

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

February

YEAR

2010

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

SIGNATURE

J. DeBerry

In Charge of HSA

DATE

March 15, 2010

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 significant hydrologic activity was noted throughout the Midland HSA in February.

Precipitation amounts from area ASOS:

City	ASOS ID	February	January
Carlsbad, NM	CNM	1.42"	0.84"
Fort Stockton	FST	0.66"	1.07"
Guadalupe Pass	GDP	0.61"	1.41"
Midland Int'l	MAF	1.53"	1.64"
Odessa	ODO	1.21"	1.76"
Terrell County	6R6	1.26"	1.88"
Wink	INK	1.04"	0.92"

Precipitation amounts from area AWOS:

City	ASOS ID	February	January
Alpine	E38	0.26"	0.93"
Artesia, NM	ATS	0.63"	0.19"
Big Spring	BGP	1.78"	0.67"
Gaines County	GNC	1.48"	1.13"
Marfa	MRF	0.16"	0.95"
Midland Airpark	MDD	1.24"	1.18"
Pecos	PEQ	M	M
Snyder	SNK	2.12"	0.81"

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

Fluvanna, Scurry County 2.74"
 Lenorah, Martin County 2.74"
 Hobbs, Lea County 2.90"
 Lazy H Ranch, Mitchell County 2.93"

Gail, Borden County

2.97"

94 locations reported rainfall for the month of February, for an average of 1.40".

Normal February precipitation for Midland International Airport is 0.58". Total precipitation for Midland International Airport for the year ending March 1st was 3.17", or 2.06" above normal.

Due to February's rainfall, all of the HSA is out of drought. However, Culberson County, western Jeff Davis County, and extreme northwestern Presidio County are abnormally dry in Texas, as is central Eddy County in Southeast New Mexico.

Reservoir levels across the HSA averaged 46% of conservation capacity at the end of February.

Reservoir (County, State)	February Conserv Cap (%)	January Conserv Cap (%)
JB Thomas (Scurry, TX)	5	5
Colorado City (Mitchell, TX)	58	58
Champion Creek (Mitchell, TX)	21	21
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	83	84
Brantley (Eddy, NM)	56	48
Avalon (Eddy, NM)	69	63
Red Bluff (Reeves, TX)	25	24

Non-Routine Products Issued for February:

Flash Flood Watches (FFA): 0

Flash Flood Warnings (FFW): 0

Flash Flood Statements (FFS): 0

Flood Warnings (FLW): 0

Flood Statements (FLS): 2

Total Non-Routine Products Issued: 2

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