



## Significant Fire Potential Matrix

ERC FMF	Minimum RH		
	<26	26-38	>39
< 1	Green	Green	Green
2-3	Green	Green	Green
4-5	Blue	Blue	Blue
6-7	Blue	Blue	Blue
8-9	Blue	Blue	Blue
10-11	Yellow	Yellow	Blue
12-13	Yellow	Yellow	Blue
14-15	Yellow	Yellow	Blue
16-17	Yellow	Yellow	Blue
18-19	Yellow	Yellow	Blue
20-21	Brown	Yellow	Blue
22-23	Brown	Yellow	Blue
24-25	Brown	Yellow	Blue
>26	Brown	Yellow	Blue

Green	Low Significant Fire Potential
Blue	Moderate Significant Fire Potential
Yellow	High Significant Fire Potential
Brown	Very High Significant Fire Potential

The "Significant Fire Potential Matrix" represents potential for a significant fire as it relates to minimum RH and ERC.

There is an increase in predictability when utilizing minimum relative humidity to further refine ERC thresholds for significant fire potential.

**Low potential** – 35 % of days, 4% of significant fires

**Moderate potential** – 41% of days, 7% of significant fires

**High potential** – 19% of days, 39% of significant fires

**Very High Potential** – 5% of days, 50% of significant fires

Low relative humidity event often coincide with offshore flow/east wind events



Updated 05/28/2015



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