

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**September**

YEAR

**2016**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**October 15, 2016**

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.

September was fairly uneventful hydrologically, as most weather events were more severe in general. Not nearly as much rainfall fell as in August. A couple of events were noted, however.

On September 16th, a thunderstorm in Mitchell County flooded some roadways in Colorado City. On the 18<sup>th</sup>, thunderstorms flash-flooded parts of Odessa in Ector County, necessitating three high water rescues.

Precipitation amounts from area ASOS's:

City	ASOS ID	September	August
Carlsbad, NM	CNM	0.96"	6.93"
Fort Stockton	FST	2.15"	1.76"
Guadalupe Pass	GDP	0.86"	4.17"
Midland Int'l	MAF	2.11"	3.20"
Odessa	ODO	3.16"	3.52"
Terrell County	6R6	0.45"	3.30"
Wink	INK	0.85"	0.61"

Precipitation amounts from area AWOS's:

City	AWOS ID	September	August
Alpine	E38	3.50"	5.06"
Artesia, NM	ATS	1.96"	5.54"
Big Spring	BGP	0.04"	0.02"
Gaines County	GNC	0.77"	6.05"
Hobbs	HOB	0.38"	2.46"
Marfa	MRF	1.74"	4.61"
Midland Airpark	MDD	0.41"	0.28"
Pecos	PEQ	1.44"	3.47"
Snyder	SNK	1.41"	1.21"

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

Nadine, Lea County	5.45"
Fluvanna 3WNW, Borden County	5.82"
Hope, Eddy County	6.76"
Dark Canyon, Eddy County	7.06"

101 locations reported rainfall for the month of September, for an HSA average of 2.41".

Normal September precipitation for Midland International Air and Space Port is 1.86". Total precipitation for the airport for the year ending October 1<sup>st</sup> was 12.45", or 0.87" above normal.

Rain in September kept the drought from worsening in West Texas and Southeast New Mexico. As of September 27<sup>th</sup>, in Southeast New Mexico, only a small portion of the Guadalupe Mountains in southwest Eddy County was abnormally dry. The rest of Southeast New Mexico was out of drought. In West Texas, no drought conditions were noted.

Reservoir levels across the HSA averaged 54.9% of conservation capacity as of October 1<sup>st</sup>:

<b>Reservoir (County, State)</b>	<b>September Conserv Cap (%)</b>	<b>August Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	63.4	63.7
Colorado City (Mitchell, TX)	26.1	23.9
Champion Creek (Mitchell, TX)	28.2	24.7
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	72.0	67.0
Brantley (Eddy, NM)	91.0	74.0
Avalon (Eddy, NM)	27.0	50.0
Red Bluff (Reeves, TX)	82.6	85.8

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

Flash Flood Watches (FFA): 12  
Flash Flood Warnings (FFW): 7  
Flash Flood Statements (FFS): 5  
Flood Advisories/Statements (FLS): 67  
Flood Warnings (FLW): 2

**Total Non-Routine Products Issued: 93**

**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**