

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**February**

YEAR

**2017**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**March 15, 2017**

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.

The synoptic pattern in February did not favor many precipitation events for West Texas and Southeast New Mexico. Consequently, no significant hydrologic events were noted.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	CNM	0.12"	0.61"
Fort Stockton	FST	0.03"	0.50"
Guadalupe Pass	GDP	0.04"	0.27"
Midland Int'l	MAF	0.72"	1.12"
Odessa	ODO	0.24"	1.15"
Terrell County	6R6	0.96"	0.49"
Wink	INK	0.01"	1.03"

Precipitation amounts from area AWOS's:

City	AWOS ID	February	January
Alpine	E38	0.00"	1.15"
Artesia, NM	ATS	0.20"	0.78"
Big Spring	BGP	0.47"	1.60"
Gaines County	GNC	0.32"	0.93"
Hobbs	HOB	0.00"	0.77"
Marfa	MRF	T	0.77"
Midland Airpark	MDD	0.03"	0.16"
Pecos	PEQ	0.01"	0.34"
Presidio	PRS	0.00	M
Snyder	SNK	0.54"	1.03"

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

Lamesa, Dawson County 1.29"

Cope Ranch, Reagan County 1.40"  
 Big Lake, Reagan County 1.77"  
 Welch, Dawson County 2.42"

98 locations reported rainfall for the month of February, for an HSA average of 0.44".

Normal February precipitation for Midland International Air and Space Port is 0.71". Total precipitation for the airport for the year ending March 1<sup>st</sup> was 1.84", or 0.60" above normal.

Although February was miserly with rainfall, West Texas and Southeast New Mexico remain completely out of drought.

Reservoir levels across the HSA averaged 67.0% of conservation capacity as of March 1<sup>st</sup>:

<b>Reservoir (County, State)</b>	<b>February Conserv Cap (%)</b>	<b>January Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	63.2	64.0
Colorado City (Mitchell, TX)	47.3	47.8
Champion Creek (Mitchell, TX)	37.9	37.7
Moss Creek (Howard, TX)	79.0	83.0
Brantley (Eddy, NM)	83.0	80.0
Avalon (Eddy, NM)	70.0	65.0
Red Bluff (Reeves, TX)	88.3	87.8

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

Flash Flood Watches (FFA): 0  
 Flash Flood Warnings (FFW): 0  
 Flash Flood Statements (FFS): 0  
 Flood Advisories/Statements (FLS): 2  
Flood Warnings (FLW): 0

**Total Non-Routine Products Issued: 2**

**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**