

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

October

2011

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

November 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 improve slightly over West Texas and Southeast New Mexico during October, but contributed little to alleviating long-term drought relief for the region. No notable hydrologic events occurred.

Precipitation amounts from area ASOS's:

City	ASOS ID	October	September
Carlsbad, NM	CNM	0.27"	1.65"
Fort Stockton	FST	0.22"	0.69"
Guadalupe Pass	GDP	0.18"	0.87"
Midland Int'l	MAF	1.46"	1.59"
Odessa	ODO	0.47"	0.72"
Terrell County	6R6	1.62"	0.22"
Wink	INK	0.05"	0.64"

Precipitation amounts from area AWOS's:

City	ASOS ID	October	September
Alpine	E38	0.04"	0.97"
Artesia, NM	ATS	0.25"	0.65"
Big Spring	BGP	1.88"	0.24"
Gaines County	GNC	0.31"	1.41"
Marfa	MRF	0.05"	1.24"
Midland Airpark	MDD	0.70"	0.69"
Pecos	PEQ	0.09"	0.40"
Snyder	SNK	M	1.23

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

Crane, Crane County	1.68"
Cope Ranch, Reagan County	2.00"
Lees, Glasscock County	2.14"
Big Lake, Reagan County	2.86"

112 locations reported rainfall for the month of October, for an average of 0.55".

Normal October precipitation for Midland International Airport is 1.77". Total precipitation for Midland International Airport for the year ending November 1st was 3.66", or 9.84" below normal.

While rainfall improved somewhat during October, the drought continues. As of November 1st, all of Southeast New Mexico was in exceptional drought, except for a small area in southeast Eddy and southwest Lea Counties, which was in extreme drought. In West Texas most of the region remained in exceptional drought. Eastern Jeff Davis, extreme southern Reeves, extreme northern Brewster, and southwestern Pecos Counties remained in severe-to-extreme drought. This severe-to-extreme improvement had spread to other portions of the Stockton Plateau and southern Permian Basin. Central Reeves and most of Mitchell Counties improved to extreme drought.

Reservoir levels across the HSA averaged 24% of conservation capacity as of November 1st.

Reservoir (County, State)	October Conserv Cap (%)	September Conserv Cap (%)
JB Thomas (Scurry, TX)	1	2
Colorado City (Mitchell, TX)	33	34
Champion Creek (Mitchell, TX)	12	11
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	45	50
Brantley (Eddy, NM)	17	15
Avalon (Eddy, NM)	36	36
Red Bluff (Reeves, TX)	2	3

Non-Routine Products Issued for October:

Flash Flood Watches (FFA): 5
Flash Flood Warnings (FFW): 1
Flash Flood Statements (FFS): 1
Flood Warnings (FLW): 0
Flood Statements (FLS): 10

Total Non-Routine Products Issued: 17

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