

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

July

YEAR

2010

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

August 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.

The first part of July saw abundant rainfall for Southeast New Mexico and West Texas, but the HSA's wet streak ended during the latter half of July as high pressure aloft built in. However, abundant convection south and west of the region maintained elevated flows on the Rio Grande, bringing Candelaria into flood twice at the end of the month.

Precipitation amounts from area ASOS:

City	ASOS ID	July	June
Carlsbad, NM	CNM	5.54"	1.66"
Fort Stockton	FST	3.71"	3.05"
Guadalupe Pass	GDP	3.79"	0.55"
Midland Int'l	MAF	1.85"	3.97"
Odessa	ODO	3.05"	0.91"
Terrell County	6R6	7.58"	0.29"
Wink	INK	2.32	1.07"

Precipitation amounts from area AWOS:

City	ASOS ID	July	June
Alpine	E38	3.40"	1.99"
Artesia, NM	ATS	0.60"	2.37"
Big Spring	BGP	2.39"	2.04"
Gaines County	GNC	5.14"	0.65"
Marfa	MRF	3.61"	1.59"
Midland Airpark	MDD	0.36"	0.07"
Pecos	PEQ	M	0.01"
Snyder	SNK	2.98"	2.35"

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

Carlsbad Caverns National Park, Eddy County 8.87"

Paduca, Eddy County	9.22"
Queen, Eddy County	10.83"
Sanderson, Terrell County	11.28"

104 locations reported rainfall for the month of July, for an average of 4.63".

Normal July precipitation for Midland International Airport is 1.89". Total precipitation for Midland International Airport for the year ending August 1st was 13.59", or 5.94" above normal.

Due to July's rainfall, all of the HSA remains out of drought.

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

Reservoir (County, State)	July Conserv Cap (%)	June Conserv Cap (%)
JB Thomas (Scurry, TX)	8	7
Colorado City (Mitchell, TX)	54	53
Champion Creek (Mitchell, TX)	28	18
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	67	70
Brantley (Eddy, NM)	64	44
Avalon (Eddy, NM)	21	21
Red Bluff (Reeves, TX)	21	19

Non-Routine Products Issued for July:

Flash Flood Watches (FFA): 15
Flash Flood Warnings (FFW): 16
Flash Flood Statements (FFS): 17
Flood Warnings (FLW): 2
Flood Statements (FLS): 106

Total Non-Routine Products Issued: 156

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