

# Fire Impact & Risk Evaluation Decision Support Tool F.I.R.E – D.S.T

Oct 2011 - Research Advisory Forum  
Integrating the FFM into the BCRC FIRE-DST

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NSW Office of Environment & Heritage



Australian Government  
Geoscience Australia



Australian Government  
Bureau of Meteorology

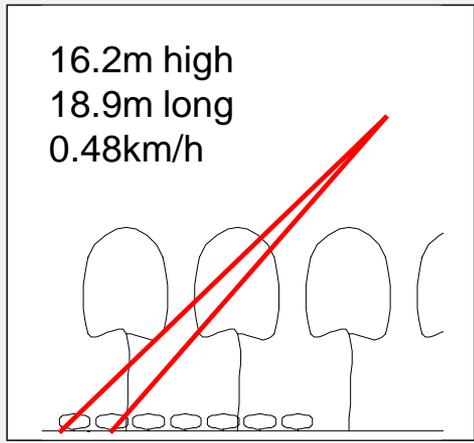


THE UNIVERSITY OF  
MELBOURNE

# Missing information

## Breezy summer day

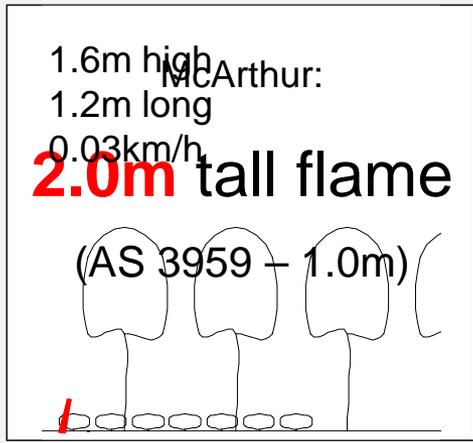
Wind	Temp	RH	DF	FFDI
22	23	27	7	<b>13</b>



Mean radiation 373kJm<sup>-2</sup>  
Mean timber heating **16°C**  
Max air temp **107°C**

## Still summer day

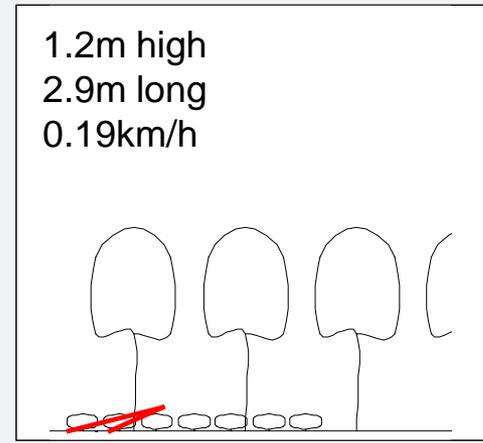
Wind	Temp	RH	DF	FFDI
8	27	20	7	<b>13</b>



Mean radiation 59kJm<sup>-2</sup>  
Mean timber heating **3°C**  
Max air temp **27°C**

## Spring gale

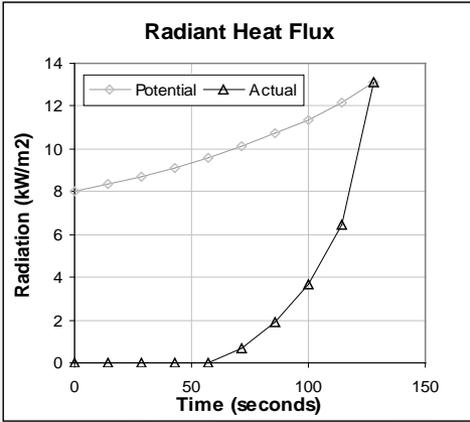
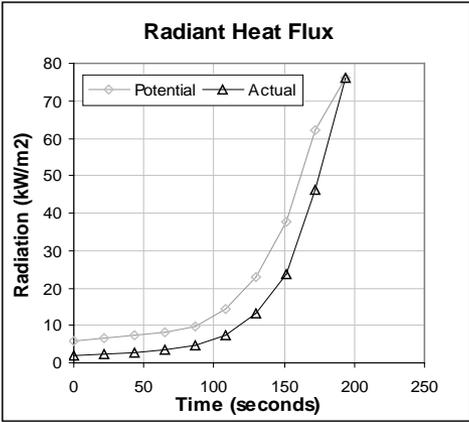
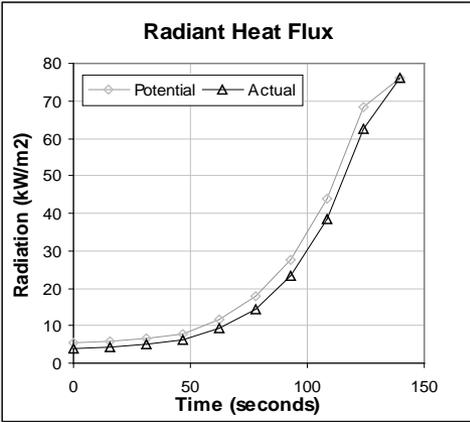
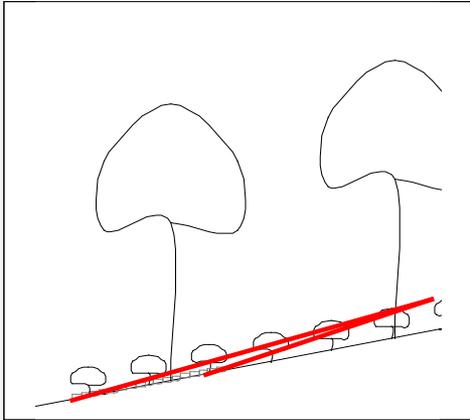
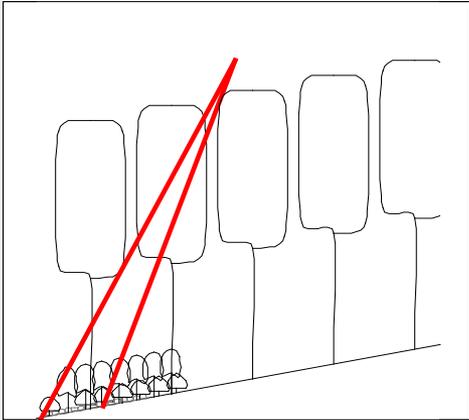
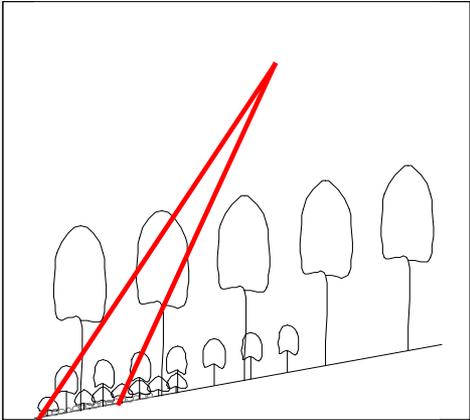
Wind	Temp	RH	DF	FFDI
75	13	50	6	<b>13</b>



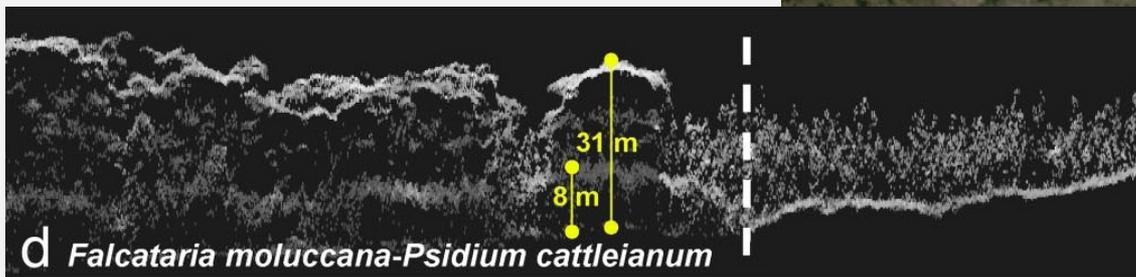
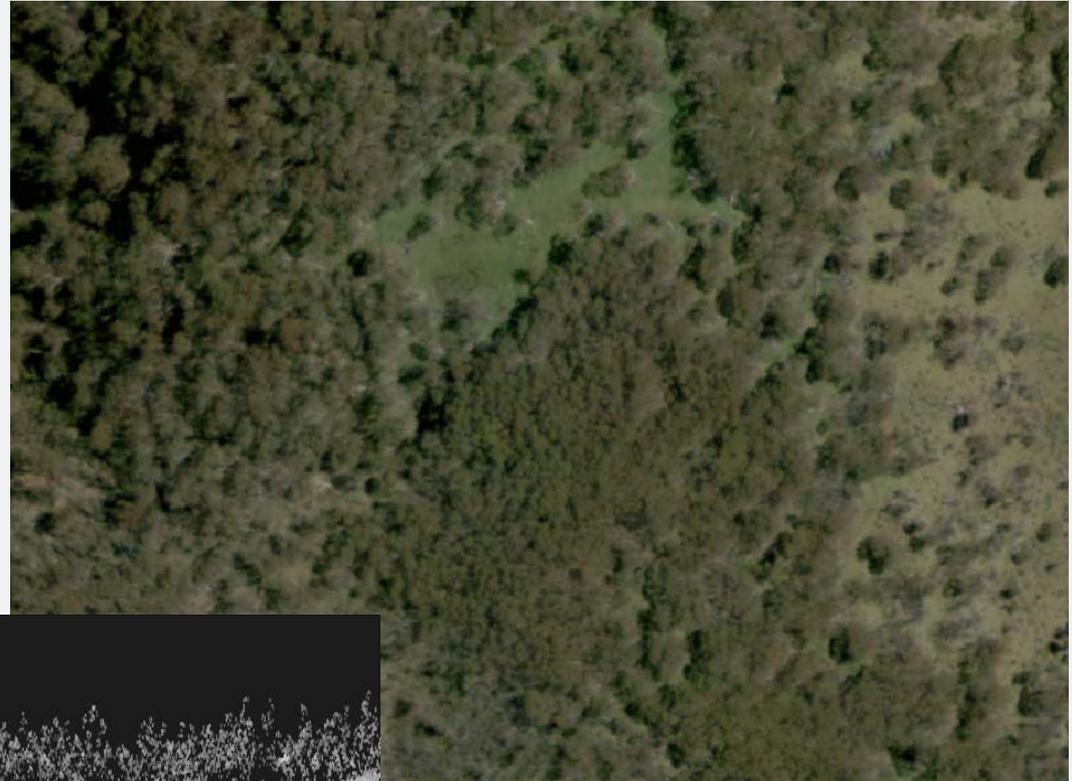
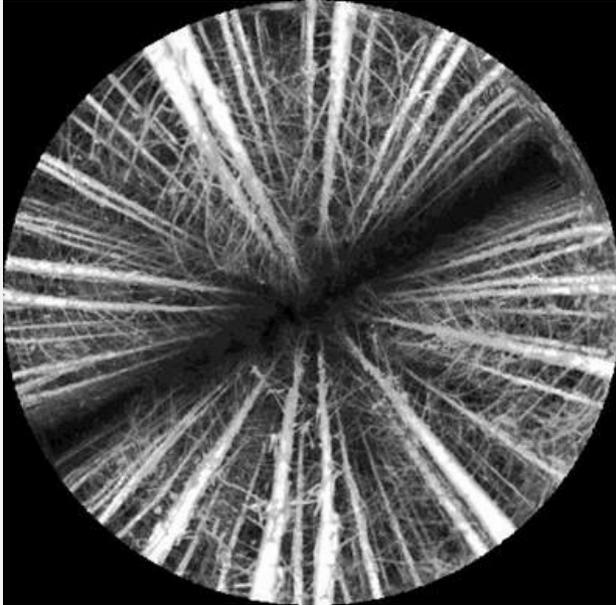
Mean radiation 74kJm<sup>-2</sup>  
Mean timber heating **3°C**  
Max air temp **367°C**



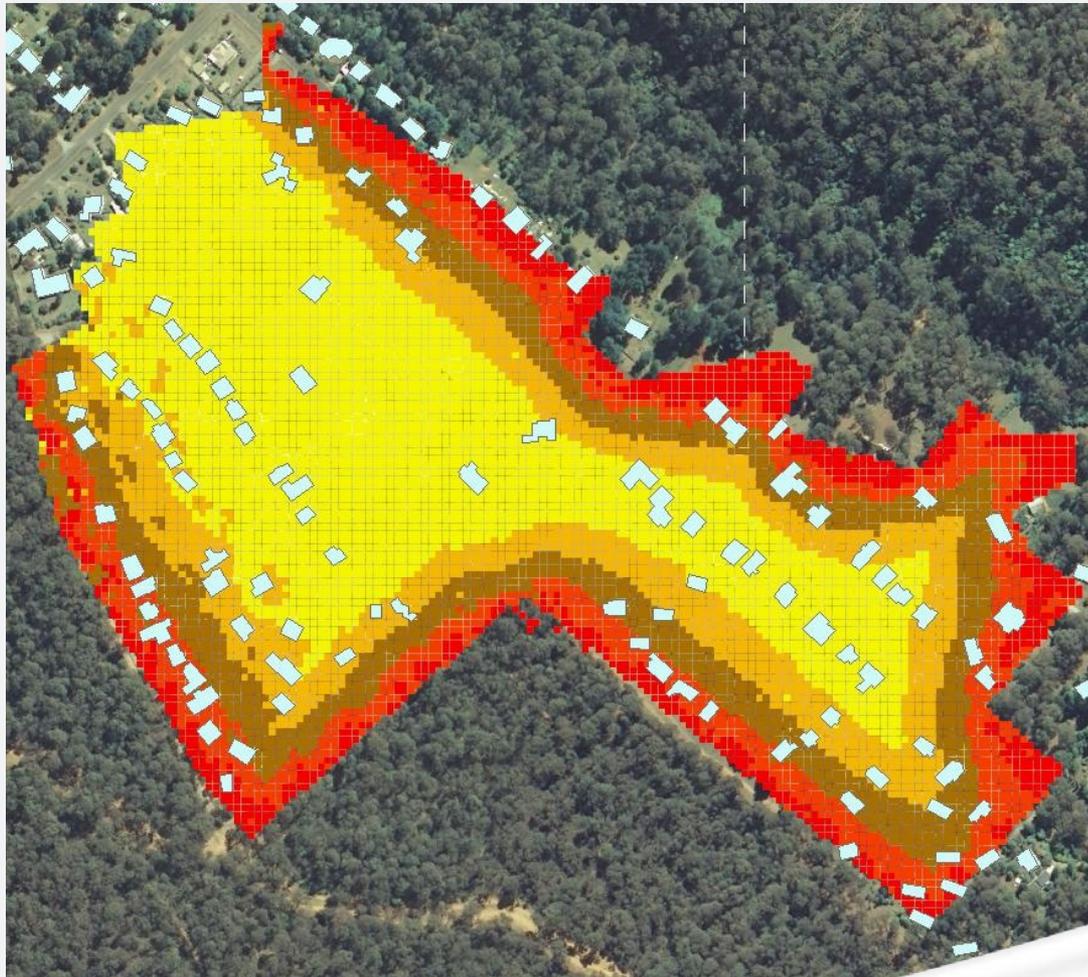
# Obscuration Effects



# Collecting Fuel Parameters



# Stage Two



[nswnationalparks.com.au](http://nswnationalparks.com.au)