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## Meteorologist 12

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### GS-1340-12

NOTE: THE SENTENCE IN PART I DESCRIBING THE PURPOSE OF THE POSITION AND PARTS II AND III IN THEIR ENTIRETY ARE PERMANENT PARTS OF THE LIBRARY AND MAY NOT BE CHANGED OR EDITED IN ANY WAY.

#### I. INTRODUCTION

This position is located in:

This position provides journey-level meteorological services involved in forecasting programs or climatological studies.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

Performs a wide range of assignments of considerable difficulty and complexity in forecasting or climatology. May perform one or more of the following:

Prepares and issues forecast and severe weather warnings for aviation, marine and storm surge warnings, public weather forecast, etc. May perform focal-point duties for a specific meteorological program area.

Consults with a wide variety of government and other officials to determine specific needs for climatological services; devises techniques and procedures to assure uniform processing system that is responsive to those needs. Tests and evaluates accuracy and operational feasibility of new meteorological products.

Provides technical guidance on climatological projects such as preparing monthly, seasonal, and annual cross sections of temperature, pressure and density from pole to pole, including standard deviations of parameters and ranges from the earth's surface to mesospheric heights.

#### III. FACTOR LEVELS

Factor 1 - Knowledge Required FL 1-7, 1250 pts.

Knowledge of theories, methods and techniques of professional meteorology sufficient to serve as a recognized specialist on assignments of considerable difficulty and complexity, such as serving as shift or focal point forecaster, or specialist for a meteorological sub-discipline.

Ability to develop innovative approaches and techniques for specialized applications sufficient to prepare and issue a variety of forecast products, e.g, public service, aviation, and other specialized weather services; or to determine needs, techniques, and procedures for specific climatological services.

Factor 2 - Supervisory Controls FL 2-4, 450 pts.

Assignments are received in broad terms with a general outline of objectives. Supervisor and employee may collaborate on items of new technology, with most or all technical responsibility delegated to employee. Controversial problems are brought to supervisor for advice and assistance. Completed work is reviewed for adequacy and compliance with overall policy.

Factor 3 - Guidelines FL 3-4, 450 pts.

Standard operating procedures exist in forecast offices; otherwise technical literature is available. Assignments often require significant deviations from guidelines, or development of novel approaches for specific applications or assignments.

Factor 4 - Complexity FL 4-4, 225 pts.

Assignments consist of: independent forecasting on shifts; evaluating observations; analyzing weather systems in terms of a number of computer weather models; and determining whether to issue advisories or warnings. The latter is usually done under pressure of deadlines, often with inadequate, incomplete, or contradictory data. Climatological studies are based on a wide variety of data which must be interpreted and/or reconciled.

Factor 5 - Scope and Effect FL 5-4, 325 pts.

Purpose of work is to make a wide variety of technically sound commitments and recommendations. These are relied upon by management, the general public and special user groups in planning their activities and actions affected by weather.

Factor 6 - Personal Contacts FL 6-3, 60 pts.

Contacts are with employees in the unit, officials of other Federal, state and local government agencies, general and specific nongovernmental user groups, and the general public.

Factor 7 - Purpose of Contacts FL 7-2, 50 pts.

Contacts are to determine specific service needs and requirements, evaluate quality of service furnished, and make a wide variety of commitments and recommendations.

Factor 8 - Physical Demands FL 8-1, 5 pts.

Work is primarily sedentary, and may involve rotating shifts.

Factor 9 - Work Environment FL 9-1, 5 pts.

The work is performed in a typical office setting.

TOTAL = 3,020 pts.

This position is exempt from coverage under the Fair Labor Standards Act.

#### **IV. UNIQUE POSITION REQUIREMENTS**

(Last Updated: November 4, 1994)

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