State of Washington
Dept. of Natural Resources
invites applications for the position of:

Meteorologist-N.R. Scientist 3

careers.wa.gov
Working for Washington State

SALARY:	$4,322.00 - $5,668.00 Monthly
	$51,864.00 - $68,016.00 Annually

OPENING DATE: 05/05/15

CLOSING DATE: 06/05/15 10:12 AM

DESCRIPTION:

Service, Science, Sustainability

Under the leadership of the Commissioner of Public Lands, our work at the Department of Natural Resources (DNR) is done with the public's interest in mind, which means transparency and public knowledge. Our decisions are guided by sound science as we manage state trust lands, native ecosystems and natural resources. We support the vision of a sustainable future by protecting and managing the natural resources so future generations will have them.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. We generate revenue that supports public schools, state institutions and county services. But managing lands is only half of our story. We also protect other public resources such as fish, wildlife, water, and provide public access to outdoor recreation. Two of our largest and most important state-wide resource protection responsibilities are fire prevention and suppression, and overseeing forest practices.

The DNR has an annual operating budget of approximately $187 million and has over 1200 permanent employees with approximately 300 additional staff hired during the summer fire season.

We have some of the most talented people in the industry. We honor diversity in the workplace and support one another with respect and trust. We invite you to learn more about our culture, our careers, and why some of the top forestry and natural science professionals have joined Washington DNR by visiting our DNR website.

Natural Resource Scientist 3
Meteorologist

Recruitment # 2015-05-7336-04256

SALARY RANGE:	$4,322 – $5,668 per month

TYPE OF POSITION:	Permanent, Full-time. This position is represented by the WFSE.

Important Note: Once appointed to this position the incumbent will be required to pay union dues or other representation fees within the first 30 days of employment.

LOCATION:	Olympia, Washington

CLOSES:	**OPEN UNTIL FILLED**. First review date May 26, 2015.
Note: It is to your advantage to submit your materials sooner than later.

DUTIES:

POSITION PROFILE:

This position has agency-wide responsibility as DNR's expert and designated scientific specialist for fire weather interpretation, weather information systems and climatological interpretation. Provides agency executives and managers with weather and climate data, information, tools, and recommendations used for fire preparedness planning, fire operations, aviation, fire regulation, smoke management and other resource management executive decisions.

QUALIFICATIONS:

REQUIRED QUALIFICATIONS:

- Bachelor's degree or higher in meteorology or a related atmospheric science with extensive coursework in meteorology and atmospheric science.
- Demonstrated skill in statistical analysis as applied to wildland fire, natural resource management of land management activities using large climatological or meteorological data sets.
- Understanding of the skills and actions required of an ICS "Incident Meteorologist –Type 1 & 2". National Weather Service Instruction 10-405 "Fire Weather Services Training and Professional Development, " March 27, 2014 http://www.nws.noaa.gov/directives/sym/pd01004005curr.pdf
- Operational understanding of RAWS system equipment and function in order to manage maintenance and replacement planning.
- Ability to communicate both verbally and in writing with other employees, professional meteorologists, fire managers, department executives, and the general public regarding weather and climatology, fire weather forecasting/conditions, fire behavior indicators, and techniques to observe and analyze them, and management options.
- Ability to schedule and facilitate meetings with diverse stakeholders.
- Ability to interact with team members.
- Ability to apply knowledge of meteorology and atmospheric science and use standard fire and smoke behavior tools to assess weather conditions and determine the subsequent risk of fire and smoke activity.
- Ability to translate specialized, detailed scientific information to make it understood by stakeholders.
- Be proficient in understanding and utilizing tools such as:
    - Software: Microsoft Office Suite (Outlook, Word, Excel, PowerPoint); Google Earth;
    - Weather Forecasting Data Sources and Tools;
    - Deterministic Fire Behavior Tools (BehavePlus, FLAMMAP, FARSITE);
    - Probabilistic fire behavior tools: (FSPRO, RAVAR, RERAP);
    - ArcGIS
- Familiarity with long range weather forecasts and seasonal weather outlooks.
- Understanding how dynamic weather and climate conditions influence changes in vegetative conditions thereby altering wildland fire risk and behavior across the landscape.

DESIRABLE QUALIFICATIONS:

- Advanced degree (Masters or Doctorate) in Meteorology or related science.
- Demonstrated skill in statistical analysis as applied to wildland fire occurrence, fire behavior, and conditions for stagnant air or smoke intrusions using large climatological, meteorological and historic fire data sets.
- Meets qualifications/intent of National Weather Service Instruction 10-405 "Fire Weather Services Training and Professional Development, " March 27, 2014 http://www.nws.noaa.gov/directives/sym/pd01004005curr.pdf to equal certification as a Fire Weather Forecaster, Fire Weather Program Leader, and Type 1 & 2 Incident Meteorologist (IMET);
- Familiarity with the skills and actions required of an ICS "Fire Behavior Analyst" (Task Book: http://www.nwcg.gov/pms/taskbook/planning/planning.htm) and able to provide necessary meteorological support in Washington State.
- Familiarity with the way meteorological conditions influence National Fire Danger Rating System (NFDRS) outputs and their implications to wildland fire risk and operations.
- Familiarity7 with the products and services provided by the National Weather Service and the

Predictive Services Group in the National and Geographic Area Coordination Centers.
- Experience working as a professional meteorologist forecasting fire weather conditions.
- Experience supervising technical staff.

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Employees who drive for state business, whether in a state or privately-owned vehicle, are required to possess a valid license as defined in policy PO02-006 and abide by all other driver responsibility requirements.
- Works primarily in shared office. May have field meetings or tours in Regions. May need to visit remote weather station locations.
- May require flexible work schedule, may require some early morning, evening and weekend work. May require additional hours beyond 40.
- May require overnight travel.

WHO MAY APPLY
This recruitment is open to anyone who meets the required qualifications for this position.

SUPPLEMENTAL INFORMATION:

APPLICATION PROCESS

- To be considered you must apply online at www.careers.wa.gov.
- Carefully review your application materials before submitting.
- You may not reapply for this posting for 30 days.

For more information and how to apply, please **CLICK ON THE APPLY BUTTON ABOVE** and submit the following

- Attach a letter of interest describing how your experience and qualifications relate to the position profile, required and desired position qualifications, and special position requirements.
- Attach your Resume – do not add it into the text of the application, it must be an attachment.
- The names of three to five professional references – you may attach a document, use the References text field in the online application, or include with resume.

Questions? Please contact Karen Arnold at Karen.arnold@dnr.wa.gov or e-mail us at DNRrecruiting@dnr.wa.gov.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

This announcement is published by the Washington State Department of Natural Resources (DNR). The DNR is an equal opportunity employer. Persons with a disability who need assistance during the screening process or those needing this announcement in an alternative format may contact DNR Recruiting staff (360) 902-1350 or (360) 902-1097. DNR may be contacted using the Washington State Telecommunications Relay Service (TTY) by dialing 711.

Meteorologist-N.R. Scientist 3 Supplemental Questionnaire

* 1. Do you have a bachelor's degree or higher in meteorology or a related science with extensive coursework in meteorology and atmospheric science?

   ❏ Yes

❏ No

2. If you answered "Yes" to Question #1 above, please briefly describe your coursework in meteorology and atmospheric science here:

* 3. Do you have skill in statistical analyses as applied to wildland fire, natural resource management or land management activities?

❏ Yes
❏ No

4. If you answered "Yes" to the above question #3, please briefly describe where and how you attained the skill level described above here:

* 5. Do you have an understanding of the skills and actions required of an ICS "Incident Meteorologist –Type 1 & 2". National Weather Service Instruction 10-405 "Fire Weather Services Training and Professional Development", March 27, 2014 http://www.nws.noaa.gov/directives/sym/pd01004005curr.pdf

❏ Yes
❏ No

* 6. Do you have the ability to apply knowledge of meteorology and atmospheric science and use standard fire and smoke behavior tools to assess weather conditions and determine the subsequent risk of fire and smoke activity?

❏ Yes
❏ No

* 7. Please indicate which tools you are proficient in understanding and utilizing:

❏ Microsoft Office Suite (Outlook, Word, Excel, PowerPoint)
❏ Google Earth
❏ Weather forecasting data sources and tools
❏ Deterministic fire behavior tools (BehavePlus, FLAMMAP, FARSITE)
❏ Probabilistic fire behavior tools: (FSPRO, RAVAR, RERAP)
❏ ArcGIS

* 8. Are you familiar with long-range weather forecasts and seasonal outlooks?

❏ Yes
❏ No

* 9. Do you have an understanding of the way in which meteorology and climatology influence vegetative conditions and wildland fire risk and behavior across the landscape?

❏ Yes
❏ No

* 10. Where did you originally hear about this job (i.e. friend, newspaper, careers.wa.gov, specific job board website)?

* Required Question