

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 YEAR February 2009
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE Christopher Daniels
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		In Charge of HSA DATE March 24, 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.

Drought conditions continued across the Midland HSA. A storm system during the beginning of the month brought rainfall to most areas east of the Pecos but did little to alleviate drought conditions.

A potent shortwave trough moved across the region on February 8 bringing with it some early season severe weather. The heaviest rainfall fell across the Permian Basin, Western Low Rolling Plains and the Trans Pecos region. Most areas received between one quarter of an inch and half an inch of rainfall, with isolated areas receiving up to one inch. Most areas west of the Pecos received less than one quarter of an inch of rainfall during this event.

After receiving 0.04 inches of rainfall in January, Midland International airport received 0.22 inches of rainfall in February which is 0.36 inches below the normal value of 0.58. Extended outlooks continue to indicate below normal precipitation and above normal temperatures through the middle of spring.

Precipitation amounts from area ASOS:

City	ASOS ID	February	January
Carlsbad, NM	CNM	0.14 inches	Trace
Fort Stockton	FST	0.22 inches	Trace
Guadalupe Pass	GDP	0.02 inches	0.01 inches
Midland Int'l	MAF	0.22 inches	0.04 inches
Odessa	ODO	0.32 inches	0.02 inches
Terrell County	6R6	0.00 inches	0.00 inches
Wink	INK	0.09 inches	Trace

Precipitation amounts from area AWOS:

City	ASOS ID	February	January
Alpine	E38	0.03 inches	0.00 inches

Artesia, NM	ATS	0.00 inches	0.00 inches
Big Spring	BGP	0.23 inches	0.01 inches
Gaines County	GNC	0.27 inches	0.01 inches
Marfa	MRF	0.00 inches	0.00 inches
Midland Airpark	MDD	0.16 inches	0.02 inches
Pecos	PEQ	0.02 inches	0.00 inches
Snyder	SNK	0.41 inches	0.19 inches

Average reservoir levels across the HSA averaged 40% of conservation capacity at the end of February.

Reservoir (County, State)	February Conserv Cap (%)	January Conserv Cap (%)
JB Thomas (Scurry, TX)	8	8
Colorado City (Mitchell, TX)	68	69
Champion Creek (Mitchell, TX)	21	21
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	81	82
Brantley (Eddy, NM)	1	1
Avalon (Eddy, NM)	67	61
Red Bluff (Reeves, TX)	28	27

Products Issued for December:

Flash Flood Watches: 0
Flash Flood Warnings: 0
Flash Flood Statements: 0
Flood Warnings: 0
Flood Statements: 0
Hydrologic Statements (RVSMAF): 27
Drought Statements: 1
Hydrologic Outlooks (ESFMAF): 0

Total Products Issued: 28

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