

Forecaster I

Department: Infrastructure, Housing and Environment

Division: Natural Environment

Reports to: Senior Meteorologist Forecasting Manager / Senior Meteorologist Manager

JE Reference: IHE1031

Grade: 11

Job purpose

Being responsible for the provision of forecasting predictions based on a daily scientific study of weather conditions and the operational running of the forecasting team to support the provision of meteorological services in accordance with local, national and international standards and agreements.

Job specific outcomes

Maintain a continuous weather watch by monitoring observations and forecast data from all sources, alongside using knowledge and experience of the Channel Islands microclimate, to provide a consistent and accurate weather story across the team ensuring the provision of a consistent and reliable weather service to the Island.

As part of a 24/7 working model, provide observations of current weather and prepare daily and monthly meteorological and climatological statistical reports monitoring weather and climate trends and identifying and predicting changes for scientific and socio-economic purposes, to enable customers to plan commercial, operational, travel and leisure activities making informed medium and long term economic and / or investment plans and setting contingencies in place if required.

Support the Senior Managers with report writing, reviewing and contributing where possible in order to support pan island strategic planning for socio-economic projects, adaption to climate change and future infrastructure.

Identify areas for improvement or engagement in order to continuously improve and adapt forecast products and services, highlighting where benefits may be island wide or may lead to future revenue streams or raising the office profile.

Supervise more junior meteorological staff on duty, deploying work strategies, ensuring staff are conversant with all aspects of their work, maintaining discipline on watch and helping with administration matters, so as to ensure an efficient meteorological forecasting service is provided at all times.

Initiate and ensure the timely issuing of weather and climatological hazard and danger warnings, enabling customers to make weather related decisions and take required measures to protect the general public and minimise impacts on economic activities.

Deliver forecasting related training needs to junior colleagues to ensure the Meteorological Service has the most appropriate skills and resources in place to be able to provide a professional forecasting service at all times.

Issue weather forecasts and other meteorological information in live radio broadcasts and provide scripts for other media channels, so customers can rely on the best weather information being available.

Issue weather forecasts and other meteorology/climatology information through live radio broadcasts and providing scripts for other media channels, ensuring customers and the public have the most accurate and up to date weather information.

Ensure adequate resources are in place to maintain a continuous service within the constraints of the office budget, such as in the event of staff sickness/absence, initiation of contingency procedures or other resource limitations.

Respond effectively to reactive unplanned work aligned to agreed contingency plans, ensuring that processes and resources are deployed effectively to keep meteorological service disruption to a minimum and support the safety, security and general welfare of Islanders.

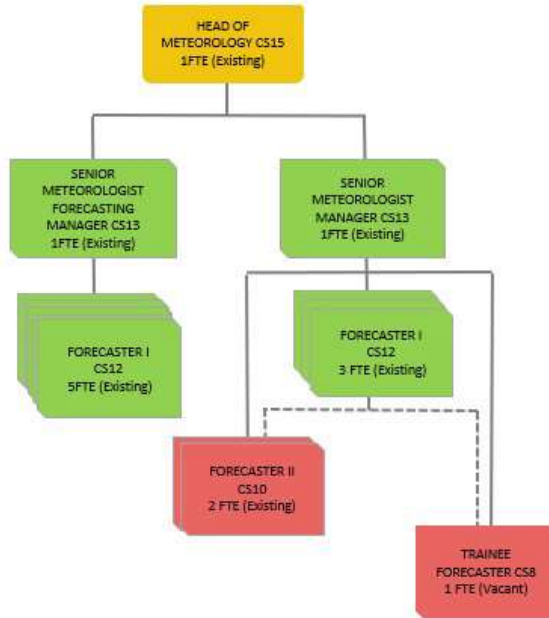
Respond effectively to ad-hoc requests for additional weather information supporting emergency services in the lead up to and during severe weather events affecting the Channel Islands, including ad-hoc requests for interviews or statements from the media.

Statutory responsibilities

Active engagement, participation and compliance with any other statutory responsibilities applicable to the role, as amended from time to time.

This role is politically restricted. The job holder is not permitted to undertake political activity involving standing for election to the Government or as a Parish Constable, or publicly supporting someone who is standing for election or playing a public part in any political manner.

Organisational structure



Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
<p>Qualifications <i>Please state the level of education and professional qualifications and / or specific occupational training required.</i></p>	<p>Degree qualification in Meteorology, a Physics related science discipline or Mathematics together with further qualification or equivalent to QCF level 5 qualification as an independent Forecaster.</p> <p>Post graduate qualification in Meteorology and Forecasting to the standards and curriculum specified by the World Meteorological Organisation or equivalent.</p> <p>Registered Meteorologist status or equivalent and membership of a relevant professional body (e.g. Royal Meteorological Society)</p>	<p>Chartered Meteorologist status or equivalent and membership of a relevant professional body (e.g. Royal Meteorological Society)</p>
<p>Knowledge <i>This relates to the level and breadth of practical knowledge required to do the job (e.g. the understanding of a defined system, practice, method or procedure).</i></p>	<p>Knowledge of:</p> <p>The latest theory and practices, processes and techniques as related to their industry, including ongoing Continuing Professional Development</p> <p>Expert knowledge of the behaviour of weather systems within the local context</p> <p>Knowledge of performance management and understanding of performance metrics</p>	<p>Knowledge of:</p> <p>The activity and processes of Government</p> <p>Management reporting as it relates to this role</p> <p>The departmental priorities, key objectives, risks and issues relevant to the department division and the role</p>

<p>Technical / Work-based Skills <i>This relates to the skills specific to the job, e.g. language fluency, vehicle license etc.</i></p>	<p>Computer literate with ability to operate the Microsoft Office package.</p> <p>Ability to use forecasting models and technical business applications designed to capture, store, manipulate and analyse data as relevant to their area.</p> <p>Mentoring skills.</p>	<p>Driving licence (Group B)</p> <p>Ability to learn and develop skills in computer coding using modern language as related to automation and publishing on the internet.</p>
<p>General Skills/Attributes <i>This relates to more general characteristics required to do the job effectively, e.g. effective written communication skills, ability to delegate, motivation or commitment etc.</i></p>	<p>Problem solving, negotiation and influencing skills</p> <p>Excellent communication skills</p> <p>Keyboard skills</p> <p>Ability to develop innovative approaches to change and service delivery</p> <p>Ability to lead, motivate and manage teams to facilitate achievement of high delivery and performance and manage poor behaviour.</p> <p>Strong relationship building skills</p> <p>Ability to present effectively, both verbally and in writing</p> <p>Ability to produce written materials (e.g. letters, reports, discussion papers, proposals) to a high level for presentation</p>	
<p>Experience</p>	<p>Experience of:</p>	

<p><i>This is the proven record of experience and achievement in a field, profession or specialism. This could include a minimum period of experience in a defined area of work if required by an external body (for example a period of post-qualification experience).</i></p>	<p>A minimum of 5 years' experience in forecasting different weather situations throughout the year</p> <p>Managing the operational delivery of relevant technical / operational services</p> <p>Managing staff and budgets</p>	
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Core Accountabilities, Attributes and Behaviour Indicators

Appointees to this role will be required to adhere to and perform their duties in line with the standards identified in the Government of Jersey tier 4 core accountabilities attributes and behaviour indicators.

Organisational structure

