

Greater Rustenburg Fire Protection Association



E-mail: grfpa.fire@gmail.com Website: <http://grfpa.org>

FDI - Fire Danger Index

THE FDI is a value between 0 and 100 that tells us how dangerous fire conditions are on any one day. The calculation of the index takes into account: Temperature, wind speed, relative humidity (moisture in the air) and previous rain.

For simplicity, the values are represented by 5 bands which are colour coded :

EXPLANATION OF THE 5 COLOURS:

Colour	Value	Fire Danger	Fire Prevention and Preparedness measures Prescribed in the ACT
BLUE	0-20	Low	No Precautions necessary
GREEN	21-45	Moderate	Fires, including prescribed burns, are allowed in the open air on condition that all reasonable precautions are taken against the fires spreading
YELLOW	46-60	Dangerous	No fires are allowed in the open air when FDI exceeds 55. Check with your Cluster Manager before burning.
ORANGE	61-75	Very Dangerous	No fires may be allowed in the open air under any circumstances.
RED	>75	Extremely Dangerous	No fires may be allowed in the open air under any circumstances, and special emergency fire preparedness measures must be put into place

- The FDI is an early warning system and no substitute for common sense and vigilance.
- **EVERYONE** has to comply with the restrictions of the FDI – whether you are an FPA member or not.
- It is a criminal offence to start, or allow a fire to burn, when the FDI is **orange** or **red**.
- Compliance with the FDI will influence legal and insurance claims.
- No burning of fire breaks after the **30th JUNE**. An extension of this date may be declared by the GRFPA based on the committee's assessment of climatic and rainfall conditions.
- The GRFPA sends out a daily FDI during fire season. To receive the FDI send a WhatsApp with your name and the subject "FDI" to **076 837 7366**