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## Meteorologist 13

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### GS-1340-13

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 conducts expert-level analyses of complex weather patterns or develops advanced techniques within a meteorological specialty area.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

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

Serves as senior forecaster providing warnings, advisories, aviation and other forecasts to general public and special user groups. Coordinates shift products, warnings, and forecasts.

Serves as staff specialist for one or more major product areas such as satellite meteorology, marine weather, hydrometeorology, aviation, etc.

Determines forecast guidance requirements, working with echelons at all levels to evaluate and improve guidance packages. Makes recommendations on improvements.

Develops area-wide warning and preparedness programs and severe weather public awareness programs. Oversees transfer of technology from research to operational environments.

#### III. FACTOR LEVELS

Factor 1 - Knowledge Required FL 1-8, 1550 pts.

Mastery of the theories, methods and techniques of professional meteorology, sufficient to serve as senior forecaster for a wide variety of products, or to serve as a staff specialist working to improve forecast guidance requirements and packages for one or more of the major product areas. Knowledge of working operations of organizations involved sufficient to translate headquarters program requirements to field office operations.

Factor 2 - Supervisory Controls FL 2-5, 650 pts.

Assignments are received in terms of missions or objectives. Employee is responsible for designing projects and for technical accuracy and completeness of results. Employee refers questions of change in scope and/or direction of projects 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.

Operations manuals are available which state general forecast procedures to follow and standard terminology for given weather situations are available. Other guidelines tend to be scientific literature. In all cases, unusual

judgment must be exercised to determine their applicability to plethora of, at times, conflicting data, or very complex meteorological problems.

Factor 4 - Complexity FL 4-5, 325 pts.

Assignments involve new systems for communication, data acquisition, and integration of meteorological data which have substantially increased the volume, frequency, and types of data available to forecasters and analysts. The work requires creation of new techniques and approaches to meet objectives.

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

Forecasts and warnings must be accurate and timely as they are essential to public safety and have significant impact on area's economy; or improved guidelines and requirements developed must be effective as they affect the nation's forecast programs.

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

Contacts may include state and local officials with decision responsibilities or authority for dealing with community response to weather threats and natural disasters as well as technical and policy experts within and outside the organization, and the media.

Factor 7 - Purpose of Contacts FL 7-3, 120 pts.

The purpose of contacts is to negotiate technical approaches to problems; plan with and secure the cooperation of client officials in furthering preparedness programs; and negotiate and explain service levels to specialized and government clients.

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

Work is primarily sedentary, and may involve rotating shifts on weekends and holidays.

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

Work is performed in a typical office setting.

TOTAL = 3,290 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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