

Atmospheric Chemist Interview Questions

1. Share an experience when you had to broadcast weather conditions, forecasts, or severe weather warnings to the public via television, radio, or the Internet or provide this information to the news media.

2. Tell me how you prepare forecasts or briefings to meet the needs of industry, business, government, or other groups.

3. Walk me through how you study and interpret data, reports, maps, photographs, and charts to predict long- and short-range weather conditions, using computer models and knowledge of climate theory, physics, and mathematics.

4. What is the most challenging part of developing and using weather forecasting tools, such as mathematical and computer models?

5. Share what methods you use to measure wind, temperature, and humidity in the upper atmosphere, using weather balloons?

6. What kind of experience do you have operating computer graphic equipment to produce weather reports and maps for analysis, distribution, or use in weather broadcasts?

7. Describe methods you have found useful to conduct basic or applied meteorological research into the processes and determinants of atmospheric phenomena, weather, and climate.

8. What factors do you consider when you design or develop new equipment or methods for meteorological data collection, remote sensing, or related applications? Share an experience.

9. Share an experience you had in dealing with a difficult person and how you handled the situation.

10. Share an experience when you applied new technology or information in your job. How did it help your company?