

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH YEAR
February 2007

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

March 4, 2007

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 ended the month of February with below normal precipitation amounts for the first time since November. KMAF finished the month with only 0.14 inches of rainfall which is 0.44 inches below the February normal of 0.58 inches. Much of the measurable rainfall for KMAF fell within the first few days of the month with only one day in the second half recording a Trace. Two days did record snow: February 3 with 0.30 inches and February 14 with a Trace. While several strong systems rolled through the area, they pretty much only brought winds and dust to several locations across the HSA.

Additional precipitation amounts from ASOS/AWOS sites across the area for the month of February:

City	ASOS ID	Monthly Total	Departure from Last Month
Big Spring	BPG	0.11 inches	-0.52 inches
Carlsbad	CNM	0.39 inches	-0.50 inches
Fort Stockton	FST	0.01 inches	-1.67 inches
Odessa	ODO	0.03 inches	-1.00 inches
Snyder	SNK	0.11 inches	-0.44 inches
Dryden	6R6	0.12 inches	-2.04 inches
Wink	INK	0.07 inches	-1.00 inches

Reservoir levels across the Hydrologic Services Area averaged 48% of conservation capacity at the end of February compared to 46% at the end of January. Champion Creek remained the lowest at 12%, where it continues to hold steady from November and Moss Creek remained the highest with a capacity of 77% (which is a 2% drop from January). Two reservoirs continued the upwards trend through February but the remainder either held steady or dropped a bit:

Reservoir (County, State)	January Conserv Cap (%)	February Conserv Cap (%)
JB Thomas (Scurry, TX)	15	14
Colorado City (Mitchell, TX)	76	76
Champion Creek (Mitchell, TX)	12	12
Moss Creek (Howard, TX)	79	77
Brantley (Eddy, NM)	55	62
Avalon (Eddy, NM)	48	56
Red Bluff (Reeves, TX)	37	37

Products Issued:

Flash Flood Watches: 0
Flash Flood Warnings: 0
Flash Flood Statements: 0
Flood Warnings: 0
 River Flood Warnings: 0
 Non-River: 0
Flood Statements: 0
 River Flood Statements: 0
 Non-River: 0
Hydrologic Statements (RVSMAF): 0
Drought Statements (ESFMAF): 4

Total Products: 4

cc: mail: IBWC-ELP, IBWC-PRS, SWFED, USGS-CNM, USGS-SJT
cc: email: HIC, SRH, W/SR2, W/SR3, W/SR-ABQ, W/SR-ELP, W/SR-FWR, W/SR-LBB, W/SR-MAF, W/SR-SJT, LCRA, TAMU, TCEQ, COE ABQ