



MILE HIGH FLOOD DISTRICT

2480 W. 26th Avenue, Suite 156B Denver, CO 80211

303-455-6277, FAX 303-455-7880, www.mhfd.org

An Equal Opportunity Employer

Protecting people, property, and our environment through preservation, mitigation, and education.

FLOOD WARNING MANAGER

Description:

This is a full-time, exempt position as a Flood Warning Manager with the Mile High Flood District (MHFD). This position performs a variety of field and office duties that relate primarily to flood emergency preparedness, managing the regional flood warning system and being the District's emergency communication manager, which involves extensive contact with government officials, emergency management/response agencies, the news/social media and staff.

Duties and Responsibilities:

- Oversee meteorological and hydrological services, technologies and communications to provide staff and other government agencies current and forecasted conditions related to rainfall, stream flow, and flooding.
- Lead training and outreach efforts to staff and local governments related to MHFD Flood Warning resources and services.
- Manage development of planning documents including emergency action plans.
- Using MHFD resources, work with a team to identify critical areas to watch and notifications to trigger action needed preceding and during a flood event.
- Translate rain and stream gauge data to provide information needed for flood preparedness. Work with local governments to determine triggers for action.
- Identify areas in need of additional data to inform hydrology or improve flood warning infrastructure.
- Establish communication paths and build key relationships between various staff members, government contacts, and others.
- Build strong relationships with key federal contacts including the National Weather Service to share information, understand roles, and inform MHFD work products.
- Provide constant communication with staff to evaluate potential impacts and opportunities for flood warning and conveyance infrastructure following flood events and during projects.
- Oversee updates to flood warning tools and coordinate changes with Watershed teams.
- Manage MHFD resources during an active flood to ensure all communications are functioning and local governments and staff are informed as needed.
- Manage website resources to ensure flood warning tools and information are discoverable.
- Evaluate potential research and development of advanced equipment, flood warning methodologies, and connections to mapping/data collection.
- Work with a team to document and reconstruct flood events to inform future events and hydrologic methods.
- Work with a team to document lessons learned post-flood to inform future improvements and MHFD criteria.
- Assist Watershed teams with post-flood activities including documentation required by FEMA.
- Manage the collection, use, access, and archiving of all flood warning data to create models, understand changes in rainfall over time, and identify trends in intensity/duration/frequency.
- Perform other duties as assigned.

Key Competencies:

- Extensive knowledge of hydrology, hydraulics, and modeling.
- Working knowledge of climate science, meteorology, emergency management, and incident command systems.
- Ability to apply such knowledge and concepts to specific problems and strategic planning.
- Excellent communication skills including the ability to deliver technical information with detail catered for a public audience.
- Ability to work effectively and cooperatively with members of the staff, other governmental agencies, the news media, and the public.
- Ability to build strong relationships and provide leadership under pressure.
- Working knowledge of the technical and practical aspects of engineering planning, design, construction, and project supervision.
- Working knowledge of voice and data communication requirements for flood detection/warning systems and operations.
- Ability to direct and supervise the work of consultants and contractors.
- Demonstrated interest and ability in maintaining technical proficiency and engaging in related external organizations.

Minimum Qualifications:

- Bachelor's Degree in Civil Engineering or other relevant branch of engineering
- Colorado-licensed Professional Engineer
- Eight years' experience in responsible engineering and management with a consulting engineering firm or public agency, or the equivalent experience. A master's degree may be substituted for one year of experience
- Completed Level 1 FEMA Emergency Management Training is desired

Availability and Salary:

- Immediate Opening
- Compensation Range: \$97,000 - \$130,000 (Compensation will commensurate with experience)
- Application Closing Date: Until Filled

Contact:

Send cover letter and resume to Amelia Deleon, Human Resources Director, adeleon@mhfd.org.

Last revised: December 2021