

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

March

YEAR

2016

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, 2016

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 characterized by an upper jet that was not conducive to rainfall for West Texas and Southeast New Mexico. As a result, hydrologic activity was minimal, and no significant events reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	March	February
Carlsbad, NM	CNM	T	0.07"
Fort Stockton	FST	0.25"	0.34"
Guadalupe Pass	GDP	0.06"	T
Midland Int'l	MAF	0.34"	0.30"
Odessa	ODO	0.36"	0.28"
Terrell County	6R6	1.87"	0.52"
Wink	INK	0.08"	0.08"

Precipitation amounts from area AWOS's:

City	AWOS ID	March	February
Alpine	E38	0.05"	0.02"
Artesia, NM	ATS	0.01"	0.18"
Big Spring	BGP	0.68"	0.16"
Gaines County	GNC	0.21"	0.07"
Hobbs	HOB	0.03"	0.33"
Marfa	MRF	T	0.01"
Midland Airpark	MDD	0.11"	0.14"
Pecos	PEQ	0.06"	0.01"
Snyder	SNK	0.55"	0.11"

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

Cope Ranch, Reagan County 1.01”
 Saint Lawrence, Reagan County 1.07”
 Bakersfield, Pecos County 1.21”
 Big Lake, Reagan County 1.75”

92 locations reported rainfall for the month of March, for an HSA average of 0.31”.

Normal March precipitation for Midland International Air and Space Port is 0.60”. Total precipitation for the airport for the year ending April 1st was 0.82”, or 1.05” below normal.

Due to lack of recent rains, West Texas and Southeast New Mexico continue withering back into drought. As of March 29th, in Southeast New Mexico, all of Lea County and most of Eddy County were abnormally dry. Moderate drought had developed into western Eddy County. This abnormal dryness had bled over into adjacent parts of West Texas. Further to the southeast, where rain has been a bit more abundant, the rest of West Texas was normal.

Reservoir levels across the HSA averaged 54.48% of conservation capacity as of April 1st:

Reservoir (County, State)	March Conserv Cap (%)	February Conserv Cap (%)
JB Thomas (Scurry, TX)	69.8	70.8
Colorado City (Mitchell, TX)	27.0	27.8
Champion Creek (Mitchell, TX)	22.4	22.7
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	63.0	50.0
Brantley (Eddy, NM)	80.0	83.0
Avalon (Eddy, NM)	33.0	96.0
Red Bluff (Reeves, TX)	92.0	90.6

Non-Routine Products Issued for March:

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