

Tornado Printables Free Sample

A taste of the tornado packs from tornadoes.storms.im



FREE

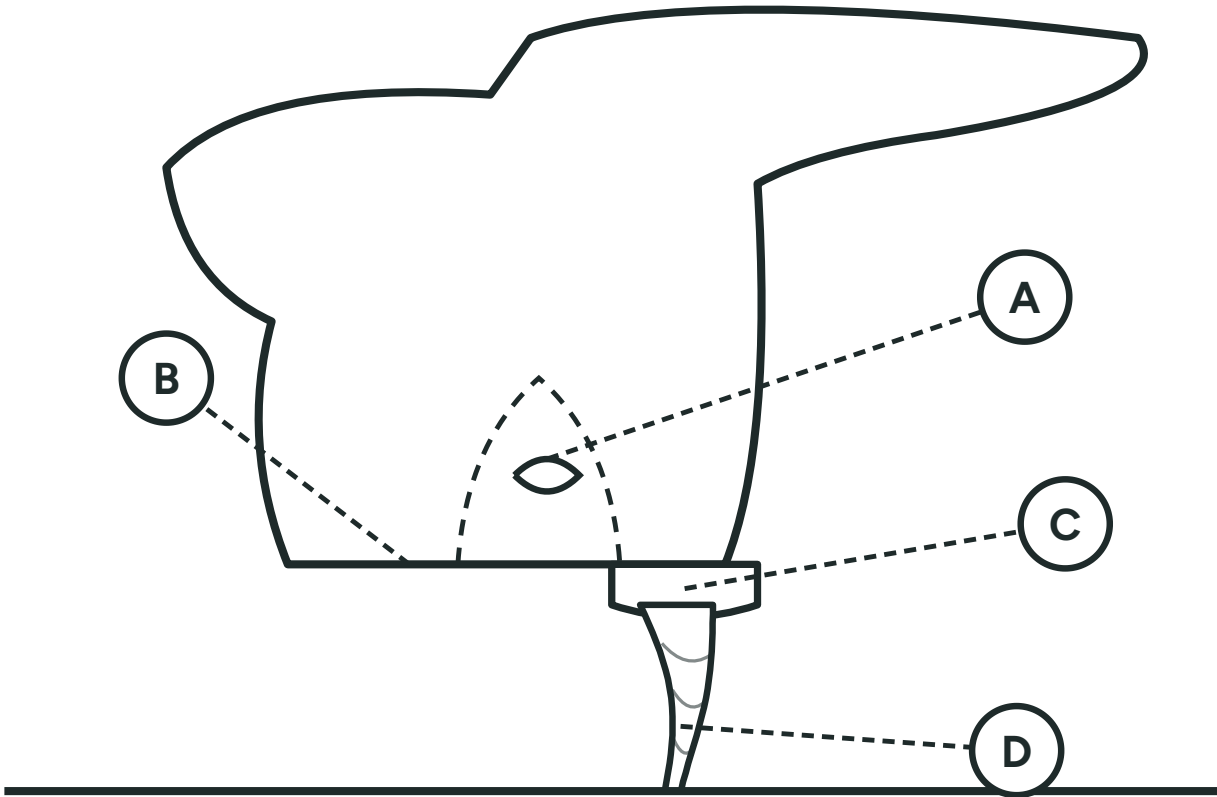
6 PAGES

A4 + US LETTER

LABEL IT

Inside a supercell

Write the right word next to each letter



mesocyclone · rain-free base · wall cloud · tornado

A _____

B _____

C _____

D _____

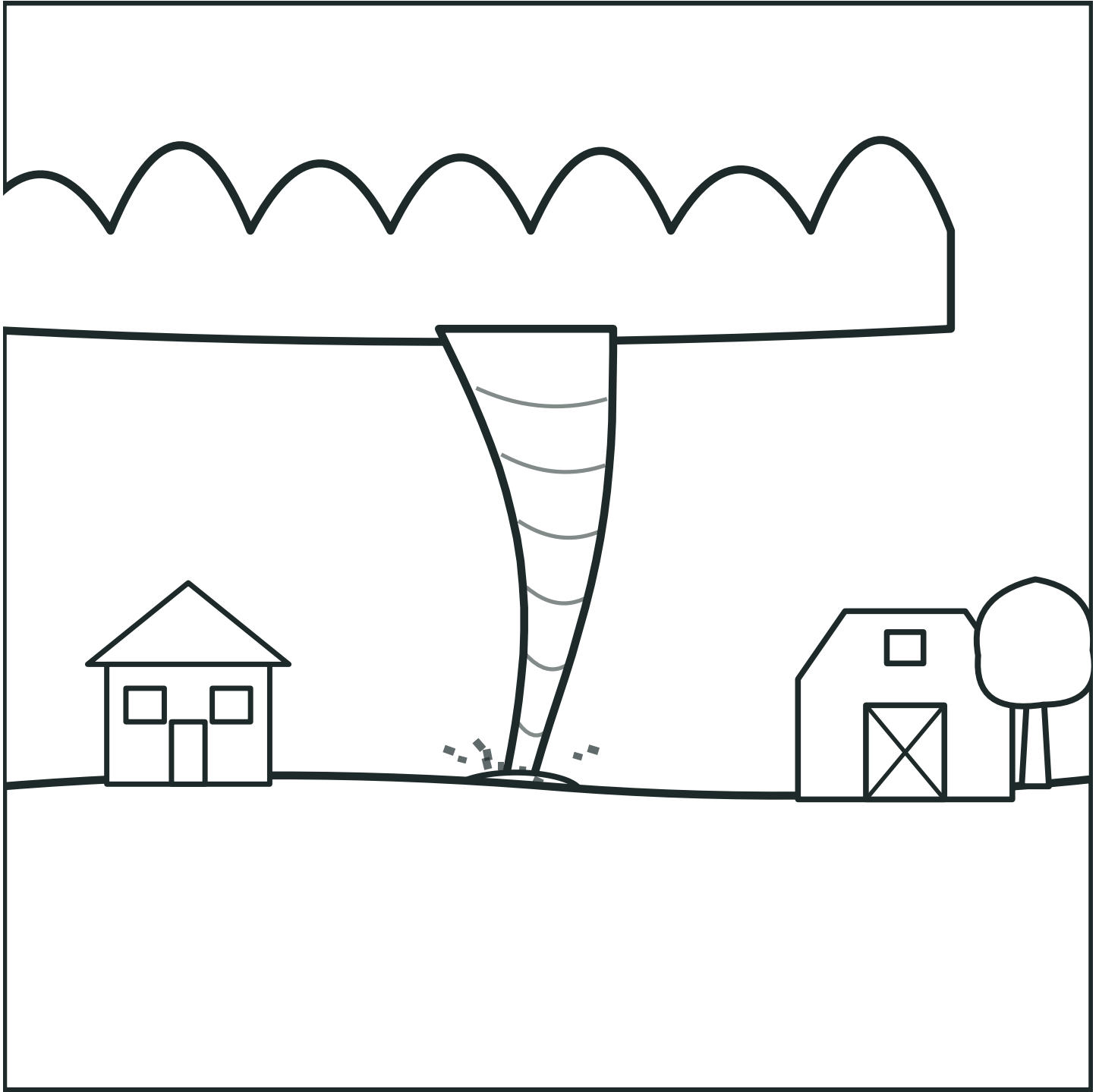
Most tornadoes come from supercells: thunderstorms with a rotating updraft. The rotating updraft in a supercell, called a mesocyclone, is usually 2–6 miles across: much bigger than the tornado that may form inside it. A wall cloud is a lowered patch of cloud under the storm's rain-free base. One that produces a tornado can be there 10–20 minutes before the tornado appears, but not always.

A simple drawing by REALLYBYTE, not an exact picture of a real storm.

COLOURING

A tornado on the farm

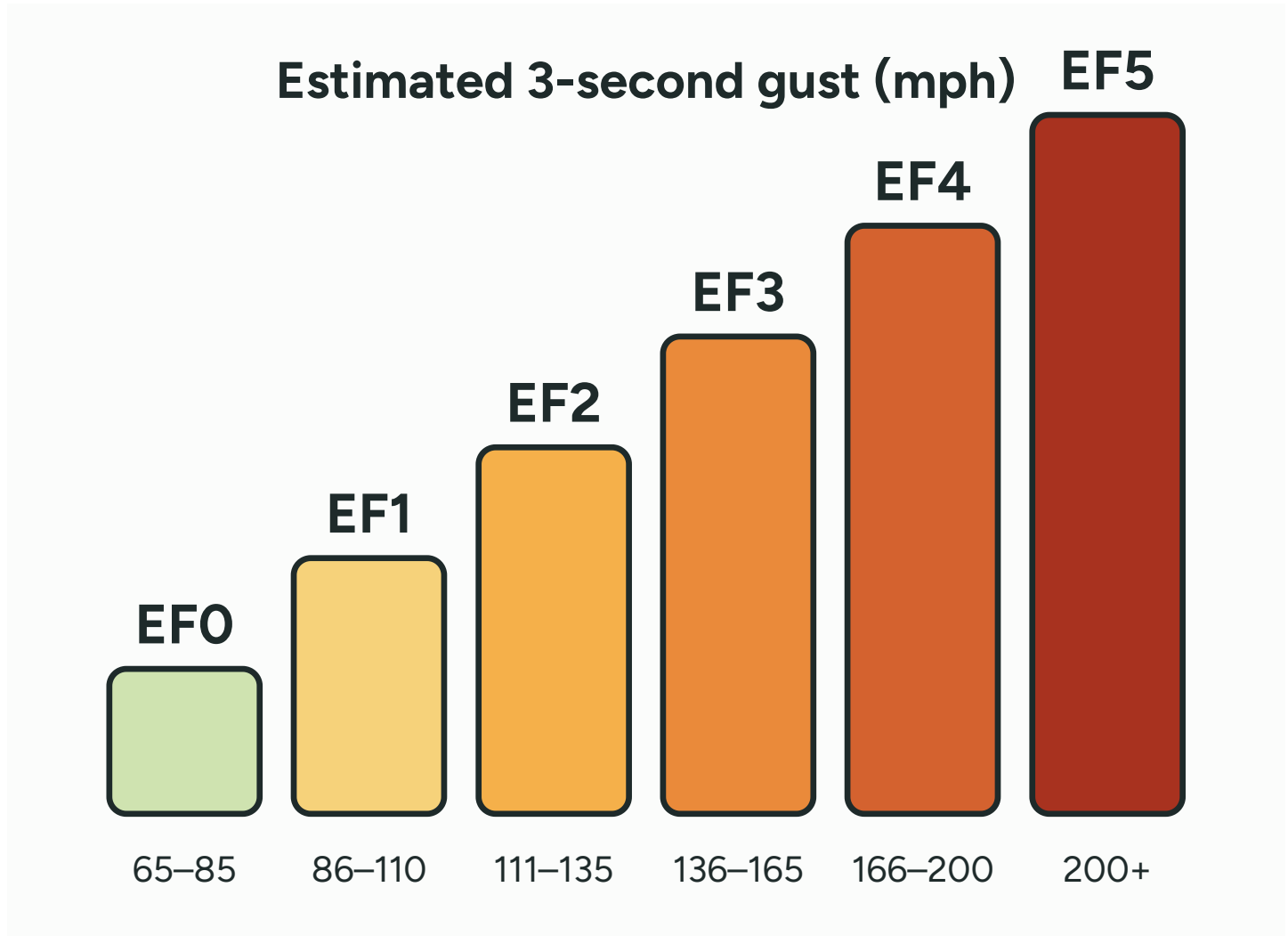
Colour the storm cloud, the funnel, the barn and the fields



A tornado is a narrow, violently rotating column of air that reaches from a thunderstorm down to the ground. Wind is invisible, so you often only see a tornado when it forms a condensation funnel of water droplets, dust and debris.

TORNADO FACTS POSTER

The Enhanced Fujita scale



Drawing by REALLYBYTE: the six EF ratings by estimated 3-second gust (mph), from NOAA's Storm Prediction Center

Rating tornadoes in the USA

The Enhanced Fujita (EF) scale, an update by meteorologists and wind engineers, came into use in the USA on 1 February 2007.

Tornado wind speeds are rarely measured directly. Experts look at the damage and work out what wind speed must have caused it.

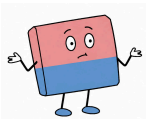
The EF scale is a set of wind estimates (not measurements) based on damage.

ANSWER KEY · FOR ADULTS**Inside a supercell**

A mesocyclone (the rotating updraught) · B rain-free base · C wall cloud · D tornado

WANT MORE?

Six full tornado packs (science, EF and TORRO scale maths, how-tornadoes-work cards, activity and colouring, posters, quiz and word puzzles) are available from the ReallyByte store: see tornadoes.storms.im/shop/ for links. Free tornado facts and games: tornadoes.storms.im



Free! Like me. Nobody paid for me either.

Credits, licence & help

The small print, kept short

YOUR LICENCE

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All drawings, puzzles and layouts are REALLYBYTE's own work.

WHERE THE FACTS COME FROM

Every fact in this pack was checked against the NOAA (Storm Prediction Center and NSSL), Met Office, TORRO and ESSL pages below on 31 Oct 2026. These are fixed facts that do not depend on the date. Answers to maths questions are worked out from those figures.

NOAA NSSL: Types of tornadoes:

www.nssl.noaa.gov/education/svrwx101/tornadoes/types/

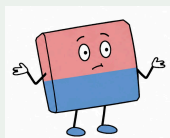
NOAA NSSL: Tornado detection:

www.nssl.noaa.gov/education/svrwx101/tornadoes/detection/

NOAA NSSL: Tornado basics: www.nssl.noaa.gov/education/svrwx101/tornadoes/

NOAA Storm Prediction Center: EF scale wind speeds:

www.spc.noaa.gov/faq/tornado/ef-scale.html



NEED HELP?

Useless can't help (he's an eraser, and he's busy tracking a storm from a desk drawer), but we can. Problems with your file, or spotted something we should fix? Email info@reallybyte.com.

More free tornado facts and games: tornadoes.storms.im