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HYDROLOGIC RESPONSIBILITIES AT WFOs WITHOUT SERVICE HYDROLOGIST

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Date

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1. Purpose: The purpose of this supplement is to define responsibilities of the primary individuals involved with management of the hydrology program of a Weather Forecast Office (WFO) which does not have a Service Hydrologist (SH). These individuals include:

- An office with Hydrologic Service Area (HSA) responsibility and without an on-station Service Hydrologist.
- The Service Hydrologist who supports a remote office.

2. Background: In Central Region, as with other NWS regions, staffing resources do not permit a Service Hydrologist position at each WFO. For those offices without an on-station Service Hydrologist, a Service Hydrologist at an adjacent office has responsibility to support the remote office. The following table shows the offices which do not have a resident Service Hydrologist and the location of the Service Hydrologist who provides remote support:

OFFICE WITHOUT SH	OFFICE PROVIDING SUPPORT
PUB Pueblo	BOU Boulder
ABR Aberdeen	FSD Sioux Falls
LBF North Platte	UNR Rapid City
GID Hastings	OAX Omaha
GLD Goodland	DDC Dodge City
TOP Topeka	EAX Pleasant Hill
DLH Duluth	MPX Chanhassen
GRB Green Bay	MKX Milwaukee
ARX La Crosse	DMX Des Moines
ILX Central Illinois	LOT Chicago
MQT Marquette	GRR Grand Rapids
APX Gaylord	DTX Detroit
CYS Cheyenne	RIW Riverton

3. Responsibilities: The following defines responsibilities for offices without a local Service Hydrologist and the Service Hydrologist that supports that office. These responsibilities may be modified by mutual agreement of the two affected MICs. The two MICs will develop an annual travel plan for the Service Hydrologists for visits to the WFO that has no Service Hydrologist.

Responsibilities of the MIC without a resident Service Hydrologist:

- ▶ Assigns a single individual to be a primary regional and Service Hydrologist contact concerning hydrologic matters in the Hydrologic Service Area (HSA) (will be referred to as the Hydrology Focal Point).
- ▶ Ensures training is provided to appropriate staff on hydrologic systems and procedures (e.g., River Product Formatter).
- ▶ Ensures adequate support to local water-related users in consultation with the supporting Service Hydrologist.
- ▶ Minor E-19 updates are prepared when necessary.
- ▶ Ensures assistance to Service Hydrologist conducting hydrologic field work in HSA.
- ▶ With the help of a Service Hydrologist, ensures currency of forecast and data point information.
- ▶ Ensures preparation of flood reports and monthly reports of river conditions for the HSA.
- ▶ With the help of a Service Hydrologist, ensures the development of the station Hydrologic Services Manual.

Responsibilities of the Service Hydrologist to remotely supported HSA office:

- ▶ Serves as primary consultant to remote MIC and HFP regarding management of the hydrology program.
- ▶ Serves as primary training resource to remote HSA for:
 - Station hydrologic systems and procedures
 - Basic operational hydrology.
- ▶ Serves as primary representative of remote WFO to water-related interests at Federal and State level.
- ▶ Establishes new E-19s and performs major updates to existing E-19s, including hydrologic field work, for the remote HSA.

- ▶ In coordination with the RFC, remote MIC and CRH, defines new forecast points and hydrologic model parameters in WFO hydrologic forecast products for remote HSA office.