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RATE OF SPREAD, CH/H (V4.4)

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1 HR I	MIDFLAME WIND, MI/H					
MOIS I						
I	4.0	6.0	8.0	10.0	12.0	14.0
(%) I						
5.0 I	64.	143.	255.	297.*	297.*	297.*
6.0 I	61.	135.	242.	270.*	270.*	270.*
7.0 I	57.	127.	228.	242.*	242.*	242.*
8.0 I	52.	117.	199.*	199.*	199.*	199.*
9.0 I	45.	101.	136.*	136.*	136.*	136.*
10.0 I	35.	65.*	65.*	65.*	65.*	65.*
11.0 I	13.*	13.*	13.*	13.*	13.*	13.*

* MEANS YOU HIT THE WIND LIMIT.

FUEL MODEL 1 HEAD FIRE

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FIRELINE INTENSITY, BTU/FT/S (V4.4)

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1 HR I	MIDFLAME WIND, MI/H					
MOIS I						
I	4.0	6.0	8.0	10.0	12.0	14.0
(%) I						
5.0 I	109.	242.	433.	504.*	504.*	504.*
6.0 I	101.	224.	402.	449.*	449.*	449.*
7.0 I	93.	206.	369.	392.*	392.*	392.*
8.0 I	81.	179.	305.*	305.*	305.*	305.*
9.0 I	62.	138.	186.*	186.*	186.*	186.*
10.0 I	37.	70.*	70.*	70.*	70.*	70.*
11.0 I	9.*	9.*	9.*	9.*	9.*	9.*

* MEANS YOU HIT THE WIND LIMIT.

FUEL MODEL 1 HEAD FIRE

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FLAME LENGTH, FT (V4.4)

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1 HR I	MIDFLAME WIND, MI/H					
MOIS I						
I	4.0	6.0	8.0	10.0	12.0	14.0
(%) I						
5.0 I	3.9	5.6	7.3	7.9*	7.9*	7.9*
6.0 I	3.8	5.4	7.1	7.5*	7.5*	7.5*
7.0 I	3.6	5.2	6.8	7.0*	7.0*	7.0*
8.0 I	3.4	4.9	6.3*	6.3*	6.3*	6.3*
9.0 I	3.0	4.3	5.0*	5.0*	5.0*	5.0*
10.0 I	2.4	3.2*	3.2*	3.2*	3.2*	3.2*
11.0 I	1.2*	1.2*	1.2*	1.2*	1.2*	1.2*

* MEANS YOU HIT THE WIND LIMIT.

FUEL MODEL 1 HEAD FIRE

=====

RATE OF SPREAD, CH/H (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H
 MOIS I
 I 4.0 6.0 8.0 10.0 12.0 14.0
 (%) I

5.0 I	5.	6.	8.	8.	8.	8.
6.0 I	4.	6.	7.	7.	7.	7.
7.0 I	4.	6.	7.	7.	7.	7.
8.0 I	4.	5.	6.	6.	6.	6.
9.0 I	3.	4.	5.	5.	5.	5.
10.0 I	2.	3.	3.	3.	3.	3.
11.0 I	1.	1.	1.	1.	1.	1.

FUEL MODEL 1 BACKING FIRE

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FIRELINE INTENSITY, BTU/FT/S (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H
 MOIS I
 I 4.0 6.0 8.0 10.0 12.0 14.0
 (%) I

5.0 I	8.	11.	13.	13.	13.	13.
6.0 I	7.	10.	12.	12.	12.	12.
7.0 I	7.	9.	11.	11.	11.	11.
8.0 I	6.	8.	9.	9.	9.	9.
9.0 I	4.	6.	7.	7.	7.	7.
10.0 I	3.	3.	3.	3.	3.	3.
11.0 I	1.	1.	1.	1.	1.	1.

FUEL MODEL 1 BACKING FIRE

=====

FLAME LENGTH, FT (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H
 MOIS I
 I 4.0 6.0 8.0 10.0 12.0 14.0
 (%) I

5.0 I	1.2	1.3	1.5	1.5	1.5	1.5
6.0 I	1.1	1.3	1.4	1.4	1.4	1.4
7.0 I	1.1	1.2	1.3	1.4	1.4	1.4
8.0 I	1.0	1.2	1.3	1.3	1.3	1.3
9.0 I	.9	1.0	1.1	1.1	1.1	1.1
10.0 I	.7	.8	.8	.8	.8	.8
11.0 I	.4	.4	.4	.4	.4	.4

FUEL MODEL 1 BACKING FIRE

=====

RATE OF SPREAD, CH/H (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H
 MOIS I

I 4.0 6.0 8.0 10.0 12.0 14.0

(%) I

5.0 I	9.	12.	15.	15.	15.	15.
6.0 I	8.	11.	14.	14.	14.	14.
7.0 I	8.	11.	13.	13.	13.	13.
8.0 I	7.	10.	12.	12.	12.	12.
9.0 I	6.	8.	9.	9.	9.	9.
10.0 I	5.	6.	6.	6.	6.	6.
11.0 I	2.	2.	2.	2.	2.	2.

FUEL MODEL 1 FLANK FIRE

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FIRELINE INTENSITY, BTU/FT/S (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H

MOIS I

I 4.0 6.0 8.0 10.0 12.0 14.0

(%) I

5.0 I	15.	20.	25.	26.	26.	26.
6.0 I	14.	19.	23.	24.	24.	24.
7.0 I	12.	17.	21.	22.	22.	22.
8.0 I	11.	15.	18.	18.	18.	18.
9.0 I	8.	11.	13.	13.	13.	13.
10.0 I	5.	7.	7.	7.	7.	7.
11.0 I	1.	1.	1.	1.	1.	1.

FUEL MODEL 1 FLANK FIRE

=====

FLAME LENGTH, FT (V4.4)

=====

1 HR I MIDFLAME WIND, MI/H

MOIS I

I 4.0 6.0 8.0 10.0 12.0 14.0

(%) I

5.0 I	1.5	1.8	2.0	2.0	2.0	2.0
6.0 I	1.5	1.7	1.9	1.9	1.9	1.9
7.0 I	1.4	1.7	1.8	1.8	1.8	1.8
8.0 I	1.3	1.6	1.7	1.7	1.7	1.7
9.0 I	1.2	1.4	1.5	1.5	1.5	1.5
10.0 I	.9	1.1	1.1	1.1	1.1	1.1
11.0 I	.5	.5	.5	.5	.5	.5

FUEL MODEL 1 FLANK FIRE