

NATIONAL WEATHER SERVICE POLICY DIRECTIVE 80-7
September 26, 2007

Science and Technology

River Forecast Center Development Management

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Certified by: W/OHD (G. Carter)

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SUMMARY OF REVISIONS: This directive supersedes NWSPD 80-7 “River Forecast Center Development Management” dated August 25, 2003. The revisions are: (1) Replaced obsolete performance measure with current procedure to measure effectiveness. (Section 4)

1. The Office of Hydrologic Development (OHD) develops and delivers valued science, software, and information for river forecasting used by all of the National Oceanic and Atmospheric Administration’s National Weather Service (NWS) offices, including the river forecast centers (RFC). RFC personnel develop additional hydrologic science and software techniques to augment the national hydrologic suite. This directive addresses the management oversight for this distributed development by the OHD’s RFC Development Management (RDM) program.
2. The objectives of the OHD RDM program are to manage and prioritize science and software development among RFCs to ensure the efficient and economical use of NWS resources to support the Hydrologic Services Program.
3. This directive establishes the following authorities and responsibilities:
 - 3.1 OHD will:
 - a. Manage the RDM program.
 - b. Establish RFC development policy and procedures.
 - c. Work with the Office of Climate, Water, and Weather Services (OCWWS) and regional headquarters to identify and prioritize potential RFC development projects.
 - d. Work with appropriate NWS offices to integrate completed RDM projects into national programs.
 - e. Contribute resources to RDM projects when feasible.

f. Track and report progress on RDM projects.

3.2 OCWWS will:

- a. Gather requirements for needed hydrologic science and software development.
- b. Coordinate the prioritization of requirements for the Hydrologic Services Program.
- c. Contribute resources to RDM projects when feasible.

3.3 Office of Science and Technology will:

- a. Work with OHD to incorporate RDM project results into national programs.
- b. Contribute resources to RDM projects when feasible.

3.4 National Centers for Environmental Prediction will:

- a. Contribute resources to RDM projects when feasible.

3.5 Regional headquarters will:

- a. Ensure RFC development projects follow established policies and procedures.
- b. Contribute resources to RDM projects when feasible.

3.6 RFCs will:

- a. Follow established procedures for RFC development projects and other local development.
- b. Contribute resources to RDM projects when feasible.

4. Performance Measures

- a. National RDM team results and recommendations are tracked as they make their way into operations using NWS standard service improvement processes.

5. This policy directive is supported by the references and glossary of terms listed in Attachment 1.

signed September 12, 2007
John L. Hayes Date
Assistant Administrator for Weather Services

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

NWS Instruction 80-701, *River Forecast Center Development Management Process*.
NWS Instruction 80-702, *Process for Developing and Sharing River Forecast Center Applications*.

Terms

Hydrologic science - Science which includes the disciplines of hydrology, hydraulics, hydrometeorology.