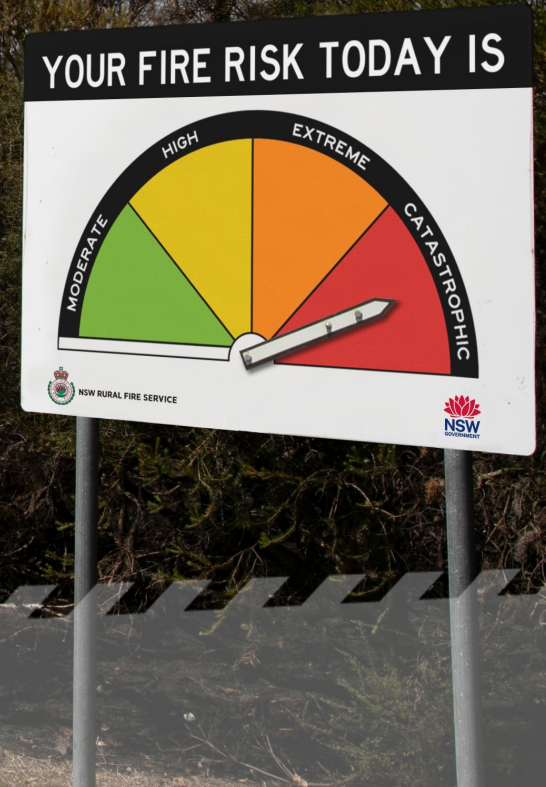




NSW RURAL FIRE SERVICE

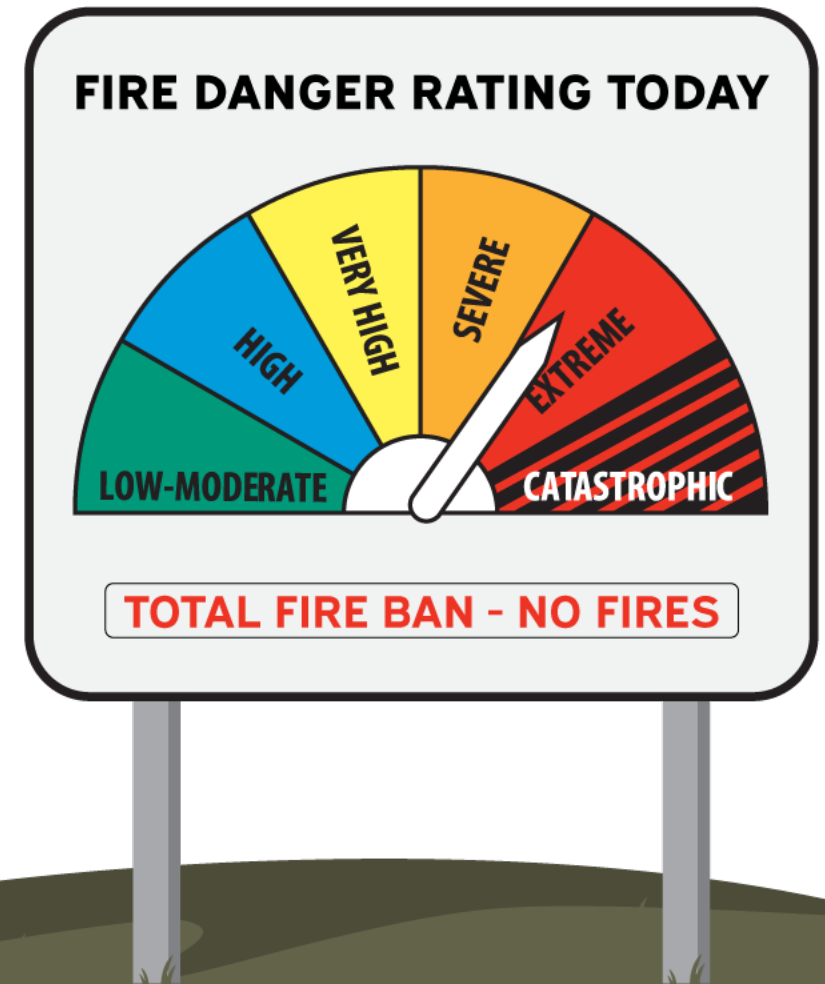
Australian Fire Danger Ratings

New Science, New Signs,
New Messaging

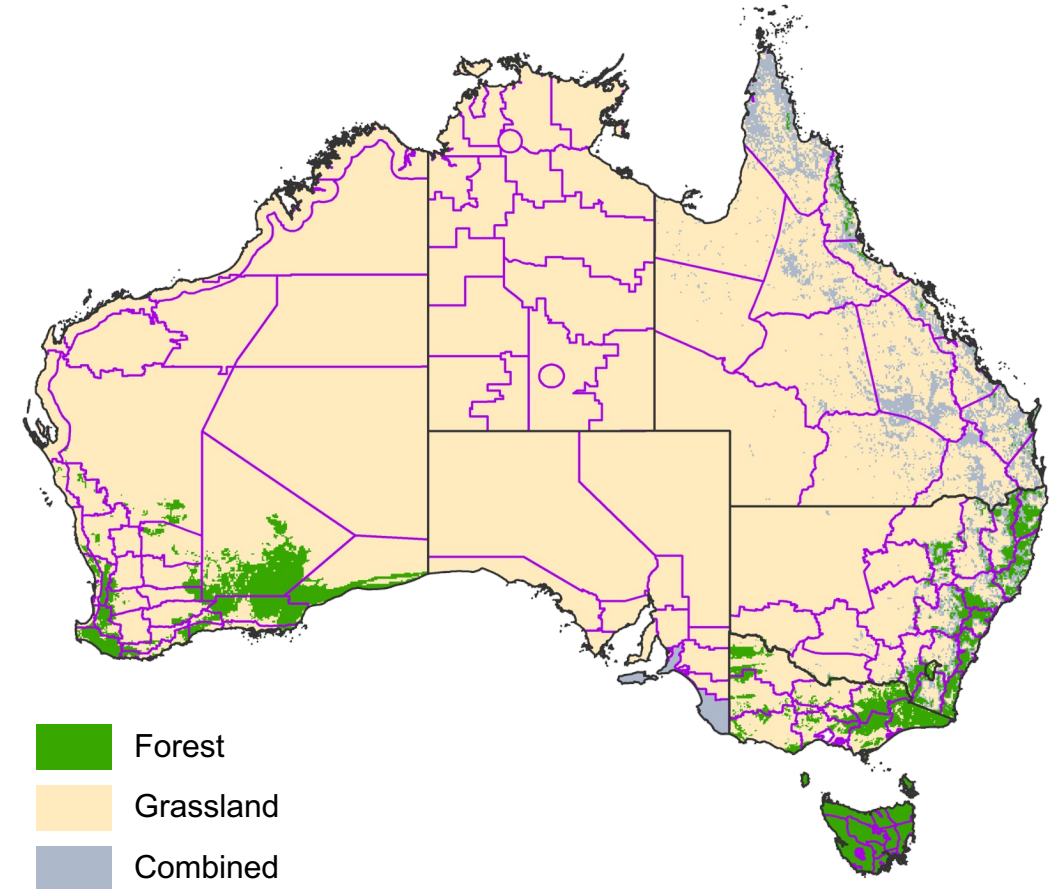
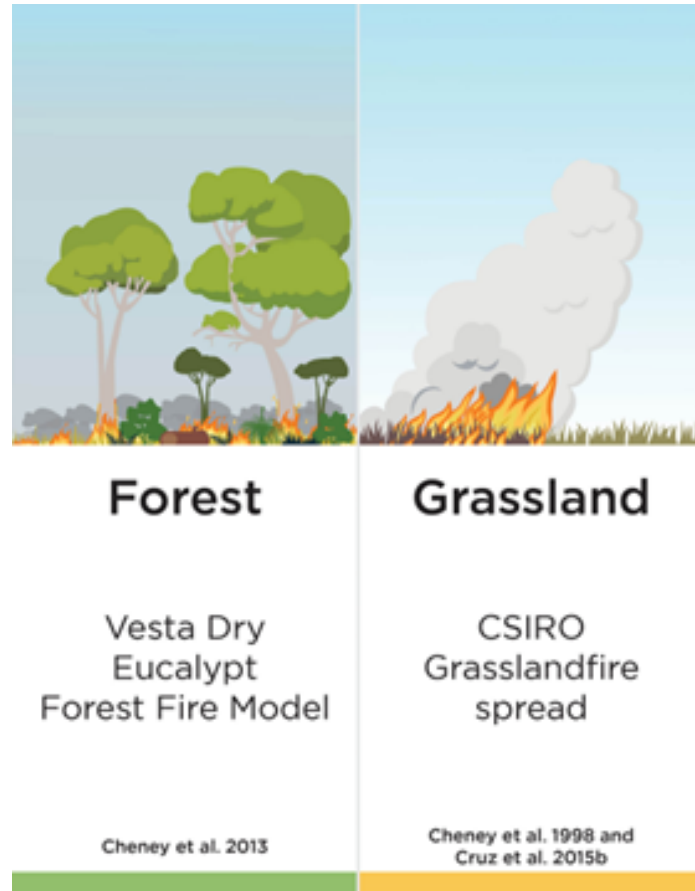


The OLD Fire Danger Ratings


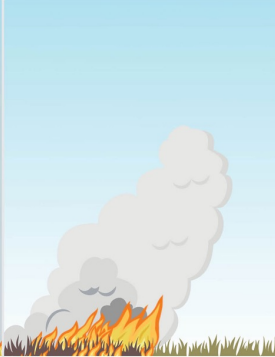
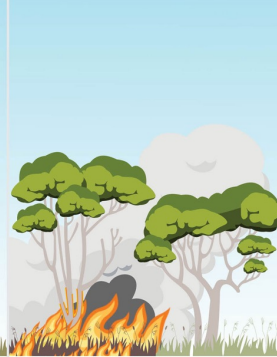
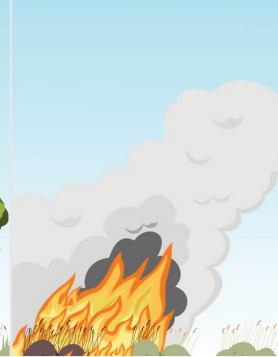

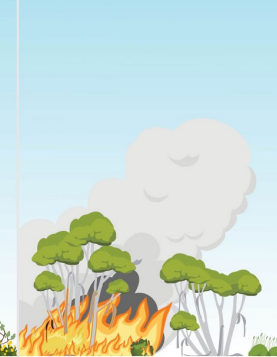
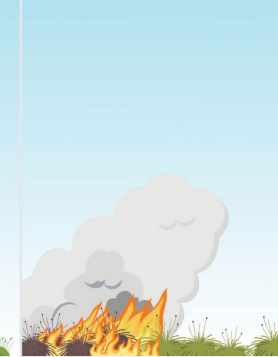
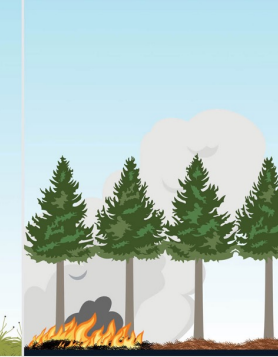
- Had too many rating levels
- Ratings were abstract – it was unclear what action people should take when
- Was inconsistent – Different states had different ratings/signs
- People believed that they didn't need to take action until the rating passed the midpoint.



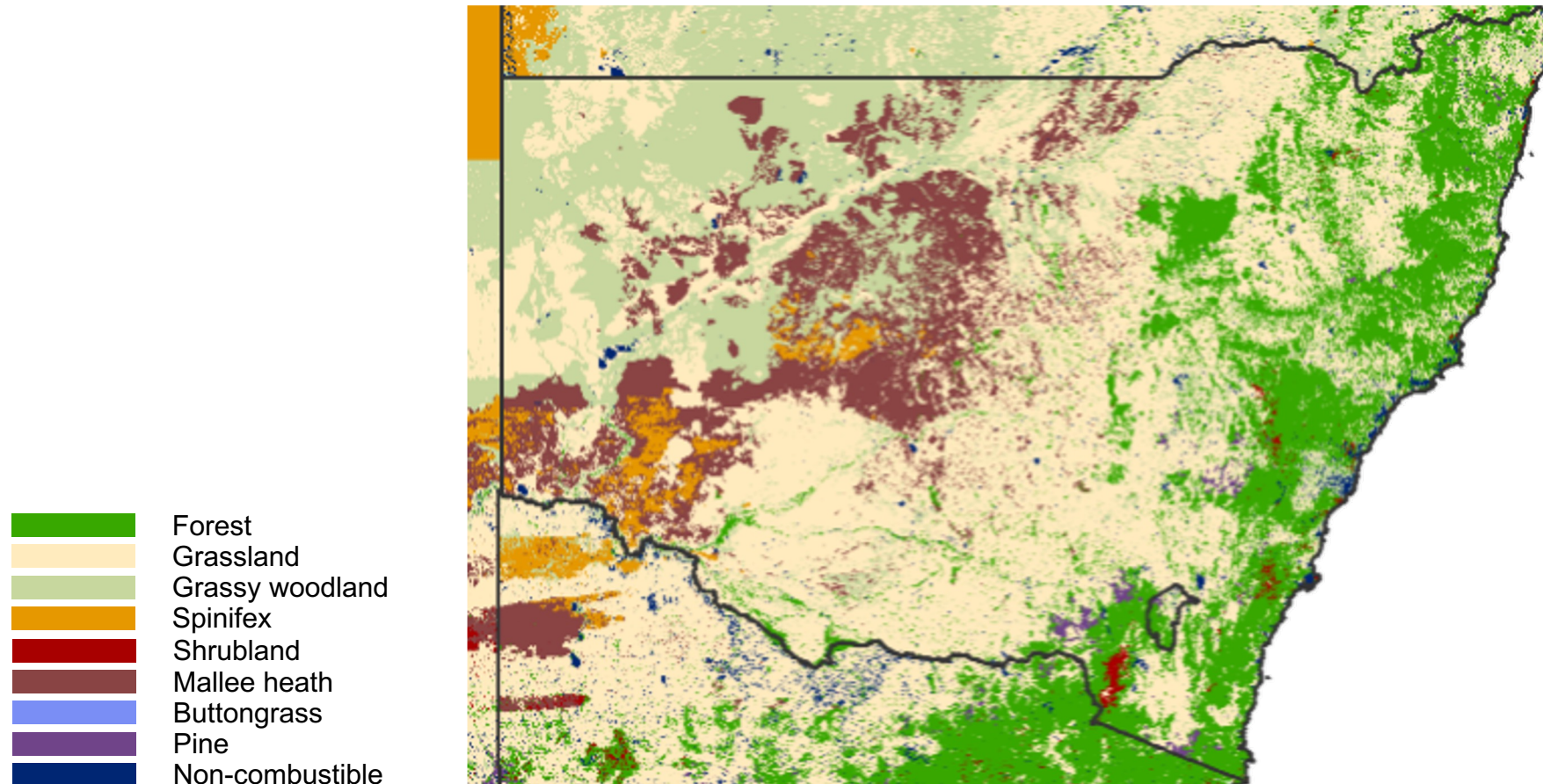
The OLD Fire Behaviour Models



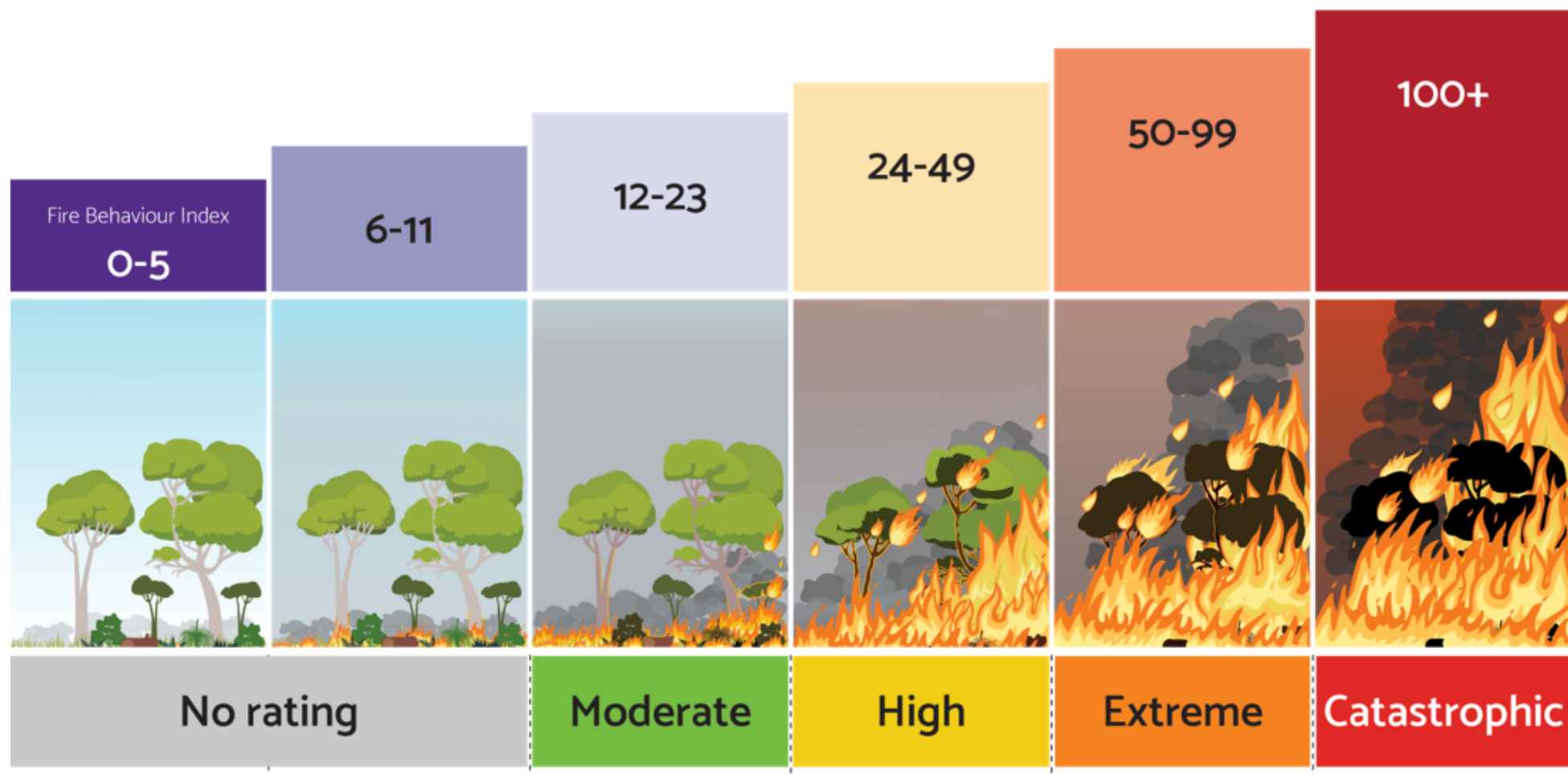
The NEW Fire Behaviour Models

							
Forest	Grassland	Grassy woodland	Spinifex	Shrubland	Mallee heath	Buttongrass	Pine
Vesta Dry Eucalypt Forest Fire Model	CSIRO Grasslandfire spread	CSIRO Grassland for northern Australia	Desert Spinifex model	Shrubland model	Mallee-Heath model	Buttongrass Moorlands model	Adjusted Pine model
Cheney et al. 2013	Cheney et al. 1998 and Cruz et al. 2015b	Cheney et al. 1998 and Cruz et al. 2015b	Burrows et al. 2017	Anderson et al. 2015	Cruz et al. 2013	Marsden-Smedley and Catchpole 1995b	Modification of Cruz et al. (2008)

The NEW Fire Behaviour Models



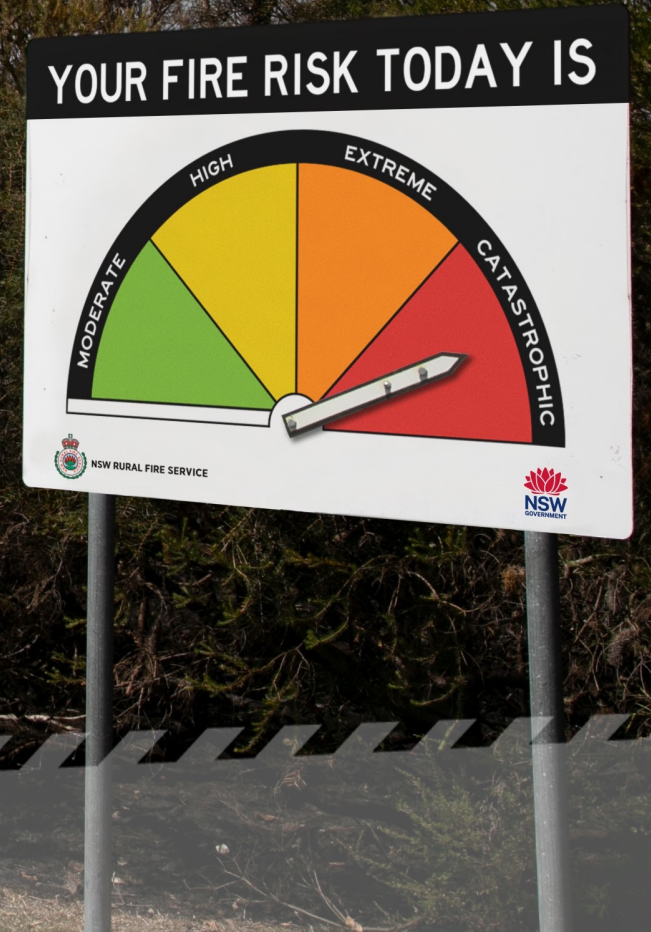
The Fire Behaviour Index & Rating



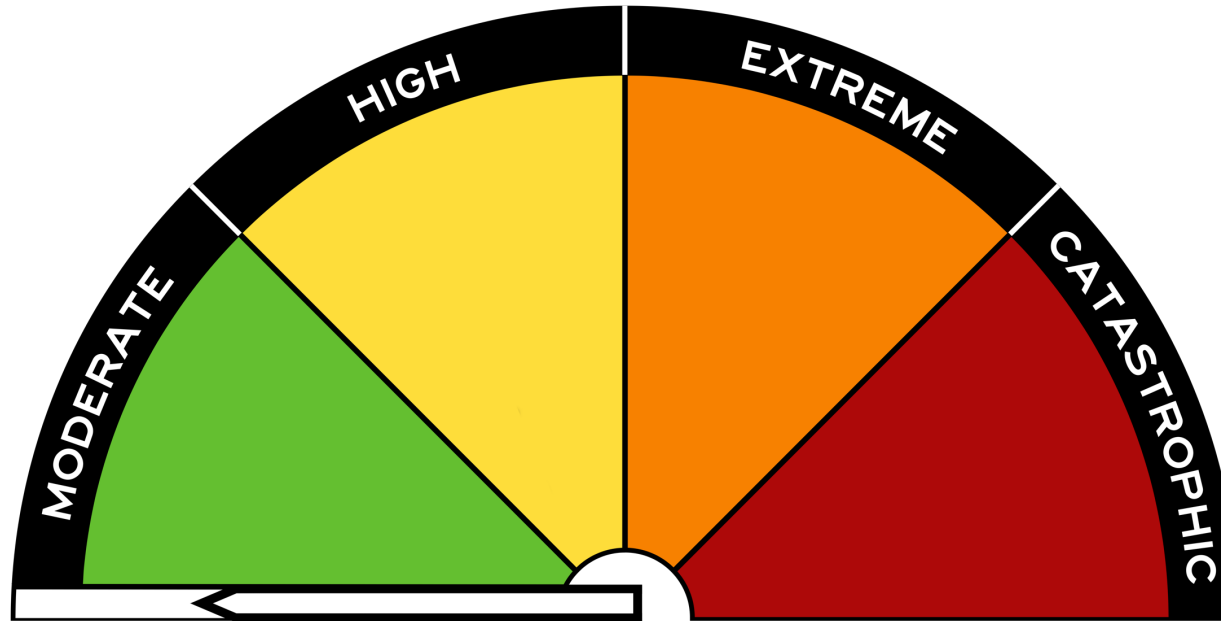
The Fire Behaviour Index

Index	Rating	Explanation
100+	Catastrophic	Fire likely to become very intense and spread over a large area.
50-99	Extreme	Fire likely to become intense and cause spot fires over long distances.
24-49	High	Fire may become large, cause spot fires over medium distances.
12-23	Moderate	Fire may become sizable. Should be able to attack and control.
0-11	No Rating	Fire will be low intensity, may self-extinguish or spread slowly.

The New Sign



No Rating – No Action Required

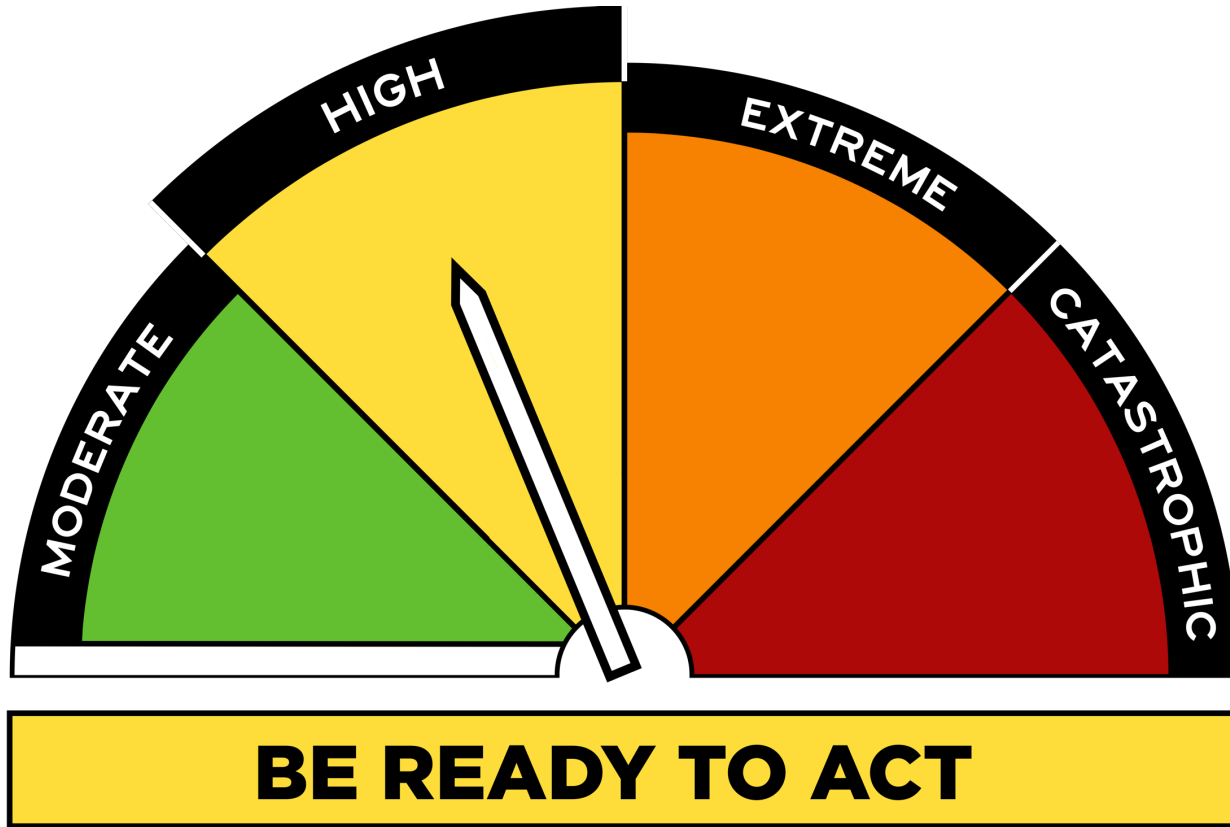


Moderate – Plan & Prepare



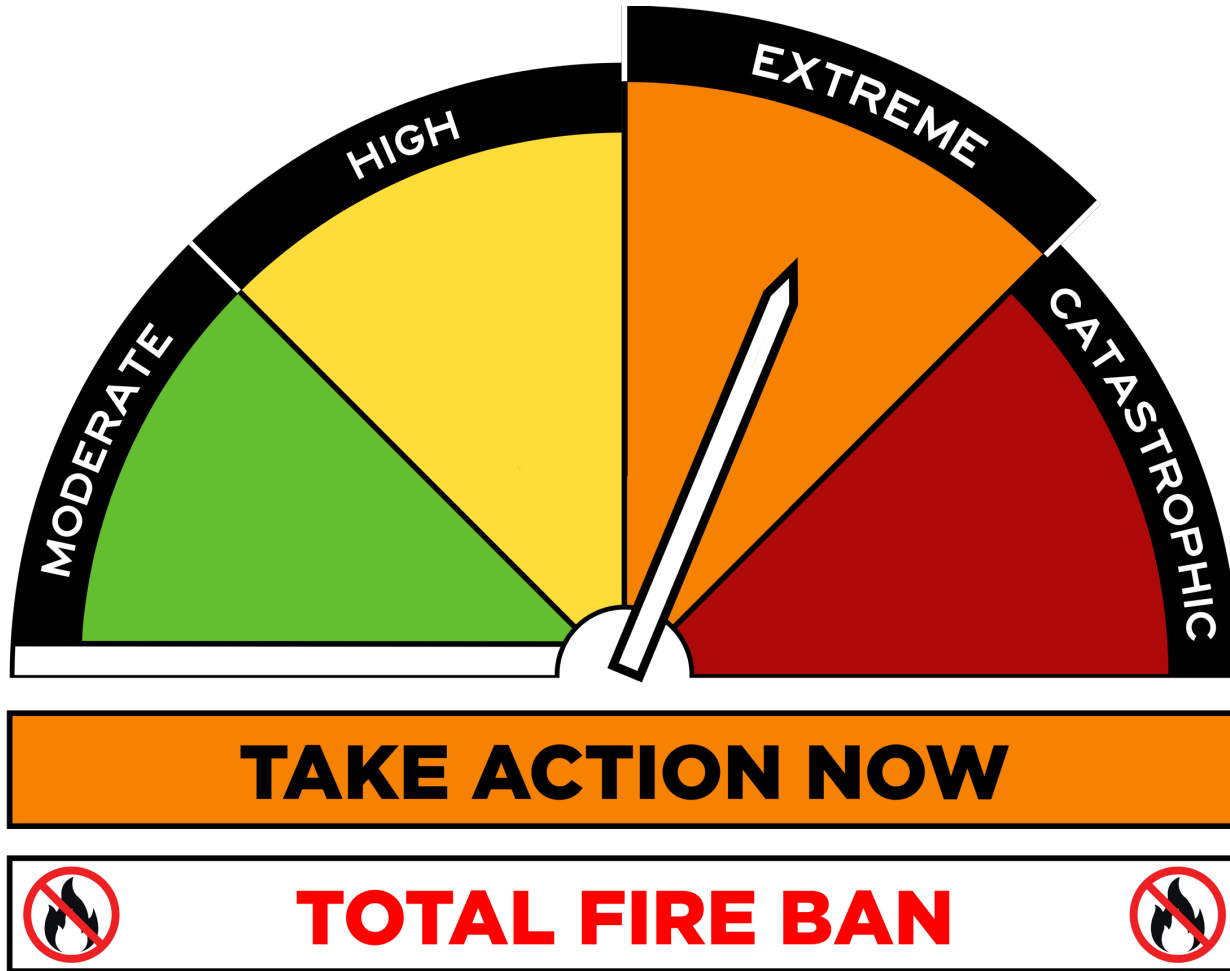
- Review your Bushfire Survival Plan
- Check your Equipment

High – Be Ready To Act



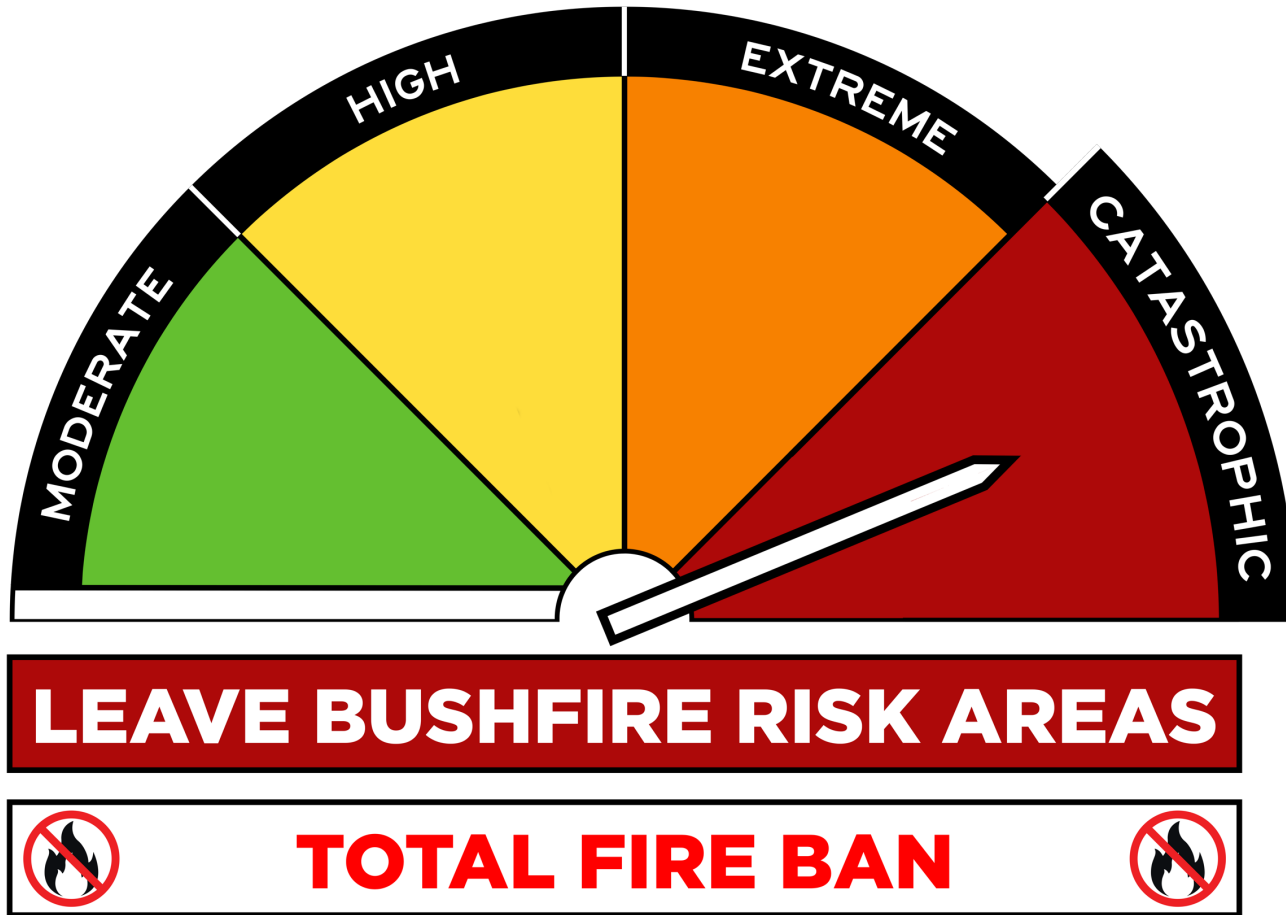
- Decide what you will do if a fire starts
- Determine triggers points and share with family
- It is safest to avoid bushfire prone areas

Extreme – Take Action Now to Protect Your Life



- Check your Bushfire Survival Plan
- Prepare your property
- Consider evacuating if you not prepared, have medical conditions, have limited escape options

Catastrophic – Leave Bushfire Risk Areas



- Your life depends on the decisions you make, even before a fire
- Homes cannot withstand fires in these conditions
- You may not be able to leave, and help may not come

What Will You Do?



Prepare/Review your Bushfire Survival Plan

GETTING READY FOR BUSH FIRE IS EASIER THAN YOU THINK

THE 4 SIMPLE STEPS ARE:



1. DISCUSS



2. PREPARE



3. KNOW

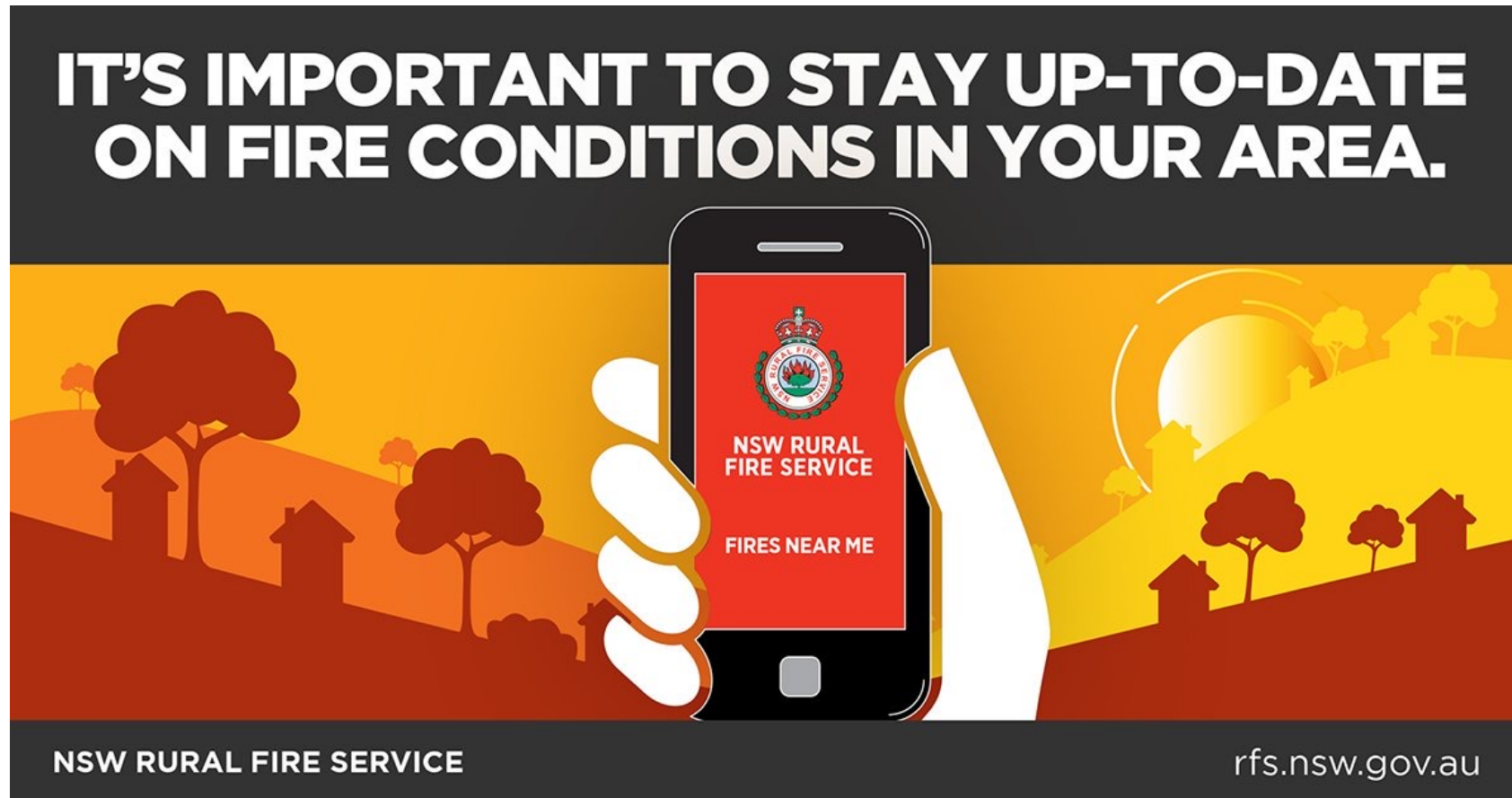


4. KEEP

GET THE GUIDE AT

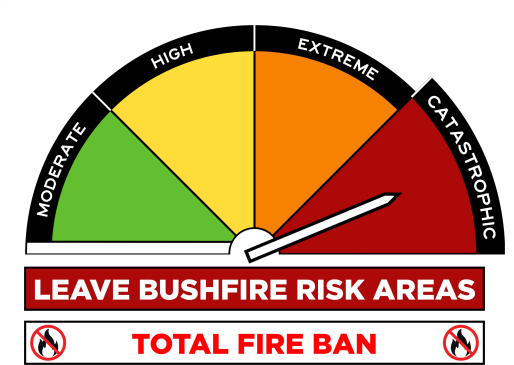
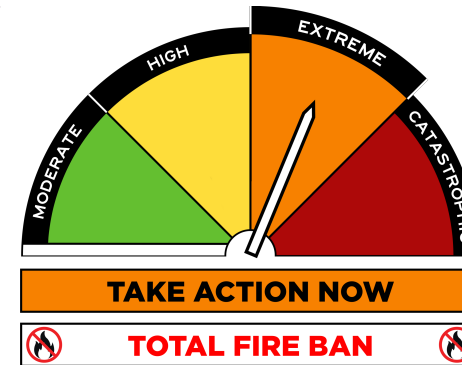
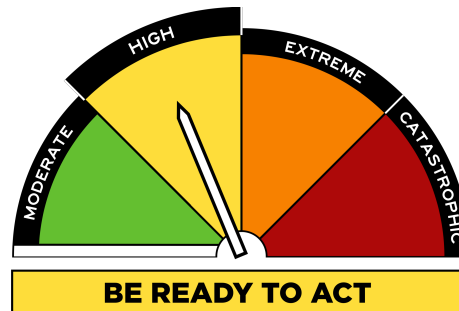
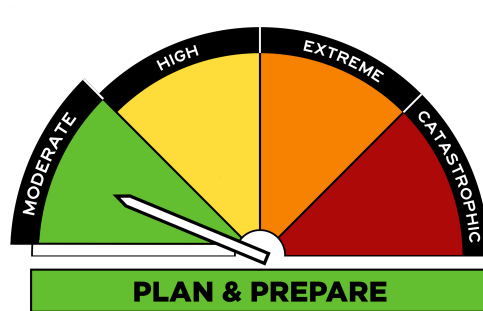
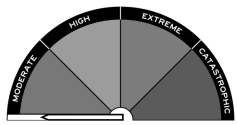
www.MyFirePlan.com.au

Maintain Awareness of Fires In Your Area



Visit **firesnear.me** to download the App

Decide When To Evacuate



Things to consider:

- Pearl Beach is nestled in bushland which has not burnt for a significant period of time
- Pearl Beach has one road in and out, which runs through the bushland
- Pearl Beach has two pedestrian routes in and out, one which goes deep into bushland on a slope, the other is narrow, rocky and empties onto a roadway
- The electricity supply to Pearl Beach runs through the bushland, and home phones need power to run
- The mobile phone coverage in Pearl Beach is limited
- **By the time a fire occurs, it may be too late to evacuate**
- **Help might not be available**

A background image of a forest fire with smoke and flames. A dashed white line runs horizontally across the bottom third of the image, indicating an evacuation route.

**It is
NEVER TOO EARLY
to
EVACUATE**

Questions?

Have a question?

- Attend the Pearl Beach Station
39 Emerald Avenue for the
Get Ready Weekend, Sun 18 Sept
- Contact Pearl Beach Brigade
pearlbeach@ccrfs.org.au
- Visit the Pearl Beach Station
39 Emerald Avenue, Pearl Beach
(Tuesdays, 7-9PM)

