

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				REPORT FOR: MONTH April	YEAR 2016
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283				SIGNATURE <p style="text-align: center;">J. DeBerry In Charge of HSA</p>	
				DATE May 15, 2016	

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 was fairly uneventful across West Texas and Southeast New Mexico. Radar estimates that rainfall ranged from 5% or less of normal on the Marfa Plateau to 600% or more of normal over portions of the Low Rolling Plains and southeast Permian Basin.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.37"	T
Fort Stockton	FST	0.91"	0.25"
Guadalupe Pass	GDP	0.46"	0.06"
Midland Int'l	MAF	1.45"	0.34"
Odessa	ODO	0.97"	0.36"
Terrell County	6R6	0.33"	1.87"
Wink	INK	0.98"	0.08"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	E38	0.10"	0.05"
Artesia, NM	ATS	0.37"	0.01"
Big Spring	BGP	0.86"	0.68"
Gaines County	GNC	1.11"	0.21"
Hobbs	HOB	0.03"	0.03"
Marfa	MRF	0.15"	T
Midland Airpark	MDD	0.49"	0.11"
Pecos	PEQ	0.23"	0.06"
Snyder	SNK	3.06"	0.55"

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

Cope Ranch, Reagan County	2.58"
Saint Lawrence, Glasscock County	2.59"
McCamey, Upton County	3.73"
Big Lake, Reagan County	3.83"

98 locations reported rainfall for the month of April, for an HSA average of 1.00".

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 2.27", or 0.28" below normal.

Due to April's rains, drought in West Texas and Southeast New Mexico either didn't change over March, or even improved in some areas. As of April 26th, in Southeast New Mexico, moderate drought remained in western Eddy County. Most of the rest of Eddy County, and the northern half of Lea County, were abnormally dry. The rest of Southeast New Mexico was out of drought. In West Texas, abnormally dry conditions existed mainly in the mountains, from the Guadalupe southeast through the Chisos. Further to the east, where rain has been a bit more abundant, the rest of West Texas was normal.

Reservoir levels across the HSA averaged 54.1% of conservation capacity as of May 1st:

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	69.5	69.8
Colorado City (Mitchell, TX)	26.8	27.0
Champion Creek (Mitchell, TX)	22.4	22.4
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	64.0	63.0
Brantley (Eddy, NM)	60.0	80.0
Avalon (Eddy, NM)	50.0	33.0
Red Bluff (Reeves, TX)	91.2	92.0

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 4
Flash Flood Warnings (FFW): 2
Flash Flood Statements (FFS): 0
Flood Advisories/Statements (FLS): 0
Flood Warnings (FLW): 5

Total Non-Routine Products Issued: 11

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