**At 200 mph (320kph) this happens**

What would 200 mph winds do?

Hurricane Patricia's **200**-**mph winds will** turn planes, vehicles into airborne missiles. Hurricane Patricia's incredible 165-**mph** sustained **winds will** turn planes, cars, trees, trucks and trains into airborne missiles

We have observed that a person cannot stand up in winds above about 75 mph (120kph) without being strapped or tethered to some support,"

Knocking you down would take a **wind** of at least 70 mph. The terminal velocity, which is the **wind speed** (falling **speed**) where the force of the **wind** equals the force of gravity, for a **person** is about 120 mph — that would likely knock you down

The average density of a mass of air at sea level equals approximately 1.229 kilograms per cubic meter.

A fully loaded Boeing **747** 'Jumbo Jet' on a normal long haul flight would **take off** at a **speed** of around 160 knots which is 184 mph.

A 50 mph (80kph) wind will apply 5 to 7 pounds (3kg) of force per square foot (92,903 sq mm) but this increases exponentially as winds get stronger. At 100 mph, that figure jumps from 20 to 28 pounds of pressure per square foot, and at 130 mph, 34 to 47 pounds per square foot of pressure are applied. So a human head in helmet represents approx. 60,000sq.mm

So up at 130mph/208kph if you don’t get your head down behind the screen it will become up to 18kg heavier! That’s why us racers are very reluctant to sit up on the racing bike up over about 260kph, as you get seriously knocked about.

**Cars that will do 200mph**

<https://www.motortrend.com/features/all-cars-that-go-200-mph/>

<https://www.autosnout.com/Top-Speed/Top-Speed-Over-200mph-Car-List.php>

**Motorbikes that will do 200mph**, I did not put in here as all the web reports included that the Kawasaki H2R as doing 249mph/398.4kph which is does not do electronically timed, so I discounted all the claims as inaccurate.

The motorcycle speedos all have a factory inbuilt 10% inaccuracy and the H2R is no different. I race one and can just do 206 mph/330kph officially electronically timed and I glanced at the speedo once and saw 361kph.

With modification like increase the supercharger boost from 15psi to 25psi and a few other mods we have seen 351kph on a H2R.

Watch this space after next LSNZ event Feb 6th 2022