NWS FORM E-5 (11-88) (PRES. by NWS Instru	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIC action 10-924) NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Midland, Texas	)
MONTHLY	REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH November	YEAR <b>2016</b>
TO:	Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283	SIGNATURE	
		DATE <b>December 15, 2016</b>	
cover, droughts	ng occurs, include miscellaneous river conditions, such as signs, and hydrologic products issued (NWS Instruction 10-924)	nificant rises, record low stages, ice con	

Synoptic patterns in November continued transitioning to fall across West Texas and Southeast New Mexico. A few thunderstorms near the beginning of the month resulted in minor flooding in the northern Permian Basin and in the upper Colorado River Valley. On November 6<sup>th</sup>, thunderstorms in Mitchell County briefly pushed the Colorado River into minor flood at Colorado City. Otherwise, no other hydrologic events were noted.

Precipitation amounts from area ASOS's:

City	ASOS ID	November	October
Carlsbad, NM	CNM	0.33"	0.19"
Fort Stockton	FST	0.46"	0.41"
Guadalupe Pass	GDP	0.37"	0.05"
Midland Int'l	MAF	2.01"	0.31"
Odessa	ODO	2.53"	0.22"
Terrell County	6R6	0.55"	0.05"
Wink	INK	Т	Т

Precipitation amounts from area AWOS's:

City	AWOS ID	November	October
Alpine	E38	0.26"	0.79"
Artesia, NM	ATS	0.17"	0.34"
Big Spring	BGP	0.27"	0.08"
Gaines County	GNC	1.08"	0.44"
Hobbs	HOB	0.70"	0.00"
Marfa	MRF	0.11"	0.22"
Midland Airpark	MDD	0.14"	0.04"
Pecos	PEQ	0.68"	0.52"
Snyder	SNK	3.87"	0.32"

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

Andrews, Andrews County 3.65" Fluvanna 3WNW, Borden County 3.76" St. Lawrence, Glasscock County 3.95" Gail, Borden County 5.07"

98 locations reported rainfall for the month of November, for an HSA average of 1.58".

Normal November precipitation for Midland International Air and Space Port is 0.69". Total precipitation for the airport for the year ending December 1<sup>st</sup> was 14.77", or 0.77" above normal.

Despite lack of rain in November, drought conditions stayed the same or improved slightly in West Texas and Southeast New Mexico. As of November 29<sup>th</sup>, in Southeast New Mexico, only a small portion of the Guadalupe Mountains in southwest Eddy County was abnormally dry. The rest of Southeast New Mexico was out of drought. In West Texas, extreme eastern Pecos and northeast Terrell Counties were abnormally dry. Otherwise, no drought conditions were noted.

Reservoir levels across the HSA averaged 56.2% of conservation capacity as of December 1st:

Reservoir (County, State)	November Conserv Cap (%)	October Conserv Cap (%)
JB Thomas (Scurry, TX)	65.2	61.7
Colorado City (Mitchell, TX)	48.2	25.6
Champion Creek (Mitchell, TX)	37.5	28.3
Natural Dam Salt Lake (Howard, TX)	48.6	48.6
Moss Creek (Howard, TX)	76.0	79.0
Brantley (Eddy, NM)	72.0	64.0
Avalon (Eddy, NM)	37.0	19.0
Red Bluff (Reeves, TX)	64.9	82.9

## **Non-Routine Products Issued for November:**

Flash Flood Watches (FFA): 0
Flash Flood Warnings (FFW): 0
Flash Flood Statements (FFS): 0
Flood Advisories/Statements (FLS): 16

Flood Warnings (FLW): 1

**Total Non-Routine Products Issued: 17** 

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