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| Weather systems in the US usually move...  | West to East                            |
| Temperature at 31 degrees F, Humidity 100%, Pressure is falling: the weather will be                       | Cold and snowy                          |
| Room temperature is  | 22 Degrees C or 72 degrees F            |
| Temperature at 30 degrees C or 86 degrees F , with dark gray stratus clouds, the weather will be           | Warm and Rainy                          |
| Moisture for rain cloud comes from evaporation from  | oceans, lakes, ponds, rivers, and trees |
| The reason for warm water or warm air to rise is///  | heat from the sun                       |
| The Barometer is at 29.80 and falling, this will lead  | cloudy skies and eventually rain        |
| The Barometer is gradually increasing, this  | clear and sunny weather                 |
| The Barometer is rapidly falling, this will lead to  | Storms                                  |
| The temperature is falling, air pressure is falling, and the winds are getting stronger, this will lead to | wind and storms                         |

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| Reaching Dew Point means                                    | Relative Humidity is 100% and precipitation will  |
| Nimbostratus clouds mean                                    | rainy or snowy weather  |
| Cumuluous clouds mean                                       | Fair and sunny weather  |
| Cumulonimbus clouds mean                                    | Thunderstorms   |
| Sleet is  | Rain that freezes in the air  |
| Snow is   | Water vapor that changes into ice   |
| Hail is   | water droplets that freeze then pushed back up over and over again to refreeze a new layer of ice each time |
| The most powerful storms on earth are                       | Hurricanes  |
| Powerful circular air movements that can do a lot of damage | Tornadoes   |
| The eye of a Hurricane                                      | is calm with light winds  |

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| The lines that connect equal points of air pressure                                    | Isobars                |
| The line that connect equal points of temperature                                      | Isotherms              |
| When the same weather lingers over an area for many days is the result of a            | Stationary Front       |
| An electric discharge between a positive charged area and a negatively charged area is | Lightning              |
| Used to measure wind direction   | Wind Vane or Wind Sock |
| Used to measure wind speed   | Anemometer             |
| Used to measure Humidity   | Psychrometer           |
| Used to measure air pressure   | Barometer              |
| Clouds that are high in the air and made of ice crystals                               | Cirrus                 |
| Clouds that are low to mid level and look cotton balls                                 | Cumulus                |

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| Clouds that build tall and dark in color     | Cumulonimbus |
| Clouds that low in air and look like blanket | Status       |
| Maritime Tropical air mass is                | Wet and Warm |
| Continental Tropical air mass is             | Dry and Hot  |
| Maritime Polar air mass is                   | Wet and Cold |
| Continental Polar air mass is                | Dry and Cold |