

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas
		REPORT FOR: MONTH March YEAR 2011
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE J. DeBerry In Charge of HSA
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE April 15, 2011

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.

The dry, synoptic pattern continued through March, exacerbated by La Nina, with little rainfall across the region. However, an event worth noting occurred.

On March 18th, thunderstorms developed along a cold front that moved into the Western Low Rolling Plains and Permian Basin. Several roads flooded and were barricaded in Big Spring in Howard County, with vehicles underwater. Otherwise, March was stagnant.

Precipitation amounts from area ASOS:

City	ASOS ID	March	February
Carlsbad, NM	CNM	0.00"	T
Fort Stockton	FST	0.04"	T
Guadalupe Pass	GDP	0.00"	0.02"
Midland Int'l	MAF	0.04"	0.05"
Odessa	ODO	0.04"	0.03"
Terrell County	6R6	0.00"	0.00"
Wink	INK	T	T

Precipitation amounts from area AWOS:

City	ASOS ID	March	February
Alpine	E38	0.00"	0.00"
Artesia, NM	ATS	0.00"	0.00"
Big Spring	BGP	0.11"	0.02"
Gaines County	GNC	0.00"	0.17"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.00"	0.03"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	0.08"	0.13"

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

Lamesa, Dawson County 0.04"
 Gail, Borden County 0.05"
 Hobbs, Lea County 0.06"
 Fluvanna, Scurry County 0.07"

113 locations reported rainfall for the month of March, for an average of 0.04".

Normal March precipitation for Midland International Airport is 0.42". Total precipitation for Midland International Airport for the year ending April 1st was 0.04", or 1.42" below normal.

With such meager rainfall during March, the drought continues to worsen. As of April 1st, West Texas, generally south of a Pine Springs...to Pecos...to Midland...to Big Spring line, was in extreme drought. The rest of West Texas and Southeast New Mexico were in severe drought.

Reservoir levels across the HSA averaged 43% of conservation capacity as of April 1st.

Reservoir (County, State)	March Conserv Cap (%)	February Conserv Cap (%)
JB Thomas (Scurry, TX)	5	5
Colorado City (Mitchell, TX)	47	48
Champion Creek (Mitchell, TX)	18	18
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	82	82
Brantley (Eddy, NM)	73	37
Avalon (Eddy, NM)	45	45
Red Bluff (Reeves, TX)	25	25

Non-Routine Products Issued for March:

Flash Flood Watches (FFA): 0
 Flash Flood Warnings (FFW): 1
 Flash Flood Statements (FFS): 1
 Flood Warnings (FLW): 0
Flood Statements (FLS): 1

Total Non-Routine Products Issued: 3

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