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Meteorologist 14

GS-1340-14

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 analysis and planning of techniques development and/or client relationship programs, either at forecast offices with unusual operational scope or in units with broad program development responsibility.

II. MAJOR DUTIES AND RESPONSIBILITIES

Leads meteorological program area in regional or headquarters environment. Leads efforts to identify weather-related program objectives, coordinating efforts to develop, field test and implement hypotheses; develops area-wide warning and preparedness protocols; oversees transfer of technologies from research to operational environments; develops and implements area-wide severe-weather public awareness programs; and leads area-wide assessments of quality and timeliness of products and services.

III. FACTOR LEVELS

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

Mastery of theoretical meteorology, mesoscale and synoptic meteorology, computer methods of numerical weather analysis and prediction, and atmospheric computer models, sufficient to provide leadership for a program area. As appropriate, highly advanced knowledge of numerous meteorological specialty areas (marine, severe storms, etc.).

Knowledge of the bureau's weather-related programs, their relationships with each other and to the many user communities, to coordinate efforts of headquarters or regional specialists in developing, testing, and implementing program and product enhancements.

Knowledge of the principles and theories of hydrology to lead hydrometeorological studies in forecast efforts.

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

Assignments are provided in terms of objectives. Employee plans, designs, and carries out programs, projects, or studies to achieve objectives. Results are considered technically accurate and evaluated in terms of achievement of objectives and advancement of program or technology. Recommendations for new projects are considered in light of resources available and congruence with national and/or regional priorities.

Factor 3 - Guidelines FL 3-5, 650 pts.

Existing guidelines cover past preparedness or warning and forecast formats. Continuing technological changes and implementation of state-of-art enhancements require incumbent to adapt and devise new guidelines which are relied upon by others as well. Scientific and technical literature, and basic mission statements are referred to but require considerable adaptation.

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 major operational and development objectives.

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

The work involves techniques and protocols development; assessment of the quality and timeliness of services and products; and developing and fostering productive efforts with communities, research institutions, and other client groups. The effect of the work is to further NOAA's mission to save lives and property through forecasts and warnings, and to further the work of other experts in the field.

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 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.

The work is sedentary and may involve rotating shifts.

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

The work is performed in an office setting.

Total = 3690 pts.

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

IV. UNIQUE POSITION REQUIREMENTS

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