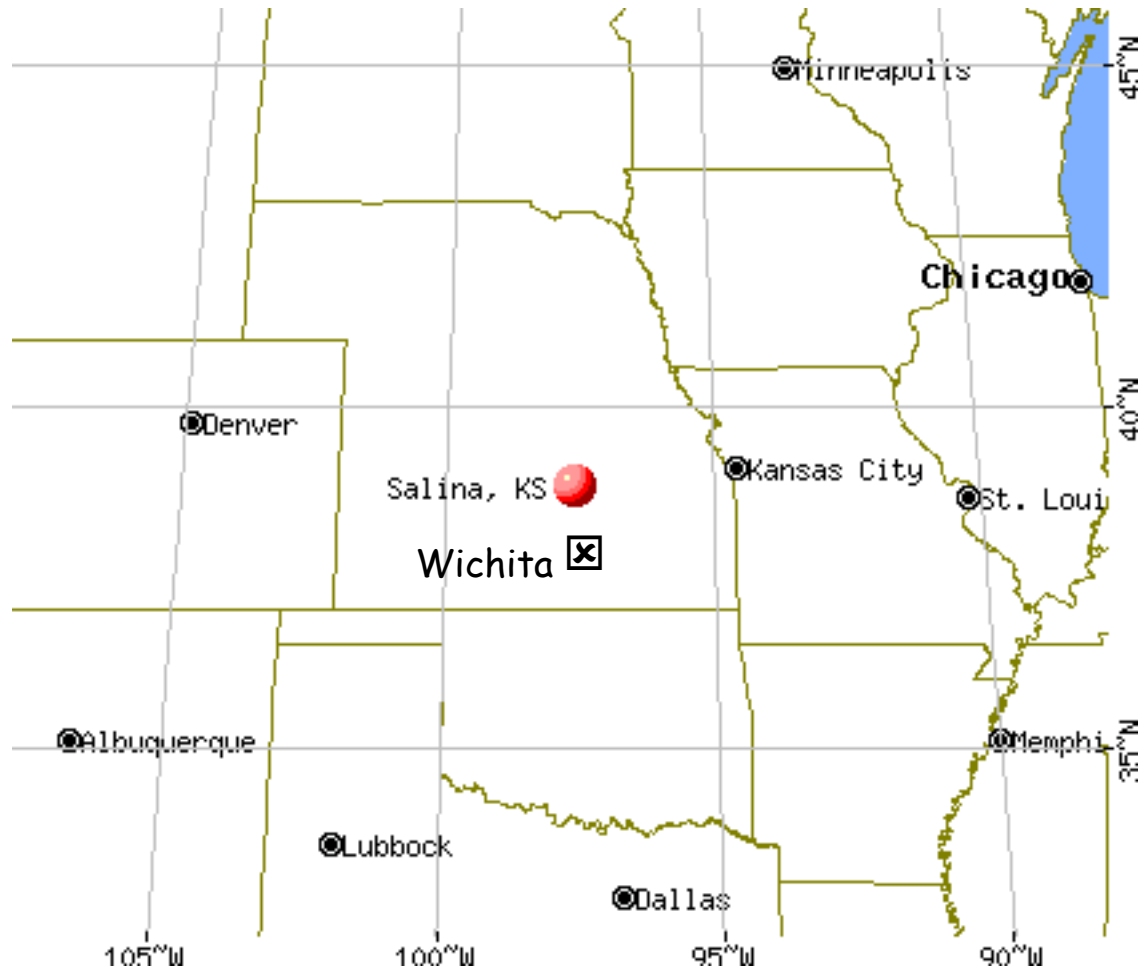
Larry Carey (UA-H), Owen Cooper (NOAA), Jim Crawford (NASA), Alan Fried (NCAR), Andy Heymsfield (NCAR), Paul Krehbiel (NMT), Don MacGorman (OU), Laura Pan (NCAR), Ken Pickering (NASA), Jeff Stith (NCAR), Andy Weinheimer (NCAR)

***Logistics Support:*** Vidal Salazar (NCAR)

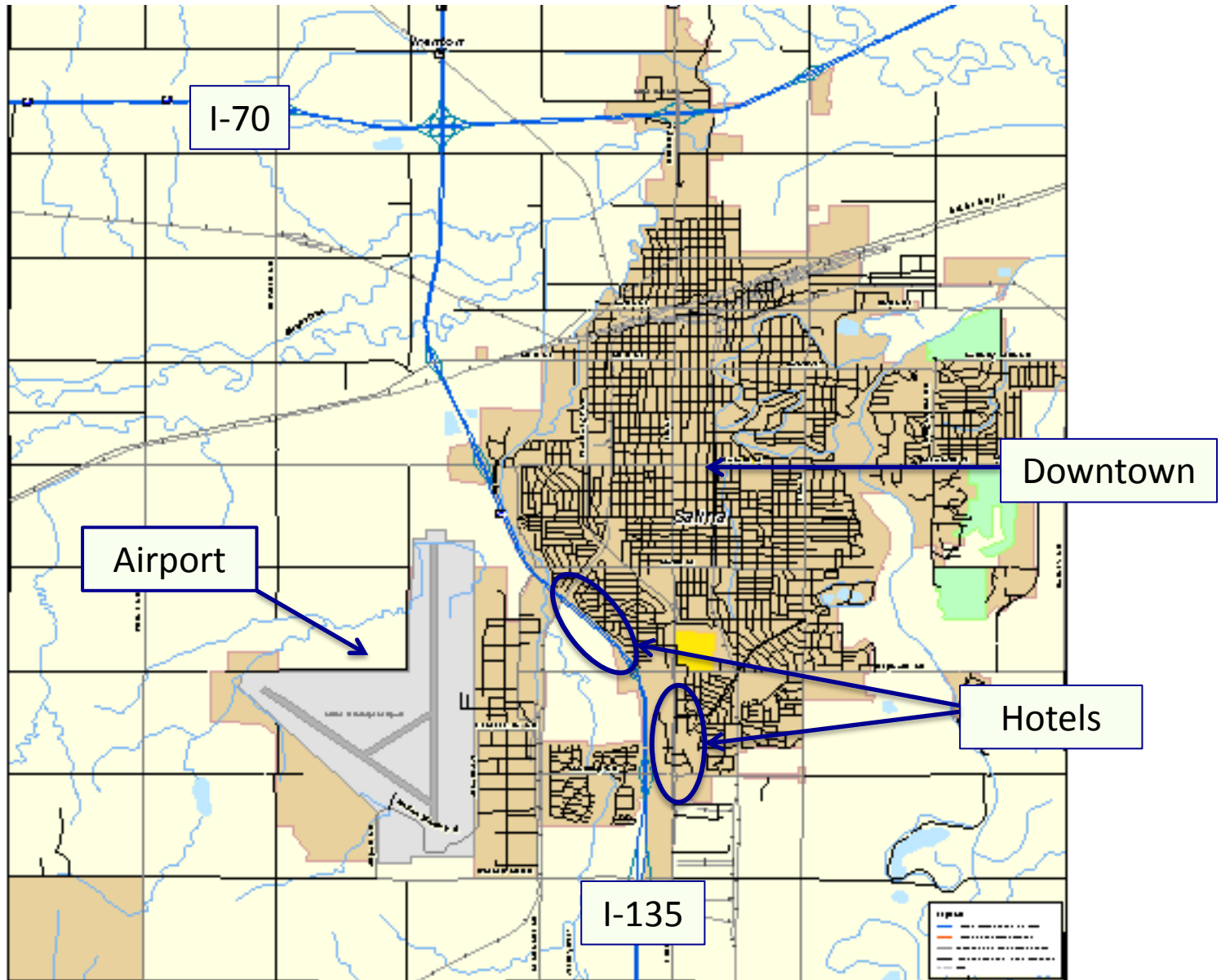
***GV Support:*** Allen Schanot      ***DC-8 Support:*** Rick Shetter

<http://www.eol.ucar.edu/projects/DC3>

# Operations Base – Salina, Kansas



# Operations Base – Salina, Kansas





Hangar



Office space,  
meeting rooms,  
work space

DC-8

Hangar

Storage  
spot

BUILDING 409  
AMERICA\_JET

HANGAR 600



# Operations Base – Questions?

<http://www.ci.salina.ks.us/>

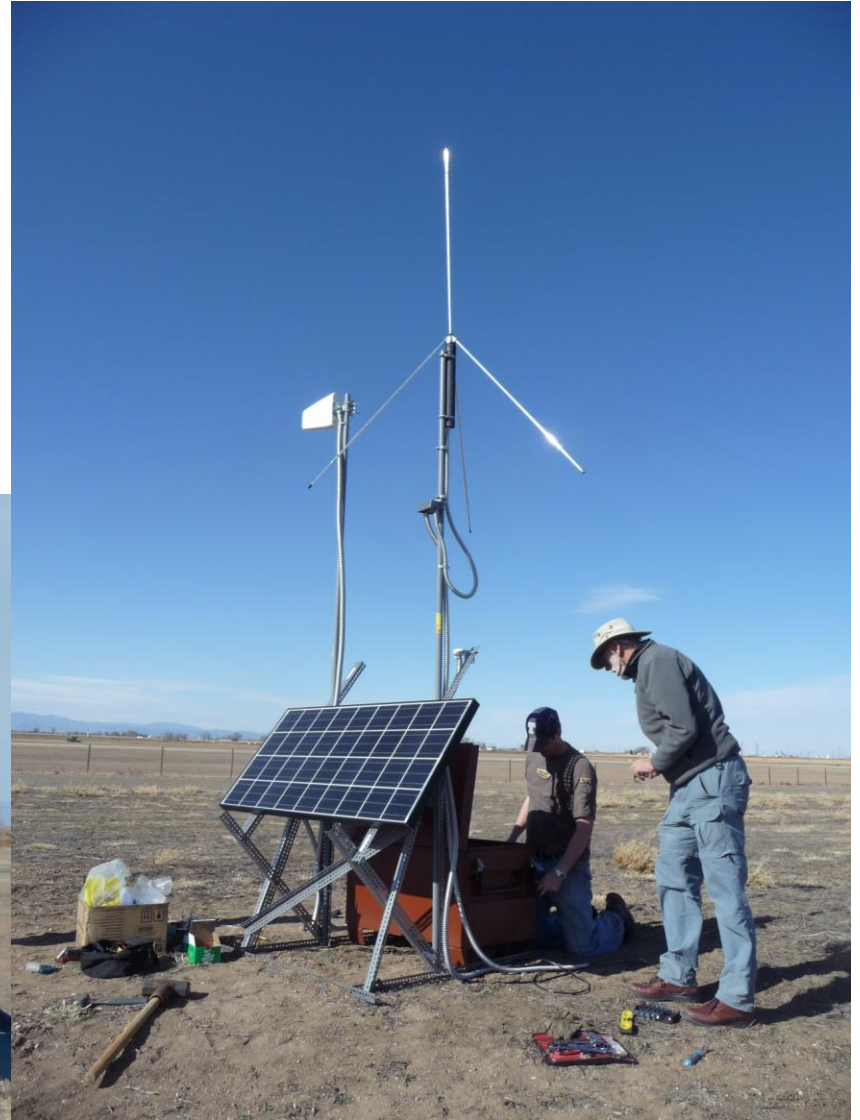


# Lightning Mapping Array in NE Colorado





Lightning antenna stations  
being installed (photos from  
yesterday)



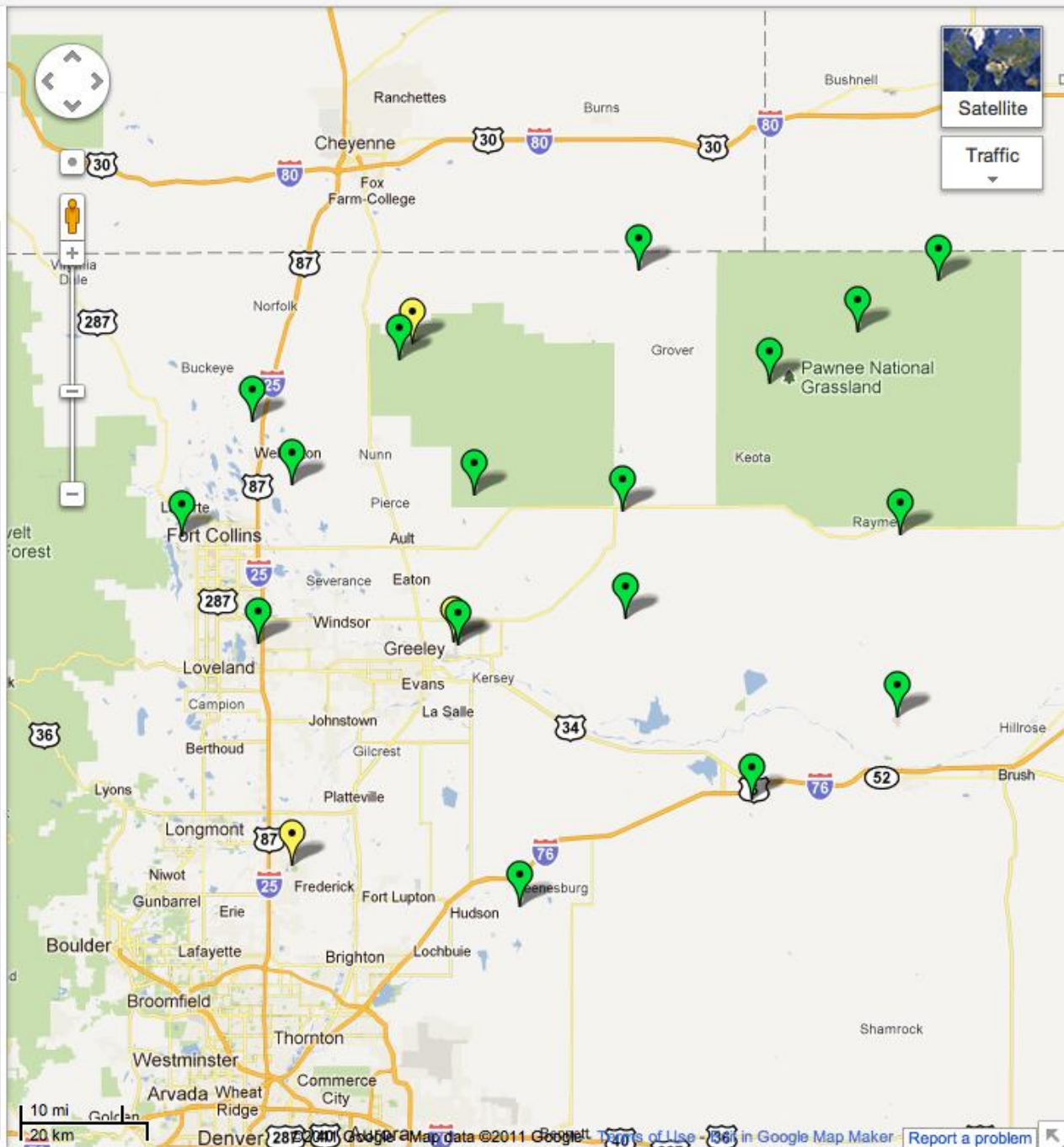
Get directions

My places

### Locations for DC3 LMA Stations

Unlisted · 3 Collaborators · 2,105 views  
Created on Apr 6 · By William · Updated 39 minutes ago  
[Rate this map](#) · [Write a comment](#) · [KML](#)

- Christman
- Ft Collins/Loveland Airport
- CO-WE-93
- Briggsdale School
- CPER
- Pawnee CR 49
- Prairie School
- Pawnee Hwy 71
- Pawnee Homestead
- Pawnee Butte Edge
- Weld Central HS
- Wiggins HS
- Ft Morgan Airport
- FMA Research  
Fort Collins, CO 80524
- Owl Canyon Rd
- CO-WE-81
- S-Pol
- Pawnee
- CHILL
- Greeley Airport



Satellite  
Traffic

Report a problem

Report a problem

# DC3 Schedule

Sun	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat
March							April						
				1	2	3	1	2	3	4	5	6	7
												DC8 Upload →	
4	5	6	7	8	9	10	8	9	10	11	12	13	14
		GV Upload →											
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30					
May							June						
		1	2	3	4	5						1	2
			Test Flights										
6	7	8	9	10	11	12	3	4	5	6	7	8	9
	→ Salina			Shakedown Flights									
13	14	15	16	17	18	19	10	11	12	13	14	15	16
		Science Flights											
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28	29	30

DLR Falcon at DC3 for 3 weeks 21 May to 15 June time period

## DC3 Schedule

- Exact dates for loading instruments onto the aircraft will come from the respective manager:
  - G-V: Allen Schanot
  - DC-8: Rick Shetter

# DC3 Schedule

Sun	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat
May							June						
		1	2	3	4	5						1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28	29	30

## Science Flights

- 1) Likely will focus on one sampling region for a few days
  - 2) Flight near a storm, Flight downwind, Flight near a storm
- Or
- 2) Flight near a storm, Flight near a storm, Flight downwind
  - 3) Science update meetings: frequent and short meetings

# DC3 Operations

how are we going to define the “plan”?

## Working Groups

- a) Develop procedures and policies for the Operations Plan of DC3
- b) Develop scenarios to practice at the pre-field-campaign workshop
- c) Address detailed requests and identify any other issues related to the topic



# DC3 Operations

## Working Groups

1. **Communications** – review and refine communication needs between facilities and ops center
2. **Data Management** – review and refine plans for acquiring, archiving, distributing and using DC3 data
3. **Websites/Data Catalog** – review and refine plans for content and connections between various websites
4. **Forecasting & Modeling** – review and refine plans for weather forecasting and other types of numerical modeling
5. **Ground-Based Facilities** – review and refine plans for operation of ground-based facilities
6. **Aircraft Facilities** – review and refine plans for operation of aircraft facilities
7. **Aircraft Flight Patterns** – develop flight patterns, esp. for DC-8
8. **Operations Base** – address needs of PIs at operations base
9. **Education and Outreach** – address E&O activities, press releases
10. **Operations** – review and refine overall operations plan

# DC3 Operations

## Working Groups

Interested in contributing? Please let us know.  
(note: we already have some of you “signed up”)

First telecon meetings will be the week of November 28<sup>th</sup>

Reports due mid-February, before the Science Team  
Meeting (21-22 February)

# DC3 Contact Information

DC3 Logistics Web Page: <http://www.eol.ucar.edu/projects/DC3>

Science: Mary Barth [barthm@ucar.edu](mailto:barthm@ucar.edu)

Logistics: Vidal Salazar [vidal@ucar.edu](mailto:vidal@ucar.edu)

GV aircraft: Allen Schanot

DC-8 aircraft: Rick Shetter

Falcon aircraft: Heidi Huntrieser

any questions?