







Why Update?

TETRA TECH

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- •The mitigation plan update will:
 - Help the County prepare for and mitigate the effects of disasters
 - Continue to allow the County and participating partners to be eligible for pre- and post-disaster mitigation funding
 - Support Community Rating System (CRS) participation/rating of municipalities

Hazard	Losses (1950 - June 2022)
Dam/Levee Failure	-
Drought	\$1 million (property) \$7.3 million (crop)
Expansive Soils	-
Extreme Cold	-
Extreme Heat	-
Flood (Flash)	\$805 billion (property) \$52,000 (crop)
Hailstorms	\$2.897 million (property)
Hurricanes	\$400 million (property)
Land Subsidence	-
Lightning	\$574,000 (property)
Pandemic/Disease Outbreak	-
Tropical Storms	\$12.34 million (property)
Tornadoes	\$16.183 million (property)
Wildfires	-
Windstorms	-
Severe Winter Storms	-
TOTAL	\$805,432,994 billion (property) \$7.404 million (crop)
Source: NOAA-NCEI 2022	SKX1/K 1

What's at Risk? FEMA Disaster Declarations Q 5 11 Hurricane 5 Flood 3 Fire M B 3 Severe Storm(s) 0 D 2 Biological Fort Bend, Texas 27 Disaster Declaration(s) * 2 Severe Ice Storm B 1 Coastal Storm TE TETRA TECH

Year of Declaration Date	Declaration Title	Disaster Number
1983	HURRICANE ALICIA	689
1991	SEVERE THUNDERSTORMS	930
1994	SEVERE THUNDERSTORMS AND FLOODING	1041
1998	TROPICAL STORM CHARLEY	1239
	TX-FLOODING 10/18/98	1257
1999	EXTREME FIRE HAZARDS	3142
2001	TX-TROPICAL STORM ALLISON-06-06-2001	1379
2002	SEVERE STORMS, TORNADOES AND FLOODING	1439
2005	HURRICANE KATRINA EVACUATION	3216
	HURRICANE RITA	1606
		3261
2006	EXTREME WILDFIRE THREAT	1624
	LAKE OLYMPIA FIRE	2639
2007	HURRICANE DEAN	3277
2008	HURRICANE GUSTAV	3290
	HURRICANE IKE	1791
		3294
2015	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS AND	
2016	SEVERE STORMS AND FLOODING	4269
		4272
2017	HURRICANE HARVEY	4332
2020	COVID-19	3458
	COVID-19 PANDEMIC	4485
	HURRICANE HANNA	3530
	TROPICAL STORMS MARCO AND LAURA	3540
2021	SEVERE WINTER STORM	3554
	SEVERE WINTER STORMS	4586

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