

He also drops in on renowned hail scientist Charles Knight in his lab in Boulder, Colorado to discover that there is far more to hail than meets the eye. In a scientific first, and with the help of Jim Stratton and Craig Zehrung from Purdue University, Richard sets about using ice and hail as bullets to find out which does the most damage.

Finally, in conjunction with the WSL Institute for Snow and Avalanche Research SLF in Davos, Richard joins Walter Steinkogler as he starts an avalanche in an attempt to find out how something as delicate and fragile as a snowflake can travel at extraordinary speeds of up to 250 mph on the ground.

EPISODE 3 TEMPERATURE: THE DRIVING FORCE

In the third episode Richard investigates the crucial role temperature plays in all weather. Without heat—or lack of it—there would be no weather: no clouds, no rain, no snow, no dust storms, no thunder and lightning. Richard finds out about hot air with the help of a quarry and a massive hot plate, and discovers just why it is so hard to pull a sword out of snow.

Along the way, he finds out how evaporation keeps beer cold and by building his own massive dust storm, with the help of a few friends and dust specialist Dr. Nigel Tapp, he discovers just how sand from the Sahara bounces its way to the UK.

He also drops in on Dan Morgan who creates a lightning bolt in his lab and where Richard is able to see thunder and hear lightening with the aid of some special cameras, light bulbs and a few candles.

Finally he visits the Florida Everglades, the most lightning prone area in all the northern hemisphere, where with the help of storm chaser, Jason Weingart, he tries to capture lightning in a box to find out just how powerful it is.

'Wild Weather with Richard Hammond' is a weather series unlike any other and it will completely change our understanding of the extraordinary natural forces at play in our weather. Only by properly understanding our weather, we can better learn to live with it.



WILD WEATHER WITH RICHARD HAMMOND

3 x 50 min., 3 x 58 min.
+ 1 x 52 min. science special
HD, 5.1 and Stereo

Written and directed by **Graham Booth**

Executive producers: **Sabine Holzer, Martin Mészáros**

