

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
 MONTH **April** YEAR **2015**

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
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 Silver Spring, MD 20910-3283

SIGNATURE
J. DeBerry
 In Charge of HSA

DATE
May 15, 2015

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.

With the return of, and tentative strengthening of El Nino, hydrologic activity began to pick up in April.

On the evening of April 12th, an upper-level storm system southwest of Presidio in Presidio County sharpened up a dryline over the mid-HSA. Convection developed along the dryline and moved east, producing very heavy rainfall at times. This was the first bonafide dryline event in recent memory—possibly an effect of a returning El Nino. Flash flooding began in Midland in Midland County, and Odessa in Ector County, flooding numerous urban roadways and stranding vehicles. Flooded roadways, closures, and stranded vehicles were also reported in Gaines, Dawson, Howard, and Mitchell Counties through the afternoon of the 13th. Early in the morning on April 15th, the Colorado River at Colorado City (CDCT2) went into minor flood stage due to drainage from all this activity the previous few days.

Precipitation amounts from area ASOS's:

City	ASOS ID	April	March
Carlsbad, NM	CNM	0.60"	0.70"
Fort Stockton	FST	0.38"	3.74"
Guadalupe Pass	GDP	0.23"	0.83"
Midland Int'l	MAF	1.30"	1.65"
Odessa	ODO	0.97"	1.54"
Terrell County	6R6	1.74"	2.57"
Wink	INK	0.04"	1.44"

Precipitation amounts from area AWOS's:

City	AWOS ID	April	March
Alpine	E38	0.71"	1.83"
Artesia, NM	ATS	0.58"	0.09"
Big Spring	BGP	0.11"	1.66"
Gaines County	GNC	0.98"	0.46"
Hobbs	HOB	0.41"	0.23"
Marfa	MRF	0.49"	1.37"

Midland Airpark	MDD	0.47"	0.28"
Pecos	PEQ	0.12"	1.67"
Snyder	SNK	1.94"	0.75"

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

St. Lawrence, Glasscock County 2.35"
 Caprock, Lea County 2.46"
 Lamesa, Dawson County 2.47"
 Seagraves, Gaines County 2.96"

92 locations reported rainfall for the month of April, for an average of 0.95".

Normal April precipitation for Midland International Airport is 0.65". Total precipitation for Midland International Airport for the year ending May 1st was 5.64", or 3.12" above normal.

Drought conditions continued to improve across West Texas and Southeast New Mexico during April. As of April 28th, in Southeast New Mexico, extreme west Eddy County was abnormally dry. The rest of Southeast New Mexico was out of drought. In West Texas, eastern Scurry and Mitchell Counties, and southeast Terrell County remained in moderate drought. The rest of West Texas was either abnormally dry or out of drought, mostly out of drought.

Reservoir levels across the HSA averaged 48.8% of conservation capacity as of May 1st:

Reservoir (County, State)	April Conserv Cap (%)	March Conserv Cap (%)
JB Thomas (Scurry, TX)	44.0	44.1
Colorado City (Mitchell, TX)	22.6	21.1
Champion Creek (Mitchell, TX)	5.6	5.6
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	55.0	54.0
Brantley (Eddy, NM)	100.0+	100.0+
Avalon (Eddy, NM)	34.0	28.0
Red Bluff (Reeves, TX)	80.3	86.0

Non-Routine Products Issued for April:

Flash Flood Watches (FFA): 3
 Flash Flood Warnings (FFW): 5
 Flash Flood Statements (FFS): 6
 Flood Advisories/Statements (FLS): 18
Flood Warnings (FLW): 1

Total Non-Routine Products Issued: 33

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