

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

July

2011

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

August 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 improved slightly over West Texas and Southeast New Mexico during July, but contributed little to alleviating long-term drought relief for the region. Only one noteworthy event occurred. On July 22nd, afternoon thunderstorms in the Davis Mountains flash-flooded portions of State Route 166 southwest of Fort Davis with up to 1' of runoff.

Precipitation amounts from area ASOS's:

City	ASOS ID	July	June
Carlsbad, NM	CNM	0.53"	0.01"
Fort Stockton	FST	0.49"	0.00"
Guadalupe Pass	GDP	0.59"	0.64"
Midland Int'l	MAF	T	0.00"
Odessa	ODO	0.26"	0.00"
Terrell County	6R6	0.01"	0.00"
Wink	INK	0.02"	T

Precipitation amounts from area AWOS:

City	ASOS ID	July	June
Alpine	E38	0.71"	0.00"
Artesia, NM	ATS	0.60"	0.40"
Big Spring	BGP	0.22"	0.00"
Gaines County	GNC	0.04"	0.01"
Marfa	MRF	3.39"	0.25"
Midland Airpark	MDD	0.00"	0.00"
Pecos	PEQ	0.02"	0.00"
Snyder	SNK	0.39"	0.72"

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

Gail, Borden County	1.99"
Big Bend Ranch State Park, Presidio County	2.37"
Fort Davis, Jeff Davis County	2.57"
Valentine, Culberson County	2.68"

100 locations reported rainfall for the month of July, for an average of 0.53".

Normal July precipitation for Midland International Airport is 1.89". Total precipitation for Midland International Airport for the year ending August 1st was 0.16", or 7.49" below normal.

While rainfall improved somewhat during July, the drought continues. As of August 1st, all of Southeast New Mexico and most of West Texas were in exceptional drought. Eastern Jeff Davis, extreme southern Reeves, extreme northern Brewster, western and eastern Pecos, and extreme southern Upton Counties had improved to mere extreme drought.

Reservoir levels across the HSA averaged 29% of conservation capacity as of August 1st.

Reservoir (County, State)	July Conserv Cap (%)	June Conserv Cap (%)
JB Thomas (Scurry, TX)	3	3
Colorado City (Mitchell, TX)	38	40
Champion Creek (Mitchell, TX)	13	15
Natural Dam Salt Lake (Howard, TX)	45	49
Moss Creek (Howard, TX)	62	69
Brantley (Eddy, NM)	21	24
Avalon (Eddy, NM)	36	44
Red Bluff (Reeves, TX)	12	15

Non-Routine Products Issued for July:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 2
Flash Flood Statements (FFS): 4
Flood Warnings (FLW): 0
Flood Statements (FLS): 15

Total Non-Routine Products Issued: 21

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