

<b>Wind Direction*</b>	<b>ESE</b>	<b>ESE</b>	<b>SE</b>	<b>Variable</b>	<b>ESE</b>	<b>SE</b>
<b>Min Humidity (%)</b>	<b>44</b>	<b>46</b>	<b>48</b>	<b>42</b>	<b>42</b>	<b>35</b>
<b>Transport Speed</b>	<b>25</b>	<b>25</b>	<b>15</b>	<b>5</b>	<b>12</b>	<b>15</b>
<b>Dispersion</b>	<b>67</b>	<b>67</b>	<b>47</b>	<b>70</b>	<b>70</b>	<b>75</b>
<b>Chance of Rain</b>	<b>5%</b>	<b>10%</b>	<b>50%</b>	<b>20%</b>	<b>20%</b>	<b>5%</b>
<b>KEY:</b>	<b>Moderate Burning Conditions</b>		<b>Take Caution - Critical Burning Conditions</b>		<b>Extreme Burning Conditions</b>	
Max Temp	<80F		80	to	90	> 90
LAL	< 3		3	to	4	> 4
20 FT Wind	< 10 mph		10	to	15	> 15 mph
*Wind Direction	Criticality of wind direction highly dependent on burn operations and/or structures threatened					
Min Humidity	< 65		40	to	50	< 40
Dispersion	> 40		60	to	75	> 75

**Four or more Critical or two Extreme blocks in a day equals potential for a Critical Day**

**This forecast matrix was developed for the Cowbell fire and uses criteria specific for this incident. Every incident will respond to conditions differently and adjustments to the formulas and or categories used may be needed.**