

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
		REPORT FOR: MONTH April YEAR 2009
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE J. DeBerry In Charge of HSA
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE May 15, 2009

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.

On April 11th, thunderstorms developed along a dryline over the Permian Basin and Western Low Rolling Plains. In addition to tennis ball-sized hail recorded at the Midland International Airport in Midland County, urban flash flooding was reported in the city, where 3-6" of runoff inundated several intersections, as well as the fairgrounds. Further north in Gaines County, flash flooding was reported in Seminole.

On the 16th, a cold front associated with an upper level trough overtook a dryline over the Permian Basin, Western Low Rolling Plains, and Lower Trans Pecos. MPE estimated that over 4.5" of rain fell in isolated areas in the Lower Trans Pecos. In Howard County, a flash flood washed out FM 2230 with 4' of runoff northwest of Big Spring.

These storms carried over into the morning of April 17th, moving northeast into Mitchell County, where flash flooding covered service roads in and around Colorado City.

On the 26th, thunderstorms developed along a dryline extending from the Western Low Rolling Plains to the Lower Trans Pecos. MPE estimated up to 4.2" fell west of Sheffield in Pecos County. In Sheffield, up to 6 inches of water covered some city streets.

Precipitation amounts from area ASOS:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.01"	0.07"
Fort Stockton	FST	0.01"	0.52"
Guadalupe Pass	GDP	T	0.08"
Midland Int'l	MAF	1.19"	0.56"
Odessa	ODO	0.36"	0.23"
Terrell County	6R6	0.11"	1.75"
Wink	INK	0.12"	T

Precipitation amounts from area AWOS:

City	ASOS ID	April	March
Alpine	E38	0.00"	0.73"

Artesia, NM	ATS	0.00"	0.12"
Big Spring	BGP	0.53"	0.33"
Gaines County	GNC	0.61"	0.24"
Marfa	MRF	0.00"	0.32"
Midland Airpark	MDD	0.04"	0.19"
Pecos	PEQ	0.03"	0.02"
Snyder	SNK	0.37"	0.32"

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

Seminole, Gaines County	1.66"
Lees, Glasscock County	3.62"
Cope Ranch, Reagan County	4.20"
Sheffield, Pecos County	4.87"

Normal April precipitation for Midland International Airport is 0.73". Total precipitation for Midland International Airport for the year ending May 1st was 1.19".

Despite April's rainfall, the HSA remains in drought. Areas west of the Pecos and north of the Davis Mountains are in severe drought, whereas all areas east of the Pecos are in moderate drought. West of the Pecos from the Davis Mountains southward fared the best, at abnormally dry.

Average reservoir levels across the HSA averaged 34% of conservation capacity at the end of April.

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	7	7
Colorado City (Mitchell, TX)	67	67
Champion Creek (Mitchell, TX)	21	21
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	64	67
Brantley (Eddy, NM)	1	1
Avalon (Eddy, NM)	30	34
Red Bluff (Reeves, TX)	26	27

Products Issued for April:

Drought Statements (DGT): 1
Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 12
Flash Flood Statements (FFS): 14
Flood Warnings (FLW): 1
Flood Statements (FLS): 6
Hydrologic Outlooks (ESF): 0
Hydrologic Statements (RVS): 30

Total Products Issued: 64

**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**