



UNITED STATES AIR FORCE

WEATHER OPERATIONS SPECIALIST



DIGITAL EDITION



EYE ON THE SKY

Weather plays a significant role and often times a decisive factor in military operations. As an Air Force Weather Operations specialist, you'll maintain a watchful eye on the sky with some extremely challenging but rewarding responsibilities.

Integrating weather and space environmental information into training drills, combat and critical rescue missions in support of Air Force, Army and Joint and Coalition operations is one way your skills will be heavily relied upon. You'll also advise commanders on crucial response actions during severe weather outbreaks or natural disasters, such as tornadoes and hurricanes.

As a member of our Weather Operations team, you'll learn how to use state-of-the-art fixed and tactical sensing systems, analyze weather data, issue timely weather warnings and advisories, and brief mission weather to aircrews and other operators. These skills are integral to the safety and success of all military operations.

TRAINING

After Basic Military Training, you'll attend the Initial Weather Skills Course at Keesler Air Force Base, Mississippi, where you'll learn how weather affects military operations. You'll learn valuable skills in atmospheric dynamics, forecasting techniques, satellite and radar interpretation, and weather observations.

After successfully completing the course, you'll earn approximately 62 credit hours toward an associate degree in applied science through the Community College of the Air Force.

As a new Weather Operations specialist, you'll be assigned to an Air Force weather squadron or flight or an Army weather detachment. You'll be teamed with experienced weather professionals for extensive qualification and upgrade training.



5



Magnetic

Active

Wind Avg: 5-Sec ▼

Vector Options

- ☐ Gust
- ☐ Max

Wind Variance

Gust ---
Spread 8 KT

Altimeter
29.90 inHg

Ceiling
27000 FT

1-Min Visibility
10 SM

n RVR P6000FT

d RVR

n RVR P6000FT

Day-Time

Edge Lights: 0

Center Lights: M

“ THIS JOB IS LIKE NO OTHER. IT'S A TEAM THAT I'M HONORED TO BE A PART OF. WEATHER FORECASTING IS ONE OF THE MOST REWARDING OPPORTUNITIES YOU COULD HAVE: TRAVELING, MEETING NEW PEOPLE AND KNOWING YOU ARE A BIG PART OF A MISSION'S SUCCESS. BEING IN THE WEATHER CAREER FIELD IS THE BEST DECISION I'VE EVER MADE. ”

- SRA KAREN CELESTIN \$

AIR FORCE WEATHER OPERATIONS SPECIALIST



DUTIES AND RESPONSIBILITIES

- Collect, analyze, predict and integrate atmospheric and space environmental information to provide direct support to Air Force and Army units.
- Observe, record and transmit surface, upper air and space environment observations.
- Operate atmospheric and space-sensing instruments and computer workstations to gather data from weather radars, meteorological equipment and satellites, and products provided by military, national and international weather agencies.
- Fully understand the atmosphere and space environment to translate raw data into decision-quality environmental information to be used in real-world operations.
- Issue advisories, watches and warnings to alert aircrew, ground units and public communities of dangerous, inclement or operationally significant terrestrial and space weather events.
- Understand war fighter operations to maximize air, space and cyberspace combat power.
- Integrate weather information into the planning and decision-making process at all levels to reduce and exploit the weather impact on operations.
- Develop extensive skills leading teams of Weather Operators.

BENEFITS

Along with learning important job skills you can use in the civilian world, you'll receive great benefits like:

- 30 days of vacation with pay each year
- Possible bonuses and/or special duty pay
- Worldwide travel
- Opportunities for advanced education with up to 100 percent tuition assistance and Post 9/11 GI Bill
- Comprehensive medical and dental care
- Tax-free food, clothing and housing allowances
- Use of base recreational and sports facilities
- Thrift Savings Plan similar to a 401(k)
- Generous retirement plan

WORLDWIDE MISSION

Air Force weather organizations are located around the world. They include regional weather centers that provide climatology, technological advances and Army weather support.

If you're assigned to a flight or detachment you'll be responsible for site-specific observation, forecasting, resource protection and conducting local and transient aircrew briefings. If you're assigned to an Army installation you'll receive basic soldier skills training and will deploy and provide direct support to Army forces.



YOUR FORECAST

To learn more about forecasting your future as a Weather Operations specialist, contact your local Air Force recruiter or call **1-800-423-USAF**. Also visit **AIRFORCE.COM**.



U.S. AIR FORCE

AIM HIGH

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