On August 24, 2017, the Texas Division of Emergency Management (TDEM) activated Texas Task Force 1 (TX-TF1) to prepare for the landfall of what turned out to be the strongest hurricane to make landfall in the State of Texas since 1961. The response lasted until September 14, with a total of 257 TX-TF1 personnel deploying to support the response efforts.

During this deployment, TEEX/TX-TF1 organized the ESF-9 Overhead team which was set up and housed in College Station, TX, and co-located with the FEMA Incident Support Team (IST) in order to conduct Unified Command Operations and support resources in the field. During this deployment, TEEX led the efforts for Search and Rescue (SAR) across the state, and coordinated 2,433 personnel from 103 agencies or organizations across Texas and the United States. In order to support operations, state, Emergency Management Assistance Compact (EMAC), and federal resources were all activated and deployed. State resources deployed included the following: 9 ESF-9 Liaisons, 17 Helicopter Search and Rescue Technicians (HSARTs), 1 Joint Air Ground Coordination Team (JAGCT), 1 Regional SAR Team, 8 TMD SAR-Ground Companies in High Profile Vehicles (HPVs), 8 TMD Ground Transportation Companies in HPVs, 2 TX-TF1 HPVs, 1 TX-TF1 Type-I US&R Task Force, 1 TX-TF2 Type-II US&R Task Force, 1 SAR Overhead Team, 4 Water Rescue Managers, and 15 Water Rescue Squads. Federal resources deployed included the following: 6 FEMA Type-I US&R Task Forces, 8 FEMA Type-III US&R Task Forces, 13 FEMA US&R Type-I Water Mission Ready Packages (MRPs), 7 FEMA US&R Hazardous Environment Push Package (HEPP) Caches, 1 FEMA US&R Incident Support Team, 1 FEMA US&R IST Cache, 5 Texas Interagency Fire Mutual Aid System (TIFMAS) Water Rescue Teams. Additionally, 23 EMAC State Water Rescue Teams were also deployed from 2 federal agencies, 16 U.S. States, and 1 U.S. Territory.

This deployment was a well coordinated effort between all SAR resources to complete the following: 841 rescues by air; 19,050 rescues by ground or water; 37,758 evacuations; 4,354 welfare checks; and 2,055 pet rescues or evacuations. Together, these first responders made a positive difference to those affected by Hurricane Harvey across the state of Texas.