

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)

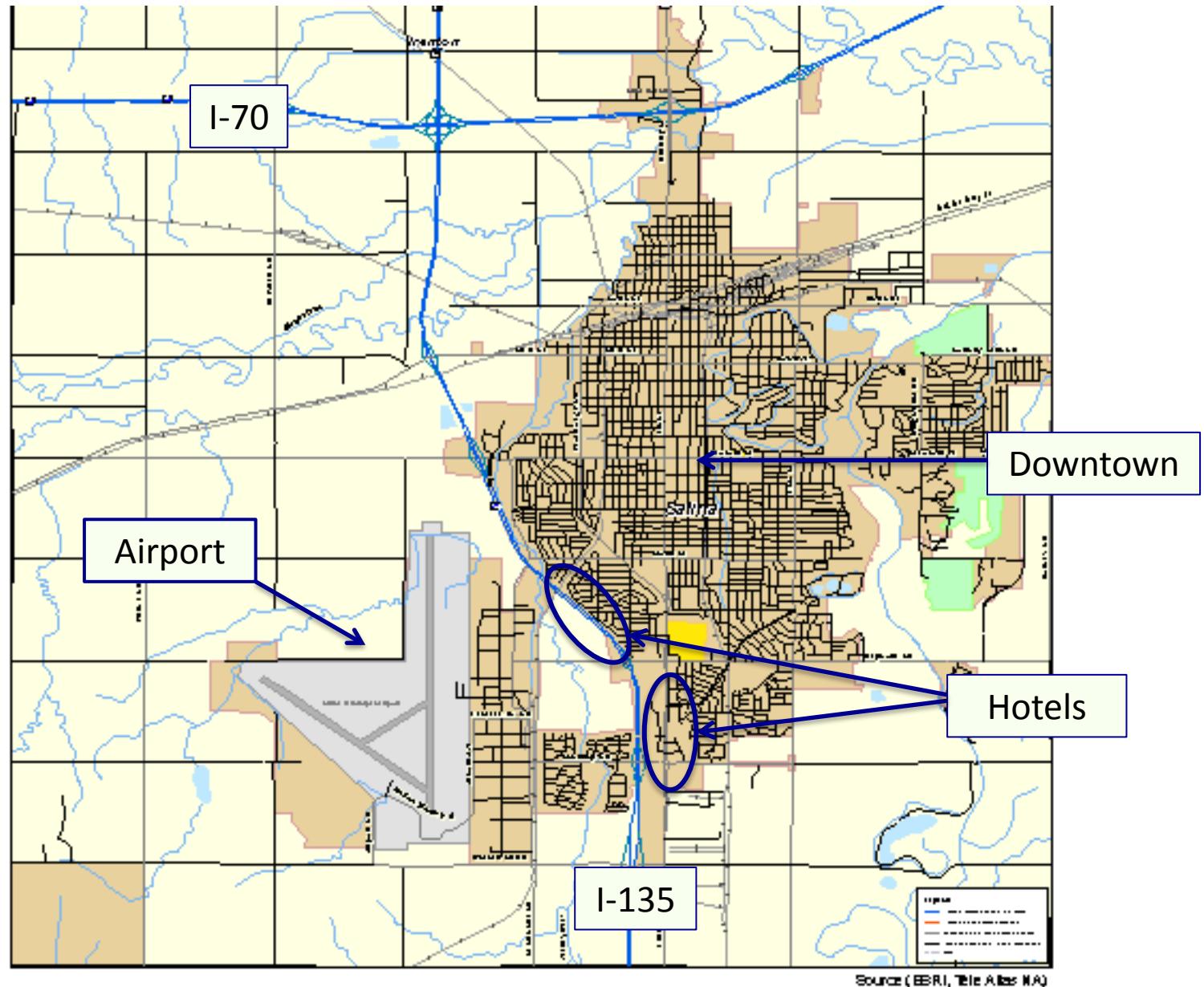
GV Support: Allen Schanot ***DC-8 Support:*** Rick Shetter

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

Operations Base – Salina, Kansas



Operations Base – Salina, Kansas





Hangar



Operations Base – Questions?

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



Lightning Mapping Array in NE Colorado



Lightning antenna stations being installed (photos from yesterday)



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Locations for DC3 LMA Stations

Unlisted · 3 Collaborators · 2,105 views
Created on Apr 6 · By [William](#) · Updated 39 minutes ago
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[Satellite](#)[Traffic](#)

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

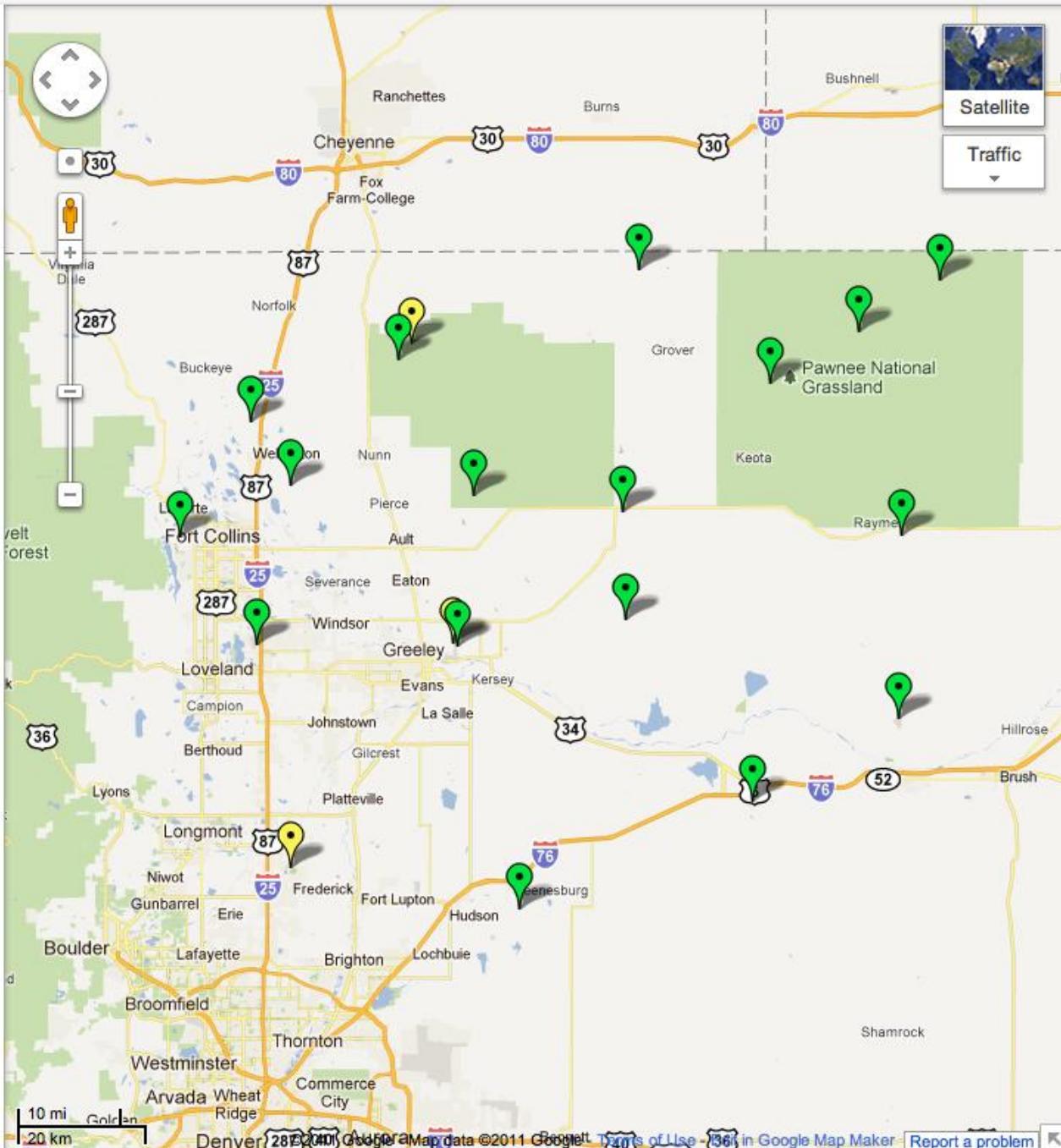
S-Pol

Pawnee

CHILL

Greeley Airport

[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
4	5 GV Upload	6 Upload →	7	8	9	10	8	9	10	11	12	13	14
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 Test Flights	3	4	5						1	2
6	7 → Salina	8	9	10 Shakedown Flights	11	12	3	4	5	6	7	8	9
13	14 Science Flights	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

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 28th

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

Logistics: Vidal Salazar vidal@ucar.edu

GV aircraft: Allen Schanot

DC-8 aircraft: Rick Shetter

Falcon aircraft: Heidi Huntrieser

any questions?