SCIENCE . TECHNOLOGY

WILD WEATHER WITH RICHARD HAMMOND

3 x 50', 3x 58', 90' (ENG, GER)

Weather: it's big, it's beautiful – and it's wild. Tornados or sandstorms take simple ingredients like air, earth and water and transform them into something spectacular, powerful and incredibly dangerous.

Despite scientists studying it for thousands of years, we know far less about how weather works than anyone might expect. This, however, is about to change: by teaming up with maverick experts and renowned specialists from all around the world, a whole range of fascinating new discoveries from the cutting edge of science will be revealed.

This extensive three-part portrait of nature's forces has it all. Furthermore, ten thousand ping-pong balls will demonstrate how a sandstorm works; a whirlwind made of fire will illustrate the wind's movements; and the destructive force of water, liquid as well as frozen, will speak for itself.

Also available as a 52' (ENG, GER) presenterless science special.

Original Title:	Richard Hammonds Wetter-Werkstatt
Year:	2015
Produced by:	Terra Mater Factual Studios, Oxford Scientific Films, BBC, Hamster's Wheel, PAAN
Partners:	BBC

1. **Wind: The Invisible Force**

   First Richard investigates how wind actually starts; visits the windiest place on the planet; walks into the centre of the world's only man-made tornado; and creates a 10-metre high whirlwind ... made of fire!

2. **Water: The Shape Shifter**

   In the second episode, Richard investigates the crucial role water plays. Without water, there would be almost no weather: no rain, no snow, no hail, no clouds or fog, no frost or dew. And Richard goes in pursuit of water in all its forms. He tries to weigh a cloud, find out how rain could crush a car and gets involved in starting an avalanche.

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.