

States of Water

Everything on our planet can exist in different states¹. Things can be solid², liquid³, gas⁴ or plasma. In the universe, almost all things are plasma. In winter, we can see water in different states. **Just look!**

American English !

▶ LIQUID

Very often, we see water as liquid. Water is in this state when it is above⁵ zero and below⁶ 100 degrees Celsius. We use liquid water for drinking, cooking and washing.

▶ SOLID

When the temperature is below zero, water freezes⁷. It becomes ice. Sometimes water freezes slowly and makes icicles^A. Sometimes in cold weather it snows. Snowflakes^B fall from the sky. We make snowmen and snowballs from snow.

▶ GAS

When the temperature of water is above 100 degrees Celsius at sea level⁸, it changes into gas. We call it steam^C. It is hot. We can see steam when water is boiling⁹. Did you know? High in the mountains, water boils at a lower¹⁰ temperature.

▶ PLASMA

When the temperature is thousands of degrees Celsius, water changes into plasma. Sometimes we can see it. For example, when lightning^D strikes¹¹, it turns¹² rain water into plasma. It quickly cools down and turns back into liquid.

▶ VOCABULARY IN PICTURES



A. icicles



B. snowflake



C. steam



D. lightning

▶ VOCABULARY

¹ state [steɪt] – skupenství | ² solid ['sɒlɪd] – pevný | ³ liquid ['lɪkwɪd] – kapalný | ⁴ gas [gæs] – plynný
⁵ above [ə'baʊv] – nad | ⁶ below [br'ləʊ] – pod | ⁷ to freeze ['fri:z] – (z)mrznout | ⁸ sea level [si: 'levl] – hladina moře | ⁹ to boil ['bɔɪl] – vařit se | ¹⁰ lower ['ləʊə] – nižší | ¹¹ to strike [straɪk] – udeřit
¹² to turn into [tɜ:n] – přeměnit na

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LIQUID



SOLID



GAS



PLASMA