

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

August

YEAR

2015

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

September 15, 2015

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.

August was fairly uneventful, largely due to the influence of the upper ridge. Thunderstorms on August 1st flooded some roadways in and around Hobbs, stranding a few vehicles. Later in the month, thunderstorms in the Presidio Valley briefly brought the Rio Grande into flood stage from Candelaria to near Presidio.

Precipitation amounts from area ASOS's:

City	ASOS ID	August	July
Carlsbad, NM	CNM	0.47"	1.29"
Fort Stockton	FST	0.44"	0.62"
Guadalupe Pass	GDP	0.98"	3.46"
Midland Int'l	MAF	1.01"	0.72"
Odessa	ODO	1.04"	0.25"
Terrell County	6R6	0.18"	1.58"
Wink	INK	1.14"	0.03"

Precipitation amounts from area AWOS's:

City	AWOS ID	August	July
Alpine	E38	0.73"	4.36"
Artesia, NM	ATS	1.48"	0.76"
Big Spring	BGP	1.31"	2.20"
Gaines County	GNC	1.21"	0.72"
Hobbs	HOB	0.89"	0.35"
Marfa	MRF	2.01"	4.80"
Midland Airpark	MDD	0.21"	0.12"
Pecos	PEQ	1.01"	0.07"
Snyder	SNK	0.11"	3.93"

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

Tatum, Lea County	2.66"
Mount Locke, Jeff Davis County	3.11"
Valentine, Jeff Davis County	3.21"
Andrews, Andrews County	4.32"

94 locations reported rainfall for the month of August, for an HSA average of 1.26".

Normal August precipitation for Midland International Air and Space Port is 1.84". Total precipitation for the airport for the year ending September 1st was 14.01", or 4.29" above normal.

West Texas and Southeast New Mexico remain out of drought. As of August 25th, in Southeast New Mexico, extreme west Eddy County was abnormally dry. The rest of Southeast New Mexico was normal. In West Texas, all was normal with the exception of southeast Mitchell, eastern Pecos, and southern Upton Counties, which were abnormally dry.

Reservoir levels across the HSA averaged 65.4% of conservation capacity as of September 1st:

Reservoir (County, State)	August Conserv Cap (%)	July Conserv Cap (%)
JB Thomas (Scurry, TX)	76.2	78.6
Colorado City (Mitchell, TX)	30.5	32.3
Champion Creek (Mitchell, TX)	13.8	14.0
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	81.0	71.0
Brantley (Eddy, NM)	100.0+	100.0+
Avalon (Eddy, NM)	100.0+	50.0
Red Bluff (Reeves, TX)	72.7	69.8

Non-Routine Products Issued for August:

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 1
Flash Flood Statements (FFS): 3
Flood Advisories/Statements (FLS): 25
Flood Warnings (FLW): 1

Total Non-Routine Products Issued: 30

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