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APPLICABLE TO NWSI 10-924***

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Operations and Services

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CENTRAL REGION HYDROLOGY REPORT DATABASE - HYDROFORMS

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

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SUMMARY OF REVISIONS: This supplement supersedes National Weather Service Central Region Supplement 09-2007 applicable to NWSI 10-924, dated October 28, 2019.

1. Updated content to clarify and reflect current processes and procedures for submitting reports.
2. Removed the detailed naming convention explanation, which has been added to the HydroForms documentation instructions.
3. Updated links to point to the current HydroForms interface and instructions.

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Date

Central Region Hydrology Report Database - HydroForms

Table of Contents	Page
1. HydroForms.....	2
2. E3 and E5 Reports.....	2
3. E19 and E19a Submission and Updates.....	3
4. Hydrologic Activities Report.....	3
5. Other Uses for HydroForms.....	3

1. HydroForms

HydroForms is an interface that is managed at Central Region Headquarters (CRH) which allows Hydrology Program Managers (HPMs) to upload Weather Service (WS) Forms E-3: Flood Stage Report, E-5: Monthly Report of Hydrologic Conditions, E19 and E19a: Reports on River Gage Station, and the optional Hydrology Activity Reports to a central database. Central Region HPMs will submit all hydrologic reports through the HydroForms interface.

The HydroForms instructions and submission interface are linked from the Central Region Hydrology Google Sites page (under Program/Data Management Tools.)
<https://sites.google.com/noaa.gov/nws-crh-services/hydro>

When a report is being submitted, the HPM or designee has the option to send the report to anyone within NOAA through the submission interface. CRH Hydro will automatically be notified and in the case of E19 and E19a’s, the appropriate RFC will also be notified.

2. E3 and E5 Reports

The E3 report documents river flood crest information throughout a calendar month. The E5 report summarizes hydrologic conditions that occurred during a calendar month across the Hydrologic Service Area (HSA).

E3 and E5 reports are to be sent monthly, by the 15th of the following month through the HydroForms interface. NWS offices may view and save their own reports, as well as other office’s reports through this interface.

3. E19 and E19a Submission and Updates

The E19 report includes Hydrologic Database information for a gage location. The E19a is an abbreviated version of the E19. When submitting or updating an E19 or E19a, reasoning should be provided to document why the report is being submitted. This communication is important from the WFO to the RFC to ensure the RFC is aware of any changes that have been made to the Hydrologic Database.

While notification of E19 and E19a submissions will be provided to CRH Hydrology staff and the appropriate RFCs, it is also recommended for E19 and E19a reports to be shared with backup offices for their awareness of changes.

4. Hydrologic Activities Report

The Hydrologic Activities Report is a monthly summary describing the HPM's activities and accomplishments for that month. HPMs are strongly encouraged to create and submit this optional report, which helps to inform office managers and CRH of the WFO's Hydrology Program activities

5. Other Uses for HydroForms

HPMs can use the HydroForms interface as a resource database for searching archived reports, which may be used to obtain information from past events, fulfilling public and partner requests, service assessments, etc.

Monthly report templates are available from the HydroForms documentation.