



Howard Marc - 44

“ I have always been interested in research and data, but I never had any desire to be on camera, so a job in meteorology would not have occurred to me. I thought the next step after school was to be a weatherman. Yes, that is one career option, but I found out there is so much more. You can work for private companies, the military, academic institutions, or even for a government agency. The National Weather Service and NASA are examples that most people are probably familiar with.

You have to be good at math and physics to do this job, and understanding computer science, and more recently tracking trends in AI modeling, are key to being successful with accuracy. There are so many variables that can affect the outcome of a prediction. I really enjoy the uncertainty. It's like playing a game of chess, you always have to be thinking of multiple outcomes and options. There are so many career options in this field. I highly recommend it.

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Occupation:

Meteorologist

Salary:

\$86,834

Education:

Bachelor's Degree

Job Description:

Atmospheric and Space Scientists investigate atmospheric phenomena and interpret meteorological data, gathered by surface and air stations, satellites, and radar to prepare reports and forecasts for public and other uses. Includes weather analysts and forecasters whose functions require the detailed knowledge of meteorology.*



Job Description:

SOC Code: 19-2021

Top Job Skills:

- Customer service
- Risk management
- Present information
- Conduct research
- Write informational material

General Work Activities:

- Mental Processes
 - Develop theories or models of physical phenomena
 - Interpret research or operational data
- Interacting With Others
 - Provide technical information or assistance to public
 - Direct technical activities or operations
 - Teach classes in area of specialization
 - Instruct college students in physical or life sciences
- Information Input
 - Conduct climatological research
 - Test computer system operations to ensure proper functioning
- Work Output
 - Develop training materials
 - Prepare research or technical reports on environmental issues
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Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.o*net.org).

JOB STATISTICS:



Typical Wage Range

\$60,110 - \$128,020



Projected Growth

10/yr Job Openings



Employed In-State

80



Required Education

Bachelor's Degree



Work Experience

Typically
Requires None



On-the-Job Training

Typically
Requires None

*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Trident
- Santee-Lynches

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Chickasaw Nation Industries, Inc.
- DAWSON
- Vaisala

RELATED OCCUPATIONS*:

- Data Scientists
- Geoscientists, Except Hydrologists and Geographers
- Climate Change Policy Analysts
- Hydrologists
- Geographers
- Remote Sensing Scientists and Technologists

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2025.