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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **FIRE BEHAVIOR OBSERVATIONS** | | | | | | | | | | | |  | |  | |  | |  | |
|  |  |  |  | | |  | |  |  | | |  |  | |  | |  | | Page \_\_\_ of \_\_\_ | |
|  |  |  |  | | |  | |  |  | | |  |  | |  | |  | |  | |
| DATE: |  | FIRE NAME: |  | | | | | | | | | OBSERVERS: | | | | | | | | | |
|  |  |  |  | |  | |  | | |  | |  | |  | |  | |  | |  | |
| TIME | LOCATION | ELEVATION | ASPECT | | SLOPE (%) | | FIRE TYPE\* (B/H/F) Circle one | | | FLAME LENGTH\* | | FLAME ZONE DEPTH\* | | ROS\*  \_\_\_Ch/hr  \_\_\_ft/min  \_\_\_Other | | PRIMARY CARRIER\* | | FUEL MODEL | | COMMENTS\* | |
| PRESCRIPTION: | |  |  | |  | |  | | |  | |  | |  | |  | |  | |  | |
|  |  |  |  | |  | | B F H | | |  | |  | |  | |  | |  | |  | |
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|  |  |  |  | |  | | B F H | | |  | |  | |  | |  | |  | |  | |
| \*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. | |