



SCIENCE
CHAPTER 9-WEATHER AND CLIMATE
LESSON 3-WEATHER
PART 2



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WHAT DOES THE WEATHER MAP SHOW?

- ❖ Weather maps show weather conditions at a certain time and place.
- ❖ They tell about air temperature, pressure, precipitation, and winds.
- ❖ Weather maps might also show the locations of fronts.

PRACTICE QUESTIONS:



What does this map show about the weather in the UAE?

FORECASTING

To forecast is to predict weather conditions.

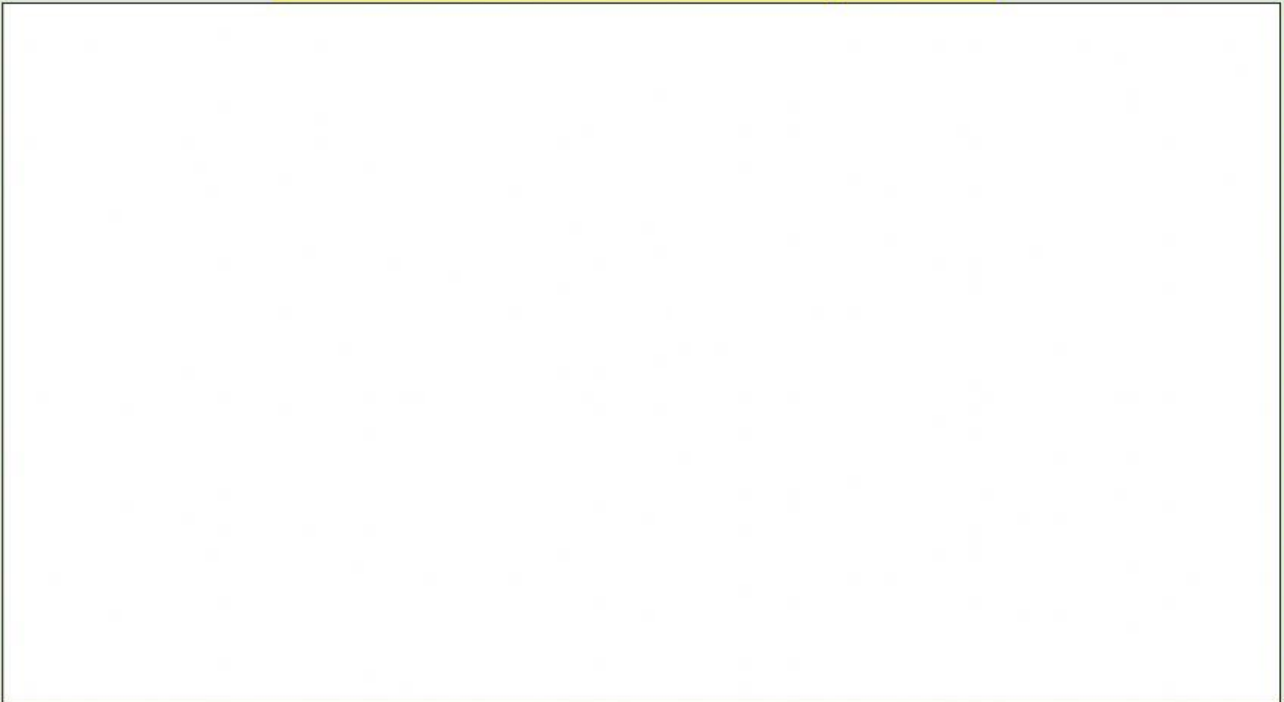
- ❖ Scientists use many technologies in forecasting.
- ❖ Satellites in orbit around Earth take pictures of the atmosphere.
- ❖ Computers help scientists analyze weather data and produce better weather maps.

7 DAY FORECAST EXAMPLE



PRACTICE QUESTIONS:

Watch this video and answer questions



Tuesday	Wednesday	Thursday	Friday	Saturday

SIGNS OF SEVERE WEATHER



Happens during thunderstorms, small but very strong wind, comes from thunderstorm clouds



Large storm that starts over warm ocean water, heavy rains, causes floods, very strong winds.



Heavy rain with thunder and lightning, sometimes hail, strong winds.

SIGNS OF SEVERE WEATHER-SAFETY TIPS



**STAY AWAY FROM
WATER AND
TREES.**



**TO AVOID IT YOU
MIGHT NEED TO
MOVE INLAND.**



**HEAD FOR
SHELTER, SUCH
AS BASEMENT.**