

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**March**

**2014**

TO: Hydrometeorological Information Center, W/OH2  
 NOAA / National Weather Service  
 1325 East West Highway, Room 7230  
 Silver Spring, MD 20910-3283

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**April 15, 2014**

*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.

March saw no significant hydrologic events, and little precipitation.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	CNM	0.25"	0.28"
Fort Stockton	FST	0.24"	0.15"
Guadalupe Pass	GDP	0.21"	0.12"
Midland Int'l	MAF	0.19"	0.26"
Odessa	ODO	0.04"	0.57"
Terrell County	6R6	0.00"	0.02"
Wink	INK	0.02"	0.10"

Precipitation amounts from area AWOS's:

City	AWOS ID	March	February
Alpine	E38	0.10"	0.10"
Artesia, NM	ATS	0.06"	0.03"
Big Spring	BGP	0.01"	0.16"
Gaines County	GNC	0.02"	0.07"
Hobbs	HOB	0.02"	0.50"
Marfa	MRF	0.08"	0.00"
Midland Airpark	MDD	0.22"	0.04"
Pecos	PEQ	0.06"	0.11"
Snyder	SNK	0.02"	0.43"

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

Pine Springs, Culberson County 1.03"  
 McKittrick Canyon, Culberson County 1.12"  
 Kent, Jeff Davis County 1.22"

94 locations reported rainfall for the month of March, for an average of 0.23".

Normal March precipitation for Midland International Airport is 0.60". Total precipitation for Midland International Airport for 2014 ending April 1<sup>st</sup> was 0.45", or 1.42" below normal.

With scant rainfall for March, drought conditions have deteriorated slightly over the past month over West Texas and Southeast New Mexico. As of March 25<sup>th</sup>, in Southeast New Mexico, extreme northwest Eddy County had fallen into extreme drought. Northwest Eddy and northeast Lea Counties remained in severe drought. The rest of Southeast New Mexico ranged from moderate drought to no drought. In West Texas, extreme drought remained along the Colorado River. Severe drought has developed in portions of the Western Low Rolling Plains and Permian Basin. The rest of West Texas ranged from moderate to no drought.

Reservoir levels across the HSA averaged 41.4% of conservation capacity as of April 1<sup>st</sup>:

<b>Reservoir (County, State)</b>	<b>March Conserv Cap (%)</b>	<b>February Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	1.1	1.3
Colorado City (Mitchell, TX)	25.9	26.8
Champion Creek (Mitchell, TX)	6.8	7.1
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	81.0	78.0
Brantley (Eddy, NM)	81.0	86.0
Avalon (Eddy, NM)	M	61.0
Red Bluff (Reeves, TX)	45.5	45.5

#### **Non-Routine Products Issued for March:**

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**