

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**January**

**2013**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**February 15, 2013**

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.

Only one notable precipitation event occurred in January. On the 9<sup>th</sup>, an upper level storm system moved through West Texas, bringing an inch or more of rainfall to much of the region. It was a slow, stratiform rain event, and no flooding was reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	January	December
Carlsbad, NM	CNM	0.62"	0.12"
Fort Stockton	FST	2.19"	0.05"
Guadalupe Pass	GDP	0.12"	0.21"
Midland Int'l	MAF	1.45"	0.08"
Odessa	ODO	1.17"	0.05"
Terrell County	6R6	3.54"	0.04"
Wink	INK	1.20"	0.02"

Precipitation amounts from area AWOS's:

City	ASOS ID	January	December
Alpine	E38	1.91"	0.00"
Artesia, NM	ATS	0.35"	0.17"
Big Spring	BGP	1.10"	0.02"
Gaines County	GNC	0.70"	0.28"
Marfa	MRF	0.64"	0.03"
Midland Airpark	MDD	1.11"	0.05"
Pecos	PEQ	0.05"	0.00"
Snyder	SNK	0.58"	0.05"

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

West Corrazones, Brewster County	2.80"
Coyanosa, Pecos County	3.01"
Kent, Culberson County	3.37"
Balmorhea, Reeves County	3.48"

108 locations reported rainfall for the month of January, for an average of 1.30".

Normal January precipitation for Midland International Airport is 0.56". Total precipitation for Midland International Airport for 2013 was 1.45", or 0.89" above normal.

Drought conditions changed little in Southeast New Mexico during January, although they did improve in West Texas due to the rain event on January 9th. As of January 29th, 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.

Reservoir levels across the HSA averaged 28% of conservation capacity as of February 1<sup>st</sup>:

<b>Reservoir (County, State)</b>	<b>January Conserv Cap (%)</b>	<b>December Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	1	1
Colorado City (Mitchell, TX)	35	35
Champion Creek (Mitchell, TX)	11	9
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	33	32
Brantley (Eddy, NM)	16	1
Avalon (Eddy, NM)	65	56
Red Bluff (Reeves, TX)	14	0

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

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

**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**