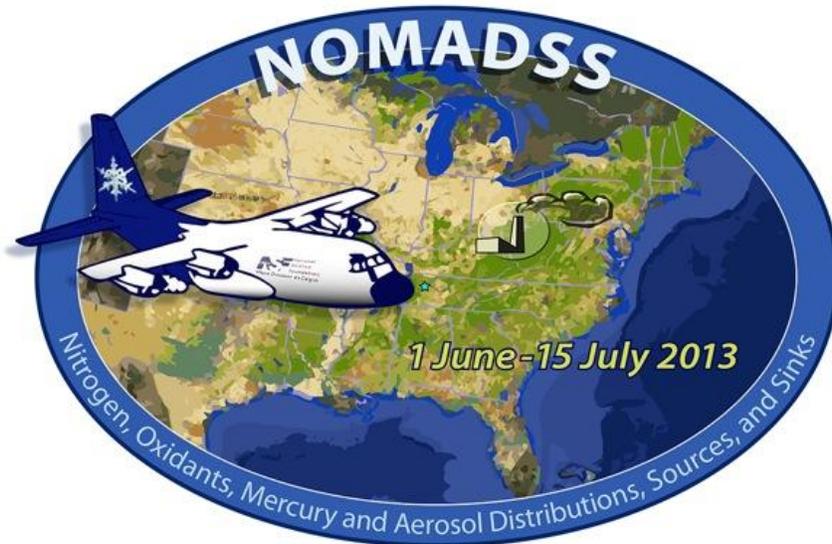


SAS-NOMADSS

Please review prior to arrival in Smyrna!



**First forecast mtg. will occur at 1000 CDT, May 31 in the Operations Ctr.
First planning mtg. will occur at 1300 CDT, May 31 in the Operations Ctr.
C-130 safety briefings in Smyrna: time/location TBD**

Location of the project: Smyrna TN.

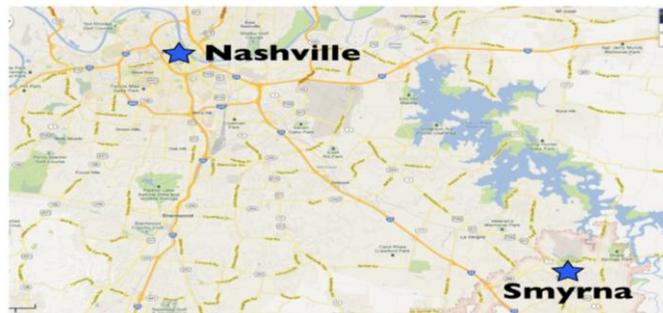


Figure 2. Nashville and Smyrna TN.

Smyrna TN, is located southeast of the City of Nashville.

Directions from the Nashville international airport:

Upon landing at Nashville international and after collecting your rental car, follow the signs to I-24 East. The town of Smyrna is located about 20 miles southeast of the international airport. If you are going to the operations Center or the Smyrna airport, please take Exit 66A

Operations Center / Data Center

The NOMADSS campaign Operations Center will be located at the hotel Hampton INN located at 2573 Highwood Blvd. From the Nashville airport, take Exit 66A, turn left on Eagle Dr. Eagle Dr turns into Highwood Blvd. The hotel Hampton in is located on your left. Please check in at the operations center as soon as you arrive in Smyrna where you will be issued a NOMADSS access badge. This is required for access to the data center and hangar. We will also be collecting cell and emergency contact info from all project participants.

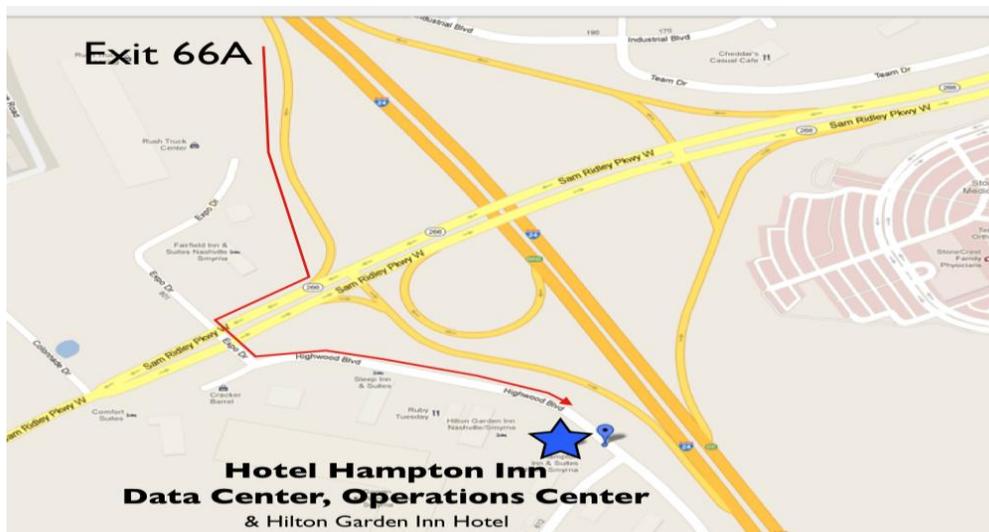


Figure 3. Location of the SAS/NOMADSS Operations Center

The operations center will be the main meeting and gathering center for all NOMADSS participants. The center will be equipped with wired and wireless high-speed Internet access, teleconferencing services, two wall projectors and technical and system administrative support (on-site support the first 2 weeks of the campaign, after that, the technical and systems support will be handled “on request” basis)

NOTE: You must wear your SAS/NOMADSS provided badge at all times while working at the Operations Center.

Smyrna Airport – C130 Base of Operations

The NSF/NCAR C130 base of operations is located at Hangar 21, Fitzhugh Boulevard Smyrna, TN 37167. High-speed wireless Internet access is available here. Systems support can be arranged, but if you need help, please contact system support at the Operations Center at the Hotel Hampton Inn. Workspace for all instrument PIs will be located at this hangar location. Some limited office space can be made available if needed.

NOTE: You must wear your SAS/NOMADSS provided badge at all times while working on the hangar and or around the C130.

Driving directions to the hangar are as follow:

Coming from the Sam Ridley Pkwy W, stay on the parkway past the Smyrna Golf Course. Turn left on Fitzhugh Boulevard and go for about 0.6 miles. The hangar 621 will be on your left.



Figure 4. Location of the HANGAR 621, the C130 base of operations

To gain access to the hangar, please ring the wireless doorbell identified by the NOMADSS logo on the wall. This bell will emit a ring and a light signal inside the NOMADSS work area. Wait a few minutes for someone to open the door.

NOTE: If you are working at the Hangar and see/hear this bell, PLEASE go and open the door!

In case no one answers the door, please call the project manager or PI in charge (see PI schedules on Figure 5). Phone numbers are located on Table 2, at the end of this document. Please be aware of C130 access hours as communicated by the C130 Project manager.

Hotels and Accommodations

The NOMADSS participants choose to stay at a combination of hotels and long stay apartments. The majority of the project support personnel will be staying at the Hotel Hampton INN (Operations Center) and at the adjacent hotel Hilton Garden Inn.

For last minute reservations and project rates, please call:

Hampton Inn - Location of the data center
2573 Highwood Blvd
Smyrna, Tennessee, 37167, USA
TEL: 1-615-355-8432

Hilton Garden Inn
2631 Highwood Boulevard
Smyrna, Tennessee, 37167, USA
TEL: 1-615-355-6262

Or visit the NOMADSS project page:

http://www.eol.ucar.edu/projects/nomadss/Housing_info.html

Meeting Protocols

All meetings will be conducted at the Operations center located at the Hampton Inn hotel unless otherwise noted. Please check communications protocols for the latest information on planning meetings.

Planning meetings will be broadcasted using ReadyTalk on the following access numbers.

Audio Dial-In Information:

U.S. & Canada: 866.740.1260

U.S. Toll: 303.248.0285

Access Code: 4978380

For Web access (presentations, etc) please point your browsers to:

<http://www.readytalk.com/>

on "Join a meeting" enter the same access code 4978380

If you are presenting remotely, please join in the conference call a few minutes early to check compatibility of devices.

Meetings during the SAS/NOMADSS campaign will follow this schedule:

1000 (LT/CDT): Daily Forecast/Modeling discussion.

The lead forecaster will organize this meeting. All forecasting groups should be present at the meeting. The current PI will be present also to ask questions. Others can listen in but are not required to be present. The meeting will focus on the next primary flight pattern and on one alternative flight pattern. This meeting will be held at the operations center and broadcast using ReadyTalk. This meeting will last between 40-90 minutes

1300 (LT): Daily Planning Meeting.

This meeting will present a summary of the weather and chemical forecasts for the next possible flights (20 minutes). Discuss any instrument and aircraft maintenance issues (10 minutes), coordination with the NOAA aircraft and the ground sites (10 minutes) and announce a decision about the next day's flight, if there is one (10 minutes). This meeting should not last more than one hour. This meeting occurs on both flight and non-flight days. On non-flight days, the meeting is led by the project PI and representatives from each instrument on the C130 must be present. If a flight is planned for the next day, access and take off time will be confirmed at the meeting. On flight days, when the PI is flying, the meeting will be lead by the lead forecaster and it is not expected that every instrument group will be represented. Nonetheless, even on flight days, this meeting will allow the forecasters to discuss and plan for future flight scenarios. This meeting will last between 40-60 minutes

Project Communications

Project communications is one of the most important points for any field campaign. Disseminating information on daily plans and target operations is crucial for the success of any field campaign. During NOMADSS we will use the communication protocols on table 1.

Table 1. Communication protocols during NOMADSS

| Forum | Purpose | Details |
|-----------------|---|---|
| Data Catalog | Operational announcements <ul style="list-style-type: none"> • Daily ops plan • Facility status • Weather discussions • Chemical forecasts • Access to lower bandwidth products (for mobile devices) | http://catalog.eol.ucar.edu/sas All project participants must contribute to the field catalog providing status updates, science reports, photos and overall project information. The PI in charge must update the daily operations plan and any update on the plans on a daily basis. |
| Xchat | Real-time communications. Ground to aircraft communications Smyrna to Alabama PI communications | Available through the data catalog website Communications between ground locations can happen at any time. Ground to aircraft communications can only occur when the aircraft is in the air. |
| Twitter | Direct announcements daily decisions and other short announcements. | #SAS_Operations on any twitter capable device. Also available through the data catalog. |
| Emails | Emails to the general community to announce status updates and daily planning schedules and decisions. | Email direct to nomadss@eol.ucar.edu To subscribe, please go to: http://www.eol.ucar.edu/mailman/listinfo/nomadss |
| Phone | Phone calls will be reserved for direct line communications between project participants. | Full list of cell numbers will be available to PIs and kept at the operations center to protect privacy. |
| Bulleting board | Bulletin board at the operations center and hangar work space | Bulletin board can be used for short messages, interesting science plots or other general, but non-urgent information. |

Food and entertainment

All food and entertainment establishments near the project location are located on the Sam Ridley Parkway, between the hotel row and the Smyrna Airport. Multiple restaurants, movie theatre and service shops are located in this area. The city and downtown area of Nashville is located 20 miles North west of Smyrna on I-24.

Golf course: A public golf course is located just south of the Smyrna Airport.

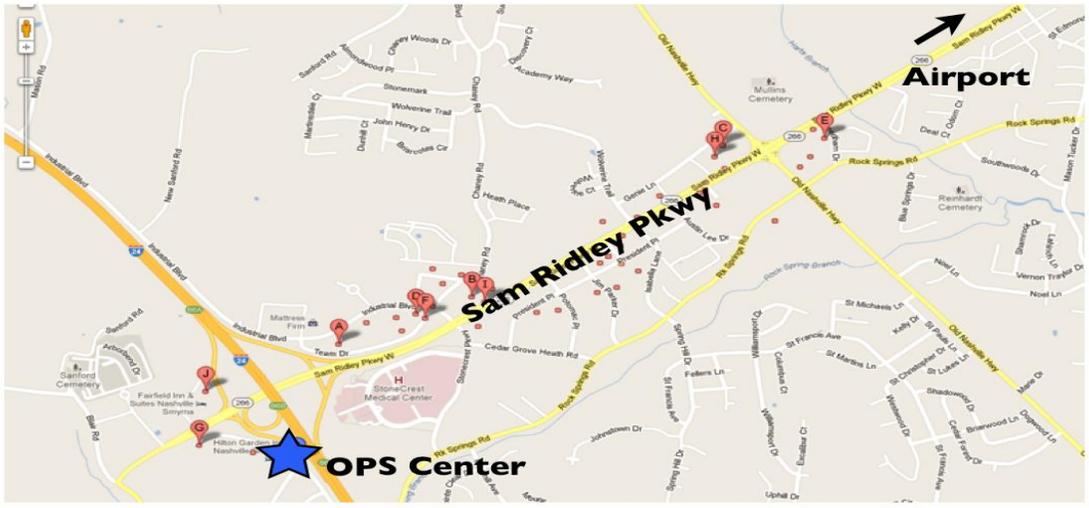


Figure 5. Food, services and entertainment locations.

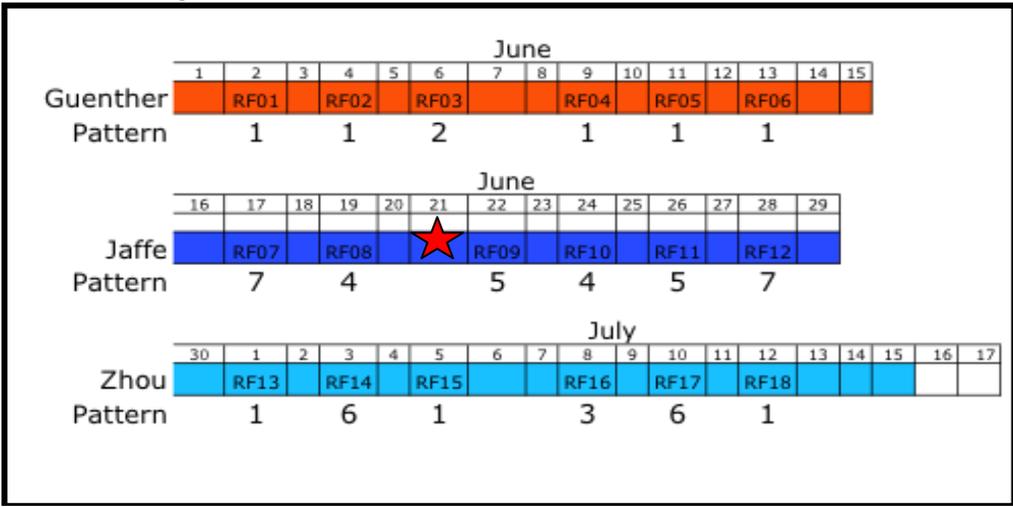


Figure 6. PI and tentative flight patterns for each day during the campaign. Open house/media day on June 21. No flight that day. All groups should have someone present at the open house.

Table 2. Selected cell numbers (A complete list will be maintained at the Operations Center.

| Name | Affiliation | Role | Cell phone | Email |
|----------------|-------------|-----------------|--------------|---------------------|
| Dan Jaffe | UW | PI (NAAMEX) | 206-225-8264 | djaffe@uw.edu |
| Alex Guenther | NCAR | PI (SOAS) | 720-505-0137 | guenther@ucar.edu |
| Xianliang Zhou | SUNY Albany | PI (TROPHONO) | 518-339-7850 | zhoux@wadsworth.org |
| Allen Schanot | NCAR | Aircraft Mgr. | 303-319-1052 | schanot@ucar.edu |
| Vidal Salazar | NCAR | Project Manager | 720-771-5018 | vidal@ucar.edu |

EMERGENCY
Call 911
Airport Police/Fire/EMS: 615 943-8398