

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH **September** YEAR **2009**

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE J. DeBerry
In Charge of HSA

DATE
October 15, 2009

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 month of September was relatively uneventful hydrologically. Only one significant event was noted.

On September 9th, thunderstorms developed and moved through the Permian Basin, resulting in local urban flash flooding, stalling several vehicles at intersections along I-20 southwest of Midland.

However, near the end of September, the upper level ridge began to break down and the synoptic pattern began transitioning to a fall-like regime, leading to a much more promising October.

Precipitation amounts from area ASOS:

City	ASOS ID	September	August
Carlsbad, NM	CNM	0.11"	0.09"
Fort Stockton	FST	1.20"	1.33"
Guadalupe Pass	GDP	0.90"	0.16"
Midland Int'l	MAF	2.47"	0.12"
Odessa	ODO	2.29"	T
Terrell County	6R6	0.37"	0.37"
Wink	INK	0.34"	0.07"

Precipitation amounts from area AWOS:

City	ASOS ID	September	August
Alpine	E38	1.00"	2.47"
Artesia, NM	ATS	0.30"	0.01"
Big Spring	BGP	0.52"	0.59"
Gaines County	GNC	1.10"	0.91"
Marfa	MRF	0.85"	0.70"
Midland Airpark	MDD	0.56"	0.19"
Pecos	PEQ	0.00"	0.00"
Snyder	SNK	0.54"	0.18"

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

Candelaria, Presidio County 2.12"
Cope Ranch, Reagan County 2.29"
Lamesa, Dawson County 2.85"
Caprock, Lea County 3.13"

108 locations reported rainfall for the month of September, for an average of 1.04".

Normal September precipitation for Midland International Airport is 2.31". Total precipitation for Midland International Airport for the year ending October 1st was 13.03", or 1.30" above normal.

Despite September's benign rainfall, most of the the HSA remains out of drought. Only the northwestern half of Eddy County remains abnormally dry.

Reservoir levels across the HSA averaged 37% of conservation capacity at the end of September.

Reservoir (County, State)	September Conserv Cap (%)	August Conserv Cap (%)
JB Thomas (Scurry, TX)	6	6
Colorado City (Mitchell, TX)	60	62
Champion Creek (Mitchell, TX)	21	22
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	67	65
Brantley (Eddy, NM)	41	38
Avalon (Eddy, NM)	28	38
Red Bluff (Reeves, TX)	22	22

Non-Routine Products Issued for September:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 1
Flash Flood Statements (FFS): 1
Flood Warnings (FLW): 0
Flood Statements (FLS): 11

Total Non-Routine Products Issued: 13

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