

**Relative humidity graph
&
How relative humidity (RH) is measured?**

Relative Humidity Observation of Tripura on 22 August, 2012

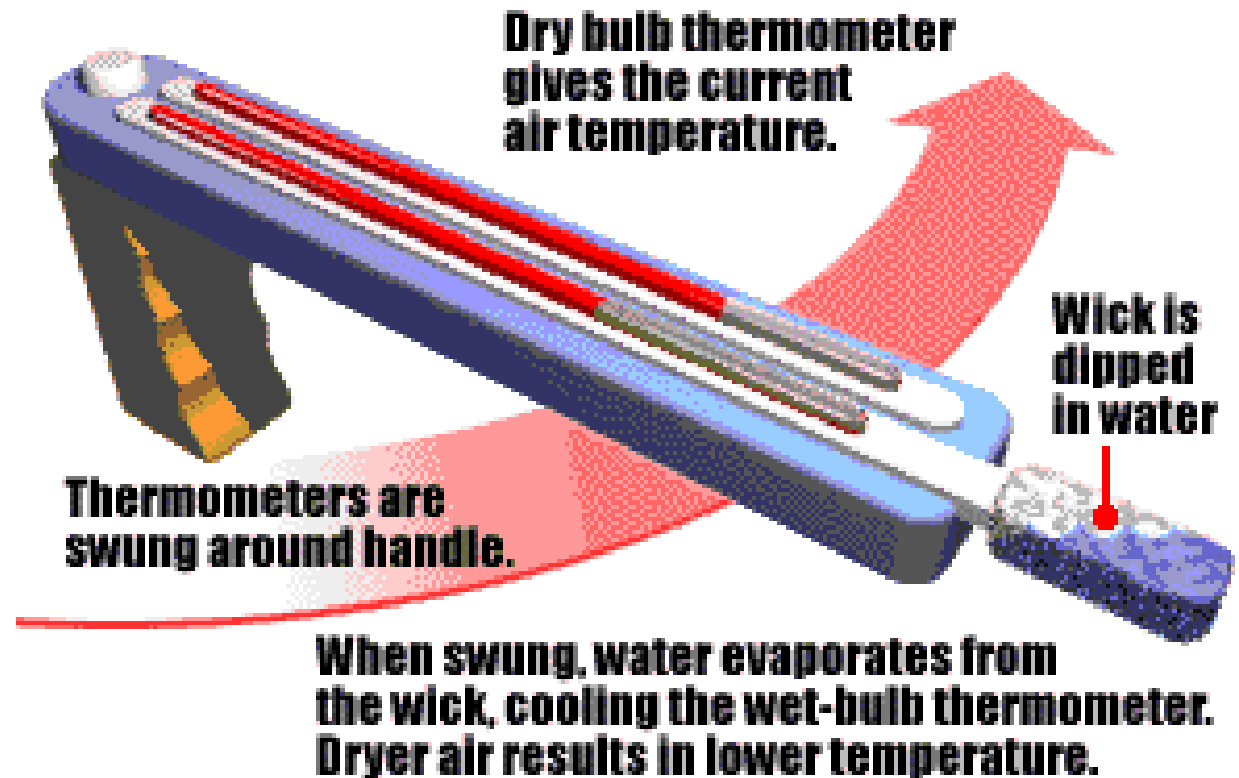
12:20 AM, Thu 23 August 2012	84%	6:50 PM, Wed 22 August 2012	74%	11:50 AM, Wed 22 August 2012	75%	6:20 AM, Wed 22 August 2012	89%	12:50 AM, Wed 22 August 2012	89%
11:50 PM, Wed 22 August 2012	84%	6:20 PM, Wed 22 August 2012	75%	11:20 AM, Wed 22 August 2012	79%	5:50 AM, Wed 22 August 2012	89%	12:20 AM, Wed 22 August 2012	89%
11:20 PM, Wed 22 August 2012	84%	5:50 PM, Wed 22 August 2012	75%	10:50 AM, Wed 22 August 2012	79%	5:20 AM, Wed 22 August 2012	89%		
10:50 PM, Wed 22 August 2012	84%	5:20 PM, Wed 22 August 2012	75%	10:20 AM, Wed 22 August 2012	75%	4:50 AM, Wed 22 August 2012	89%		
10:20 PM, Wed 22 August 2012	79%	4:20 PM, Wed 22 August 2012	75%	9:50 AM, Wed 22 August 2012	75%	4:20 AM, Wed 22 August 2012	89%		
9:50 PM, Wed 22 August 2012	79%	3:50 PM, Wed 22 August 2012	75%	9:20 AM, Wed 22 August 2012	75%	3:50 AM, Wed 22 August 2012	89%		
9:20 PM, Wed 22 August 2012	74%	2:20 PM, Wed 22 August 2012	63%	8:50 AM, Wed 22 August 2012	84%	3:20 AM, Wed 22 August 2012	89%		
8:50 PM, Wed 22 August 2012	74%	1:50 PM, Wed 22 August 2012	63%	8:20 AM, Wed 22 August 2012	84%	2:50 AM, Wed 22 August 2012	89%		
8:20 PM, Wed 22 August 2012	74%	1:20 PM, Wed 22 August 2012	71%	7:50 AM, Wed 22 August 2012	89%	2:20 AM, Wed 22 August 2012	89%		
7:50 PM, Wed 22 August 2012	74%	12:50 PM, Wed 22 August 2012	71%	7:20 AM, Wed 22 August 2012	89%	1:50 AM, Wed 22 August 2012	89%		
7:20 PM, Wed 22 August 2012	74%	12:20 PM, Wed 22 August 2012	75%	6:50 AM, Wed 22 August 2012	89%	1:20 AM, Wed 22 August 2012	89%		

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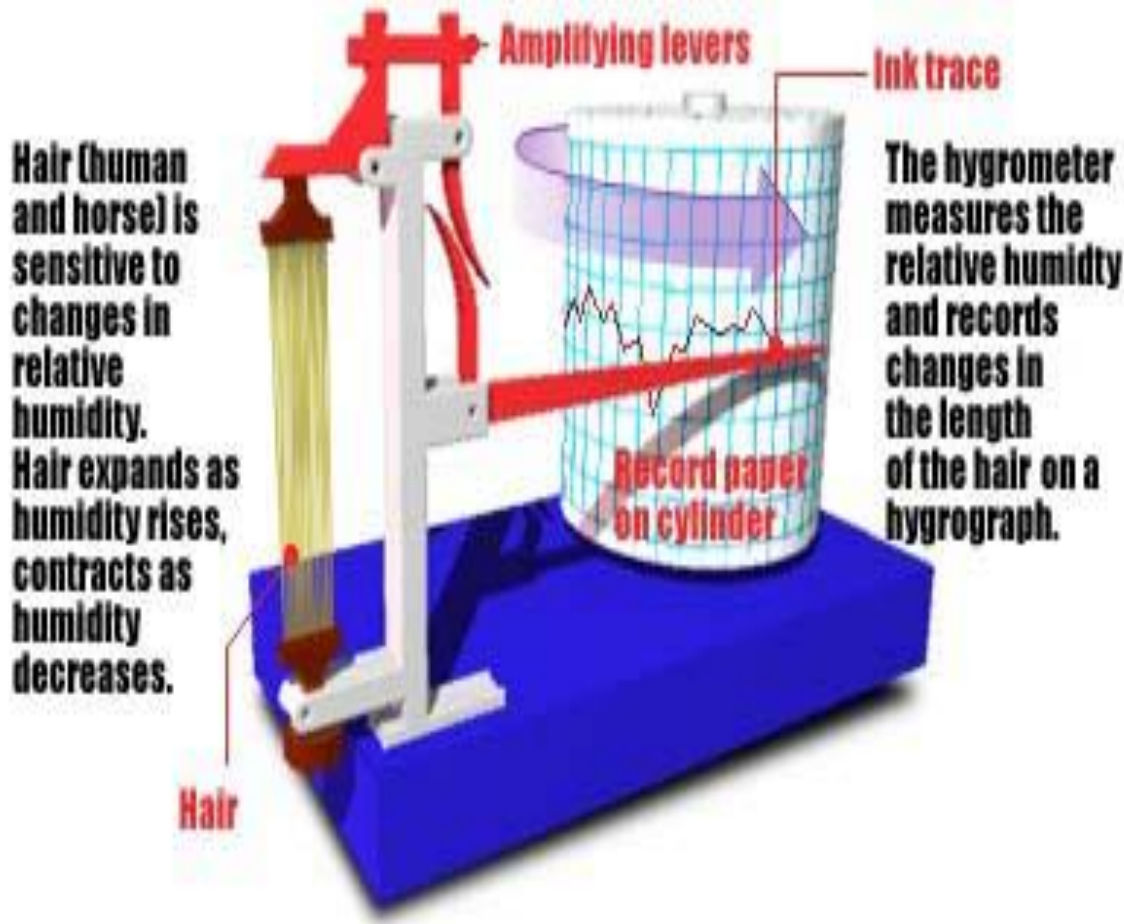
- **Humidity is measured by means of a hygrometer.**
- **There are different types of hygrometers.**
- **The most common hygrometers are Wet- and Dry- Bulb Psychrometer and Hair Hygrometer.**

Measuring Relative Humidity

Sling psychrometer



Hair hygrometer



- **Humidity stretches the hair (human / animal / synthetic) while dryness shortens it.**
- **The hygrometer has the job of stretching a hair between a fixed and a movable point to measure humidity over time.**

How relative humidity (RH) is measured?

- **Other kinds of hygrometers use materials with electrical resistance that varies with the amount of moisture absorbed.**
- **With such hygrometers, a measurement of electrical resistance can be calibrated as a humidity measurement.**