

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

June

YEAR

2014

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

July 15, 2014

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 summertime upper ridge began trying to establish in June, but a few events were noted, mainly in the eastern half of the HSA, where more moisture was available.

On June 16th, convection developed over the Stockton Plateau, flooding parts of US Highway 385 south of Fort Stockton in Pecos County.

On the 17th, thunderstorms over the Western Low Rolling Plains again flooded US Highway 385, this time south of Seminole in Gaines County.

On June 18th, storms moved through Midland in Midland County, flooding low-lying areas throughout the city.

Precipitation amounts from area ASOS's:

City	ASOS ID	June	May
Carlsbad, NM	CNM	0.62"	0.64"
Fort Stockton	FST	0.80"	0.06"
Guadalupe Pass	GDP	T	0.04"
Midland Int'l	MAF	0.48"	2.26"
Odessa	ODO	0.52"	0.20"
Terrell County	6R6	1.64"	0.30"
Wink	INK	0.47"	0.43"

Precipitation amounts from area AWOS's:

City	AWOS ID	June	May
Alpine	E38	0.52"	0.05"
Artesia, NM	ATS	0.93"	0.19"
Big Spring	BGP	0.98"	1.73"
Gaines County	GNC	2.18"	0.80"
Hobbs	HOB	0.13"	0.03"
Marfa	MRF	2.91"	0.46"

Midland Airpark	MDD	0.00"	1.20"
Pecos	PEQ	1.03"	0.01"
Snyder	SNK	2.57"	3.45"

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

Gail, Borden County	2.78"
Mt. Locke, Jeff Davis County	3.03"
Lamesa, Dawson County	3.67"
Big Lake, Reagan County	5.50"

92 locations reported rainfall for the month of June, for an average of 1.32".

Normal June precipitation for Midland International Airport is 1.80". Total precipitation for Midland International Airport for 2014 ending July 1st was 3.64", or 2.48" below normal.

Despite June's welcome rainfall, drought conditions have not budged much over the past month over West Texas and Southeast New Mexico. As of June 24th, in Southeast New Mexico, extreme northwest Eddy County remained in extreme drought. Northwest Eddy and northeast Lea Counties remained in severe drought. The rest of Southeast New Mexico ranged from moderate drought to abnormally dry. In West Texas, exceptional drought was developing into extreme northeast Scurry County. Severe drought covered the rest of Scurry, as well as portions of Borden, Dawson, and Mitchell Counties. The rest of West Texas was either in moderate drought, or abnormally dry.

Reservoir levels across the HSA averaged 38.3% of conservation capacity as of July 1st:

Reservoir (County, State)	June Conserv Cap (%)	May Conserv Cap (%)
JB Thomas (Scurry, TX)	1.4	1.1
Colorado City (Mitchell, TX)	25.8	25.8
Champion Creek (Mitchell, TX)	7.3	7.2
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	80.0	80.0
Brantley (Eddy, NM)	61.0	81.0
Avalon (Eddy, NM)	63.0	31.0
Red Bluff (Reeves, TX)	22.0	53.8

Non-Routine Products Issued for June:

Flash Flood Watches (FFA): 3
Flash Flood Warnings (FFW): 12
Flash Flood Statements (FFS): 13
Flood Warnings (FLW): 0
Flood Advisories/Statements (FLS): 58

Total Non-Routine Products Issued: 86

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