



JOB ANNOUNCEMENT No. 07-387-9461

DATE POSTED: 12/31/07

DEADLINE TO APPLY: 01/14/08

JOB TITLE Meteorologist
FERC STANDARDS OF CONDUCT CLASSIFICATION ... Unclassified
LOCATION..... Corporate Headquarters, Boise, ID
ANNUAL RATE \$61,859–\$77,355

The individual selected will be placed in a level of the job based on his/her qualifications.

JOB SUMMARY

The Meteorologist is responsible for preparation of specialized weather forecast products for use in stream-flow forecasting, energy-load forecasting, and cloud seeding. He or she is also responsible for the operation of Idaho Power Company’s (IPC) weather modification program.

EXAMPLES OF DUTIES

The following is a representative list—other duties may be required.

- Produces real-time, short- and long-term weather forecasts for support of weather modification efforts and for use in stream-flow and power-load forecasts. Produces weather forecasts for use in hourly, daily, and seasonal energy-load forecasts.
- Operates a large-scale weather modification program, including occasional servicing and maintenance of the associated equipment. Applies surface, radar, satellite, upper air observations, and data and numerical guidance products to support weather modification efforts as needed.
- Performs authorized research activities. Provides occasional, short-term oversight of contractors and their personnel to represent IPC interests.
- Conducts tours and represents IPC’s cloud seeding and meteorological interests with a wide range of audiences.

BASIC REQUIREMENTS

Education..... Bachelor’s degree in meteorology, atmospheric physics, or related science, **OR** a combination of education and experience (e.g., military) that will provide a similar basis of knowledge, skills, and abilities to support the necessary job functions.

Experience Five years experience in operational forecasting meteorology. Experience in mesoscale meteorology.

Licenses/Certifications..... Valid driver’s license.

KNOWLEDGE, SKILLS, ABILITIES, COMPETENCIES, AND OTHER QUALIFICATIONS

Knowledge..... Applied meteorology, climatology, long-term forecasting, snow and river system hydrology, effects of orographics on summertime convective and wintertime weather systems, snow pack measurements, and analysis used in temperature and quantitative precipitation forecasting.

Skills..... Organization, planning, and time management, and teamwork with other interdisciplinary professionals; weather analysis and forecasting; communication.

Abilities Produce short-term and long-term weather forecasts, including Quantitative Precipitation Forecasts (QPF).

- Competencies**..... Customer focus; decision making; information monitoring; adaptability; stress tolerance; communication; building strategic working relationships; continuous learning.
- Licenses/Certifications**..... DOT medical card or ability to obtain one within 30 days date of employment.
- Physical Ability**..... This job is approximately 10% field, 90% office. The position requires bending, stooping, squatting, twisting, kneeling, reaching, balancing; occasionally lifting knee-high and waist-high up to 100 lbs; rarely lifting shoulder height and above up to 50 lbs; ascending/descending hillsides; ascending/descending towers to platforms approx 25 ft. off the ground; getting into and out of boats, vehicles, snowmobiles; vehicle and/or boat operations; riding snowmobiles. The field work may include long hours in outdoor adverse weather conditions. Applicant must be able to perform the essential functions of the job without posing a direct threat of harm to self, others, or property. **The applicant must successfully pass a pre-employment, post-offer Functional Capacity Assessment (FCA).**

ADDITIONAL REQUIREMENTS

Ability and willingness to be flexible and work long, often irregular, hours. If medical card is not obtained within specified 30-day time frame, corrective action, up to and including termination, may result.

PREFERRED EDUCATION, TRAINING, AND EXPERIENCE

Lack of any qualification listed may not exclude an individual from consideration.

- Education**..... Master's degree in meteorology, atmospheric physics, or related science.
- Experience**..... Three years experience conducting winter weather modification operations and applying related research to forecasting QPFs in mountainous terrain.
- Knowledge**..... Familiarity conducting weather modification operations. Western U.S., Northwest, Columbia Basin forecasting. Instrumentation, specialized sensors, advanced weather analysis and forecasting techniques, remote sensing, and river and snow hydrology. Familiarity with state and federal statutes and regulations pertaining to the operation and maintenance of weather modification projects, including all applicable Idaho, NOAA, DOT, and hazardous materials regulations.
- Abilities** Independently produce short-term and long-term weather forecasts, including QPFs. Operate a state-of-the-art weather modification program using aircraft and remote ground generators with minimal supervision. Acquire and use atmospheric data sets, models, and products to produce detailed mesoscale meteorological analyses and forecasts in support of specialized weather modification activities and meteorological applications as they relate to IPC concerns; and meet both fixed and irregular time constraints.
- Licenses/Certifications**..... Certification by the Weather Modification Association as an Operator.

APPLICATION PROCESS

Submit the appropriate form and any additional information (e.g., training records, résumé, etc.) to Human Resources.

- External Applicant** Idaho Power Company will not provide sponsorship for obtaining an employment visa, such as an H-1B visa. Submit an Idaho Power *Employment Application*, available at www.idahopower.com.
- Internal Applicant** Submit a *Position Consideration Request*, available on *The Spillway*.