

# HOW CLIMATE CHANGE IMPACTS WEATHER

# THE SCIENCE

CHANGES IN THE WATER CYCLE ARE INCREASING THE RISK OF DROUGHTS AND FLOODS.



**Higher temperatures mean there is more evaporation from the land and sea into the atmosphere.**



**As air gets warmer, it can hold more water vapor. This can lead to more intense rainstorms.**



**Intense rainstorms increase the risk of flooding. Much of the water runs off into rivers and streams, doing little to dampen soil.**



**This, combined with increased temperatures, increases the risk of drought.**

