

Solution: 19 letters, 3 words (Could we do without these?)

W E A T H E R U S S E R P  
 S H U M I D I T Y R E T H  
 D N W O D A H S U L G U R  
 U C O N V E C T I O N A L  
 O N D O V E A E R R I A A  
 L N D A S R F S E N L L T  
 C O N D E N S A T I O N N  
 I E N P W A O R A L O P O  
 G I M O M H T M W N C I R  
 W E N R E T E M O R A B F  
 T S I G O L O R O E T E M  
 N A A N E M O M E T E R G



Clues

- A • A large body of air with nearly the same conditions of temperature and humidity throughout it (3,4)
- An instrument that measures wind speed (10)
- B • An instrument used to measure air pressure (9)
- C • Cumulus, stratus, and cirrus, for example (6)
- The changing of water vapor into liquid water (12)
- This type of rainfall is common in equatorial areas and occurs when intense heating causes warm air to rise, cool, and condense (12)
- The main cause of condensation is the \_\_\_\_\_ of the air (7)
- F • This type of precipitation occurs when warm and cold air masses meet (7)
- H • This term refers to the amount of moisture in the air (8)
- M • A person who studies, reports, and predicts weather conditions (13)
- Seasonal winds that create wet and dry seasons, especially in southeast Asia (8)
- P • Term that describes cold air masses formed between 55°N and 66°N latitude (5)
- For warm air it is low; for cold air it is high (8)
- R • Common form of precipitation when the temperature is above 0°C (4)
- This type of precipitation, also called "orographic," occurs when air rises over a mountain barrier (6)
- S • The leeward, dry side of a mountain is often called a rain \_\_\_\_\_ (6)
- Common form of precipitation in northern latitudes (4)
- T • It is measured by a thermometer (11)
- V • A weather or wind \_\_\_\_\_ will indicate the direction of wind (4)
- W • It has a moderating influence on weather and climate (5)
- The day to day conditions of the atmosphere in a particular area (7)
- The movement of air from an area of high pressure to an area of low pressure (4)