|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Burn Severity (NBR)** | | | | |
| Fire Name |  |  | Lat |  |
| Plot Number |  |  | Long |  |
| Observer(s) |  |  | Datum | NAD83 WGS 84 Other |
| Date |  |  | Slope |  |

Preburn Postburn Other:\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Litter Depth | Duff Depth |  | Fuel Type | Grass Shrub/Brush Timber Slash |
|  |  |  | Ground Cover | % Remarks: |
|  |  |  | Fire Type | Surface Fire Crown & Surface Independent Crown |
|  |  |  | Roots | No Change Scorched Fine Roots Consumed |

**Color of Surface (%)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Green % | Brown % | | Grey % | Black % | White % | | Orange % |
|  |  | |  |  |  | |  |
| Min Bole Char Height | | Max Bole Char Height | | Min Crown Scorch | | Max Crown Scorch | |
|  | |  | |  | |  | |

**Severity (circle one)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Enhanced Regrowth Low | Enhanced Regrowth High | Unburned | Low Severity | Mod-Low Severity | Mod-High Severity | High Severity |
|  |  |  |  |  |  |  |

**Unburned**: Plant parts green and unaltered, no direct effect from heat.

**Low**: Canopy trees with green needles although stems scorched.

**Moderate-Low**: Surface litter, mosses, and herbs charred and soil with little or no impact.

**Moderate-High**: Soil organic layer largely intact and charring limited to a few mm depth. Trees with some canopy cover killed, but needles not consumed. All understorey plants charred or consumed. Fine dead twigs on soil surface consumed and logs charred or consumed. Pre-fire soil organic layer largely consumed.

**High**: or crown fire: Canopy trees killed and needles consumed. Surface litter of all sizes and soil organic layer largely consumed White ash deposition and charred organic matter to several cm depth.

Hydrophobic? Yes / No

**Horizon Depth (inches)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| O Horizon | A Horizon | E Horizon | B Horizon | C Horizon |
|  |  |  |  |  |

Remarks:

|  |
| --- |
|  |