

<b>NWS FORM E-5</b> (11-88) (PRES. by NWS Instruction 10-924)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION</b> <b>NATIONAL WEATHER SERVICE</b>	HYDROLOGIC SERVICE AREA (HSA) <b>WFO Midland, Texas</b>
	<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>	REPORT FOR: MONTH                      YEAR <b>August                      2006</b>
TO:      Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE <b>Lora J Mueller</b> In Charge of HSA	DATE <b>September 12, 2006</b>

*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 proved to be a busy month hydrologically for the Midland HSA/CWA. Rain fell and records were broken. 21 out of 31 days had some sort of flood product out for locations within the CWA and an approximate total of flood related products issued was 155. One of the most amazing statistics was the issuance of 16 Flash Flood Warnings on August 14. That particular day was a mirror image of the same date one year prior. On August 14, **2005**, Midland received an abundance of rainfall that resulted in a number of high water rescues; Odessa received no rainfall per storm data reports. On August 14 of this year, Odessa received the rainfall and subsequently had several high water rescues; Midland received no measured rainfall.

Other days of interest were August 1, when roads had to be closed in Big Spring due to water over the roads. On this same date, Midland College had to close off one of the entrances to the college due to high water. On August 5, parts of Interstate 10 through Culberson County had standing water, slowing traffic during the early overnight hours. On August 11, 1.75 inches of rain fell at a New Mexico Coop site just north of Carlsbad leaving 2 feet of water standing in the road in front of his house. On August 13, 2 apartment buildings in Odessa were evacuated due to high water. And water in Fort Stockton was reported to be waist deep in some places. And on the final day of August, the city of Odessa had the Midland WFO issue a Local Area Emergency (LAEMAF) requesting that the citizens of Odessa not travel on roads due to flooding.

On August 31, the old rainfall record was broken when 2.23 inches of rain fell that day. The previous record was 1.42 inches and was set in 1994. The total rainfall at MAF for the month of August was 5.92 inches making August 2006 the wettest on record. Additional rainfall records for the month:

City	ASOS ID	Monthly Total	Departure from Last Month
Big Spring	BPG	3.00 inches	+1.99 inches
Carlsbad	CNM	2.12 inches	+1.47 inches
Fort Stockton	FST	1.58 inches	+1.26 inches
Odessa	ODO	3.29 inches	+2.65 inches
Snyder	SNK	2.24 inches	+1.53 inches
Dryden	6R6	1.47 inches	+0.90 inches
Wink	INK	6.64 inches	+6.17 inches

Reservoir levels across the Hydrologic Services Area averaged 43.29% of conservation capacity at the end of August compared to 40.86% at the end of July. Champion Creek was lowest at 13% and Lake Colorado City was highest at 78% (indicating a 2% drop from July). Despite the recent rainfall amounts, the reservoir levels continued to make a notable decrease over the past month.

**Products Issued:**

Flash Flood Watches: 4  
Flash Flood Warnings: 46  
Flash Flood Statements: 3  
Flood Warnings: 10  
    River Flood Warnings: 9  
    Non-River: 1  
Flood Statements: 90  
    River Flood Statements: 16  
    Non-River: 74  
Hydrologic Statements (RVSMAF): 2  
Drought Statements: 4  
Local Area Emergency (LAEMAF): 1  
**Total Products: 160**

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cc:email: HIC, SRH, W/SR2, W/SR3, W/SR-ABQ, W/SR-ELP, W/SR-FWR, /SR-LBB,  
W/SR-MAF, W/SR-SJT