

# GS-11 Electronics Technician POSITION

## Albany, NY

The GS-11 Electronic Technician (ET) is a field technician assigned to the NWS Weather Forecast Office (WFO) in Albany, NY. The GS-11 ET will work a weekday, day shift schedule, but will be subject to emergency overtime to meet the site operational mission requirements 24 hours a day, 7 days a week in support of ASOS, NOAA Weather Radio, Doppler Radar, Upper Air, AWIPS, and various other IT and electronic/electromechanical systems assigned to the Albany WFO to comply with meeting mission requirements.

The work requires physical exertion, such as long periods of standing, recurring bending, crouching, stooping, tower climbing with harness up to 100 ft., and lifting moderately/moving heavy objects up to 40 lbs.

Once trained, the incumbent will work independently, with minimal supervision, performing various maintenance actions at locations throughout Upstate NY, Western MA, and Southern Vermont, some up to 2.5 hours from Albany. A valid state driver's license is required with ability to drive various government owned vehicles and trailers.

# ASOS Duties

- The duties of the GS-11 ET include maintenance, troubleshooting and repair of 6 Automated Surface Observing Systems (ASOS) sites located at 6 different airports spread throughout Upstate NY, Western MA, and Southern VT. In this position, the incumbent will work independently, while interfacing with FAA, TELCO, and airport operations personnel. The incumbent will be required to apply for and secure security credentials at 4 airports. A safe driving record will be necessary due to the large amount of driving time mostly on congested interstate highways and side roads throughout the area.



# NOAA Weather Radio (NWR) Duties

- The GS-11 ET is responsible for independently maintaining and repairing eight, 300 watt to 1 kw NOAA Weather Radio Transmitters and transmission lines/antenna on remote hilltop or mountain top locations throughout NY, MA, and Connecticut. The incumbent will often need to interface with TELCO service providers and private sector customers.



# DOPPLER RADAR SYSTEM

- The GS-11 ET will perform maintenance and repairs to the WSR-88D Dual Polarization Radar. This system is comprised of the Radar Data Acquisition equipment (RDA) located 40 minutes from our office in city of Albany, NY. The RDA is comprised of the transmitter/receiver, emergency generator, UPS, and a 84 ft. tower which supports the antenna pedestal and antenna housed within the radome. Also part of the RADAR is the Radar Product Generator (RPG) computer system located within the Albany office location. Routine Preventative Maintenance and non-routine repairs include climbing the 84' tower (stairs) and working inside a confined areas within the antenna pedestal.



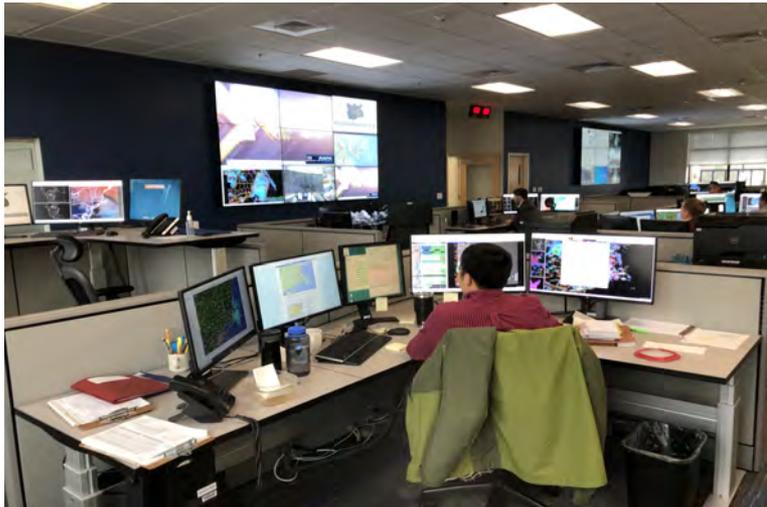
# RRS Upper Air Balloon Tracking System

- The GS-11 ET maintains and repairs the Upper Air Weather Balloon Tracking System commonly known as the Radiosonde Replacement System (RRS). The RRS is a telemetry receiving system and signal processing system located on the roof of our office building location, in Albany, NY. With completion of training, the incumbent will be required to work independently with some interface from operations staff and TELCO.



# IT and AWIPS Systems

- The GS-11 ET will participate in maintenance, repair and security activities for the various networks, routers, Windows PC's, Linux workstations, and servers to include the Advanced Weather Interactive Processing System (AWIPS) in our Albany WFO location and remote radar site.



# RELOCATING TO THE GREATER Albany, NY METROPOLITAN AREA

## Quick Facts About Albany, New York

- **ECONOMY** - The unemployment rate in Albany is 4.5 % (U.S. avg. is 3.9%). Recent job growth is positive.
- **COST OF LIVING** - Compared to the rest of the country, Albany's cost of living is approximately 5.4% lower than the U.S. average.
- **POPULATION** - Albany's population is 98,498 people with a population growth of 3% since 2000
- **REAL ESTATE** - The median home cost in Albany is \$184,300
- **SCHOOLS** - Albany public schools spend \$26,698 per student with approximately 14 students per teacher in Albany.
- Albany is approximately 3hrs drive from Manhattan and Boston and 4hr drive from Montreal.
- In this region is a diverse selection of towns and cities offering wide choices of living options.
- This area has countless entertainment, dining, higher education, and medical offerings.
- It is highly recommended to perform your own independent research on Albany and the surrounding cities and towns. Information displayed here is from <http://www.bestplaces.net/>