

<p><b>NWS FORM E-5</b>  <small>(11-88)</small>          (PRES. by NWS Instruction 10-924)</p> <p style="text-align: center;"><b>U.S. DEPARTMENT OF COMMERCE</b>  <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b>  <b>NATIONAL WEATHER SERVICE</b></p>	<p>HYDROLOGIC SERVICE AREA (HSA)  <b>WFO Midland, Texas</b></p>
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>	
<p>TO: Hydrometeorological Information Center, W/OH2          NOAA / National Weather Service          1325 East West Highway, Room 7230          Silver Spring, MD 20910-3283</p>	<p>REPORT FOR:          MONTH <span style="float: right;">YEAR</span>  <b>February</b> <span style="float: right;"><b>2014</b></span></p> <p>SIGNATURE <u><b>J. DeBerry</b></u>          In Charge of HSA</p> <p>DATE  <b>March 15, 2014</b></p>

*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.

February fared a little better than January with respect to rainfall, but no significant hydrologic events were noted.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	CNM	0.28"	T
Fort Stockton	FST	0.15"	T
Guadalupe Pass	GDP	0.12"	T
Midland Int'l	MAF	0.26"	0.00"
Odessa	ODO	0.57"	0.00"
Terrell County	6R6	0.02"	0.00"
Wink	INK	0.10"	T

Precipitation amounts from area AWOS's:

City	AWOS ID	February	January
Alpine	E38	0.10"	0.00"
Artesia, NM	ATS	0.03"	0.00"
Big Spring	BGP	0.16"	0.00"
Gaines County	GNC	0.07"	0.00"
Hobbs	HOB	0.50"	0.00"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.04"	0.00"
Pecos	PEQ	0.11"	0.00"
Snyder	SNK	0.43"	0.00"

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

Fluvanna, Scurry County            0.47"  
 Pine Springs, Culberson County   0.50"

Gail, Borden County 0.63"  
 Lamesa, Dawson County 3.00"

87 locations reported rainfall for the month of February, for an average of 0.24".

Normal February precipitation for Midland International Airport is 0.71". Total precipitation for Midland International Airport for 2014 ending March 1<sup>st</sup> was 0.26", or 1.01" below normal.

Drought conditions remain relatively static over West Texas and Southeast New Mexico. As of February 25<sup>th</sup>, in Southeast New Mexico, northwest Eddy and northeast Lea Counties remain in severe drought. The rest of Southeast New Mexico ranged from moderate drought to no drought. In West Texas, extreme drought has developed along the Colorado River. Severe drought remains in northwest Gaines County and extreme southeast Terrell County. The rest of West Texas ranged from moderate to no drought.

Reservoir levels across the HSA averaged 44.3% of conservation capacity as of March 1<sup>st</sup>.

Reservoir (County, State)	February Conserv Cap (%)	January Conserv Cap (%)
JB Thomas (Scurry, TX)	1.3	1.3
Colorado City (Mitchell, TX)	26.8	26.3
Champion Creek (Mitchell, TX)	7.1	7.3
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	78.0	80.0
Brantley (Eddy, NM)	86.0	83.0
Avalon (Eddy, NM)	61.0	73.0
Red Bluff (Reeves, TX)	45.5	44.8

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

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