

Midland, Texas

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH

YEAR

June

2004

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE

J. DeBerry
In Charge of HSA

DATE

07/01/04

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

2 flood stages were reached in this HSA in June.

The pseudo-monsoon season began in June, with high pressure building over West Texas and Southeast New Mexico, and the dryline migrating well west of the HSA. However, a few events were noted.

On June 3rd, thunderstorms developed just west of the Rio Grande in Chihuahua, sending a flood wave through Candelaria (CDET2). The crest was brief, no damage was reported, and the wave attenuated by the time it reached Presidio. See attached E-3.

Widespread thunderstorms developed on the 5th across the upper Trans Pecos, flooding St. Hwy 302 west of Kermit in Winkler County.

On the evening of June 7th, thunderstorms developed over the Rio Conchos Basin in Chihuahua below Luis Leon Reservoir, sending a flood wave into the Rio Grande in Presidio. Flood stage was briefly reached below Presidio at Presidio 5 SE (PRDT2). No Damage was reported. See attached E-3.

Thunderstorms developed over the Davis Mountains on the 18th. In Jeff Davis County, Black Creek, normally dry, flash-flooded and ran 100 yards wide, scouring trees and boulders along the streambanks.

On the night of June 18-19th, a line of thunderstorms moved out of Southeast New Mexico and into the northern Permian Basin. In Border County, widespread flooding was reported in and around Lamesa. Portions of St. Hwy 349 flooded, as did parts of US Hwy 187. On St. Hwy 137, several cars were washed off the road.

On the night of the 20-21, thunderstorms developed over the southeastern Permian Basin. Reagan County was impacted the hardest. Street flooding was reported in Big Lake, and FM 1676 was closed from the intersection of US Hwy 67 southward.

Thunderstorms redeveloped over the Permian Basin on the evening of June 21st, flooding city streets in Big Spring in Howard County. A vehicle was washed off a roadway, prompting a high-water rescue. FM 33 south of Big Spring was inundated, stalling several vehicles. Flooding along FM 33 extended south into Glasscock County. FM 33 was eventually barricaded. Additionally, up to 1' of runoff was reported over FM 461 in northern Glasscock County.

On the afternoon of the 24th, thunderstorms developed once again over the Permian Basin. St. Hwy 176 flooded near Grady in Martin County. Storms then developed southward into Midland County, causing major street flooding in the city of Midland. Some low-lying streets in the city were inundated with as much as 3-4' of runoff, stalling vehicles in the process. Minor street flooding was also reported in West Odessa in Ector County. Upton County was affected as well, with nearly 1' of runoff covering portions of St. Hwy 349 south of Rankin. This event extended all the way into southeast New Mexico. In Hobbs in Lea County, street flooding washed several vehicles off roadways.

These storms continued over the Permian Basin into the morning of June 25th. Flash flooding of city streets was reported in McCamey in Upton County. St. Hwy 67/385 southwest of McCamey also flooded. This led to the Pecos River near Sheffield in Pecos County rising briefly above bankfull that evening.

On the 26th, thunderstorms developed over northwestern Eddy County, causing minor flooding of roads in and around Hope.

On June 27th, afternoon thunderstorms developed over the Davis Mountains, resulting in street flooding in Ft. Davis in Jeff Davis County. These storms drifted into Brewster County, and flash flooded locations near Alpine, with over 3" of rainfall observed on the south side of town. Storms then developed into Upton County during the evening, inundating portions of St. Hwy 349 north of Rankin.

On the 28th, thunderstorms developed over the eastern HSA, resulting in flash flooding in portions of Terrell County. St. Hwy 349 northeast of Dryden flooded. These storms carried over into the morning of June 29th, causing minor street flooding in Big Spring in Howard County.

On the evening of the 29th, the airmass assumed more of a tropical nature, and thunderstorms developed over the Guadalupe Mountains and upper Trans Pecos. After first washing out Ochoa Ranch Road west of Jal in Lea County, these storms formed into a line and moved through Ector and Midland Counties. Radar estimates that up to 3.5" of rain fell in some parts of the counties, causing widespread street flooding and stalling numerous vehicles. Storms then moved into Pecos County, inundating roadways with up to 3' of runoff in places.

Some locations in the HSA that received notable amounts of precipitation for June were:

Lees, Glasscock County	5.86"
Forsan, Howard County	5.94"
Cope Ranch, Reagan County	6.69"
McCamey, Upton County	6.76"

The average of all stations reporting was 2.39".

Midland International Airport received 2.01" of precipitation for the month. Normal for the month of June is 1.71". Total for the year is 6.67", 0.91" above normal.

Due to the relatively abundant rainfall for June, drought conditions over much of the HSA have not deteriorated significantly. Conditions range from moderate in Southeast New Mexico to near normal over the southeast Big Bend and Terrell County.

Reservoir levels across the HSA are averaging 39% of conservation capacity, around 3% lower than in May. Champion Creek Reservoir remains the lowest, at about 8% capacity, while Moss Creek Lake is the highest, at around 77% capacity. The flood threat remains low.

River products issued:

FLW = 4 FFW = 27 FFS = 31 RVS = 1 FLS = 33

Shifts worked: 10

cc:mail: DOA HIC IBWC-ELP IBWC-PRS SWFED USGS-CNM USGS-SJT

cc:email: HIC SRH W/SR2 W/SR3 W/SR-ABQ W/SR-ELP W/SR-FWR W/SR-LBB W/SR-MAF W/SR-SJT