

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
	MONTHLY REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH YEAR August 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 October 1, 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.

August was another wet month across the Midland Hydrologic Service Area with Midland International Airport reporting 3.17 inches of rainfall for the month. The normal for August is 1.77 inches. Out of 31 days, 19 saw rain (and many times heavy rain) somewhere in the Forecast Area.

Two noteworthy incidents

- August 2: Record daily rainfall at Midland International Airport with 2.72 inches reported. This beat the old record of 0.38 inches set in 1962
- August 18: Tropical Storm Erin affected portions of the eastern forecast area causing flash flooding across many areas.

Additional precipitation from area ASOS/AWOS:

City	ASOS ID	Monthly Total	Departure from Last Month
Big Spring	BGP	3.68 inches	+2.92 inches
Carlsbad	CNM	2.13 inches	+1.05 inches
Fort Stockton	FST	1.46 inches	-0.27 inches
Odessa	ODO	2.90 inches	+1.18 inches
Snyder	SNK	3.09 inches	+2.41 inches
Dryden	6R6	0.82 inches	-1.15 inches
Wink	INK	3.22 inches	+0.13 inches

Average reservoir levels across the HSA remained at 46% of conservation capacity.

Reservoir (County, State)	July Conserv Cap (%)	August Conserv Cap (%)
JB Thomas (Scurry, TX)	16	18
Colorado City (Mitchell, TX)	83	97
Champion Creek (Mitchell, TX)	15	26
Moss Creek (Howard, TX)	81	78
Brantley (Eddy, NM)	67	47
Avalon (Eddy, NM)	31	25
Red Bluff (Reeves, TX)	30	29

Products Issued:

Flash Flood Watches: 19

Flash Flood Warnings: 34

Flash Flood Statements: 45

Flood Warnings: 37

Flood Statements: 17

Hydrologic Statements (RVSMFAF): 4

Hydrologic Outlooks (ESFMAF): 1

Drought Statements (ESFMAF): 0 -*This product has been temporarily suspended since the area is not currently experiencing drought conditions or impacts.*

Total Products: 157

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, IBWC-PRD, IBWC-ELP, USGS-
SJT, USGS-CNM