

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2014

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 15, 2014

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.

April saw no significant hydrologic events, and little precipitation.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.63"	0.25"
Fort Stockton	FST	0.60"	0.24"
Guadalupe Pass	GDP	0.06"	0.21"
Midland Int'l	MAF	0.45"	0.19"
Odessa	ODO	0.44"	0.04"
Terrell County	6R6	0.34"	0.00"
Wink	INK	0.45"	0.02"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	E38	0.15"	0.10"
Artesia, NM	ATS	0.28"	0.06"
Big Spring	BGP	0.07"	0.01"
Gaines County	GNC	0.44"	0.02"
Hobbs	HOB	0.03"	0.02"
Marfa	MRF	0.10"	0.08"
Midland Airpark	MDD	0.22"	0.22"
Pecos	PEQ	1.06"	0.06"
Snyder	SNK	0.13"	0.02"

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

Rio Grande Village, Brewster County 1.00"
Pine Springs, Culberson County 1.08"
The Bowl, Culberson County 1.13"

93 locations reported rainfall for the month of April, for an average of 0.42".

Normal April precipitation for Midland International Airport is 0.65". Total precipitation for Midland International Airport for 2014 ending May 1st was 0.90", or 1.62" below normal.

With scant rainfall for April, drought conditions have deteriorated slightly over the past month over West Texas and Southeast New Mexico. As of April 29th, in Southeast New Mexico, extreme northwest Eddy County remained in extreme drought. Northwest Eddy and northeast Lea Counties remained in severe drought. The rest of Southeast New Mexico ranged from moderate drought to no drought. In West Texas, extreme drought had developed into Mitchell, Reagan, and Scurry Counties. Severe drought covered most of the rest of the Western Low Rolling Plains and Permian Basin. The rest of West Texas ranged from moderate to no drought.

Reservoir levels across the HSA averaged 44.6% of conservation capacity as of May 1st:

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	0.9	1.1
Colorado City (Mitchell, TX)	24.9	25.9
Champion Creek (Mitchell, TX)	6.4	6.8
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	74.0	81.0
Brantley (Eddy, NM)	48.0	81.0
Avalon (Eddy, NM)	109.0	M
Red Bluff (Reeves, TX)	45.1	45.5

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 0

Flash Flood Warnings (FFW): 0

Flash Flood Statements (FFS): 0

Flood Warnings (FLW): 0

Flood Advisories/Statements (FLS): 0

Total Non-Routine Products Issued: 0

**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**