

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2011

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 15, 2011

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.

The dry, synoptic pattern continued through April, exacerbated by La Nina, with little rainfall across the region.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.00"	0.00"
Fort Stockton	FST	0.00"	0.04"
Guadalupe Pass	GDP	0.00"	0.00"
Midland Int'l	MAF	0.00"	0.04"
Odessa	ODO	0.00"	0.04"
Terrell County	6R6	0.35"	0.00"
Wink	INK	0.00"	T

Precipitation amounts from area AWOS:

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

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

Cope Ranch, Reagan County 0.08"
 Big Lake, Reagan County 0.11"
 Sanderson, Terrell County 0.11"

Bakersfield, Pecos County 0.15"

110 locations reported rainfall for the month of April, for an average of 0.00".

Normal April precipitation for Midland International Airport is 0.73". Total precipitation for Midland International Airport for the year ending May 1st was 0.11", or 2.15" below normal.

With such meager rainfall during April, the drought continues to worsen. As of May 1st, a large swath of West Texas, extending from Valentine to Midland, was in exceptional drought. The rest of West Texas and Southeast New Mexico were in extreme drought.

Reservoir levels across the HSA averaged 39% of conservation capacity as of May 1st.

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	4	5
Colorado City (Mitchell, TX)	45	47
Champion Creek (Mitchell, TX)	17	18
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	72	82
Brantley (Eddy, NM)	56	73
Avalon (Eddy, NM)	45	45
Red Bluff (Reeves, TX)	21	25

Non-Routine Products Issued for April:

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