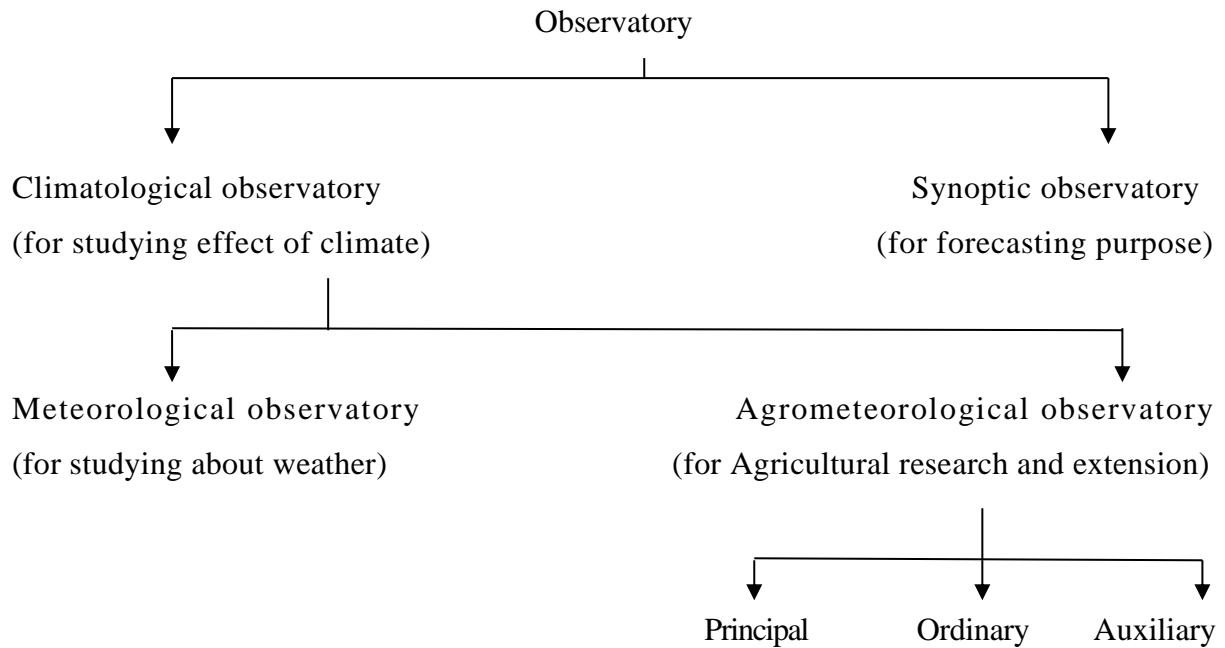


## CLASSIFICATION OF OBSERVATORY IN INDIA

The observatories in India are broadly classified into following categories



Depending upon the availability of the instruments and the number of weather elements observed, the agro-meteorological observatories fall into the three groups *viz.*, principal, ordinary and auxiliary. Every group has its own essential and optional instruments.

Sl. No.	Principal	Ordinary	Auxiliary
	Essential	Essential	Essential
1	Wet & dry bulb thermometer	Wet & dry bulb thermometer	Wet & dry bulb thermometer
2	Maximum & minimum Thermometer	Maximum & minimum Thermometer	Maximum & minimum Thermometer
3	Soil Thermometer	Soil Thermometer	Ordinary rain gauge
4	Grass minimum Thermometer	Grass minimum Thermometer	
5	Ordinary & self recording rain gauge	Ordinary rain gauge	
6	Wind vane and Anemometer	Wind vane and Anemometer	
7	USWB open pan evaporimeter	USWB open pan evaporimeter	
8	Sunshine recorder	Assmann psychrometer	
9	Assmann psychrometer		
10	Dew gauge		
11	Thermo-hygrograph		
12	Soil moisture equipments		
13	Radiation instruments (global & net radiation)		
	<b>Optional</b>	<b>Optional</b>	<b>Optional</b>
1	Lysimeter	Sunshine recorder	Wind vane
2	Potentiometer	Dew gauge	Anemometer
3	Micro-voltmeter	Self recording rain gauge	Dew gauge
4	Thermopile sensing element for short and long wave radiation	Thermo-hygrograph	
5	Recording contact anemometer		