

12/14 Weather Book

Why predict? affect plans ; safety

Why weather occurs? air masses

Why air masses? (SUN) Earth isn't smooth

SIX MAIN FACTORS

- 1) temp.
- 2) air pressure
- 3) wind
- 4) humidity
- 5) precip
- 6) cloudiness

Weather happens in lowest layer of atmosphere called troposphere.

Meteorologist - scientist that studies weather.

\* p 3-5 Tools for measuring weather

① barometer - measures air pressure  
high reading = fair weather  
falling pressure = changing weather  
changing weather means active weather

② wind vane - measures "show" wind direction.

③ anemometer - measures wind speed.

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