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## Meteorological Technician 11

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### GS-1341-11

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

The incumbent of this position performs technical work related to weather forecasting, observations, research, climatology, and/or other areas of meteorology.

#### II. MAJOR DUTIES AND RESPONSIBILITIES

Participates in all forecast and service programs, local studies and developmental projects to incorporate new scientific and technological capabilities. Participates in fostering improved service through interaction with users and special interest groups. Provides weather advice and guidance to a number of different groups and interests. Assists in the acquisition, management and quality control and collaboration of specific weather data. Participates in verification studies. Monitors NEXRAD Unit Control Position.

#### III. FACTOR LEVELS

FACTOR 1. KNOWLEDGE REQUIRED BY THE POSITION FL 1-7, 1250 points

Knowledge of operational meteorology and hydrology gained by extensive training and experience, and hydrological characteristics of service area to develop forecasts, warnings and weather advisories. Ability to collect, analyze, interpret, adjust and verify complex and conflicting meteorological and hydrological information and data. Ability to communicate effectively both orally and in writing to disseminate critical weather information to the public.

FACTOR 2. SUPERVISORY CONTROLS FL 2-4, 450 points

The incumbent performs data assimilation and dissemination tasks independently. Supervisor provides general oversight of technical products. Work is primarily reviewed after the fact for timeliness. If working in a shift environment, the incumbent works under the general oversight of a shift leader. In most shift work situations technical supervision is not readily available.

FACTOR 3. GUIDELINES FL 3-4, 450 points

Existing guidelines are operational procedures which define numerous matters relative to work output. General policy guidelines are found in Operations Manuals, organizational directives and other related NOAA manuals. Assignments require initiative and resourcefulness to deviate from established procedures or precedents, and the employee uses mature judgment to generate new approaches to problems and unique situations.

FACTOR 4. COMPLEXITY FL 4-4, 225 points

Work requires the performance of various technical duties which involve differing and unrelated and quickly changing processes and methods. There are a number of possible approaches for planning and executing the work and the employee is expected to exercise discretion in choosing the best technical/operational approach in

light of rigid deadlines. Judgment is required in applying a wide range of conventional, established approaches, methods, techniques, and solutions to new situations.

**FACTOR 5. SCOPE AND EFFECT FL 5-4, 225 points**

The purpose of the work is to provide expert advice concerning weather products. The results affect the safety and/or economic well-being of large groups of the general public, as well as the work of other Meteorological personnel. Errors in work can have lasting negative effects.

**FACTOR 6. PERSONAL CONTACTS FL 6-2, 25 points**

Contacts are with the general public, various media interests, individuals/organizations involved in the dissemination of weather information, various Federal, state and local governmental agencies involved in weather and weather-related impacts, and other agency personnel.

**FACTOR 7. PURPOSE OF CONTACTS FL 7-2, 50 points**

Contacts are to provide weather information and technical judgments, to persuade/influence a specific course of action and to recruit and maintain necessary secondary sources of information.

**FACTOR 8. PHYSICAL DEMANDS FL 8-1, 5 points**

The work is primarily sedentary and is usually performed in a rotating shift environment. Period of heightened office activity can be stressful and can result in extended work hours without rest.

**FACTOR 9. WORK ENVIRONMENT FL 9-1, 5 points**

The work is usually performed in an office setting. Travel may be required.

Total: 2685

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

**IV. UNIQUE POSITION REQUIREMENTS**

(Last Updated: )

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