

Trainee Forecaster

Department: Infrastructure, Housing and Environment

Division: Natural Environment

Reports to: Senior Meteorologist Forecasting Manager / Senior Meteorologist Manager

JE Reference: IHE1034

Grade: 8

Job purpose

Learning and acquiring practical skills for the provision of a comprehensive meteorological service for Jersey and the Channel Islands jurisdiction for all sectors of the community reliant on weather forecasts, including aviation and shipping.

This is done in conjunction with observing the weather for meteorological and aeronautical purposes to support the safe operation of such activities.

Job specific outcomes

Study and learn the fundamentals of forecasting and their practical application in a Channel Island context through a mixture of formal training and self-study.

Provide observations of the current weather and assist in the preparation of daily and monthly meteorological and climatological statistical reports

As Meteorological Observer, undertake meteorological observations which accurately describe all aspects of the weather by making subject assessments and using a range of complex systems and meteorological instruments.

Record and process climatological information and analyse observations and other forms of data to compile reports and statistics for a variety of purposes.

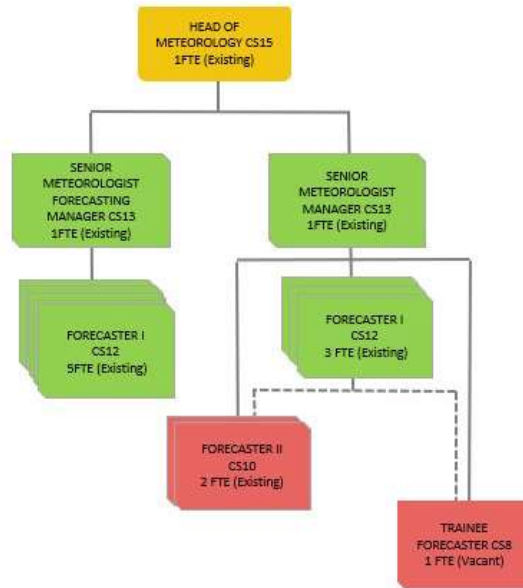
Decode and encode meteorological observations and forecast reports according to international codes.

Distribute meteorological observations, forecasts and other reports that Forecasters, air Traffic Controllers, aircrew, the media and other customers receive required weather information on time.

Statutory responsibilities

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

Organisational structure



Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
<p>Qualifications Please state the level of education and professional qualifications and / or specific occupational training required.</p>	<p>Degree qualification in Meteorology, a Physics related science discipline or Mathematics</p> <p>The post holder will be expected to undertake the standard minimum training and gain experience as follows:</p> <ul style="list-style-type: none"> • In-house basic meteorological training through a mix of formal and informal sessions led by senior staff, covering theory and practice essential to be able to start working as a forecaster • Furthering learning through self-study • Post graduate training in Meteorology and Forecasting to the standards and curriculum specified by the World Meteorological Organisation 	<p>In-house Meteorological Observing training leading to the Aviation Observer Certificate assessed and awarded by the UK Meteorological Office</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>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,</p>

	Knowledge of the behaviour of weather systems in general	risks and issues relevant to the department division and the role
<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 learn and develop skills in computer coding using modern language as related to automation and publishing on the internet</p> <p>Ability to learn and develop in the use of forecasting models and technical business applications designed to capture, store, manipulate and analyse data as relevant to their area.</p>	Driving licence (Group B)
<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 skills</p> <p>Excellent communication skills</p> <p>Keyboard skills</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 <i>This is the proven record of experience and achievement in a field, profession or specialism. This could include a minimum period</i></p>		

<p><i>of experience in a defined area of work if required by an external body (for example a period of post-qualification experience).</i></p>		
--	--	--

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 5 core accountabilities attributes and behaviour indicators.

Organisational structure

