

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**August**

YEAR

**2009**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**September 15, 2009**

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.

Upper level ridging returned to West Texas and Southeast New Mexico during the month of August. Only one flash flood event occurred, on August 11<sup>th</sup>, when thunderstorms developed over Mitchell County, flash flooding roads north of Colorado City and rendering them impassable.

Otherwise, August was quiet.

Precipitation amounts from area ASOS:

City	ASOS ID	August	June
Carlsbad, NM	CNM	0.09"	5.90"
Fort Stockton	FST	1.33"	1.19"
Guadalupe Pass	GDP	0.16"	2.71"
Midland Int'l	MAF	0.12"	6.55"
Odessa	ODO	T	7.67"
Terrell County	6R6	0.37"	0.11"
Wink	INK	0.07"	1.06"

Precipitation amounts from area AWOS:

City	ASOS ID	August	June
Alpine	E38	2.47"	1.09"
Artesia, NM	ATS	0.01"	2.41"
Big Spring	BGP	0.59"	1.71"
Gaines County	GNC	0.91"	2.02"
Marfa	MRF	0.70"	2.03"
Midland Airpark	MDD	0.19"	0.49"
Pecos	PEQ	0.00"	0.01"
Snyder	SNK	0.18"	1.71"

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

Dog Canyon, Culberson County 3.21"  
 West Corazones, Brewster County 3.33"  
 Fort Davis, Jeff Davis County 3.44"  
 Big Bend Ranch, Brewster County 4.05"

95 locations reported rainfall for the month of August, for an average of 1.00".

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 10.56", or 1.14" above normal.

Despite August's benign rainfall, most of the the HSA remains out of drought. Only the northwestern half of Eddy County remains abnormally dry, with the extreme northwest portion in moderate drought.

Reservoir levels across the HSA averaged 38% of conservation capacity at the end of August.

<b>Reservoir (County, State)</b>	<b>August Conserv Cap (%)</b>	<b>June Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	6	7
Colorado City (Mitchell, TX)	62	68
Champion Creek (Mitchell, TX)	22	23
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	65	72
Brantley (Eddy, NM)	38	1
Avalon (Eddy, NM)	38	24
Red Bluff (Reeves, TX)	22	23

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

Flash Flood Watches (FFA): 2  
 Flash Flood Warnings (FFW): 1  
 Flash Flood Statements (FFS): 2  
 Flood Warnings (FLW): 1  
Flood Statements (FLS): 22

**Total Non-Routine Products Issued: 28**

**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**