The National Weather Service Forecast Office in Brownsville, Texas serves the eight most South counties of South Texas with the lower four counties consisting of the upper, middle and lower Rio Grande Valley.

Terminal Aerodome Forecasts (TAFs)

Our primary aviation responsibility at the National Weather Service Forecast Office in Brownsville is to issue Terminal Aerodome Forecasts (TAFs). Routine TAFs are valid for a 24-hour period and issued four times daily: 00Z, 06Z, 12Z, and 18Z, and are amended (updated) as conditions require. TAFs will include information about wind speed and direction, visibility, present weather, such as fog or thunderstorms if applicable, cloud cover and heights, and low-level wind shear.

The National Weather Service in Brownsville produces TAFs for three airports in the Rio Grande Valley:

- Brownsville/South Padre Island (KBRO)
- Valley Int’l Harlingen (KHRL)
- McAllen Miller (KMFE)

Airports That Receive 30-hr TAFs

- KATL - The William B. Hartsfield Atlanta Int’l
- KBDL - Bradley Int’l
- KBOS - General Edward Lawrence Logan Int’l
- KBWI - Baltimore-Washington Int’l
- KCLE - Cleveland Hopkins Int’l
- KCVG - Covington/Cincinnati
- KDEN - Denver Int’l
- KDFW - Dallas/Fort Worth Int’l
- KDTW - Detroit Metropolitan Wayne County
- KEWR - Newark Liberty Int’l
- KIAD - Washington Dulles Int’l
- KIAH - Houston – George Bush Intercontinental
- KIND - Indianapolis Int’l
- KJFK - John F. Kennedy Int’l
- KLAX - Los Angeles Int’l
- KMKE - General Mitchell Int’l
- KMSP - Minneapolis-St Paul Int’l/Wold-Chamberlain
- KOAK - Metropolitan Oakland Int’l
- KONT - Ontario International
- KORD - Chicago-O’Hare Int’l
- KPHL - Philadelphia Int’l
- KPIT - Pittsburgh Int’l
- KSAN - San Diego Int’l – Lindbergh Field
- KSDF - Louisville, Int’l Standiford Field
- KSEA - Seattle-Tacoma Int’l
- KSFO - San Francisco Int’l
- KSLC - Salt Lake City Int’l
- KSTL - Lambert-St Louis Int’l
- KSWF - Stewart Int’l
- PAN - Ted Stevens Anchorage Int’l
- PHNL - Honolulu
- PAFA - Fairbanks

New TAF Format

On November 5, 2008, with the 0000 UTC issuance, the NWS changed the TAF format to conform to international standards outlined in ICAO Annex 3. The change included the initiating of 30-hour TAFs for high-impact U.S. Airports. To accommodate the extended TAF period, the format of ALL TAFs changed.

TAF sites within the Brownsville NWS Area of Service continue to receive TAFs for a 24-hour period. Only the time format changed, as shown below.

The new TAF format will include a date with every time group. This will meet the new international standard. The NWS will produce 30-hour TAFs for these high-impact airports.

How We Serve You

National Weather Service meteorologists are on-staff, 24 hours a day, seven days a week. In addition to providing public forecasts, watches, warnings, and advisories, we also provide services for customers in the aviation community. In fact, we have at least one forecaster dedicated to serving aviation interests on-shift at all times. The purpose of this pamphlet is to highlight the services that are available to our customers in the aviation community.
Aviation Forecast Discussion

In addition to our regularly issued general forecast discussions, we also offer a separate forecast discussion specially tailored for aviation interests. Issued four times daily, the aviation forecast discussion explains the aviation forecast in greater detail than a traditional TAF would. It highlights possible hazards in the forecast that may not be mentioned in the TAF due to a low level of confidence that the event will occur.

Contact Us

Aviation Program Manager: Geoffrey Bogorad
E-mail: Geoffrey.Bogorad@noaa.gov

Meteorologist-In-Charge: Nezette Rydell
E-mail: Nezette.Rydell@noaa.gov

Phone: 956-504-3084 (Mon-Fri, 8am-4pm)

Internet Links:

NWS Brownsville Homepage - www.weather.gov/rgv
Find your local weather forecast, watches, warnings, and advisories here.

Aviation Weather Center - www.aviationweather.gov
From TAFs, aviation AFDs, SIGMETs, Convective SIGMETs, AIRMETs, observations, forecast models, and anything else related to aviation weather, you'll find it here.

Additional Information

Snapshot of the Aviation Weather Center’s JAVA Tool webpage.