

NWS FORM E-5 (11-88) (PRES. by NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas	
		MONTHLY REPORT OF HYDROLOGIC CONDITIONS	
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		REPORT FOR: MONTH April	YEAR 2017
		SIGNATURE <p style="text-align: center;">J. DeBerry In Charge of HSA</p>	
		DATE May 15, 2017	

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.

April had several significant weather event, but most were severe in nature. Only one flash flooding event was observed on April 13th, when a supercell flooded many farm roads and low water crossings in eastern Terrell County.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.28"	0.00"
Fort Stockton	FST	1.19"	0.04"
Guadalupe Pass	GDP	0.78"	T
Midland Int'l	MAF	2.48"	0.48"
Odessa	ODO	2.40"	0.65"
Terrell County	6R6	0.97"	0.07"
Wink	INK	0.19"	0.36"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	E38	0.90"	0.03"
Artesia, NM	ATS	0.76"	0.02"
Big Spring	BGP	2.20"	0.07"
Gaines County	GNC	1.85"	0.05"
Hobbs	HOB	2.02"	0.01"
Marfa	MRF	0.86"	T
Midland Airpark	MDD	0.48"	0.31"
Pecos	PEQ	1.28"	1.27"
Presidio	PRS	0.00"	0.14"
Snyder	SNK	1.27"	1.56"

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

Lenorah, Martin County	2.44"
Cope Ranch, Reagan County	2.45"
Andrews, Andrews County	2.60"
Tarzan, Martin County	3.88"

101 locations reported rainfall for the month of April, for an HSA average of 1.30".

Normal April precipitation for Midland International Air and Space Port is 0.65". Total precipitation for the airport for the year ending May 1st was 4.83", or 2.31" above normal.

Due to April showers, drought conditions have improved across the area. In Southeast New Mexico, most of Eddy County west of the Pecos remains abnormally dry. The rest of Southeast New Mexico remains out of drought. All of West Texas is now out of drought.

Reservoir levels across the HSA averaged 57.2% of conservation capacity as of May 1st:

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	60.8	62.0
Colorado City (Mitchell, TX)	45.6	46.8
Champion Creek (Mitchell, TX)	37.9	37.7
Moss Creek (Howard, TX)	70.0	74.0
Brantley (Eddy, NM)	60.0	75.0
Avalon (Eddy, NM)	40.0	40.0
Red Bluff (Reeves, TX)	85.8	87.4

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 2
Flash Flood Warnings (FFW): 2
Flash Flood Statements (FFS): 1
Flood Advisories/Statements (FLS): 15
Flood Warnings (FLW): 0

Total Non-Routine Products Issued: 20

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