THE FIRES OF BLACK FRIDAY

James Choi, Aramis Razzaghipour December 5, 2017

MSC

WHERE

- · Large areas of Victoria
- · 2 million hectares
- · Whole townships engulfed

WHAT

- Large bushfires
- · Extreme winds

WHY

- Carelessness by humans
 - · Many people lit fires randomly
- · Fire believed to have originated from humans
 - · Burning off for land clearing and grass growth
 - Lighting campfires
 - · Inappropriate sawmill operations
 - Domestic fires
- · After drought
- · Severe, hot, dry summer
- Extremely strong winds

WHO

- · Potential causes:
 - · Land owners
 - Graziers
 - Miners
 - Forest workers
- · Rural fire service
- Country fire authority

WHAT DO THEY THINK?

- · No official cause identified
 - · Potential causes identified above did not comment
- Fire brigade and management services say that it is very unlikely to ever get that bad again

AFTERMATH

EFFECTS

- · 71 people died
- · Whole townships destroyed
- · Many sawmills burned to ground
- · Thousands of sheep, cattle, horses killed
- Millions of hectares of forests damaged
- Soil fertility affected
- Important wwater catchments impacted
- · Soil burned so much that took decades for it to restore

CHANGES OVER TIME

.

SHOULD IT BE LIKE THIS?

No, it should not

.

SOLUTIONS

More back burning