Meteorological Technician

AD-E

Southern California Geographic Area Coordination Center

Statement of Work:

Uses computers to gather, analyze, and interpret various meteorological related data across the local Geographical Area on a daily basis. This is accomplished by monitoring various types of data such as radar, satellite, and surface observations so that a comprehensive evaluation of conditions can be assessed.

Maintains and updates various meteorological databases through the means of data entry. Prepares and generates reports to reflect climatological trends, anomalies, and standard deviations. Reports should serve to assist Predictive Services' meteorologists with a better understanding of historical meteorological conditions across the Geographic Area, and to help improve forecast techniques and product accuracy.

Checks relevant meteorological data, including National Weather Service products, and notifies the Predictive Services' meteorologist on duty of any errors or inconsistencies within the dataset. This includes identifying routine weather data-related problems, questions, or situations, using established criteria, including recognizing unusual or unexpected results in the data, e.g., instances of missing or conflicting data.

As time permits, the incumbent will assist Predictive Services' meteorologist on duty by gathering all pertinent meteorological data, performing data analysis, and data entry. This includes running local computer applications to ingest various data sets such as temperature, humidity, and winds for the generation of Predictive Services' products. Works with the meteorologist on duty to interpret weather patterns of various meteorological systems, taking into consideration influencing factors such as the terrain in the assigned area. Checks all Predictive Services' products for any inaccuracies or inconsistencies, and alerts the Supervisory Meteorologist of any rapidly changing weather conditions that may affect the validity of these products.

Must hold a degree in Meteorology and have experience with database programs and be able to navigate through various weather related webpages to find and analyze weather data.

Approved 7/1/2013

Gale Turner
R5 IAC