

SENIOR METEOROLOGICAL OBSERVER

Job Advertisement

Reporting To:	Director of Meteorology	
Division:	Meteorology	
Grade Level:	6.1	
Remuneration:	\$47,142.00	
Special Requirements:		
Employment Type: <input checked="" type="checkbox"/> Continuous Employment <input type="checkbox"/> Fixed Term Contract <input type="checkbox"/> Independent Contractor <input type="checkbox"/> Consultant <input type="checkbox"/> Intern	Hours: <input checked="" type="checkbox"/> Full-Time <input type="checkbox"/> Part-Time <input type="checkbox"/> Part-Time Shift <input type="checkbox"/> Casual/Flexible	Location: <input type="checkbox"/> All Islands <input checked="" type="checkbox"/> Providenciales <input type="checkbox"/> Grand Turk <input type="checkbox"/> Salt Cay <input type="checkbox"/> North and Middle Caicos <input type="checkbox"/> South Caicos

About The Turks and Caicos Islands Airports Authority

The Turks and Caicos Islands Airports Authority ("TCIAA") (established under The Airports Authority Ordinance, Ord.11 of 2005) is responsible for constructing, controlling, and managing airports and providing and maintaining runways, taxiways, and terminals for the efficient operation of airports in the Turks and Caicos Islands. Its current portfolio consists of owning and operating six airports while providing air navigation services for the low-level airspace above the territory. Our mission is to provide world-class airport facilities and operations through high standards in safety, security, quality, efficiency, innovation, and customer service, recognizing their importance to the overall socio-economic development and strategic growth of the Turks and Caicos Islands.

About the role

This role is responsible for managing the observations program, ensuring its smooth operation and accuracy. This role involves supervising and instructing entry-level personnel, providing guidance and support to senior-level staff in processing meteorological data, and preparing relevant weather information. Additionally, the position requires liaising with forecasting teams to facilitate effective communication and coordination. The role is critical in maintaining high standards in data collection and supporting the overall meteorological mission.

Responsibilities and Key Deliverables

- Perform surface, synoptic, and aviation observations.
- Ensures that subordinate technical staff performs their duties satisfactorily, especially in the observing and the recording of weather phenomena.

- Ensure that weather observations are completed visually and through the use of the various meteorological instruments at appropriate times.
- Ensure that weather observations are recorded and transmitted to other meteorological stations as required.
- Where directed, provide training to other Airport Authority staff conducting meteorological observations on the Authority's behalf.
- Report regularly on administrative matters.
- Supervision of subordinate technical staff, ensuring the assignments are performed in accordance with standard procedure and verifying the accuracy of calculations;
- Train and guide newly assigned subordinate staff and technical staff in their duties;
- Observe general weather, sky, and visibility conditions and use meteorological equipment to ascertain atmospheric elements and conditions;
- Operate meteorological telecommunication equipment and other electronic equipment for the collection and dissemination of meteorological data and other information required for aeronautical and other weather operations;
- Participate in and manage shift rotations to ensure continuous observational coverage during airport operations, including nights, weekends, and holidays.
- Perform quality control on data and complete simple statistical and other analysis of the data;
- Investigate and prepare data of climatological interest on request by the public or the private sectors;
- Inspect and set up weather observation sites;
- Perform minor adjustments on meteorological equipment and assist in the calibration of equipment;
- Contribute to the Quality Management System (QMS) documentation for compliance and standardization.
- Assist with the briefing of pilots.

Qualifications

- Training as evidence by a certificate from the Caribbean Examination Council (CXC) or General Certificate of Education (GCE) Ordinary Level with passes in at least four (4) subjects which must include English Language and Mathematics, supplemented by the successful completion of the Entry Level Meteorological Technician course, or related certified training meeting the requirements of WMO Doc 1083 BIP MT.
- Minimum of five (5) years of experience in the field of aeronautical meteorology/observations
- Considerable knowledge of Mathematics and Physics as related to the field of meteorology;
- Considerable knowledge of meteorological codes;
- Considerable knowledge of the principles, practices, techniques, and instruments used in the field of meteorology;
- Have a thorough knowledge of the rules and regulations governing the observing, recording, and use of meteorological and other data;

Core Competencies

- Skill in the use and care of thermometers, barometers, telecommunication, and other electronic equipment used in the field of meteorology;
- Ability to supervise and review the work of subordinate staff;
- Demonstrated ability to work unsupervised in a time-critical role with proven interpersonal skills to work in a diverse team role.
- Demonstrated level of oral and written communication skills sufficient to manage the observations program.

Physical Requirements

- Ability to walk or stand for extended periods, especially during fieldwork
- Capable of working outdoors in all weather conditions
- Good color vision (important for cloud classification and visibility assessments)
- Excellent Hearing
- Willingness and ability to work rotating shifts, including overnight, weekends, and holidays, in a time-sensitive operational environment.

Benefits

- Mandatory Participation in Private Medical Insurance (with Life Policy included)
- Optional Participation in Employee Savings Programme
- TCIG Public Sector Employee Pension Scheme
- Training and Certification Opportunities as determined and/or required and/or appropriate by the CEO.

The Turks and Caicos Islands Airports Authority (TCIAA) is committed to diversity, equity, inclusion, and accessibility in the workplace. Diversity is ingrained in who we are and how we do business. Therefore, we welcome applicants regardless of ethnicity, gender, ability/disability, religion, and sexuality.

Interested individuals must submit:

- **Cover letter**
- **Resume**
- **2 Job References testifying to character and competency for the role,**
- **Police record**
- **Proof of status**

No later than July 29th 2025 to:

Human Resources Manager
Turks and Caicos Islands Airports Authority
Providenciales International Airport
Telephone# 649-941-8692, Fax# 9415996. Email: hrrecruitment@tciairports.tc

Turks and Caicos Islanders Only Need to Apply