

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**May**

**2011**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**June 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.

Although La Nina was showing signs of weakening during May, little rainfall was noted across the region. Gulf moisture did begin returning to the region, and models began hinting at the return of the summertime upper ridge, which would make for a dry summer.

Precipitation amounts from area ASOS's:

City	ASOS ID	May	April
Carlsbad, NM	CNM	0.00"	0.00"
Fort Stockton	FST	T	0.00"
Guadalupe Pass	GDP	0.00"	0.00"
Midland Int'l	MAF	0.05"	0.00"
Odessa	ODO	0.00"	0.00"
Terrell County	6R6	0.01"	0.35"
Wink	INK	0.00"	0.00"

Precipitation amounts from area AWOS:

City	ASOS ID	May	April
Alpine	E38	0.00"	0.00"
Artesia, NM	ATS	0.00"	0.00"
Big Spring	BGP	0.15"	0.00"
Gaines County	GNC	0.03"	0.00"
Marfa	MRF	0.00"	0.00"
Midland Airpark	MDD	0.36"	0.00"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	1.08"	0.00"

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

Lees, Glasscock County 0.48  
 Cope Ranch, Reagan County 0.68"

Terlingua, Brewster County 1.01"  
Lenorah, Martin County 1.47"

110 locations reported rainfall for the month of May, for an average of 0.09".

Normal May precipitation for Midland International Airport is 1.79". Total precipitation for Midland International Airport for the year ending June 1<sup>st</sup> was 0.16", or 3.89" below normal.

With such meager rainfall during May, the drought continues to worsen. As of June 1<sup>st</sup>, all of Southeast New Mexico and most of West Texas was in exceptional drought. Only east and southeast Pecos County, as well as central Terrell County, were in extreme drought.

Reservoir levels across the HSA averaged 28% of conservation capacity as of June 1<sup>st</sup>.

<b>Reservoir (County, State)</b>	<b>May Conserv Cap (%)</b>	<b>April Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	4	4
Colorado City (Mitchell, TX)	43	45
Champion Creek (Mitchell, TX)	16	17
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	10	72
Brantley (Eddy, NM)	39	56
Avalon (Eddy, NM)	45	45
Red Bluff (Reeves, TX)	18	21

**Non-Routine Products Issued for May:**

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 0  
Flash Flood Statements (FFS): 0  
Flood Warnings (FLW): 0  
Flood Statements (FLS): 3

**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**