

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

January

2014

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

February 15, 2014

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.

January was dominated by a synoptic-scale ridge anchored over the west coast. As a result, West Texas and Southeast New Mexico spent the month under generally dry, northwest flow aloft. In fact, only traces of precipitation were noted, if anything.

Precipitation amounts from area ASOS's:

City	ASOS ID	January	December
Carlsbad, NM	CNM	T	0.77"
Fort Stockton	FST	T	1.04"
Guadalupe Pass	GDP	T	M
Midland Int'l	MAF	0.00"	1.44"
Odessa	ODO	0.00"	1.39"
Terrell County	6R6	0.00"	0.20"
Wink	INK	T	1.45"

Precipitation amounts from area AWOS's:

City	AWOS ID	January	December
Alpine	E38	0.00"	0.80"
Artesia, NM	ATS	0.00"	0.07"
Big Spring	BGP	0.00"	1.04"
Gaines County	GNC	0.00"	0.82"
Hobbs	HOB	0.00"	0.25"
Marfa	MRF	0.00"	0.72"
Midland Airpark	MDD	0.00"	0.21"
Pecos	PEQ	0.00"	1.62"
Snyder	SNK	0.00"	1.07"

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

Terlingua, Brewster County T
 Cope Ranch, Reagan County T
 Mount Locke, Jeff Davis County T

97 locations reported rainfall for the month of January, for an average of 0.00”.

Normal January precipitation for Midland International Airport is 0.56”. Total precipitation for Midland International Airport for 2014 ending February 1st was 0.00”, or 0.56” below normal.

Drought conditions remained relatively static over West Texas and Southeast New Mexico the past month. As of January 28th, in Southeast New Mexico, northwest Eddy County remains in severe drought, as does northeast Lea County. The rest of Southeast New Mexico ranged from moderate drought to no drought. In West Texas, pockets of severe drought still remained in the Western Low Rolling Plains, Permian Basin, and extreme lower Trans Pecos. The rest of West Texas ranges from moderate to no drought.

Reservoir levels across the HSA averaged 46.0% of conservation capacity as of February 1st:

Reservoir (County, State)	January Conserv Cap (%)	December Conserv Cap (%)
JB Thomas (Scurry, TX)	1.3	1.4
Colorado City (Mitchell, TX)	26.3	26.8
Champion Creek (Mitchell, TX)	7.3	7.4
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	79.0	72.0
Brantley (Eddy, NM)	84.0	80.0
Avalon (Eddy, NM)	73.0	63.0
Red Bluff (Reeves, TX)	44.8	43.4

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 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