

- Hydrogen bond strength increases in the order $\text{N-H}\cdots\text{N} < \text{O-H}\cdots\text{O} < \text{F-H}\cdots\text{F}$. Use this information and the data given in the table to explain the differences in boiling point of ammonia, water and hydrogen fluoride.

Compound	NH_3	H_2O	HF
Boiling point / $^\circ\text{C}$	-33	100	20

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