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|  | | **WEATHER OBSERVATIONS** | | | | | | | | | | | | | | | | | | | | | |  | |  | | |  | | | | |  | | | | |  | | | |  | | | | | | | | | |  | | |  | |  |  |  | | | |
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|  | | **FIRE BEHAVIOR OBSERVATIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |  | | | | | |  | | | |  | | | | | | | | | | |
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| \*Fire Type: B (backing), H (heading), or F (flanking) | | | | | | | | | | | | |  | | | |  | | | | | | | | |  | | | | |  | | | |  | | | | | |  | | | | |  | | | | | \*Comments: % Consumption, scorch height, spotting dist., | | | | | | | | | |
| \*Flame Length (FL): nearest inch (0-23"); 0.5 foot (2-4'); 1.0 foot (4-15'); 5.0 feet (>15') | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |  | | | | |  | | | | | ~% shading of fuels, fuel continuity | | | | | | | | | |
| \*Flame Zone Depth (FZD): nearest inch (0-23"); 0.5 foot (2-4'): 1.0 foot (>4') | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |  | | | | | |  | | | | |  | | | | | ~unusual fire behavior | | | | | | | | | |
| \*Rate of Spread (ROS): ft/min or chains/hr | | | | | | | | | |  | | | |  | | | | | |  | | | |  | | | | | |  | | | | |  | | | | | |  | | | | |  | | | | | ~photo reference # | | | | | | | | | |
| \*Primary Carrier: litter, duff, pine cones, 1hrs, 10 hrs, 100hrs, 1000hrs, grass/forbs, shrubs, trees, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |  | | | | | ~etc. | | | | | | | | | |
|  | | | **SMOKE OBSERVATIONS** | | | | | | | | | | | | | | | | | |  | | | | | | | |  | | | | | | | |  | | | | | |  | | | | |  | | | | | | | | | | | | | |
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| HAINES INDEX: | | | | FORECASTED  TRANSPORT  WINDS: | | | | | | | | | | | | | | | | | | | | | | | | | SMOKE  SENSITIVE  AREAS: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **TIME** | | | **LOCATION & ELEVATION** | **WIND SPEED & DIRECTION** | | | | **SMOKE COLUMN OR INVERSION ELEVATION ABOVE GROUND LEVEL** | | | | | | | | | | | | | **SMOKE COLUMN DIRECTION** | | | | | | | | **PLUME TYPE 1-5 (BELOW)** | | | | | | | | **COLOR** | | | | | | **VOLUME** | | | | | | | **OTHER OBSERVATIONS\*** | | | | | | | | | | | |
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|  | | | RISING STRAIGHT UP, MAY HAVE CUMULUS TOP | RISING HIGH, THEN SHEARED BY WIND | | | | RISING LOW, WIND INFLUENCED | | | | | | | | | | | | | NOT RISING; LITTLE WIND OR INVERSION | | | | | | | | FLOWING OVER STEEP CLIFF OR EDGE; OR COLLAPSED COLUMN | | | | | | | |  | | | | | |  | | | | | | | \*Observations include visibiliy, inversion status, visibility to sighted distance, impacts to smoke sensitive areas/resources, forward & back scatter, complaints, etc. | | | | | | | | | | | |

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