

**WFO Midland, Texas**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

**July**

YEAR

**2016**

SIGNATURE

**J. DeBerry**

In Charge of HSA

DATE

**August 15, 2016**

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.

July was fairly uneventful hydrologically, as the upper summertime ridge suppressed convection. No significant hydrologic events were reported.

Precipitation amounts from area ASOS's:

City	ASOS ID	July	June
Carlsbad, NM	CNM	0.34"	0.46"
Fort Stockton	FST	1.05"	3.00"
Guadalupe Pass	GDP	0.40"	2.87"
Midland Int'l	MAF	0.24"	3.16"
Odessa	ODO	0.52"	2.23"
Terrell County	6R6	0.33"	0.62"
Wink	INK	0.23"	3.90"

Precipitation amounts from area AWOS's:

City	AWOS ID	July	June
Alpine	E38	0.53"	1.33"
Artesia, NM	ATS	0.02"	0.40"
Big Spring	BGP	0.08"	0.34"
Gaines County	GNC	0.29"	0.61"
Hobbs	HOB	0.00"	0.07"
Marfa	MRF	1.34"	1.26"
Midland Airpark	MDD	0.61"	0.35"
Pecos	PEQ	0.08"	0.86"
Snyder	SNK	0.71"	3.26"

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

Valentine, Jeff Davis County	2.25"
Paduca, Eddy County	2.28"

Big Bend Ranch State Park, Presidio County 2.63"  
Gail, Borden County 5.48"

99 locations reported rainfall for the month of July, for an HSA average of 0.90".

Normal July precipitation for Midland International Air and Space Port is 1.82". Total precipitation for the airport for the year ending August 1<sup>st</sup> was 7.12", or 0.74" below normal.

Due to lack of rain in July, drought began developing back into West Texas and Southeast New Mexico. As of July 26<sup>th</sup>, in Southeast New Mexico, northeast Eddy County and northwest Lea County were in moderate drought. The rest of Southeast New Mexico was abnormally dry. In West Texas, abnormally dry conditions existed in portions of counties bordering New Mexico. The rest of West Texas remained out of drought.

Reservoir levels across the HSA averaged 50.9% of conservation capacity as of August 1<sup>st</sup>:

<b>Reservoir (County, State)</b>	<b>July Conserv Cap (%)</b>	<b>June Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	65.0	67.4
Colorado City (Mitchell, TX)	24.9	26.4
Champion Creek (Mitchell, TX)	25.3	26.7
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	68.0	73.0
Brantley (Eddy, NM)	51.0	48.0
Avalon (Eddy, NM)	43.0	47.0
Red Bluff (Reeves, TX)	81.1	85.7

**Non-Routine Products Issued for July:**

Flash Flood Watches (FFA): 0  
Flash Flood Warnings (FFW): 3  
Flash Flood Statements (FFS): 3  
Flood Advisories/Statements (FLS): 11  
Flood Warnings (FLW): 0

**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**