



## The Weather Network is Looking for You... Now Hiring People with a Sunny Outlook

### *Benefits of working for Pelmorex /The Weather Network:*

- Named one of Top 50 Best Managed Companies in 2007
- Working with an innovative team of over 300 employees
- Keeping pace with the growth of technology, we offer unique integration of creativity, science and technology
- Leader in employment equity and diversity
- Dynamic, fast-paced environment, open-door philosophy
- State of the art facilities

### **Meteorologists (2 Full Time; 1 On-Call)**

*Oakville, ON*

The Meteorologist position encompasses a Meteorological Briefing and Forecasting role.

#### **Forecasting:**

The meteorologist is responsible for the quality control of a database of weather forecast parameters. Each weather forecast parameter is made available on a regular numerical grid across Canada. The role is responsible for the monitoring of incoming weather data, real-time and statistical forecast verification, and subsequent quality control checking of the numerical forecast grids using grid-based editing tools. The production of the weather forecast grids is automated.

#### • **Forecaster Responsibilities:**

- Populate the database with newly generated forecast grids as they become available, according to standard operating procedure
- Apply professional expertise in verifying NWP model predictions which are used as the basis for the automated forecast grids
- Maintain and utilize real-time forecast verification techniques to identify forecast error
- Utilize, review and suggest improvements to statistical forecast verification techniques used to support the diagnosis of forecast error
- Quickly identify forecast errors, and if necessary make modifications to the automated forecasts, the objective being to improve the accuracy of the forecasts. Any modifications to be made in accordance with internal forecast amendment criteria

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- Monitor current weather conditions and perform regular quality control checks on the forecast grids, modifying the grids if necessary in the light of observational evidence and in accordance with internal forecast amendment criteria
- Provide substantial feedback to aid in the improvement of systems, tools, procedures, and especially the automated forecasting process

#### **Meteorological Briefer Responsibilities:**

- Responsible for the analysis, interpretation and dissemination of meteorological data
- Provide accurate and detailed updates for On-air Presenters and Producers, especially in cases of active or severe weather.
- Oversee the on-air presentation of all meteorological information to ensure the integrity of the product, including providing timely and accurate research and support to the News Department.
- May be required to go on-air on occasion to provide further or specialized information to our viewers.
- Be available to other Departments of Pelmorex or our clients such as radio stations or newspapers, to provide on-the-spot interviews or to present information.
- Provide research and background information on meteorological and climatological phenomena and trends, including special feature projects and elements such as Weather Glossary, Trivia and Monthly Totals.

#### **Meteorological Briefer/Forecaster Shared responsibilities include:**

- Be actively involved in the training of junior meteorologists and studio staff
- Assist in the development of new methodologies, on air graphics and program content through discussion and feedback

#### **The Meteorologist's success (as part of the team of meteorologists) is measured primarily by:**

- The meeting of delivery deadlines
- Accuracy improvement as a result of the quality control process (it is expected that the accuracy of the forecasts will not deteriorate as a result of human intervention)
- The willingness of the individual to provide helpful feedback, to assist in improving the forecast automation process

The nature of the business means that there are numerous delivery deadlines to be met each day with shift work required to cover 24 hours x 7 days per week.

#### **Qualifications, Background and Skills required**

- Graduate with a degree in meteorology or related discipline
- Strong knowledge of Canadian climates and geography.
- Solid understanding of numerical models and their output.

- Strong computer knowledge/technical background ; is expected to be comfortable working with new meteorological technology
- Ability to maintain accurate weather forecasts, by correctly identifying the key atmospheric processes and all the significant weather elements

## COMPETENCIES

- Ability to adapt working practices as new technology becomes available
- Strong Data Analytic Skills: the ability to decide which data from a large amount is relevant to improving the accuracy of the forecast
- Judgment: knowing when the optimum amount of effort in analyzing the data has been reached to achieve the required level of forecast accuracy without impinging on service deadlines
- Working under pressure: the ability to handle a variety of tasks at the same time and work to continual tight deadlines is an on-going part of the role
- Planning and Organization: although a certain amount of the daily work is prescribed, much of the day's work needs to be planned so that all of the work is completed as effectively and efficiently as possible with each of the multiple tasks progressed as needed to meet the required output
- Monitoring: the ability to monitor the delivery processes at the various key stages and take corrective action where necessary e.g. completeness of incoming raw data, completeness and timeliness of internally processed data, completeness of delivered forecasts
- Team Working: the ability to work as part of a team in jointly producing output both within the Meteorology operation on and across shifts and with other groups within TWN is critical

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Qualified applicants should submit their resume to: *Human Resources*, Fax: 905-829-1332 or *email*: [hr@pelmorex.com](mailto:hr@pelmorex.com). Pelmorex is committed to equity in the workplace.