

<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>
		REPORT FOR: MONTH                      YEAR <b>June                              2008</b>
<b>MONTHLY REPORT OF HYDROLOGIC CONDITIONS</b>		SIGNATURE <b>Lora J Mueller</b> <hr/> In Charge of HSA
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		DATE <b>July 7, 2008</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 river flooding occurred within this hydrologic service area.

During the month of June, an upper level ridge was parked roughly over the Desert Southwest that allowed for several upper level disturbances to move over the Midland Hydrologic Service Area (HSA) in the northwesterly flow. In addition, prevailing southeasterly surface winds allowed for moisture return off the Gulf of Mexico to filter in over the area aiding in increased thunderstorm developments throughout the area. With the increased moisture came heavier rainfall with the thunderstorm developments and many areas, especially across northern portions of the area, experienced localized flash flooding due to heavy rainfall amounts. In addition, locations on area rivers experienced quick rises due to heavy rainfall near the gage sites as well as runoff around the area. Deep Creek at Dunn in Scurry County rose briefly above flood stage on June 18. Other rivers and creeks remained below flood stage throughout the month.

Midland International Airport finished the month of June with 2.02 inches of rainfall which is 0.31 inches above climate normal. This is the first month since November 2007 that rainfall amounts were back above normal. Through May 31, the year-to-date total for MAF was 1.10 inches which was 2.95 inches below normal for the year. While still in a precipitation deficit, the month of June brought yearly totals up to 3.12, which is still 2.64 inches below climate normal through that time period.

**Precipitation amounts from area ASOS:**

City	ASOS ID	June	May
Carlsbad, NM	CNM	0.75 inches	1.23 inches
Fort Stockton	FST	1.21 inches	0.29 inches
Guadalupe Pass	GDP	1.22 inches	0.09 inches
Midland Int'l	MAF	2.02 inches	0.18 inches
Odessa	ODO	1.70 inches	0.20 inches
Terrell County	6R6	2.89 inches	0.57 inches
Wink	INK	1.85 inches	0.37 inches

**Precipitation amounts from area AWOS:**

<b>City</b>	<b>ASOS ID</b>	<b>June</b>	<b>May</b>
Alpine	E38	0.60 inches	0.89 inches
Artesia, NM	ATS	1.79 inches	0.16 inches
Big Spring	BGP	1.20 inches	0.05 inches
Gaines County	GNC	1.03 inches	1.55 inches
Marfa	MRF	0.75 inches*	0.42 inches
Midland Airpark	MDD	0.65 inches	0.08 inches
Pecos	PEQ	1.78 inches	0.61 inches
Snyder	SNK	1.86 inches	1.66 inches

\*Estimate due to gage malfunction

**Average reservoir levels across the HSA averaged 42% of conservation capacity at the end of June.**

<b>Reservoir (County, State)</b>	<b>June Conserv Cap (%)</b>	<b>May Conserv Cap (%)</b>
JB Thomas (Scurry, TX)	9	10
Colorado City (Mitchell, TX)	80	83
Champion Creek (Mitchell, TX)	23	24
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	61	68
Brantley (Eddy, NM)	46	40
Avalon (Eddy, NM)	38	28
Red Bluff (Reeves, TX)	27	31

**Products Issued for May:**

Flash Flood Watches: 0  
Flash Flood Warnings: 8  
Flash Flood Statements: 13  
Flood Warnings: 0  
Flood Statements: 22  
Hydrologic Statements (RVSMAF): 33  
Drought Statements: 2  
Hydrologic Outlooks (ESFMAF): 0

**Total Products Issued: 78**

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