

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

August

2010

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

September 15, 2010

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.

On August 24th, the first significant late-summer cold front moved into West Texas, spawning heavy rainfall across the Stockton Plateau. Flash flooding in Pecos in Reeves County stranded several motorists. Further southeast...several roadways in and around Fort Stockton in Pecos County, and McCamey in Upton County, flooded as well. This activity later led to notable rises on the Pecos, bringing the river to above action stage in Sheffield-a relative rarity there.

Reservoir releases from Luis Leon in Mexico maintained elevated flows on the Rio Grande from the Rio Conchos confluence downstream, and will continue into September.

Precipitation amounts from area ASOS:

City	ASOS ID	August	July
Carlsbad, NM	CNM	0.66"	5.54"
Fort Stockton	FST	4.20"	3.71"
Guadalupe Pass	GDP	1.04"	3.79"
Midland Int'l	MAF	0.44"	1.85"
Odessa	ODO	1.35"	3.05"
Terrell County	6R6	0.05"	7.58"
Wink	INK	1.59"	2.32"

Precipitation amounts from area AWOS:

City	ASOS ID	August	July
Alpine	E38	0.91"	3.40"
Artesia, NM	ATS	0.23"	0.60"
Big Spring	BGP	0.31"	2.39"
Gaines County	GNC	0.48"	5.14"
Marfa	MRF	2.09"	3.61"
Midland Airpark	MDD	0.26"	0.36"
Pecos	PEQ	2.27"	M
Snyder	SNK	0.67"	2.98"

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

Fort Davis, Jeff Davis County 4.31"
Mount Locke, Jeff Davis County 4.74"
Kent 8SE, Jeff Davis County 5.28"
McCamey, Upton County 8.64"

95 locations reported rainfall for the month of August, for an average of 1.49".

Normal August precipitation for Midland International Airport is 1.77". Total precipitation for Midland International Airport for the year ending September 1st was 14.03", or 4.61" above normal.

Despite August's meager rainfall, all of the HSA remains out of drought.

Reservoir levels across the HSA averaged 33% of conservation capacity at the end of August.

Reservoir (County, State)	August Conserv Cap (%)	July Conserv Cap (%)
JB Thomas (Scurry, TX)	7	8
Colorado City (Mitchell, TX)	53	54
Champion Creek (Mitchell, TX)	19	28
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	58	67
Brantley (Eddy, NM)	39	64
Avalon (Eddy, NM)	31	21
Red Bluff (Reeves, TX)	17	21

Non-Routine Products Issued for August:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 10
Flash Flood Statements (FFS): 12
Flood Warnings (FLW): 0
Flood Statements (FLS): 33

Total Non-Routine Products Issued: 55

**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**