*This is a **copy** of the ECCC meteorologist job poster from January 2024. It is meant to illustrate what ECCC needs, and what info and documentation you need to prepare in order to apply for this type of job. The original website from which this was copied was https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1800?toggleLanguage=en&from=&poster=2078153*

Meteorologist Occupational Training Program: MT-01, MT-02, and MT-03

Reference number: DOE23J-113701-000226
Selection process number: 23-DOE-HRPROG-EA-605386

Environment and Climate Change Canada - Meteorological Service of Canada (MSC)
Edmonton (Alberta), Vancouver (British Columbia), Winnipeg (Manitoba), Fredericton (New Brunswick), Oromocto (New Brunswick), Gander (Newfoundland and Labrador), Dartmouth (Nova Scotia), Ottawa (Ontario), Toronto (Ontario), Dorval (Québec), Montréal Island (Québec)
MT-01, MT-02, MT-03
$54,240 to $109,281
For further information on the organization, please visit Environment and Climate Change Canada

Closing date: 29 January 2024 - 23:59, Pacific Time

Who can apply: Persons residing in Canada, and Canadian citizens and Permanent residents abroad.
Apply online: https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1710?careerChoiceId=2078153&psrsMode=1

Important messages

We are committed to providing an inclusive and barrier-free work environment, starting with the hiring process. If you need to be accommodated during any phase of the evaluation process, please use the Contact information below to request specialized accommodation. All information received in relation to accommodation will be kept confidential.

Assessment accommodation: https://www.canada.ca/en/public-service-commission/services/assessment-accommodation-page/how-to-request-assessment-accommodation.html

This recruitment process will be used to fill meteorologist positions at the following groups and levels:
- MT-01: Meteorologist Intern (APDP) - Approximately 7 to 8 months in classroom and 3 months on-the-job training
- MT-02 Developmental Meteorologist (APDP) - Approximately 1.5 to 2.5 years working operational shifts under direct supervision
- MT-03 Operational Meteorologist OR Research and Development Meteorologist

Each application will be evaluated for the MT-01 stream. However, you must clearly INDICATE IN YOUR COVER LETTER if you are also interested in being evaluated for the MT-02 and MT-03 streams.

Current annual salary scales:
1) MT-01: from $54,240 to $70,972
2) MT-02: from $70,178 to $89,835
3) MT-03: from $86,007 to $109,281

Work environment

The Meteorological Service of Canada (MSC) recruits new meteorologists to replace or augment the complement of its workforce. The Meteorologist Occupational Training Program (MOTP) for Intern Meteorologists (MT-01) and Developmental Meteorologists (MT-02) allows for the training, development, and certification of the MT-03 level of MSC recruits, which leads to various career stream opportunities. Highly experienced Operational Meteorologists (MT-03) are the primary source of the meteorological and scientific workforce within the MSC and Environment and Climate Change Canada as a whole. This selection process is targeted at recruiting meteorologists for initial entry into the operations stream as well as identifying suitable candidates for eventual careers in the Research and Development stream thereafter. For those who have already acquired professional certification and experience as an operational meteorologist, other avenues may be possible.

There exists a variety of career opportunities for meteorologists at Environment and Climate Change Canada following completion of the MOTP. Some choose to specialize in operational meteorology, service delivery, training or in management. Others choose to specialize in the development of numerical prediction systems or the technological transfer from research to operations. You could work, as part of multidisciplinary teams, in different fields related to atmospheric and environmental predictions including weather forecasts, oceanography, hydrology, air quality, ice forecasts, climatology and seasonal forecasts, etc. once you complete the initial developmental phase.

In addition to the operational stream, the MSC is interested in identifying and developing meteorologists interested in the science, development, and research field. This specialization would be offered to candidates after they complete the MOTP at the MT-03 level (typically after 30 months of development at the MT-01 and MT-02 levels). Applicants with an interest in this Research and Development (R&D) specialization (including numerical weather prediction modelling, environmental numerical forecasting, data assimilation, and/or computer science) are encouraged to indicate this in their cover letter. The Canadian Centre for Meteorological and Environmental Prediction (CCMEP), located in Dorval, Quebec, is the R&D centre responsible for MSC's numerical weather and environmental prediction systems.

Training Locations within the Meteorologist Occupational Training Program:

- MT-01 Meteorologist Intern: approximately 7 to 8 months in classroom at one of the following work locations:
• Edmonton - Alberta (in English)
• Montreal - Quebec (in French)

Plus approximately 3 additional months of on-the-job training (shift work) in some locations listed below.

- MT-02 Developmental Meteorologist and MT-03 Operational Meteorologist / Research and Development Meteorologist:
• Vancouver - British Columbia
• Edmonton - Alberta

• Winnipeg - Manitoba
• Toronto - Ontario
• Ottawa - Ontario
• Dorval - Quebec
• Montreal - Quebec
• Fredericton - New Brunswick
• Oromocto - New Brunswick
• Dartmouth - Nova Scotia
• Gander - Newfoundland and Labrador

Intent of the process

Anticipatory pools of qualified candidates will be created and could be used to make appointments on an indeterminate (permanent) basis at the MT-01, MT-02 and MT-03 levels.

Furthermore, if candidates who already occupy positions as indeterminate employees of the core public administration are selected within this process, acting appointments, assignments and secondments could be made in the course of the developmental program and up until the MT-03 level indeterminate appointments are made.
Positions to be filled: Number to be determined

Information you must provide

Your résumé.

A covering letter "It is important to follow the instructions on what to include in the cover letter regarding education, professional certification and experience for the essential qualifications and assets. You must also specify whether you wish to be assessed only for the MT-01 stream or whether you also wish to be assessed for the MT-02 and/or MT-03 streams. In addition, please indicate if you are interested in working in the field of Research and Development. Electronic copies of all official transcripts, from all degree programs taken and institutions that were attended, as well as copies of diplomas must also be supplied at the time of your application by submitting them to RecMT01@ec.gc.ca."

In order to be considered, your application must clearly explain how you meet the following (essential qualifications)

ESSENTIAL QUALIFICATIONS

Candidates must clearly demonstrate IN THEIR COVER LETTER how they meet the education, occupational certification and experience criteria listed in the essential qualifications. Candidates must use each of the education, occupational certification and experience criteria as a header. Under each corresponding header, candidates must then write one or two paragraphs clearly demonstrating with concrete examples how they meet each individual criterion. A résumé may be used to validate the experience described in the cover letter. Failure to provide this information in the requested format for the essential qualifications may result in your application being rejected.

Please note that an applicant applying on the MT-01 stream only will not be required to demonstrate that they have already achieved occupational certification or operational experience.

Please indicate IN YOUR COVER LETTER if you are interested in working in the field of research and development.

EDUCATION
For streams MT-01, MT-02, and MT-03
- Graduation with a degree (bachelor) from a recognized post-secondary institution with acceptable* specialization in meteorology;
OR
- Graduation with a degree (bachelor) from a recognized post-secondary institution with acceptable* specialization in Mathematics and a degree or certificate in meteorology*;
OR
- Graduation with a degree (bachelor) from a recognized post-secondary institution with acceptable* specialization in sciences and a degree or certificate in meteorology*.

* Notwithstanding the nature or field of the degree and degree/certificate in meteorology, if applicable, the applicant's transcript(s) from post-secondary institution(s) must encompass, as a minimum prerequisite, the following courses:
- Minimum of 10 (total) academic term courses in physics and mathematics **;
- A course focused on dynamic meteorology;
- A course focused on thermodynamic meteorology;
- A course focused on synoptic meteorology;
- Three (3) other meteorology-related courses.

**For courses not offered directly by the Departments of Physics or Mathematics, an equivalency may count toward the 10 courses if the applicant provides proof of equivalency from the post-secondary institution.

The degree and degree/certificate in meteorology, if applicable, must be completed no later than June 30, 2024, and the proof of completion of these courses must be sent as soon as possible but no later than July 31, 2024.

If you were educated outside of Canada, you must have your degree(s) and certificate(s), if applicable, assessed against Canadian education standards. This will enable you to provide proof of Canadian equivalency when applying for a job in the public service. The public service will accept any Foreign Educational Credentials as long as they are deemed comparable to Canadian standards, through a recognized credential assessment service. Please consult as soon as possible the Canadian Information Centre for International Credentials for more information at http://www.cicic.ca. This process could take 3 to 6 months and you will need to provide this equivalency no later than June 30, 2024.

Degree equivalency: https://www.canada.ca/en/public-service-commission/jobs/services/gc-jobs/degree-equivalency.html

OCCUPATIONAL CERTIFICATION

For stream MT-02 only
- Successful completion of the Meteorologist Operational Internship Program (MOIP) or an equivalent training program accepted by Environment and Climate Change Canada.

For stream MT-03 only
- Successful completion of Environment and Climate Change Canada's Meteorologist Occupational Training Program (MOTP) or an equivalent training program accepted by Environment and Climate Change Canada.

EXPERIENCE
- For stream MT-02 only
Minimum of two (2) years of experience within the past ten (10) years working as an operational meteorologist for a national or regional weather service or private industry, during which your primary responsibility was to prepare and issue a variety of forecasts for clients. In your résumé clearly indicate your position title, start date, and end date (if applicable). IN YOUR COVER LETTER, you will also need to provide a detailed description of your regular workload, types of forecast products you prepared and issued, typical geographic area of responsibility, and role within your office (junior, senior, supervisor, manager, etc.) in order to make a determination on whether the work performed was relevant. You are also asked to provide information on the training you undertook when you first began your position (on-the-job or classroom, length of training, subjects covered, certificates issued, etc.).

- For stream MT-03 only
Minimum of three (3) years of experience within the past ten (10) years working as an operational meteorologist for a national or regional weather service or private industry, during which your primary responsibility was to prepare and issue a variety of forecasts for clients. In your résumé clearly indicate your position title, start date, and end date (if applicable). IN YOUR COVER LETTER, you will also need to provide a detailed description of your regular workload, types of forecast products you prepared and issued, typical geographic area of responsibility, and role within your office (junior, senior, supervisor, manager, etc.) in order to make a determination on whether the work performed was relevant. You are also asked to provide information on the training you undertook when you first began your position (on-the-job or classroom, length of training, subjects covered, certificates issued, etc.)

If you possess any of the following, your application must also clearly explain how you meet it (other qualifications)
While all essential qualifications have to be met, not all the asset qualifications and organizational needs advertised will necessarily be used when making any appointment from the process.

Candidates must clearly demonstrate IN THEIR COVER LETTER how they meet the education, occupational certification and experience criteria listed in the assets qualifications if they do meet any. Failure to provide this information may result in the asset criteria being considered not met.

ASSET QUALIFICATIONS

EDUCATION
- Master’s degree from a recognized post-secondary institution in Atmospheric Sciences, Meteorology, Physics, Mathematics, or another science closely related to the position;
- University courses from a recognized post-secondary institution in Communications, Project Management, Geographic Information System, Hydrology, Oceanography, Ice Physics, Land Surface modelling, Risk Analysis, Impact Assessment, Air Quality, Climatology, Atmospheric Remote Sensing, Engineering, Computer Science, Statistics, Artificial Intelligence OR Data Management or Assimilation.

Degree equivalency: https://www.canada.ca/en/public-service-commission/jobs/services/gc-jobs/degree-equivalency.html

OCCUPATIONAL CERTIFICATION
- Successful completion of a Meteorologist Training Program offered by a National or Regional Weather Service or Private Industry, in line with the World Meteorological Organization (WMO) Guidelines for the Education and Training of Personnel in Meteorology or Operational Hydrology.

EXPERIENCE
- Experience working as an operational meteorologist;
- Experience in media communication;
- Experience in writing case studies, scientific reports, scientific publications, or technical documents;
- Experience in designing, programming, or configuring scientific computer systems;
- Experience in developmental project related to atmospheric sciences;
- Experience working in a field related to meteorology such as oceanography, hydrology, air quality, ice forecast, climatology, environmental forecasts, numerical modeling, data assimilation, remote sensing;
- Experience with statistical analysis related to the evaluation of environmental forecast performance.

The following will be applied / assessed at a later date (essential for the job)
Various language requirements
- Stream MT-01: English Essential (Edmonton) and French Essential (Montreal)
- Stream MT-02: English Essential across Canada (including Montreal), French Essential (Montreal) and Bilingual imperative (BBB/BBB) (Montreal)
- Stream MT-03: English Essential across Canada (except Montreal, Dorval and Ottawa), Bilingual imperative (BBB/BBB) (Montreal, Dorval, Ottawa, Dartmouth, Oromocto), Bilingual non-imperative (BBB/BBB) (Montreal, Dorval, Ottawa)

Information on language requirements: https://www.canada.ca/en/public-service-commission/jobs/services/gc-jobs/language-requirements-candidates.html

KNOWLEDGE
For streams MT-01, MT-02, and MT-03
- Knowledge of the theories and principles of meteorology.

COMPETENCIES
For streams MT-01, MT-02, and MT-03
- Communication
- Adaptability
- Working with others
- Thinking

- Initiative
- Demonstrating integrity and respect

In addition for streams MT-02 and MT-03 only:
- Ability to apply theoretical meteorology concepts
- Client focus
- Attention to detail
- Planning and organizing
- Problem-solving and decision-making under pressure

The following may be applied / assessed at a later date (may be needed for the job)

COMPETENCY FOR STREAM MT-01
- Client focus

Selection may be limited to members of the following Employment Equity groups: Aboriginal persons, persons with disabilities, visible minorities, women

Information on employment equity: https://www.canada.ca/en/public-service-commission/jobs/services/gc-jobs/employment-equity.html

Conditions of employment

Reliability Status security clearance - The pool may also be used to staff positions that require a secret security clearance.

OTHER CONDITIONS OF EMPLOYMENT
- Shift work (day, evening, night, weekends, statutory holidays) on a 24/7 basis *;
- Presence required at the working desk for the entire shift or operational training*;
- Be available to work overtime with minimal notice*;

*The pool may also be used to staff Research and Development positions (MT-03) that don't require shift work, presence required at the working desk or working overtime. This exception doesn't apply to positions as Interns (MT-01) or Developmental Meteorologists (MT-02) in the MOTP.

Mobility to various offices across Canada is a requirement of the job in order to respond to the Meteorological Service of Canada's operational needs. Employees in positions as Interns (MT-01), Developmental Meteorologists (MT-02), and for the first three (3) years as Meteorologists (MT-03) are part of a national pool. MSC reserves the right to apply the mobility requirement to all MT-01, MT-02, and MT-03 in the national pool to meet the needs of the organization.

Other information

The Public Service of Canada is committed to building a skilled and diverse workforce that reflects the Canadians we serve. We promote employment equity and encourage you to indicate if you belong to one of the designated groups when you apply.

Information on employment equity: https://www.canada.ca/en/public-service-commission/jobs/services/gc-jobs/employment-equity.html

NOTE: Interested persons must demonstrate how they meet each essential qualification and condition of employment to be appointed to a position. A qualified person may be appointed to a position even though he or she does not meet the asset qualifications or organizational needs.

Acknowledgment of receipt of applications will not be sent. We will contact candidates when the screening process is completed. Candidates must clearly demonstrate how they meet the "area of selection" ("Who can apply") for the process. Do not fax or mail in hard copy documents as these will not be accepted. It is imperative that candidates provide accurate contact information and update it if need be. Candidates who submit their application for this selection process must indicate on their application a valid e-mail address and ensure that this address is functional at all times and accepts messages from unknown users (some email systems block these kinds of e-mails).

In addition to your online application, it is important to note that you MUST additionally provide the following information via email to RecMT01@ec.gc.ca:

-Your transcript(s) for undergraduate and/or graduate studies showing a detailed list of courses (with complete titles) of all courses taken, courses that you are currently taking or will be taking this academic year. These transcripts must demonstrate that you meet the essential education criteria (mandatory meteorology, and other courses). If you meet assets, you need to send the transcript(s) associated with those assets as well. We require official transcripts for those candidates who have already completed their educational program, otherwise unofficial screenshots of transcripts in-progress will suffice until completion of the degree or certificate.

-A copy of your diploma(s) (only for those candidates who have already completed their educational program).

Your résumé, cover letter and transcript(s) must clearly demonstrate how you meet the indicated requirements.

You must provide proof of your education credentials and you will have to eventually show an original copy of these documents. Candidates who possess foreign credentials must provide a proof of Canadian equivalency during the process. Please consult, as soon as possible, the Canadian Information Centre for International Credentials for more information at http://www.cicic.ca.

A proof of Canadian citizenship or permanent residency must be provided at a later date (birth certificate from a Canadian province or territory, valid Canadian passport, citizenship certificate or permanent resident card). People with a valid Canadian work permit residing temporarily in Canada can apply to the process but cannot receive an indeterminate/permanent job offer. Preference will be given to Canadian citizens and Canadian permanent residents residing either in Canada or abroad.

Candidates have the right to participate in the appointment process in the official language (English or French) of their choice and are asked to indicate their preference in their application.

Candidates who meet the educational requirements will be assessed against the Statement of Merit Criteria, using one or several of the following tools: written exam, interview, questionnaire, online exam and reference check. Pass marks will be established for each essential qualification. However, achieving the passing mark is not a guarantee of an appointment or that candidates will advance to the next stages of the assessment

process. A cut off score may be used and top-down approach may be used at any step if there is a sufficient number of candidates to meet the needs.

Interviews and evaluations will be held in February, March and April 2024.

Please note that if you are selected, as an MT-01 you will first be assigned to one of the two training centres located in Montreal (Quebec) or Edmonton (Alberta) for a period of approximately 7 to 8 months. Upon completion of this training in classroom, as an MT-01, an MT-02 and then an MT-03, you may be relocated to one of the Meteorological Service of Canada Centres as listed previously.

If you are selected as an MT-02 or MT-03, you will be assigned to one of the Meteorological Service of Canada Prediction Centres listed previously.

Please note that if you are interested and selected, you may be eligible to be targeted for development in a Research and Development stream of meteorology, following initial training and certification as an Operational Meteorologist up to the MT-03 level. Candidates who are interested in pursuing a career in R&D following their initial certification period in operational meteorology should state their intent in their cover letter.

The Initial Appointees Integrated Relocation Program stipulates that all newly appointed employees to the Federal public service can claim expenses for relocation within the limitations of the program. Please refer to the Relocation Directive of the NJC at: http://www.njc-cnm.gc.ca/directive/index.php?did=6&lang=eng&merge=2 and the Initial Appointees Relocation Program at: http://www.tbs-sct.gc.ca/psm-fpfm/pay-remuneration/travel-deplacements/iairp-prinefp-eng.asp.

We thank all those who apply. Only those selected for further consideration will be contacted. Acknowledgment of receipt of applications will not be sent; we will be communicating only with the selected candidates once the pre-screening process is completed.

Preference

Preference will be given to veterans first and then to Canadian citizens and permanent residents, with the exception of a job located in Nunavut, where Nunavut Inuit will be appointed first.

Information on the preference to veterans

We thank all those who apply. Only those selected for further consideration will be contacted.

Contact information

Julien Laflamme, Human Resources Advisor
julien.laflamme@ec.gc.ca
Apply online: https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1710?careerChoiceId=2078153&psrsMode=1

Date modified: 2023-12-12
