



National Weather Service Careers... Getting Started

Raymond G. O'Keefe Meteorologist in Charge National Weather Service Albany, NY



Outline



- Who We Are
- What We Do
- NWS Careers
- Questions



NWS Mission



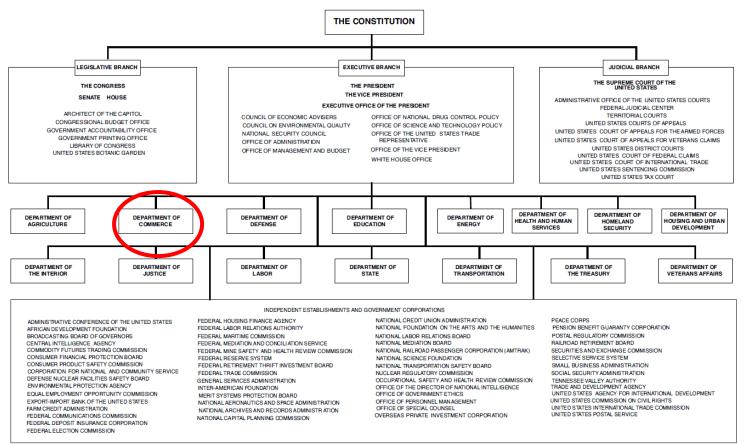
Provide weather, water, and climate data, forecasts and warnings for the protection of life and property and enhancement of the national economy.



Who We Are?



THE GOVERNMENT OF THE UNITED STATES





Who We Are?





Department of Commerce



National Oceanic and Atmospheric Administration



National Weather Service



Who We Are

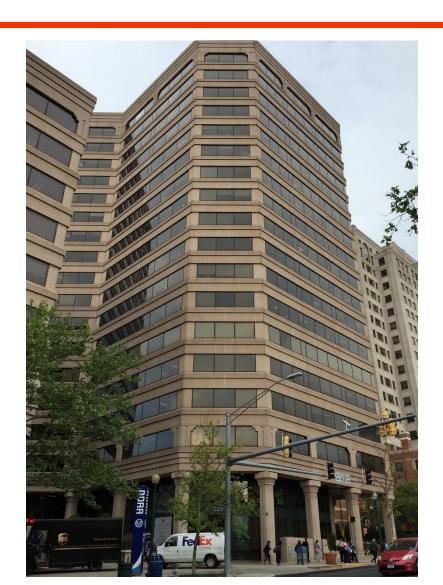


- National Headquarters
- Regional Headquarters
- Weather Forecast Offices
- River Forecast Centers/National Water Center
- National Centers
- Center Weather Service Units



Who We Are – HQ

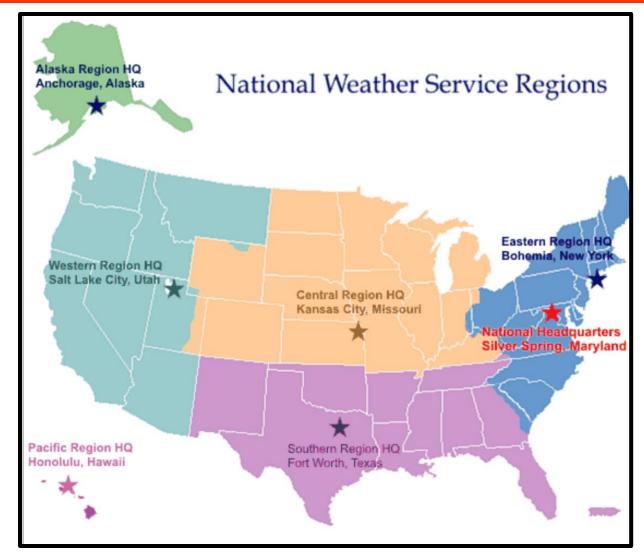






Who We Are – HQ

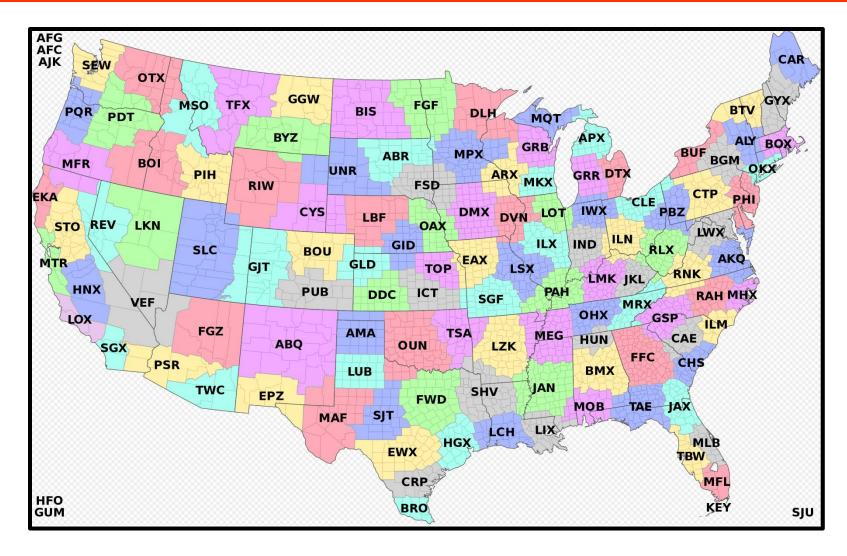






Who We Are – Weather







Who We Are - Water







Who We Are - Centers

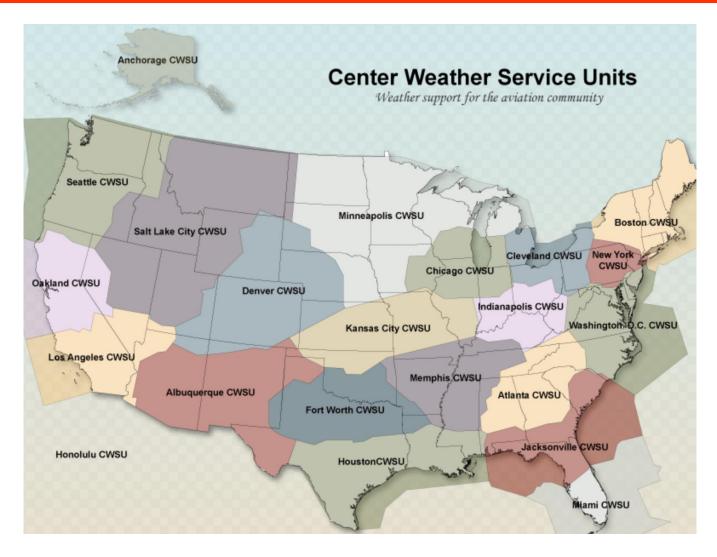






Who We Are - CWSU

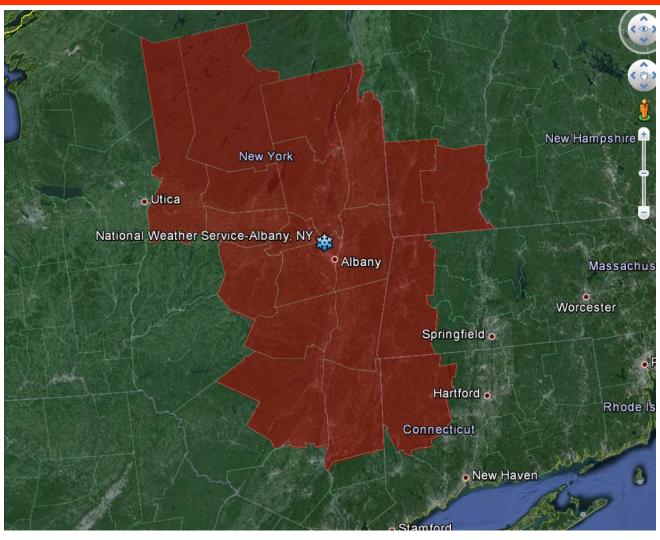






Who We Are – ALY







Who We Are – ALY



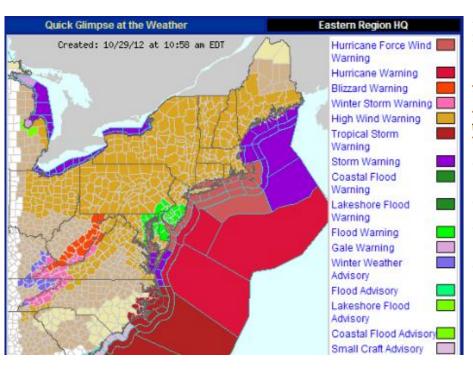
- 1 Meteorologist in Charge
- 1 Science and Operation Officer
- 1 Warning Coordination Meteorologist
- 1 Senior Service Hydrologist
- 1 Electronic Systems Analyst
- 1 Information Technology Officer
- 1 Observing Program Leader
- 5 Lead Meteorologists
- 8 Meteorologists
- 3 Electronics Technicians
- 1 Administrative Support Assistant
- 6/3 Student Volunteers (Academic Year/ Summer)







...Protect Life and Property...



URGENT - WEATHER MESSAGE NATIONAL WEATHER SERVICE ALBANY NY 423 AM EDT SUN OCT 28 2012

...HIGH WIND WARNING IN EFFECT FROM 6 AM MONDAY TO 11 AM EDT TUESDAY...

THE NATIONAL WEATHER SERVICE IN ALBANY HAS ISSUED A HIGH WIND WARNING...WHICH IS IN EFFECT FROM 6 AM MONDAY TO 11 AM EDT TUESDAY. THE HIGH WIND WATCH IS NO LONGER IN EFFECT.

- * LOCATIONS...ALL OF EAST CENTRAL NEW YORK AND ADJACENT WESTERN NEW ENGLAND.
- * HAZARDS...STRONG AND DAMAGING WINDS.
- * WINDS...NORTHEAST 30 TO 40 MPH WITH GUSTS UP TO 60 MPH IN VALLEY LOCATIONS AND UP TO 75 MPH ACROSS THE HIGHER TERRAIN.
- * TIMING...STRONG WIND GUSTS WILL PICK UP MONDAY MORNING AND WILL CONTINUE UNTIL TUESDAY MORNING. THE MOST SIGNIFICANT GUSTS WILL LIKELY OCCUR BETWEEN MONDAY EVENING AND MIDNIGHT ON MONDAY NIGHT.
- * IMPACTS...STRONG WINDS WILL LIKELY BRING DOWN TREES AND POWERLINES...WITH WIDESPREAD POWER OUTAGES POSSIBLE. THESE DOWNED TREES MAY IMPEDE TRAVEL. ALSO ANY LOOSE OBJECTS CAN EASILY BE PROPELLED WITH THE STRENGTH OF THE EXPECTED WIND. SOME DAMAGE TO POORLY MADE STRUCTURES IS POSSIBLE ACROSS PORTIONS OF THE HIGH TERRAIN.





...Protect Life and Property...



TORNADO WARNING NATIONAL WEATHER SERVICE ALBANY NY 645 PM EDT WED MAY 29 2013

THE NATIONAL WEATHER SERVICE IN ALBANY HAS ISSUED A

- * TORNADO WARNING FOR...

 SOUTHEASTERN MONTGOMERY COUNTY IN EASTERN NEW YORK...

 EXTREME NORTHEASTERN SCHOHARIE COUNTY IN EAST CENTRAL NEW YORK...

 EXTREME SOUTHWESTERN WASHINGTON COUNTY IN EAST CENTRAL NEW YORK...

 SCHENECTADY COUNTY IN EAST CENTRAL NEW YORK...

 NORTHWESTERN RENSSELAER COUNTY IN EAST CENTRAL NEW YORK...

 SOUTHERN SARATOGA COUNTY IN EAST CENTRAL NEW YORK...
- * UNTIL 730 PM EDT
- * AT 642 PM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED A SEVERE THUNDERSTORM CAPABLE OF PRODUCING A TORNADO 7 MILES SOUTH OF AMSTERDAM...MOVING EAST AT 40 MPH.
- * THE TORNADO WILL BE NEAR...

ROTTERDAM JUNCTION AND GLENVILLE BY 655 PM EDT...

SCOTIA BY 700 PM EDT...

EAST GLENVILLE...ALPLAUS...NISKAYUNA AND SCHENECTADY BY 705 PM EDT...

BURNT HILLS BY 710 PM EDT...

ROUND LAKE AND CLIFTON PARK BY 715 PM EDT...





...Protect Life and Property...



BULLETIN - EAS ACTIVATION REQUESTED FLASH FLOOD WARNING NATIONAL WEATHER SERVICE ALBANY NY 1232 AM EDT FRI JUN 28 2013

THE NATIONAL WEATHER SERVICE IN ALBANY HAS ISSUED A

- * FLASH FLOOD WARNING FOR...
 WESTERN FULTON COUNTY IN EASTERN NEW YORK...
 SOUTHERN HERKIMER COUNTY IN EASTERN NEW YORK...
 THIS INCLUDES THE CITIES OF...LITTLE FALLS...ILION...HERKIMER...
 WESTERN MONTGOMERY COUNTY IN EASTERN NEW YORK...
 THIS INCLUDES THE CITY OF CANAJOHARIE...
- * UNTIL 630 AM EDT
- * AT 1227 AM EDT...NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED FLASH FLOODING FROM SHOWERS AND THUNDERSTORMS IN THE WARNED AREA. DOPPLER RADAR INDICATES A HALF AN INCH TO AN INCH OF RAIN HAS FALLEN. AN ADDITIONAL ONE TO TWO INCHES IS POSSIBLE OVER THE NEXT SEVERAL HOURS. PARTS OF THE AREA HAVE SATURATED SOILS FROM HEAVY RAINFALL THE PAST FEW DAYS. THIS RAINFALL WILL LIKELY CAUSE ROAD CLOSURES AND WASHOUTS.
- * LOCATIONS IN THE WARNING INCLUDE BUT ARE NOT LIMITED TO STRATFORD...POLAND...OHIO...NORTHWOOD...NEWPORT AND COLD BROOK





2019-2022 Strategic Goals



GOAL 1

Reduce the impacts of weather, water, and climate events by transforming the way people receive, understand, and act on information.



GOAL 2

Harness cutting-edge science, technology, and engineering to provide the best observations, forecasts, and warnings.



GOAL 3

Evolve the NWS to excel in the face of change through investment in our people, partnerships, and organizational performance.





Objectives to achieve Goal 1

Transformative Impact-Based Decision Support Services (IDSS)

- 1.1. Connect forecasts and warnings to decisions made by public safety, emergency management, water resource management, and national and economic security agencies and officials to ensure planned, coordinated, and effective preparedness and response, especially for extreme weather, water, and climate events.
- **1.2.** Emphasize expert interpretation, consultation, and communication of forecasts and their impacts where and when they are most needed.
- **1.3.** Increase understanding of society's needs and provide targeted outreach and education to ensure public awareness, understanding, preparedness, and responsiveness for extreme events.
- **1.4.** Leverage Enterprise capabilities through a collaborative approach that minimizes impacts and maximizes public safety and economic resilience.

Impact-Based Decision Support Services: IDSS is the provision of relevant information and interpretive services that enable partners to prepare for and respond to extreme weather, water, and climate events for the protection of lives and livelihoods.





Objectives to achieve Goal 3

Workforce for the Future

- **3.1.** Enhance the employee experience by increasing belonging, inclusion, and diversity in the workforce; promoting organizational health and culture initiatives to improve performance and employee satisfaction; cultivating continuous learning and professional development; and increasing the effectiveness of labor-management engagement.
- **3.2.** Implement a comprehensive workforce training and development plan to advance the expanding skill sets required for operational forecasting, including greater emphasis on decision support; ensure expertise in core mission support capabilities including engineering, technology, and administration; and strengthen efficiency and productivity with enhanced capabilities in project management, configuration management, and risk management.
- **3.3.** Sustain workforce capacity and skills that meet evolving mission needs, with outreach and strategies to improve the recruitment and retention of the best available talent, including those with STEM skill sets; implement hiring efficiencies and align hiring actions with workload needs; expand deployment-ready staff certified to support major events in collaboration with local and regional partners and across NOAA; and formalize knowledge transfer systems to sustain mission operations.
- 3.4. Strengthen the skills of NWS leaders to be adaptive and lead change effectively.

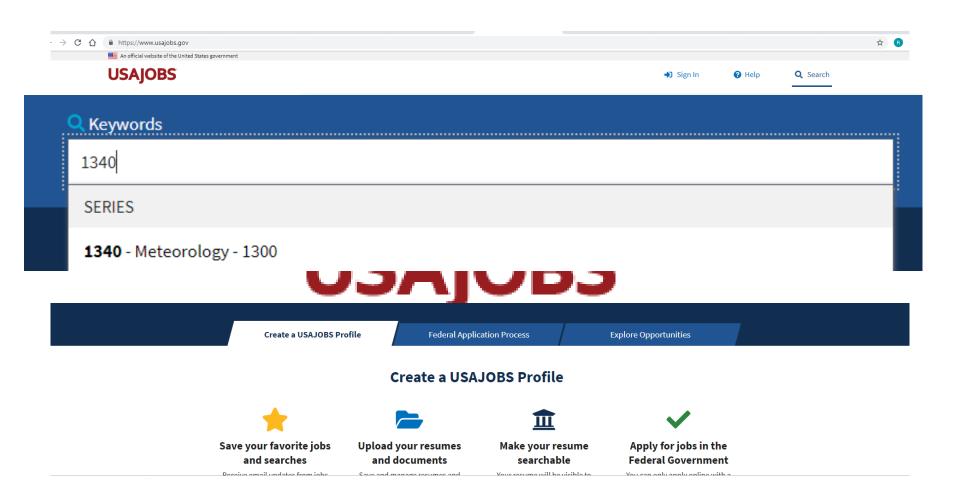




	Forecast Operations Schedule by:								Management Approval:							NWSEO Initial:					
	N A S	B G M	D B T	T A W	A A		J P V	B J F	K S L	L V		J E C	C S	O P L	R G O	S N D	M S E	B E W	V T K	, N	
Sun Apr 28, 2019	-	Y	-	J	Н		Р	L	-	-		Tcte	р		gua	-	z/Tcte	-	-		
Mon Apr 29, 2019	Y	-	-	pua	P		-	-	Y	j		Т	-		gua	h/S	т	x			
Tue Apr 30, 2019	Y	Gua/S	-	-	P		-	-	Y	j1al		Т	-		pua	h/sl	Т	x			
Ved May 01, 2019	Y	X	Н	-	Р		pua	x	Y	j		Т	g				Т	x			
Thu May 02, 2019	Y	-	Gua	X	-		1al/P	X	Y	j		Т	р		-	h	Т	x			
Fri May 03, 2019	z	-	Gua	J	-		Р	-	Y	h		Т	р		-		Tcte	x			
Sat May 04, 2019	-	L	Н	J	-		Р	Υ	zndot	-		Tcte	р		gua	-	-	-	-		
Sun May 05, 2019	-	Y	Н	J	-		Р	Y	-	-		g	-		pua	-	-	-	-		
Mon May 06, 2019	-	Y	-	J	x		Р	Y	S	-		g/2cte	-		pua	h	-	Т			
Гие Мау 07, 2019	-	Y	-	S	SL		-	Y	Н	Т		g	Т		pua	р	j	Т			
Ved May 08, 2019	Y	-	Gua	-	P		-	Y	Н	Т		1	т		pua	В	j	т			
hu May 09, 2019	Y	Pua	H/t	tcte	P		-	Y	j	Т		1	т		gua	-		т			
Fri May 10, 2019	Y	pua	S	-	Р		Y	-	-	x		-	g		-	h	j	т			
Sat May 11, 2019	Υ	_	1	Gua	_		Y	-	_	i		_	р			h	q		_		



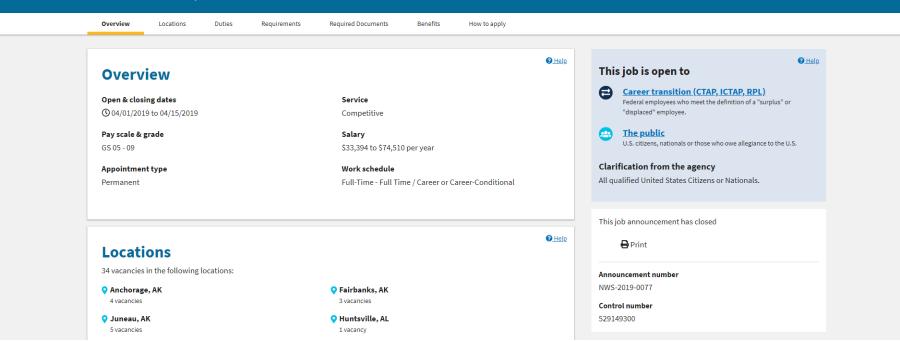








Meteorologist, GS-1340-5/7/9 (DE/CR) DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration Overview Locations Dutles Requirements Required Documents Benefits How to apply







34 vacancies in the following locations:

O Anchorage, AK

4 vacancies

Juneau, AK

5 vacancies

Show fewer locations (17)

Jacksonville, FL

1 vacancy

O Barrigada, GU

1 vacancy

O Topeka, KS

2 vacancies

O Negaunee, MI

3 vacancies

O Albuquerque, NM

1 vacancy

O Elko, NV

1 vacancy

OWILMINGTON, OH

1 vacancy

O Lubbock, TX

2 vacancies

Riverton, WY

1 vacancy

Relocation expenses reimbursed

No

Fairbanks, AK

3 vacancies

O Huntsville, AL

1 vacancy

Key West, FL

1 vacancy

🔾 Indianapolis, IN

1 vacancy

Louisville, KY

1 vacancy

Ouluth, MN

1 vacancy

Carred Tereson, NIM

1 vacancy

Albany, NY

1 vacancy

Fort Worth TV

1 vacancy

Sullivan, WI

1 vacancy

Telework eligible

No





As a Meteorologist, you will perform the following duties:

Integrate, with occasional assistance, forecast weather, water, and climate hazards with associated societal risks to produce and communicate life-saving impact-based warnings, advisories, outlooks and general forecasts, providing initial review of data to ensure accuracy, precision, and timeliness.

Support the development, production and delivery of interpretive services by providing, with occasional assistance, most Impact Based Decision Support Services (IDSS) that include tailored products, specialized notifications, remote briefings, and/or on-site deployments to a set of core partners that share a role in public safety and protection of property.

Collect, assess, analyze, and integrate a complete set of meteorological, hydrological, and climatic data in order to provide forecasts of critical elements at global, synoptic, and increasingly finer meso-scale levels.

Apply expertise, with occasional assistance, in the theory of weather, water and climate sciences including providing current knowledge of scientific and technological developments and delivering science-based and technology-based solutions to operational challenges.

Assist in the collaboration and co-creation with colleagues while leveraging the talents of others to improve and optimize the day-to-day operational functions of WFOs.

These duties are described at the GS-09; the GS-05 & GS-07 are developmental leading to such performance. All positions are developmental to the FPL GS-12. Promotion from grade 11 to grade 12 will be based upon application of a competency model that identifies the knowledge, skills, and abilities required of all Meteorologists.





Requirements

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)
- · Qualifications requirements must be met by closing date of announcement.

This position requires a Public Trust Security Clearance.

*A one year probationary period may be required.

*This position is in the bargaining unit.

CONDITIONS OF EMPLOYMENT: Working an rotating sinus is routinety required with the WEQ or National Center in operation 24 hours a day, seven day, a week. Incumbent must maintain sharp mental focus during highly stressful events. Incumbent will be required to maintain weather watch at office when general public is evacuating the area.

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.





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 the education substitution in order to be found minimally qualified. You MUST meet one of the following basic education requirements:

- A. Degree: meteorology, atmospheric science, or other natural science major that included:
- a. At least 24 semester (36 quarter) hours of credit in meteorology/atmospheric science including a minimum of:
- i. Six semester hours of atmospheric dynamics and thermodynamics;*
- ii. Six semester hours of analysis and prediction of weather systems (synoptic/mesoscale);
- iii. Three semester hours of physical meteorology; and
- iv. Two semester hours of remote sensing of the atmosphere and/or instrumentation.
- b. Six semester hours of physics, with at least one course that includes laboratory sessions.*
- c. Three semester hours of ordinary differential equations.*
- d. At least nine semester hours of course work appropriate for a physical science major in any combination of three or more of the following: physical hydrology, statistics, chemistry, physical oceanography, physical climatology, radiative transfer, aeronomy, advanced thermodynamics, advanced electricity and magnetism, light and optics, and computer science.
- * There is a prerequisite or corequisite of calculus for course work in atmospheric dynamics and thermodynamics, physics, and differential equations. Calculus courses must be appropriate for a physical science major.





Vacancy Questions

Which of the following best describes your experience supporting the development, production and delivery of interpretive services such as tailored products, specialized notifications, remote briefings, and/or on-site deployments to partners to prepare for and minimize the impacts of hazardous weather, water, and climate events?

I have not had education, training or experience in performing this task

I have had instruction in performing the task, but have not yet performed it on the job or in class.

I have performed this task on the job or in class. My work on this task was monitored closely by a supervisor, senior employee or professor to ensure compliance with proper procedures.

I have performed this task regularly on the job or in class. I have performed it independently and normally without review by a supervisor, senior employee, or professor.





Vacancy Questions...Thus...

Which of the following best describes your experience with NWS Doppler radar?

- 1. What's radar?
- 2. Xxxxx
- 3. XXXXX
- 4. I invented radar.

On your resume better be...

"I won the Nobel Prize for Physics for the invention radar"





Resume

- Resume must validate answers to vacancy questions
- Don't be afraid to tell how great you are
- List Detail your accomplishments
 - numerous, many, a lot... Be specific!
- References include them Make my job easy
- Have someone read it over Preferably someone who got an "A" in English grammar
- IF IT IS NOT IN THE RESUME IT DOESN'T COUNT





Cover Letter

Paragraph 1:

I want to work for the National Weather Service in Albany, NY.

I would make a great addition to your office. List your top 3 skills/experiences.

Paragraph 2:

I am skill #1.

Situation/Action/Response – provide an example of skill #1 in real world.

What was a problem (Situation),

What did you do to solve it (Action),

Paragraph 3:

I am skill #2...

Paragraph 4:

I am skill #3...

Paragraph #5:

As you can see I am skill 1, 2, 3.

I would make an excellent addition to your office.

I look forward to talking with you.





Interview

- 1. Why did you want to be a Met Intern at Albany?
- 2. What was your favorite class in college and why?
- 3. Give an example of how you applied knowledge from previous coursework to a project in another class or a National Weather Service project
- 4. What operational research have you conducted in either a University setting or while working with the NWS? Did you present this work at any conferences or workshops? Tell us about your research
- 5. Many programs and opportunities within the NWS fall under a Science Focus or a Service/Outreach Focus. Which excites you more?. Why?
- 6. Tell me about a recent example where you made a positive difference in your class or office. What did you do? Why did you do it? How did it make a difference?
- 7. Have you ever been on a team where someone was not pulling their own weight? How did you handle it?
- 8. Give me an example of a time you had to persuade another person to take action. Were you successful?
- 9. If selected for this position, where do you see yourself in the NWS in 5 years, 10 years.



NW\$ Career\$



Grade	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8	Step 9	Step 10
1	23267	24048	24821	25591	26364	26817	27582	28352	28383	29105
2	26162	26785	27651	28383	28703	29547	30391	31235	32079	32923
3	28546	29497	30448	31400	32351	33302	34254	35205	36156	37107
4	32044	33112	34180	35248	36316	37384	38452	39520	40588	41656
5	35852	37047	38243	39438	40633	41829	43024	44219	45414	46610
6	39965	41297	42629	43961	45293	46625	47957	49289	50621	51953
7	44410	45891	47371	48852	50332	51813	53294	54774	56255	57735
8	49183	50823	52462	54102	55742	57382	59021	60661	62301	63940
9	54323	56133	57944	59755	61565	63376	65186	66997	68808	70618
10	59822	61816	63811	65805	67800	69794	71789	73783	75778	77773
11	65725	67917	70108	72299	74491	76682	78874	81065	83256	85448
12	78778	81404	84031	86657	89283	91910	94536	97163	99789	102415
13	93677	96800	99922	103045	106167	109290	112413	115535	118658	121781
14	110698	114387	118077	121767	125456	129146	132835	136525	140215	143904
15	130210	134551	138891	143231	147572	151912	156252	160593	164933	169273



Your First Day



A. OATH OF OFFICE

I will support and defend the Constitution of the United States against all enemies, foreign and domestic; that I will bear true faith and allegiance to the same; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties of the office on which I am about to enter. So help me God.





THE WHITE HOUSE



Administration Priorities COVID-19 Briefing Room Español



Q

BRIEFING ROOM

A Proclamation on Public Service Recognition Week, 2021

APRIL 30, 2021 • PRESIDENTIAL ACTIONS





A Message from Secretary Ross on the Passing of Commerce Employee Chelsea Decaminada Indox x

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'Broadcast, DOC' via _BCAST NOAA All Hands
bcast-noaa-all@noaa.gov> to DOC ▼

2:36 PM (1 hour ago)



Team Commerce.

It is with a heavy heart that I inform you of the passing of Chelsea Decaminada on May 4, 2019.

Chelsea was on assignment in Sri Lanka when she sustained critical injuries during the April 21st terrorist attacks. A talented International Program Specialist in our Commercial Law Development Program (CLDP) of the Office of the General Counsel, Chelsea devoted her life to public service. Her dedication and spirit were a model for all of us at Commerce.

Our thoughts and prayers remain with Chelsea and her family, as well as the CLDP staff, during this difficult time.

During the days ahead, please know that counselors are available to each of you through the Employee Assistance Program as we process this devastating news.

Secretary Wilbur Ross















- •53% MS
- •33% BS
- •13% BS + experience