

# FLEXJET WEATHER UPDATE FOR TOMORROW

Weather Update for Tomorrow 02/11/2025

## Overall Weather Synopsis:

It is shaping up to be a busy day in the atmosphere tomorrow! Starting on the west coast, a short-wave trough and surface low pressure will reduce conditions into MVFR early in the morning with rains persisting throughout the rest of day. Elevated winds are expecting overnight tonight, with gusts up to 30 kts, although they are expected to subside with minimal operational concerns by morning travel times.

Also in the morning, CO/NE/KS are expected to experience snow as a large amplitude trough sets up over the west coast. Low visibility related to snow and lower-level moisture initiating IFR is expected to persist around Denver and it's airports into the late morning before subsiding around 16z. Demand should remain within limits to avoid any major TMLs, although elevated winds related to this low pressure system will create operational concerns at ASE throughout the day – diversions are likely, and EGE/RIL appear to currently be usable alternates due to preferable runway orientation. After 16z, snowfall will have migrated to Midwest states such as IA/IL/WI, where IFR conditions and runway contamination remains a risk to trigger delays across the region.

In the southeast, substantial lower-level southerly flow is forecast to push significant moisture through the eastern half of the CONUS. Fog around the Gulf Coast/Eastern Texas/Florida is expected to induce IFR/LIFR conditions that will subside around 15z, although rain and reduced conditions will persist in LA/MI/AL throughout the rest of the day. Winds aloft are favorable for convective development with possibly damaging winds around these interior gulf coast states and farther into the southeast, with crosswind limitation exceedance and reduced visibility liable to cause TMLs tomorrow afternoon.

As this moisture continues to push north meeting cooler air moving across the Midwest, a substantial band of possibly freezing rain stretching from MO up through PA could cause deice delays and runway contamination for evening travel. Major cities that are currently expected to be affected are Indianapolis, Kansas City, and Cleveland. To avoid major delays, earlier travel is advised. North of this band, cooler temperatures throughout the atmosphere receiving this substantial moisture is expected to cause heavy snow across the rest of the Great Lakes, with Chicago being the largest area of concern. Snow is expected to begin around 10z and continue throughout the evening. Higher winds are expected to persist around this low pressure as well, as the system meanders into the northeast overnight. While rainfall and possible LIFR conditions are expected to reach D.C. by this evening, most operational concerns for the capitol and NYC/Boston metros are not expected until Thursday morning.

