

Stevenson Screen Worksheet

Mrs. Marshall's Class

Skill level: Challenge/At or above grade level



1.) **Who invented the Stevenson Screen?**

- a.) Stevenson Thomas
- b.) Thomas Stevenson
- c.) Steven's Son Thomas

2.) **What is the purpose of a Stevenson screen?**

- a.) An enclosure to store animals and plants
- b.) An enclosed shelter to store weather tools and instruments.
- c.) A shaded area for meteorologists to observe weather and collect data.

3.) **Why are Stevenson Screens painted white?**

- a.) So they can be easily found at night
- b.) To always keep the Stevenson's Screen warm
- c.) To better reflect the sun's rays

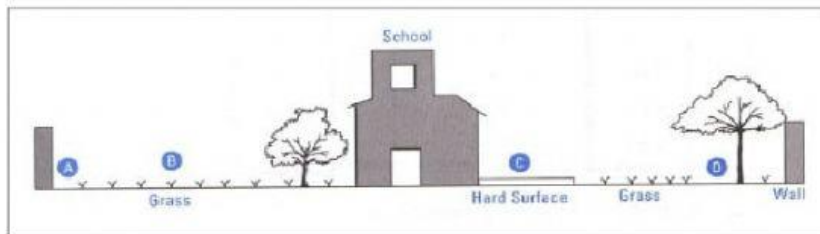
4.) **What important function does the Stevenson Screen perform?**

- a.) Shield's weather instruments from being destroyed or giving wrong readings
- b.) Protects weather instruments from crooks and thieves that may steal them
- c.) A meeting place for meteorologists to discuss weather

c. Why is it fitted with louvers?

d. Why is it erected on stilts and placed in the open space?

The selection of a suitable location for placing the Stevenson Screen is crucial to the accurate recording of various weather elements.



2a. Which location should the Stevenson screen be placed (A, B, C or D)? Explain your answer.

b. Explain why other sites are not suitable.

6.) **What is another name for the Stevenson Screen?**

- a.) Weather Safe House
- b.) Thermohygrograph
- c.) A thermometer Screen

7.) **What can be found inside the Stevenson Screen?**

- a.) Satellites, radars, computer data and rain gauge
- b.) Maximum, Minimum, wet and dry thermometers and a thermohygrograph

8.) The Stevenson Screen is **NOT** intended to be _____ for a very long time so that the observer can get an accurate reading.