

Thunderstorm recipe

Step 1 – one large area of thunderstorms.

Write the sentences below the table into the correct missing rows.

1	The sun heats the land which heats the air above it.
2	
3	
4	The air fills with water vapour
5	
6	As the air rises it cools.
7	
8	When water vapour condenses it releases the heat that made the water evaporate in the first place. This makes the air warmer again.
9	The air warmed by condensing water vapour rises even further.
10	
11	The water droplets that are blown really high freeze into ice crystals
12	
13	Ice crystals at the top of the cloud are positive, and at the bottom are negative. Sometimes the ground gets a positive charge, too.
14	

The water vapour condenses into water droplets that form clouds.

The hot air rises

Strong vertical winds form

Lightning happens between the positive and negative charges

The ice crystals bump together and create an electrical charge

It heats the sea which makes water evaporate.

The hot, moist air rises.