



Position: Broadcast Meteorology Internship

Reports to: Summit Weather Operations Manager and Communications Manager

Updated: January 2026

Job Summary

Mount Washington Observatory (MW OBS) is a nonprofit, member-supported research and educational institution that has operated a weather station on the summit of the Northeast's highest peak for over 90 years. MW OBS operates multiple broadcast partnerships and produces a range of public-facing weather content in addition to active media outreach. Broadcast meteorology interns have the unique opportunity to expand MW OBS's forecasting and weather-focused content production for a range of radio and digital media platforms, while collaborating with our meteorology and communications staff.

While interns will work primarily from MW OBS's North Conway Administrative Offices, they will also complete multi-day summit rotations on Mount Washington as part of their training. Interns will support high-impact weather documentation, media coordination, content production, and post-event analysis. Opportunities for professional development and career advancement exist within this position through direct engagement with MW OBS staff, media partners, and academic collaborators.

To be considered for this six-month position, which is scheduled to begin in May 2026, applicants should send an email to jobs@mountwashington.org and include a cover letter, resume, and demo reel, audio clip, or recorded segment demonstrating clear communication of weather concepts. Please reference "Broadcast Meteorology Internship" in the subject line.

Primary Duties and Responsibilities

The intern's main goals will be directed toward competency in public weather communications, operational forecasting support, storytelling and production of audience-ready content, and effective coordination with weather operations and communications staff.

Broadcast and communications responsibilities include:

- Working a full work day while on duty, including attending weekly coordination meetings, recording hours, and setting or revising personal goals with staff.
- Supporting the production and delivery of daily radio forecasts for our clients, including statewide, regional, seasonal, and recreational forecast products.
- Creating and delivering video forecast segments, including seasonal outlook videos, statewide/regional forecast updates, recreational forecast segments (e.g., hiking, skiing, foliage, boating), and notable or high-impact weather forecast updates or human-interest pieces.
- Producing digital content for MW OBS platforms, including website updates, written blog posts, and social media.
- Creating short-form audio or video content for public education, outreach, and partner distribution.
- Developing, refining, and ultimately producing personal-style weather segments (e.g., "What I'm Watching This Week" and "Weather Breakdown," etc.) for social media or media partners.
- Supporting media interviews, public information requests, and events.
- Assisting in identifying and proposing new broadcast products, digital outreach tools, or media opportunities.

Summit coordination and event coverage responsibilities include:

- Participating in daily summit coordination calls to align messaging, discuss weather patterns, and receive operational updates.
- Completing two summit shift weeks (or approximately 16 days) as part of training and high-impact weather coverage, subject to bunk availability.
- Assisting staff during significant or high-impact storm events, including documentation through photography, video, written or recorded audio and video event summaries, on-camera or voice-over segments, coordination of media inquiries, and appearing on camera.
- Contributing to post-event analyses with summit observers for operational and public educational use.
- Producing summit-focused outreach content during rotations (e.g., event breakdowns, “Inside the Observatory” and “What are the Observers up to” segments).
- Supporting development of multimedia materials that highlight summit weather phenomena.

Training, Outreach, and Institutional Support responsibilities include:

- Participating in structured training provided by MWOBS staff and broadcast media partners.
- Taking part in training workshops and opportunities through our partners and elsewhere.
- Delivering content for development and media outreach with direction from communications staff.
- Other duties as needed and assigned.

Education and Experience

Applicants should have, or be in active pursuit of, an undergraduate or graduate degree in broadcast meteorology, meteorology, atmospheric science, climate science, communications, or a related discipline. Applicants must demonstrate prior experience producing weather-related audio and video segments, either through coursework, student media, internship experiences, or personal projects.

Knowledge, Skills, and Abilities

- Ability to convey weather information clearly and concisely in written, audio, and video formats.
- Experience producing weather forecast segments, explainers, or related audio/video content.
- Competence in analyzing weather charts, model data, and observational products.
- Strong organizational skills and ability to work independently on deadlines.
- Comfortable using or learning software platforms, including audio/video recording tools.
- Willingness to work flexible and sometimes early/late hours depending on forecast schedules.
- Ability to participate in multi-day summit rotations in close living quarters and extreme weather conditions.
- Excellent written and verbal communications skills.
- Highly detail-oriented, focused, and goal-oriented with a high level of initiative and energy.

Work Environment

This position will be based in the North Conway Administrative Offices, including work in a dedicated recording and production space within the Weather Operations Center. Interns will also spend the required time on the summit of Mount Washington during multi-day rotations for training and high-impact weather support. Travel between the valley and summit will be required.

Benefits

All MWOBS internships are supported by a stipend designed to offset travel, housing, and living costs. Stipend levels vary based on internship length and resources available through MWOBS and partner organizations.

Employment at Will

This job description does not constitute an employment agreement between MWOBS and employee and is subject to change as needs evolve.