NWS FORM E-5 (11-88) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		HYDROLOGIC SERVICE AREA (HSA)	
(PRES. by NWS Instru	,	WFO Midland, Texas REPORT FOR:	
MONTHLY	REPORT OF HYDROLOGIC CONDITIONS	MONTH	YEAR
		May	2013
TO:	Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230	J. DeBerry In Charge of HSA	
	Silver Spring, MD 20910-3283	DATE June 15, 2013	

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.

Precipitation remained lean during the month, but a couple of noteworthy hydrologic events occurred.

On May 23rd, a mesoscale convective system (MCS) developed and moved southeast through the Western Low Rolling Plains. Flash flooding was reported in and south of Snyder in Scurry County, where high water rescues had to be made. In Gail in Borden County, creeks overflowed their banks into local roadways. In Big Spring in Howard County, numerous roads flooded. One vehicle was even swept off of a road by rushing waters. MPE totals of over 4.5" were estimated in several locations south of Colorado City. A coop observer in Snyder reported 4.5". The track of the MCS and the precipitation it yielded will bring much-needed replenishment to water supply reservoirs in the Colorado River basin.

On the 25th, thunderstorms developed along the dryline and moved throught the Permian Basin. Curb-to-curb street flooding was reported in Midland in Midland County, as well as in Odessa in Ector County.

Precipitation amounts from area ASOS's:

City	ASOS ID	May	April
Carlsbad, NM	CNM	0.11"	0.04"
Fort Stockton	FST	0.55"	0.13"
Guadalupe Pass	GDP	0.06"	0.01"
Midland Int'l	MAF	0.03"	Т
Odessa	ODO	0.57"	Т
Terrell County	6R6	0.19"	0.39"
Wink	INK	0.02"	Т

Precipitation amounts from area AWOS's:

City	ASOS ID	May	April
Alpine	E38	0.32"	0.35"
Artesia, NM	ATS	0.21"	0.00"
Big Spring	BGP	1.05"	0.00"

Gaines County	GNC	0.03"	0.00"
Marfa	MRF	0.34"	0.39"
Midland Airpark	MDD	0.05"	0.17"
Pecos	PEQ	1.04"	0.00"
Snyder	SNK	3.25"	0.07"

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

Cope Ranch, Reagan County	3.11"
Saint Lawrence, Glasscock County	3.51"
Big Lake, Reagan County	3.75"
Gail, Borden County	5.54"

98 locations reported rainfall for the month of May, for an average of 0.82".

Normal May precipitation for Midland International Airport is 1.75". Total precipitation for Midland International Airport for 2013 ending June 1st was 1.56", or 2.77" below normal.

Despite recent rains, drought conditions continue to worsen. As of May 28th, in Southeast New Mexico, northwest Eddy and Lea Counties were in exceptional drought. The rest of these counties were in extreme to moderate drought. In West Texas, exceptional drought had crept into the Western Low Rolling Plains, extending from portions of Gaines County east through Scurry County. Martin County was also in exceptional drought. The rest of the Western Low Rolling Plains, and the northern half of the Permian Basin, were in extreme drought. The rest of West Texas ranged from severe drought to abnormally dry. Brewster and Pecos Counties fared the best, at abnormally dry.

This is the first time since early May 2012 that exceptional drought has returned to West Texas and Southeast New Mexico.

Reservoir levels across the HSA averaged 26% of conservation capacity as of June 1st:

Reservoir (County, State)	May Conserv Cap (%)	April Conserv Cap (%)
JB Thomas (Scurry, TX)	1	1
Colorado City (Mitchell, TX)	32	32
Champion Creek (Mitchell, TX)	10	8
Natural Dam Salt Lake (Howard, TX)	49	49
Moss Creek (Howard, TX)	53	49
Brantley (Eddy, NM)	17	24
Avalon (Eddy, NM)	33	42
Red Bluff (Reeves, TX)	13	18

Non-Routine Products Issued for May:

Flash Flood Watches (FFA): 0 Flash Flood Warnings (FFW): 6 Flash Flood Statements (FFS): 5

Flood Warnings (FLW): 0

Flood Statements (FLS): 8

Total Non-Routine Products Issued: 19

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