

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

March

YEAR

2015

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, 2015

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 was fairly uneventful, hydrologically, and no flooding was reported. Rainfall was near-to-above normal, with the Stockton Plateau and adjacent areas faring the best.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	CNM	0.70"	0.21"
Fort Stockton	FST	3.74"	0.75"
Guadalupe Pass	GDP	0.83"	0.04"
Midland Int'l	MAF	1.65"	0.26"
Odessa	ODO	1.54"	0.20"
Terrell County	6R6	2.57"	1.30"
Wink	INK	1.44"	0.00"

Precipitation amounts from area AWOS's:

City	AWOS ID	March	February
Alpine	E38	1.83"	0.83"
Artesia, NM	ATS	0.09"	0.17"
Big Spring	BGP	1.66"	0.03"
Gaines County	GNC	0.46"	0.07"
Hobbs	HOB	0.23"	0.25"
Marfa	MRF	1.37"	0.48"
Midland Airpark	MDD	0.28"	0.06"
Pecos	PEQ	1.67"	0.07"
Snyder	SNK	0.75"	0.02"

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

Lees, Glasscock County	2.30"
Balmorhea, Reeves County	2.33"
St. Lawrence, Glasscock County	2.35"
The Bowl, Culberson County	2.42"

93 locations reported rainfall for the month of March, for an average of 1.40".

Normal March precipitation for Midland International Airport is 0.60". Total precipitation for Midland International Airport for the year ending April 1st was 4.34", or 2.47" above normal.

Drought conditions improved across West Texas and Southeast New Mexico during March. As of March 24th, in Southeast New Mexico, only northwest Eddy County remained in moderate drought, buffered by a sliver of abnormally dry conditions. The rest of Southeast New Mexico was out of drought. In West Texas, eastern Scurry and Mitchell Counties, and southeast Terrell County had improved to moderate drought. The rest of West Texas was either abnormally dry or out of drought, mostly out of drought.

Reservoir levels across the HSA averaged 48.0% of conservation capacity as of April 1st:

Reservoir (County, State)	March Conserv Cap (%)	February Conserv Cap (%)
JB Thomas (Scurry, TX)	44.1	44.5
Colorado City (Mitchell, TX)	21.1	21.2
Champion Creek (Mitchell, TX)	5.6	5.5
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	54.0	54.0
Brantley (Eddy, NM)	100.0+	100.0+
Avalon (Eddy, NM)	28.0	83.0
Red Bluff (Reeves, TX)	86.0	91.2

Non-Routine Products Issued for March:

Flash Flood Watches (FFA): 4
Flash Flood Warnings (FFW): 0
Flash Flood Statements (FFS): 0
Flood Advisories/Statements (FLS): 8
Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 12

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