

PROJECT IDENTIFICATION AND SAMPLING

① DATE Y M D ② PROJECT ID Name _____ Number _____

③ SURVEYOR _____ ④ SITE NO. _____

PRE-BURN

⑤ BCGS (Forest Cover)
 Map No. _____ Opening / Setting No. _____ ⑥ Size of Burn Prescribed _____ ha

7. FUEL ASSESSMENT Woody Fuel Assessment Method Total Woody Fuels _____ t/ha NOTE: (1 kg/m² = 10 t / ha)

A. estimated
 B. measured

Assessment Reference _____ Distribution of Fine Fuels Ladder Fuels
 A. continuous A. absent
 B. broken B. few
 C. plentiful

Assessment Reference Code _____

8. HEIGHT TO LOWEST LIVE BRANCHES _____ m 9. NUMBER OF DEPTH-OF-BURN PINS _____

BURN

⑩ BURN DATE Y M D ⑪ TIME OF BURN (LST) START _____ FINISH _____

⑫ INSTALLATION OF WEATHER STATION
 A. not installed source of data _____

OR
 B. installed on-site date activated Y M D aspect _____ slope _____ elevation _____ ⑭ GPS FILE NO. _____

OR
 C. installed off-site date activated Y M D distance from burn site _____ km *not coded

⑬ WEATHER STATION LOCATION — Off-site UTM system OR Latitude _____ Longitude _____
 Zone _____ Easting _____ Northing _____ (corrected if GPS)

UNCORRECTED GPS (FIELD) Latitude _____ Longitude _____

⑮ HAND HELD INSTRUMENTS A. used B. not used

⑯ FIRE WEATHER INDEXES

INDICES	LOWER PRESCRIBED VALUE	HIGHER PRESCRIBED VALUE	ACTUAL VALUE
FFMC	<input type="text"/>	<input type="text"/>	<input type="text"/>
DMC	<input type="text"/>	<input type="text"/>	<input type="text"/>
DC	<input type="text"/>	<input type="text"/>	<input type="text"/>
ISI	<input type="text"/>	<input type="text"/>	<input type="text"/>
BUI	<input type="text"/>	<input type="text"/>	<input type="text"/>
FWI	<input type="text"/>	<input type="text"/>	<input type="text"/>

⑰ IGNITION WEATHER CONDITIONS

WEATHER ATTRIBUTES	LOWER PRESCRIBED VALUE	HIGHER PRESCRIBED VALUE	ACTUAL VALUE
AIR TEMPERATURE (°C)	<input type="text"/>	<input type="text"/>	<input type="text"/>
RELATIVE HUMIDITY (%)	<input type="text"/>	<input type="text"/>	<input type="text"/>
WIND SPEED (km / h)	<input type="text"/>	<input type="text"/>	<input type="text"/>
WIND DIRECTION (°)	<input type="text"/>	<input type="text"/>	<input type="text"/>
CLOUD COVER (%)	<input type="text"/>	<input type="text"/>	<input type="text"/>
VENTILATION INDEX	<input type="text"/>	<input type="text"/>	<input type="text"/>
HEIGHT OF WIND SPEED MEASUREMENT	<input type="text"/>	<input type="text"/>	<input type="text"/> m

18. FIRE BEHAVIOUR

Time of Observation

Start _____ Finish _____

ATTRIBUTE	PRESCRIBED	ACTUAL
RATE OF SPREAD (m / min.)	<input type="text"/>	<input type="text"/>
FLAME LENGTH (m)	<input type="text"/>	<input type="text"/>
SCORCH HEIGHT (m)	<input type="text"/>	<input type="text"/>

Slope at Rate of Spread Measurement _____ %

 Direction of Spread
 A. upslope
 B. downslope
 C. level

 Type of Fire
 A. heading
 B. backing
 C. flanking

19. FIRE BEHAVIOUR COMMENTS

PRESCRIBED FIRE FORM (EM 4) - SIDE 2

POST BURN

20. ACTUAL SIZE OF BURN ha

21. EASE OF IGNITION
 A. very easy
 B. easy
 C. moderate
 D. difficult
 E. very difficult

20. REL. FIRE BEHAVIOUR
 A. smouldering
 B. creeping
 C. running
 D. torching
 E. crowning

25. HEIGHT OF BARK CHAR.
 m
 Based on trees

26. IGNITION EQUIPMENT
 A. hand drip torch
 B. hand propane torch
 C. aerial drip torch
 D. PFC / PREMO AID machine
 number of balls used

23. RELATIVE FIRE SEVERITY (%)

Macroplot			
1	2	3	4
Not burned			
Lightly burned			
Moderately burned			
Severely burned			
Total:	100%	100%	100%

24. AVERAGE DEPTH OF BURN (cm)

Macroplot		
Prescribed	Actual	Remaining unburned
1 <input type="text"/>	<input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	<input type="text"/>
3 <input type="text"/>	<input type="text"/>	<input type="text"/>
4 <input type="text"/>	<input type="text"/>	<input type="text"/>

27. FUEL TYPE
 A. gas
 B. gelled gas
 C. Jet B
 D. gelled Jet B
 E. diesel
 F. gelled diesel
 Fuel amount litres (l)

28. BURN MAP AVAILABLE
 A. yes
 B. no

29. POST- BURN COMMENTS

SKETCH SETTING LAYOUT OR ATTACH AERIAL PHOTO OR OTHER MAP. INDICATE IGNITION SEQUENCE, DIRECTION OF SPREAD, AND RATE OF SPREAD.

scale

SYMBOLS:
 W = WEATHER STATION → → = IGNITION SEQUENCE x → x = RATE OF SPREAD MEASUREMENT
 O = PLOTS ⇨ = DIRECTION OF SPREAD (S-1) = SPOT FIRE (number sequentially)