

<b>NWS FORM E-5</b> (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>WFO Midland, Texas</b>	
		<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>	REPORT FOR: MONTH <b>February</b>
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		SIGNATURE <p style="text-align: center;"><b>J. DeBerry</b> In Charge of HSA</p>	
		DATE <b>March 15, 2013</b>	

*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.

No notable hydrologic events occurred in February, as precipitation was sparse.

Precipitation amounts from area ASOS's:

City	ASOS ID	February	January
Carlsbad, NM	CNM	0.24"	0.62"
Fort Stockton	FST	T	2.19"
Guadalupe Pass	GDP	0.88"	0.12"
Midland Int'l	MAF	0.08"	1.45"
Odessa	ODO	0.05"	1.17"
Terrell County	6R6	0.00"	3.54"
Wink	INK	0.05"	1.20"

Precipitation amounts from area AWOS's:

City	ASOS ID	February	January
Alpine	E38	0.00"	1.91"
Artesia, NM	ATS	0.00"	0.35"
Big Spring	BGP	0.07"	1.10"
Gaines County	GNC	0.32"	0.70"
Marfa	MRF	0.00"	0.64"
Midland Airpark	MDD	0.08"	1.11"
Pecos	PEQ	0.00"	0.05"
Snyder	SNK	0.50"	0.58"

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

Fluvanna, Scurry County	0.56"
Ochoa, Lea County	0.60"
Gail, Borden County	0.66"
Queen, Eddy County	0.70"

106 locations reported rainfall for the month of February, for an average of 0.20”.

Normal February precipitation for Midland International Airport is 0.71”. Total precipitation for Midland International Airport for 2013 ending March 1<sup>st</sup> was 1.53”, or 0.26” above normal.

Drought conditions changed little in Southeast New Mexico during February, despite the meager rainfall. As of February 26th, in Southeast New Mexico, only northwest Lea County was in extreme drought. Most of the rest was in severe drought, and even the southeast/southern portions of both counties were in moderate drought or abnormally dry. In West Texas, only the western portions of Culberson and Jeff Davis Counties, northwest Presidio County, and portions of the Western Low Rolling Plains were in severe drought. The rest of West Texas ranged from moderate drought to no drought at all. There was a little improvement over the Permian Basin, Stockton Plateau, and Terrell County.

Reservoir levels across the HSA averaged 27% 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)	1	1
Colorado City (Mitchell, TX)	35	35
Champion Creek (Mitchell, TX)	11	11
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	37	33
Brantley (Eddy, NM)	1	16
Avalon (Eddy, NM)	68	65
Red Bluff (Reeves, TX)	14	14

#### **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 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**