

WFO Midland, Texas

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
 MONTH YEAR
June 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
July 19, 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.

The month of June was another wet month in what is usually a dry period. An upper level shear axis parked itself diagonally across the state of Texas and brought rainfall to the Midland HSA on 18 of the 30 days in June. Due to a very moist airmass in place, localized heavy rainfall seemed to be the norm in many circumstances with flash flooding a problem although severe weather was also very prevalent across the forecast area. Midland International Airport (MAF) received 2.63 inches of rainfall in June; the average is 1.71 inches. At the end of June, MAF had received 13.03 inches of rainfall for the year. This is only 1.77 inches from the annual total of 14.08. With additional rainfall already in July and a persistent moist airmass in place, this annual total could very well be bypassed quickly during the remainder of summer as we head into the monsoon season.

Additional precipitation from area ASOS/AWOS:

City	ASOS ID	Monthly Total	Departure from Last Month
Big Spring	BGP	2.47 inches	-0.59 inches
Carlsbad	CNM	1.10 inches	-2.13 inches
Fort Stockton	FST	1.50 inches	-2.28 inches
Odessa	ODO	2.35 inches	-3.84 inches
Snyder	SNK	2.82 inches	+1.09 inches
Dryden	6R6	1.46 inches	-0.97 inches
Wink	INK	1.64 inches	-2.24 inches

Reservoir levels across the HSA averaged 46% of conservation capacity. This compares to 52% at the end of May. Champion Creek was again the lowest percentage of conservation capacity but remained steady 16% capacity. Moss Creek and Lake Colorado City were both the highest percentages with 84%

Reservoir (County, State)	May Conserv Cap (%)	June Conserv Cap (%)
JB Thomas (Scurry, TX)	17	17
Colorado City (Mitchell, TX)	84	84
Champion Creek (Mitchell, TX)	16	16
Moss Creek (Howard, TX)	81	84
Brantley (Eddy, NM)	84	55
Avalon (Eddy, NM)	22	32
Red Bluff (Reeves, TX)	35	33

Products Issued:

Flash Flood Watches: 0

Flash Flood Warnings: 15

Flash Flood Statements: 18

Flood Warnings: 3

Flood Statements: 27

Hydrologic Statements (RVSMAF): 5

Drought Statements (ESFMAF): 3 - *This product has been temporarily suspended since the area is not currently experiencing drought conditions or impacts.*

Total Products: 134

cc: mail: IBWC-ELP, IBWC-PRS, ACE-FTW, USGS-CNM, USGS-SJT

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