

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
April 2008

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE
Lora J Mueller
In Charge of HSA
DATE
June 7, 2008

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 flooding occurred within this hydrologic service area.

Midland International Airport finished the month of April below normal again with only 0.51 inches of rainfall. This is 0.22 inches below the climate normal. Much of the rainfall for the entire Hydrologic Service Area (HSA) fell on 4 separate days: the 10th, 24th, 27th, and 28th with the heaviest rainfall on the 10th and 24th as severe weather moved through the north and northeastern Permian Basin. This continues to leave a large portion of the HSA without measurable precipitation further fueling the fire weather concerns across the area as drought continues to impact the area. With the heaviest rainfall in the northeastern portions of the HSA, an RVS was issued for locations along the Colorado River where brief rises were expected on the 24th, but flooding was not expected nor did it occur.

Precipitation amounts from area ASOS:

City	ASOS ID	Monthly Total	Previous Month
Carlsbad, NM	CNM	0.00 inches	0.07 inches
Dryden	6R6	0.00 inches	0.11 inches
Fort Stockton	FST	0.03 inches	Trace
Guadalupe Pass	GDP	0.00 inches	Trace
Midland Int'l	MAF	0.51 inches	0.37 inches
Odessa	ODO	0.25 inches	0.65 inches
Wink	INK	Trace	0.75 inches

Precipitation amounts from area AWOS:

City	ASOS ID	Monthly Total	Previous Month
Alpine	E38	0.03 inches	0.02 inches
Artesia, NM	ATS	0.00 inches	0.03 inches
Big Spring	BGP	0.79 inches	0.33 inches
Gaines County	GNC	0.09 inches	0.02 inches
Marfa	MRF	0.00 inches	0.00 inches
Midland Airpark	MDD	0.54 inches	0.25 inches
Pecos	PEQ	0.00 inches	0.00 inches
Snyder	SNK	1.79 inches	0.71 inches

Average reservoir levels across the HSA averaged 50% of conservation capacity at the end of April.

Reservoir (County, State)	March 2008 Conserv Cap (%)	April 2008 Conserv Cap (%)
JB Thomas (Scurry, TX)	11	11
Colorado City (Mitchell, TX)	87	85
Champion Creek (Mitchell, TX)	25	24
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	78	73
Brantley (Eddy, NM)	83	420
Avalon (Eddy, NM)	29	26
Red Bluff (Reeves, TX)	36	24

Products Issued for April:

Flash Flood Watches: 0
Flash Flood Warnings: 4
Flash Flood Statements: 3
Flood Warnings: 0
Flood Statements: 6
Hydrologic Statements (RVSMAF): 31
Hydrologic Outlooks (ESFMAF): 0

Total Products Issued: 44

cc: email: HIC, SRH, NWS ABQ, NWS EPZ, NWS FWR, NWS LBB,
NWS MAF, NWS SJT, LCRA, TAMU, TCEQ, COE ABQ, IBWC PRD, IBWC ELP, USGS
SJT, USGS CNM