

Highlights

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The Daily Plan-it

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Field Study Newsletter
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Dignitaries Abound at "Official" TexAQS Kickoff

Media Day Today

The Texas Natural Resource Conservation Commissioner (TNRCC) Ralph Marquez will be joined by Houston Mayor Lee Brown, Harris County Judge Robert Eckels, EPA Region 6 Administrator Gregg Cooke and others Thursday to officially kickoff the Texas 2000 Air Quality Study.

The fun will begin at 2:00 PM at the Southwest Services (Hangar 594). After brief comments by our guests there will be aircraft tours for the dignitaries and press.

Important Phone Numbers

- The NOAA/NCAR Electra message phone number is 281 929-1134.
- The Aldine Monitoring Station voice phone number is 281 227-6115.
- Vince Torres' cell-phone number 512 659-3193

TNRCC Web Site to Go Down

NOTICE: The TNRCC Web site, including the **Monitoring Operations** pages, will be down August 26 and 27, and will not be back up until sometime during the day, Monday, August 28. We are sorry for any inconvenience this may cause. Please contact our Call Center at 512 239-0911 if you have questions.

developing over the Gulf and/or sea breeze front and moving from south-southeast to the north-northwest. The winds aloft are weak and from the southeast. A high pressure ridge over the mid-south has set up residence again and should lead to more favorable pollution conditions for tomorrow and, particularly the weekend when it is anticipated that there is a good likelihood of "classic" land breeze/sea breeze circulation. There remains a lessening chance of more thunderstorms tomorrow and the general drying trend should continue.

According to the forecasters, hurricane/tropical storm Debby is heading for the Gulf after skirting the tip of southern Florida. According to Gerd, we "might get to see the P-3 after all."



Intrepid DC-3/Lidar "Crew" Christoph Senff, Raul Alvarez, Harry Moyer, Ken Smoll, and Jeremy Bullers

Electra N308D

The Electra will not fly today in deference to the media day event.

A mid-day flight is planned for tomorrow which will include several intercomparison legs with the other Houston-based aircraft. (See today's aircraft intercomparison story)

Weather Ways & Means

John Nielsen-Gammon provided the weather forecast today and was ably assisted by Dick McNider.

There is a continuing chance (50% this afternoon) of thundershowers

G-1 N701BN

The G-1 will not fly today in deference to the media day event.

A mid-day flight is planned for tomorrow which will include several intercomparison legs with the other Houston-based aircraft. (See today's aircraft intercomparison story)

DC-3 N56KS

The DC-3 will not fly today in deference to the media day event.

A mid-day flight is planned for tomorrow which will include several intercomparison legs with the other Houston-based aircraft. (See today's aircraft intercomparison story)

Twin Otter N153BU

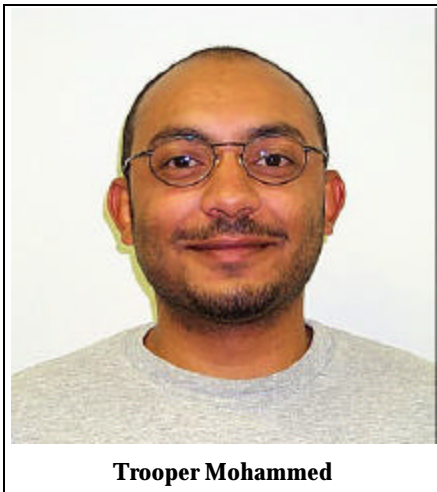
The Twin Otter will fly today at noon to take a news crew up briefly for a "live action" flight.

A mid-day flight is planned for tomorrow which will include several intercomparison legs with the other Houston Based aircraft. (See today's aircraft intercomparison story)

Aircraft Intercomparison

An aircraft intercomparison study is planned for mid-day on Friday, August 25th. All Houston-based aircraft will be participating and species of interest - where possible - include: O₃, CO, NO, NO₂, NO_y, SO₂, CH₂O, H₂O₂, PM, PAN, HNO₃, canister VOCs, and aerosol sulfate as well as the general flight information. This study is intended to identify any major differences/problems in sampling & measurement systems. Peter Daum and Jim Meagher will be expecting to receive all intercomparison data by end of the day on Monday, August 28th.

Pete & Jim will cast the data in a common time format and consider time series and correlation plots between aircraft. Following their analysis, they will meet with the principal investigators to discuss the



Trooper Mohammed

results. Finally, after due deliberation, the principal investigators will present salient results at a science team meeting.

The intercomparison will take place northwest of Houston along the 95° 20' meridian. The Electra, G-1 and Twin Otter will fly three legs - about 50 miles in length - at altitudes of 3k, 4.5k and 8k feet agl between 30°40' N and 31°30' N. The DC-3 will rise above it all and fly at 11.5k feet agl along the same meridian. According to plans, the aircraft will rendezvous at approximately 11:40 AM CDT at 20°40' N and 95°20' W to begin the intercomparison.

Upcoming Events

Aerosol Group Meeting - Tuesday at 2:00 PM (29th Meeting at Place to be determined)

LaPorte Team Meeting - Every Tuesday at 3:00 PM (29th Meeting at Place to be determined)

Aircraft Intercomparison - Friday, **August 25th** - 8,000 feet at (30° 40' N & 95° 20' W) at approximately 11:40 AM.

TNRCC/EPA Region 6 Data Analysis Meeting Tuesday, **August 29th** - 10:00 AM to 4:00 PM (Ellington, CapRock Conference Room)

VIP Day - Wednesday, **August 30th** (Ellington, Southwest Services)

Trooper of the Day

Today's coveted TOD award goes to Mohammed Ayoub from the University of Alabama - Huntsville. Not only is Mohammed an all around great guy and a fine human being but he **also** brought Krispy Kreme Donuts to the office in celebration of his **one-hundredth** sonde launch.

Thought for the Day

"That's right you're not from Texas, but Texas wants you anyway."

-Lyle Lovett

"I can please only one person per day. Today is not your day and tomorrow's not looking good either."

-Dilbert's Words of Wisdom

"Nature is ever at work building and pulling down, creating and destroying, keeping everything whirling and flowing, allowing no rest but in rhythmical motion, chasing everything in endless song out of one beautiful form into another."

-John Muir

