

## Across

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2. **SYNOPSIS**—A brief summary of the location and movement of fronts, pressure systems and circulation patterns.
4. **WIND SHEAR**—An abrupt change in wind direction or speed in a very short distance in the atmosphere.
5. **MVFR**—Ceiling between 1,000 feet to 3,000 feet and/or visibility 3 to 5 miles.
6. **MSL**—Altitude of cloud bases and tops in PIREPS.
8. **LIGHTNING**—One phenomenon always associated with a thunderstorm.
13. **UNEQUAL**—\_\_\_\_\_ heating of the Earth's surface causes variations in altimeter settings between weather reporting points.
14. **STEAM FOG**—"Sea smoke"
16. **SHRA**—Rain showers.
17. **THUNDERSTORM**—High humidity, lifting force, and unstable conditions are necessary for this to happen.
19. **NIMBUS**—Rain cloud.

## Down

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1. **CEILING**—Height above the Earth's surface of the lowest broken or overcast layer or vertical visibility into an obscuration.
2. **SKC**—Sky clear.
3. **STRATIFORM CLOUDS**—A characteristic of stable air.
7. **SATURATED**—The term "dew point" refers to the temperature to which air must be cooled to become \_\_\_\_\_.
9. **FRONT**—A boundary between two different air masses.
10. **PLOW**—A surface wind surge.
11. **SUBLIMATION**—One of the processes by which moisture is added to unsaturated air
12. **FA**—Best weather product to determine general forecast weather conditions over several states.
15. **VARIABLE**—"Light and..."
18. **SIGMET**—Forecast containing information about severe icing, severe or extreme turbulence, and widespread sand and dust storms.