

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**October**

YEAR

**2010**

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

**November 15, 2010**

*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)*

An X inside this box indicates that no river flooding occurred within this hydrologic service area.

The onset of fall and consequent shifting synoptic patterns ended the wet streak for West Texas and Southeast New Mexico during October, with meager rainfall across the region and no significant hydrologic events noted.

Precipitation amounts from area ASOS:

City	ASOS ID	October	September
Carlsbad, NM	CNM	0.09"	3.74"
Fort Stockton	FST	T	0.98"
Guadalupe Pass	GDP	0.01"	2.03"
Midland Int'l	MAF	T	2.35"
Odessa	ODO	T	0.72"
Terrell County	6R6	0.00"	0.64"
Wink	INK	T	0.38"

Precipitation amounts from area AWOS:

City	ASOS ID	October	September
Alpine	E38	0.01"	0.70"
Artesia, NM	ATS	0.05"	0.92"
Big Spring	BGP	0.00"	0.69"
Gaines County	GNC	0.12"	0.98"
Marfa	MRF	0.00"	1.64"
Midland Airpark	MDD	0.03"	0.58"
Pecos	PEQ	0.00"	0.74"
Snyder	SNK	0.19"	4.53"

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

Queen, Eddy County 1.00"  
Bakersfield, Pecos County 1.02"

Caprock, Lea County 1.19"  
 Sheffield, Pecos County 1.82"

108 locations reported rainfall for the month of October, for an average of 0.16".

Normal October precipitation for Midland International Airport is 1.77". Total precipitation for Midland International Airport for the year ending November 1<sup>st</sup> was 16.38", or 2.88" above normal.

Due to October's meager rainfall, portions of West Texas have receded into drought once again. Portions of West Texas from Terrell County to Big Bend National Park are now in severe drought, while moderate drought extends slightly further north. The rest of West Texas south of the Davis Mountains is abnormally dry. In addition, Lea County in Southeast New Mexico remains abnormally dry, as do adjacent Texas counties.

Reservoir levels across the HSA averaged 33% of conservation capacity at the end of October.

<b>Reservoir (County, State)</b>	<b>October Conserv Cap (%)</b>	<b>September Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	6	7
Colorado City (Mitchell, TX)	49	53
Champion Creek (Mitchell, TX)	17	20
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	54	43
Brantley (Eddy, NM)	44	49
Avalon (Eddy, NM)	30	31
Red Bluff (Reeves, TX)	18	18

**Non-Routine Products Issued for October:**

Flash Flood Watches (FFA): 0  
 Flash Flood Warnings (FFW): 0  
 Flash Flood Statements (FFS): 0  
 Flood Warnings (FLW): 0  
Flood Statements (FLS): 0

**Total Non-Routine Products Issued: 0**

**cc: email: COE ABQ, HIC, IBWC ELP, IBWC PRD, LCRA, NWS ABQ, NWS EPZ, NWS LBB, NWS MAF, NWS SJT, SRH, TAMU, TCEQ, USGS CNM, USGS SJT, WGRFC**