

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2013

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

May 15, 2013

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.

No notable hydrologic events occurred in April, as precipitation was scant.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.04"	T
Fort Stockton	FST	0.13"	0.00"
Guadalupe Pass	GDP	0.01"	0.03"
Midland Int'l	MAF	T	T
Odessa	ODO	T	0.01"
Terrell County	6R6	0.39"	0.00"
Wink	INK	T	T

Precipitation amounts from area AWOS's:

City	ASOS ID	April	March
Alpine	E38	0.35"	0.00"
Artesia, NM	ATS	0.00"	0.03"
Big Spring	BGP	0.00"	0.01"
Gaines County	GNC	0.00"	0.00"
Marfa	MRF	0.39"	0.00"
Midland Airpark	MDD	0.17"	0.00"
Pecos	PEQ	0.00"	0.00"
Presidio	T77	M	M
Snyder	SNK	0.07"	0.03"

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

Sanderson, Terrell County 0.93"
St. Lawrence, Glasscock County 0.47"
Van Horn, Culberson County 0.45"

Cope Ranch, Reagan County 0.40"

105 locations reported rainfall for the month of April, for an average of 0.09".

Normal April precipitation for Midland International Airport is 0.65". Total precipitation for Midland International Airport for 2013 ending May 1st was 1.53", or 0.99" below normal.

Drought conditions have slowly deteriorated over the past month or so. As of April 23th, in Southeast New Mexico, extreme northern Eddy County and the northern half of Lea County were in extreme drought. The rest of these counties were in severe drought to abnormally dry. In West Texas, extreme drought has persisted or developed in the eastern half of the Western Low Rolling Plains, the and the eastern Permian Basin. Western Culberson, Jeff Davis, and northwest Presidio Counties were in severe drought, as were the western half of the Western Low Rolling Plains, portions of the Permian Basin, Stockton Plateau, and Terrell County. The rest of West Texas ranged from moderate drought to abnormally dry.

Reservoir levels across the HSA averaged 28% of conservation capacity as of May 1st:

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	1	1
Colorado City (Mitchell, TX)	32	34
Champion Creek (Mitchell, TX)	8	11
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	49	40
Brantley (Eddy, NM)	24	30
Avalon (Eddy, NM)	42	71
Red Bluff (Reeves, TX)	18	14

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 Statements (FLS): 1

Total Non-Routine Products Issued: 1

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