

# NFDRS Fire Evaluation Form

## 1. INCIDENT DETAILS

Observer name

First Name

Last Name

Email

example@example.com

Incident detection date

Incident detection time

Hour

Minute

s

Entry date

Jurisdiction

Description

Incident name

Description

Incident identifier

Number and/or text

Detected Location (Address)

Detected Location (Latitude, Longitude)

Location (if no GPS signal)

Description including Latitude,  
Longitude

Notes (any extra detail you want to record)

Description

## 2. INCIDENT OBSERVATIONS

Start of time period

Hour Minute  
s

End of time period

Hour Minute  
s

Status at the beginning of the time period

Selection

Status at the end of the time period

Selection

Fire type

Selection

Fire size at the beginning of the time period (ha)

Fire size at the end of the time period (ha)

Closest (or most representative) BoM AWS

Description

Have you made an observation on this fire previously? If yes please provide date,.

Maximum Forecast FFDI during time period

Maximum Forecast NFDRS FIRE BEHAVIOUR INDEX for fuel type

Maximum Forecast NFDRS DANGER RATING for fuel type

FIRE DANGER RATING Table used

Selection

Notes (any extra detail you want to record)

Description

3a. FIRE DANGER OBSERVATIONS  
*for all fuel types*

Your observed NFDRS FIRE DANGER RATING (based on your own opinion/observations using the appropriate FDR TABLE)

Selection

How confident are you in your observations? (Please rate)

Selection

Based on your experience, what rating in the current system best describes this fire?

Selection

Notes (any extra detail you want to record)

Description

3b. GRASS FIRE DANGER OBSERVATIONS  
*(only to be completed for grassfires)*

Maximum Forecast GFDI during time period

Predicted grassland curing (%)

Your observed grassland curing (%)

Notes (any extra detail you want to record)

Description

## 4. FIRE BEHAVIOUR OBSERVATIONS

Mean rate of spread during time period (m/h)

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Mean flame height during time period (m)

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Spotting distance and frequency

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Description

Did the forecasted FIRE BEHAVIOUR DESCRIPTORS and Red Flag warnings within the FDR Table broadly represent your observations of POTENTIAL fire behaviour

Selection

How confident are you in your observations? (Please rate)

Selection

Notes (any extra detail you want to record)

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Description

## 5. FUEL OBSERVATIONS

Estimated fine fuel load (t/ha)

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Which fuel layers are represented in above figure?

Surface/litter

Near-surface

Elevated

Bark

Canopy

Fuel age (years)

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How confident are you in your observations? (Please rate)

Selection

Notes (any extra detail you want to record)

Description

## 6. PRESCRIBED BURN IMPLICATIONS

*only to be completed for prescribed burns*

Prescribed burn type

Selection

Were there any burn escapes associated with prescribed burn

Selection

Did the PRESCRIBED BURN DESCRIPTORS and Red Flag warnings within the FDR Table broadly represent your expectations and fire applications?

Selection

Notes (any extra detail you want to record)

Description

## 7. RESOURCES, STRATEGIES and SUPPRESSION/CONTAINMENT DIFFICULTY

Number of field personnel operational during time period

Number of tankers/trucks operational during time period

Number of heavy plant operational during time period

Number and type of aerial resources operating during time period

Description

What width fuel break (i.e. road networks, buffers etc) proved to be adequate in containing fire (m)?

Was there any active fire suppression during time period?

Selection

If there was active fire suppression, describe any OFFENSIVE strategies used during the time period

- Direct
- Indirect
- Parallel attack

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If there was active fire suppression, describe any DEFENSIVE strategies used during the time period

- Property protection
- Evacuation
- Public notifications
- Burning out (far from fire)
- Back burn (close to fire)

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Did the SUPPRESSION/CONTAINMENT DESCRIPTORS and Red Flag warnings within the FDR Table broadly represent the difficulty of containment and the strategies used?

Selection

Notes (any extra detail you want to record)

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Description

## 8. CONSEQUENCES

Number of injuries during time period

\_\_\_\_\_

What width fuel break (i.e. road networks, buffers etc) proved to be adequate in containing fire (m)

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Houses threatened (estimated)

\_\_\_\_\_

House lost (estimated)

\_\_\_\_\_

Houses lost (known)

Estimated other assets threatened (e.g. mining infrastructure, electrical infrastructure, fence lines, machines, sheds, livestock etc)

Description

Other assets lost

Description

Did the CONSEQUENCE DESCRIPTORS within the FDR Table broadly represent the POTENTIAL effects of the fire?

Selection

Notes (any extra detail you want to record)

Description

9. OTHER

Other comments (e.g. sources of information, background information)

Description

Attachments (eg. Spread maps, photos, incident reports):

Description