On November 22, 2004, local officials in Comal and Bastrop Counties requested assistance from GDEM in the wake of flooding and severe storms striking throughout central and southeastern Texas. That same day, Governor Rick Perry authorized the activation of 2 Water Rescue Strike Teams from TX-TF1 to assist with rescues in those counties. One Water Rescue Strike Team, composed of 4 Water Rescue Squads staged in New Braunfels, while the second Water Rescue Strike Team, composed of 3 Water Rescue Squads staged in Seguin. TX-TF1 also deployed HSARTs in support of 3 TXMF UH-60 Blackhawk helicopters to complete search and rescue operations in Bexar, Comal, and Bastrop counties. Additionally, the Texas Army National Guard helicopters were on stand-by in San Antonio and Austin until the weather cleared and flying conditions became safe.

For the next few days, teams assisted with flood rescue operations in Bexar, Comal, Bastrop, and Wharton Counties. TX-TF1 was demobilized at 8:30 a.m. on November 24, after flooding subsided and flooding and severe storms was no longer a major threat.