

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**August**

**2011**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**September 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.

Rainfall continued to improved slightly over West Texas and Southeast New Mexico during August, but contributed little to alleviating long-term drought relief for the region.

Precipitation amounts from area ASOS's:

City	ASOS ID	August	July
Carlsbad, NM	CNM	0.14"	0.53"
Fort Stockton	FST	0.45"	0.49"
Guadalupe Pass	GDP	0.38"	0.59"
Midland Int'l	MAF	0.45"	T
Odessa	ODO	1.25"	0.26"
Terrell County	6R6	0.01"	0.00"
Wink	INK	0.23"	0.02"

Precipitation amounts from area AWOS:

City	ASOS ID	August	July
Alpine	E38	0.62"	0.71"
Artesia, NM	ATS	0.14"	0.60"
Big Spring	BGP	0.30"	0.22"
Gaines County	GNC	0.00"	0.04"
Marfa	MRF	0.53"	3.39"
Midland Airpark	MDD	0.19"	0.00"
Pecos	PEQ	0.01"	0.02"
Snyder	SNK	0.39"	0.39"

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

Caprock, Lee County 1.71"  
Lees, Glasscock County 2.07"  
Mount Locke, Jeff Davis County 2.73"

Penwell, Ector County                    2.73"  
 Cope Ranch, Reagan County        3.31"

110 locations reported rainfall for the month of August, for an average of 0.57".

Normal August precipitation for Midland International Airport is 1.77". Total precipitation for Midland International Airport for the year ending September 1<sup>st</sup> was 0.61", or 9.11" below normal.

While rainfall improved somewhat during August, the drought continues. As of September 1<sup>st</sup>, all of Southeast New Mexico and most of West Texas were in exceptional drought. Eastern Jeff Davis, extreme southern Reeves, extreme northern Brewster, and western Pecos Counties had improved to mere severe drought.

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

<b>Reservoir (County, State)</b>	<b>August Conserv Cap (%)</b>	<b>July Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	2	3
Colorado City (Mitchell, TX)	37	38
Champion Creek (Mitchell, TX)	14	13
Natural Dam Salt Lake (Howard, TX)	49	45
Moss Creek (Howard, TX)	60	62
Brantley (Eddy, NM)	18	21
Avalon (Eddy, NM)	36	36
Red Bluff (Reeves, TX)	11	12

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

Flash Flood Watches (FFA): 0  
 Flash Flood Warnings (FFW): 1  
 Flash Flood Statements (FFS): 1  
 Flood Warnings (FLW): 0  
Flood Statements (FLS): 10

**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**