

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**October**

YEAR

**2014**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**November 15, 2014**

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

*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.**

October was rather uneventful, hydrologically, especially in lieu of September.

On October 19<sup>th</sup>, thunderstorms developed over Mexico just upstream of Candelaria, and briefly pushed the Rio Grande into minor flood stage there. Otherwise, no flooding, flash or river, was noted.

Precipitation amounts from area ASOS's:

City	ASOS ID	October	September
Carlsbad, NM	CNM	0.44"	0.03"
Fort Stockton	FST	T	2.80"
Guadalupe Pass	GDP	0.34"	7.12"
Midland Int'l	MAF	T	1.69"
Odessa	ODO	0.04"	4.27"
Terrell County	6R6	0.70"	1.74"
Wink	INK	0.37"	4.94"

Precipitation amounts from area AWOS's:

City	AWOS ID	October	September
Alpine	E38	0.57"	2.76"
Artesia, NM	ATS	M	M
Big Spring	BGP	0.45"	3.00"
Gaines County	GNC	0.23"	7.29"
Hobbs	HOB	0.06"	0.87"
Marfa	MRF	1.38"	2.27"
Midland Airpark	MDD	0.00"	2.54"
Pecos	PEQ	0.69"	2.53"
Snyder	SNK	0.78"	5.94"

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

Valentine 10WSW, Presidio County	2.99"
Fort Davis, Jeff Davis County	2.04"
Hope, Eddy County	1.56"
Lees, Glasscock County	1.52"

93 locations reported rainfall for the month of October, for an average of 0.51".

Normal October precipitation for Midland International Airport is 1.73". Total precipitation for Midland International Airport for 2014 ending November 1<sup>st</sup> was 6.43", or 6.88" below normal.

Although rainfall for October was below normal, drought conditions continued to improve across the region. As of October 28<sup>th</sup>, in Southeast New Mexico, northwest Eddy County remained in moderate drought. The rest of Southeast New Mexico was either abnormally dry or out of drought. In West Texas, pockets of moderate drought were noted in the Western Low Rolling Plains, Permian Basin, and lower Trans Pecos. Otherwise, the rest of West Texas was either abnormally dry or out of drought.

Reservoir levels across the HSA averaged 50.7% of conservation capacity as of November 1<sup>st</sup>:

Reservoir (County, State)	October Conserv Cap (%)	September Conserv Cap (%)
JB Thomas (Scurry, TX)	47.0	46.8
Colorado City (Mitchell, TX)	22.0	24.9
Champion Creek (Mitchell, TX)	6.0	6.3
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	68.0	79.0
Brantley (Eddy, NM)	100.0+	100.0+
Avalon (Eddy, NM)	29.0	100.0+
Red Bluff (Reeves, TX)	85.0	100.0+

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

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 0  
Flash Flood Statements (FFS): 0  
Flood Advisories/Statements (FLS): 4  
Flood Warnings (FLW): 0

**Total Non-Routine Products Issued: 4**

**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**