HYDROLOGIST

Posting ID: EM1861158F
Company: National Oceanic and Atmospheric Administration
Company Website: http://www.noaa.gov/
Position Type: Full-Time
Salary: $44,767 to $103,234 per year
College Major(s): Civil Engineering (CEE)
College Level(s): Graduate Student, Alumni

Work Location: Sacramento, CA

OVERVIEW

This position is located in the National Weather Service (NWS), Western Region, River Forecast Center (RFC) and is for one vacancy located in Sacramento, CA.

This position is also announced under vacancy number NWS-WR-2018-0154, which is open to all US Citizens or Nationals. You must apply to both announcements if you want to be considered for both.

If you are selected for a position with further promotion potential, you may be noncompetitively promoted if you perform successfully and if recommended by management.

● A one year probationary period may be required.
● Payment of relocation expenses is authorized.
● This position is in the bargaining unit.
● May be required to work rotational shifts.

Closing date: 07/24/2018

Roles and Responsibilities

As a Hydrologist, you will perform the following duties:

● Perform daily hydrologic forecast functions including short range forecasting of flow, velocity and stage including during high water and flood events, and long range forecasting to include spring snowmelt, flood outlooks and river volume.
● Collect, analyze, disseminate, and manage networks of basic water resource data such as information on reservoir and lake storage, groundwater levels, and surface and groundwater quality.
● Develop, modify, and utilize applicable state-of-the-art computer hardware and software components in the preparation of studies of hydrological events and problems.
● Represent hydrologic and water resource programs at public and interagency meetings and help resolve hydrologic related issues.
Education and Qualifications

Conditions of Employment

- Must be a U.S. Citizen or National to apply.
- Required to pass a background investigation and fingerprint check.
- Must be suitable for Federal employment.
- Must be registered for Selective Service, if applicable (www.sss.gov).
- Time-in-grade/band must be met by closing date of announcement.

College Transcript: If you are qualifying based on education, submit a copy of your college transcript that lists college courses detailing each course by the number and department (i.e., bio 101, math 210, etc.), course title, number of credit hours and grade earned. You must submit evidence that any education completed in a foreign institution is equivalent to U.S. education standards with your resume. You may submit an unofficial copy of the transcript at the initial phase of the application process. If course content cannot be easily identified from the title of the course as listed on your transcript, you must submit an official course description from the college/university that reflects the content at the time the course was taken.

Note: Your college transcript is used to verify successful completion of degree, or college course work. An official college transcript will be required before you can report to duty.

Applicants must meet ALL application requirements, to include a complete online resume, by 11:59 p.m. EASTERN TIME (ET) on the closing date of this announcement.

CONDITIONS OF EMPLOYMENT: Work is primarily sedentary, but may involve rotating shifts.

Qualifications
Qualification requirements in the vacancy announcements are based on the U.S. Office of Personnel Management (OPM) Qualification Standards Handbook, which contains federal qualification standards. This handbook is available on the Office of Personnel Management's website located at: http://www.opm.gov/qualifications.

BASIC REQUIREMENTS: This position requires applicants to meet a Basic Education Requirement in addition to at least one year of specialized experience OR substitution of education for experience OR combination (GS-07, GS-09 and GS-11 only) in order to be found minimally qualified. You MUST meet one of the following basic education requirements:

A. Degree: physical or natural science, or engineering that included at least 30 semester hours in any combination of courses in hydrology, the physical sciences, geophysics, chemistry, engineering science, soils, mathematics, aquatic biology, atmospheric science, meteorology, geology, oceanography, or the management or conservation of water resources. The coursework must have included at least 6 semester hours in calculus (including both differential and integral calculus), and at least 6 semester hours in physics. Calculus and physics, as described above, are requirements for all grade levels.

OR

B. Combination of education and experience -- coursework as shown in A above, plus appropriate experience or additional education.
Applicants must possess one year of specialized experience equivalent in difficulty and responsibility to the next lower grade level in the Federal Service. Specialized experience is experience that has equipped the applicant with the particular competencies/knowledge, skills and abilities to successfully perform the duties of the position. This experience need not have been in the federal government.

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations e.g., professional; philanthropic, religious; spiritual; community, student, social). Volunteer work helps build critical competencies; knowledge, and skills and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.

How to Apply
For more information and to apply, go to:
https://www.usajobs.gov/GetJob/ViewDetails/504609400#locations

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