

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

June

YEAR

2012

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

July 15, 2012

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.

June saw the arrival of the faux monsoon, and although rainfall was not as impressive as May, a few hydrological events were noted.

On June 12th, supercellular thunderstorms developed in Lea County, flooding Hobbs with up to 1' of water. The storms then developed into the Permian Basin, where almost 1.5" of rain fell on Odessa in Ector County. Media reported up to 20 vehicles were submerged due to flash flooding, and several high-water rescues were made.

On the 14th, supercells developed again, this time over the Stockton Plateau, flash flooding the south side of Fort Stockton. Multiple residential streets were barricaded due to high water.

Precipitation amounts from area ASOS's:

City	ASOS ID	June	May
Carlsbad, NM	CNM	T	3.11"
Fort Stockton	FST	1.29"	3.59"
Guadalupe Pass	GDP	0.85"	1.83"
Midland Int'l	MAF	0.43"	2.88"
Odessa	ODO	1.42"	2.74"
Terrell County	6R6	0.20"	5.26"
Wink	INK	0.00"	3.20"

Precipitation amounts from area AWOS's:

City	ASOS ID	June	May
Alpine	E38	0.17"	1.76"
Artesia, NM	ATS	0.03"	1.21"
Big Spring	BGP	0.45"	3.00"
Gaines County	GNC	0.64"	2.73"
Marfa	MRF	0.02"	1.72"
Midland Airpark	MDD	0.05"	2.22"
Pecos	PEQ	0.00"	4.38"

Snyder	SNK	1.28"	2.44"
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Some other locations in the HSA that received notable amounts of precipitation for June were:

Gail, Borden County	1.64"
Fluvanna, Scurry County	1.80"
Terlingua, Brewster County	1.82"
Chisos Basin, Brewster County	2.52"

106 locations reported rainfall for the month of June, for an average of 0.62".

Normal June precipitation for Midland International Airport is 1.71". Total precipitation for Midland International Airport for the year ending July 1st was 4.66", or just 1.40" below normal.

Despite to June's relatively scant (compared to May) precipitation, the drought changed little or even improved during the month, As of June 26th, in Southeast New Mexico, most of Eddy and Lea Counties were in extreme drought, with parts of southeast Eddy and Lea Counties in severe or even moderate drought. In West Texas, extreme drought extended from the Diablo Plateau near Van Horn southeast through the Davis and Apache Mountains to the Marfa Plateau, covering most of Culberson and Jeff Davis Counties. The rest of the West Texas was either in severe or moderate drought, and even abnormally dry. Abnormally dry areas included most of Pecos, Ward, and Winkler Counties.

Unfortunately, this drought improvement is likely only temporary. The summertime synoptic upper level ridge has arrived, and precipitation has tapered off.

Reservoir levels across the HSA averaged 24% of conservation capacity as of July 1st:

Reservoir (County, State)	June Conserv Cap (%)	May Conserv Cap (%)
JB Thomas (Scurry, TX)	1	1
Colorado City (Mitchell, TX)	30	32
Champion Creek (Mitchell, TX)	13	13
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	43	45
Brantley (Eddy, NM)	17	36
Avalon (Eddy, NM)	27	36
Red Bluff (Reeves, TX)	12	13

Non-Routine Products Issued for June:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 2
Flash Flood Statements (FFS): 3
Flood Warnings (FLW): 0
Flood Statements (FLS): 13

Total Non-Routine Products Issued: 18

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