

Highlights

- Weather Report - A Rainy Night in Houston
- TexAQS Airforce - Electra & DC-3 Fly Home Today
- **T-shirt Instructions - Get 'em while they're hot!**

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The Daily Plan-It

*The TexAQS 2000
Field Study Newsletter
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TexAQS Airforce Begins to Depart Houston

Weather Forecast

John Nielsen-Gammon from Texas A&M University provided this morning's weather forecast - wet, wet, wet. Suffice it to say that background ozone levels in the greater Houston area are quite low today.

Under south-southeasterly flow, yesterday's maximum surface ozone levels occurred north-northwest of downtown Houston - at Aldine, North Wayside and Houston East with noon-to-1 PM averages of 100 to 97 ppbv. For the sixth consecutive day, no Houston area monitoring recorded a preliminary hourly average in excess of 120 ppbv.

With anticipated easterly winds, tomorrow's circulation should bring continental air across southeast Texas. This will lower our chances of precipitation.

Today Fifty percent chance of rain with scattered showers and thunderstorms. High in the upper 80s. East winds around 15 mph.

Tonight Scattered showers (30%) and thunderstorms this evening, otherwise partly cloudy with a low near 70. Variable winds 5 to 10 mph.

Thursday Partly cloudy with highs

effort during TexAQS. Happy landings, friends.

G-1 N701BN

The G-1 conducted two urban chemistry characterization flights yesterday.

With today's rainy weather, the G-1 scrapped plans for its final flight and the crew has begun to remove monitoring equipment from the plane. As of this writing, the G-1 is planning to leave the Houston area for the last time on Thursday or Friday.



The G-1 NCAR/NOAA Crew bid a fond farewell to TexAQS 2000

in the lower 90s. Aviation forecast continues to show precipitation in the Houston area. Light easterly winds at surface and light southeasterly aloft.

Electra N308D

The Electra left Ellington Field for the last time at 11 AM to conduct their final research flight - a series of upwind and downwind transects of Tulsa and Oklahoma City, OK, on the way back to Denver, CO.

We wish them an outstanding final flight and thank them for an excellent

DC-3 N56KS

The DC-3 conducted its final aerosol/ozone characterization flight yesterday with a 7 hour research flight.

The DC-3/Lidar headed back to Virginia today to off-load the instrumentation. Then, it's a long drive back to Boulder for several of the ETL stalwarts. Without question, the Lidar folks are very excited about the substantial data set collected in Houston. Again, a job well done.

Twin Otter N153BU

The Twin Otter is the only “airplane” game in town for TexAQS during the final days of the study, and, if weather permits, will conduct source characterization flights tomorrow and Friday.

The Twin Otter will probably return to Baylor University in Waco, TX, this weekend.

Study T-Shirt Rules

The TexAQS study T-shirts are here and **are now available**. Thanks to the generosity of the Southern Oxidants Study, these shirts are free of charge. In order to receive a shirt you will:

1. Present yourself at Bill's desk Thursday or Friday between 9 AM and 5 PM CDT.
2. Review/edit your information on the participants list.
3. Receive shirt.

Please present yourself *in person* if at all possible. Designated shirt pickers-uppers (DSPU's) will be accepted but **only** if they check and confirm address for **everyone** they are serving.

Upcoming Events

Computer Network Termination - Monday, September 18th. The offices at LaPorte and Ellington Field will have internet and printing access until the 18th. After that, Cathy B's packing



**If you show up too late,
you may not get your size.**

it up and going home (on September 20th)!

Taking Things Down - Vince Torres, in particular, needs to know when he can shut off the lights at some of our temporary sites. So take the time to give Vince a call and let him know your plans.

Trooper of the Day

EPA's Bill Lonneman wins the **Trooper of the Day** for all the VOC analysis support that he (and Paul Doskey and Bob Seila) have provided to the TexAQS Study during the past five-weeks. A big thanks, also, to our friends at Rice University for making space available for our VOC Lab.

Thoughts for the Day

“Distrust any enterprise that requires new clothes.”

–David Henry Thoreau (1817-1862)

“The longer I live the more I see that I am never wrong about anything, and that all the pains that I have so humbly taken to verify my notions have only wasted my time.”

–George Bernard Shaw (1856-1950)

