

Existing Forms FFI / Firemon Web site

 National Park Service Fire Monitoring Handbook

• Silviaterra "Plot Hound"

ABFast

Kin

FFI Example

| | F | uel L | .oad | d (FL | .) Fo | rm | | | | | Regist | trationID | : | | 7 | Fl | Page | |
|--------------------|-------------|---------|---------|----------|-----------------------------------|----------|-----------------------------------|-----------|---------------|------|--------------------|---------------|---------------------|----------------|---------------|--------------------|---------------|----|
| 1.1 | | Measure | ement | Field 1 | Field 2 | Field 3 | Field 4 | Field 5 | | Key | Projec | tID: | | | | | | |
| | | Distanc | ces | 1-hour | 10-hr | 100-hr | 1000-hr | # of | | Plot | PlotID | : | | | | | | |
| | | ft/m | | | | | | Transcots | | | Date: | /_ | _/ | | | | | |
| FL Tab | le 1 - | Fine Wo | oody [| Debris (| <3in / < | <8cm) | - Duff 8 | Litter | | | FL Ta | ble 2 - | Coarse | Wood | y Debr | is (>3in | / >8cm | 1) |
| Field 6 | Field 7 | Field 8 | Field 9 | Field 10 | Field 11 | Field 12 | Field 13 | Field 14 | Field 15 | 11 | Field 16 | Field 17 | Field 18 | Field 19 | Field 20 | Field 16 | Field 17 | Γ |
| Transect Number | Slope % | 1-hr | 10-hr | 100-hr | Duff/Litter Depth 1 (in/cm) | Litter % | Duff/Litter Depth 2 (in/cm) | Litter % | Local Code | | Transect Number | Log Number | Diameter (in/cm) | Decay Class | Local Code | Transect Number | Log Number | |
| 1 | | | | | | | | | | 11 | | | | | | | | T |
| 2 | | | | | | | | | | Π | | | | | | | | |
| 3 | | | | | | | | | | Π | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | II | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| Notes/Dot | Tally Space | æ: | | | | | | | | | | | | | | | | L |
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| Crew: | | | | | | | | | | | | | | | | | <u> </u> | ┞ |

FL Page _ _ of _ _

Number (in/cm)

Field 17 Field 18 Field 19 Field 20

Diameter

Decay

Class

Local

Code

| | Park/Unit 4-Character Alpha Code: | | | | | | | | | Code: | |
|-----------------|-----------------------------------|------------|------------------|------------|----------|---------|-----------|-----------|----------|------------|-----|
| FMH-19 | | FORES | T PLOT | FUELS | INVENT | ORY | DATA S | HEET | | Page | ∋of |
| Plot ID: | | | | _ | B/(| C (Circ | le One) | | Date | : <u>/</u> | 1 |
| Burn Unit: | | | | | Reco | rders: | | | | | |
| Burn Status:C | ircle one | and indi | cate num | ber of tir | nes trea | ted, e. | g., 01-yr | 01, 02-y | r01 | | |
| 00-PRE | Post | yr01 | yr02 | yr0{ | 5yr | 10 | -yr20Oth | ner: | -yr | ;m | 0 |
| Transect leng | -3: | 3+s | | 3+r: | | | | | | | |
| | # | of interce | ots | Diame | ter (in) | | Li | ter and D | ouff Dep | ths (in) | |
| | 0–.25" {1-hr} | .25–1" | 1-3" (109.br) | 3+5 | 3+r | 1 | L | D | | L | D |
| Transect 1 | (1.1.7 | | ,, | | | 1 | | | 25 | | |
| Compass | | | | | | 5 | | | 30 | | |
| Dir° | | | | | | | | | | | |
| Slope% | | | | | | 10 | | | 35 | | |
| Tag 1A | | | | | | 15 | | | 40 | | |
| & 1B | | | | | | 20 | | | 45 | | |
| Transect 2 | | | | | | 1 | | | 25 | | |
| Compass | | | | | | 5 | | | 30 | | |
| Dir° | | | | | | 10 | | | 25 | | |
| Slope% | | | | | | 10 | | | 33 | | |
| ag ZA & 2B | | | | | | 15 | | <i>.</i> | 40 | | |
| Turneral C | | | | | | 20 | | | 45 | | |
| Transect 3 | | | | | | 1 | | | 25 | | |
| Compass | | | | | | 5 | | | 30 | | |
| Dir° Slana % | | | | | | 10 | | | 35 | | |
| Tag 3A | | | | | | 15 | | | 40 | | |
| & 3B | | | | | | 20 | | | 45 | | |
| Transect 4 | | | | | | 1 | | | 25 | | |
| Compass | | | | | | 5 | | | 30 | | |
| Dir° | | | | | | 10 | | | 35 | | |
| Slope% | | | | | | 45 | | | 40 | | |
| 189 4A & 4B | | | | | | 15 | | | 40 | | |
| | | | | | | 20 | | | 45 | | |

Note: See reverse for definitions and tally rules

Date Entered: / /

DOT Tally







Notes

COPY LAST TREE

Ø Remove Trees Orop Plot

Clear Value

ADD NEW TREE 4

Age (years)

+

Complete Plot





Cruise Page

Custom Building Your Own Forms

Use a Word Processing or Spreadsheet program to build your own forms.

| Fire: | | | | Crew: | | | | Post crew: | | | | | | |
|----------|---|-------------|------------|------------------------------------|---------------------------------|-------------|------------------------|------------|---------|--|------------------------|---------------------|--|--|
| Plot: | | | Date: | Date: | | | | Post date: | | | | | | |
| | Herb/Grass: Collected within 3 (1yd x 50 ft) belt transects | | | | | | | | | | | | | |
| Transect | life form: grass, herb, species | % cover | estimate | *grass type 1-4, shrub 1- 5? | density class 1-6 (low-high) | | average height (in) | | % alive | | % foliage scorched | % foliage consumed | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | |
| | | | | + | | | | | | | | | | |
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| | | | | This is | | | | | | | | | | |
| | | | | done at | | | | | | | | | | |
| | | | | the office. | | | | | | | | | | |
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| | | | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | *6 | - 14h - | | | | .:66 | C-1: 0 | | | | | | | |
| | "Tunctional type note: if herb ha | is leathery | or big lea | aves & stem | s=shrub | ; if fine i | toliage 8 | z stems= | grass | | 100 clipboards = 1 sid | le of belt transect | | |
| | | | | | | | | | | | clipboards = 1 | % of the area | | |

Comments/notes: invasive weeds?

plants observed and not captured in transects?

The benefit to using a spread sheet to build your forms is you can create complex data collection if you need.

| | | | | | Plot i | nformat | ion & Fu | els data | (3, 50ft | transects | 5) | | | | | | |
|------------------|---------------|----------------|---------------------|-------------------|-----------------|----------------|--------------|---------------|-----------------------|-----------------|-----------------|------------------|------------------|-----------------|-------------|------------|--|
| Fire: | | | Crew: | | | | Post crew: | | | | | | GPS cordinates | s/system: | WGS 84? | | |
| Plot: | | | Date: | | | | Post date: | | | | | | Lat. | | nicture che | rklist use | |
| Pre-fire % cov | er shrubs (| est. for plot) | = | Post-fire % co | ver shrubs (es | t. for plot) = | | Plot aspect | et (deg): overall plo | | slope (%): | | Long. | | nave | navcam | |
| | | | Dea | d and down cou | ınt | Depth near | est 1/2 inch | | | | | Max fue | l height neares | t 1/2 inch | 0-50 | 50-0? | |
| Transect 50-0 | Status | Slope (%) | 1hr (0-6ft) | 10hr (0-6ft) | 100hr (0-12ft) | Duff 1ft | Litter 1ft | Duff 6ft | Litter 6ft | Duff 16ft | Litter 16ft | 0-6 ft | 6-12 ft | 12-18 ft | | | |
| 1 Azimuth= | Pre | | | | | | | | | | | | | | | | |
| | Post | | | | | | | | | | | | | | | | |
| 2 Azimuth= | rost | | | | | | | | | | | | | | | | |
| | Pre | | | | | | | | | | | | | | | | |
| | Post | | | | | | | | | | | | | | | | |
| 3 Azimuth= | 1031 | | | | | | | | | | | | | | | | |
| | Pre | | | | | | | | | | | | | | | | |
| | Post | | | | | | | | | | | | | | | | |
| | TOST | | | 1000 hr 6 | . (0.50.6) | | | | | Comments (| vegetation d | escription, domi | nant species, pa | atchiness, age, | _ | | |
| | I | Rotten/ | Pre diam (1/2 | Post diam (1/2 | s (0-50 π) | | Rotten/ | Pre diam (1/2 | Post diam | treatment his | story NESW | nix?): | 1 /1 | , , , | | | |
| Transect | Sp ecies | sound | in) | in) | Transect | Species | sound | in) | (1/2 in) | treatment in | story, 1425 fr | ры.). | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Est. % cove | r of litter on | plot: | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | * | T | | Soil/substro | to = 100% po | r transact | | | 1 | | | Vegetation= | 100% per trans | sact | | | |
| Burn se | werity | NA | 1 | 2 | 3 | 4 | 5 | -1000/2 | NA 0 | 1 | 2 | vegetation- | 4 | 5 | -1000/2 | | |
| 0/, transport 1 | | NA 010 | | | - | | - | -10070: | NA 010 | | | | | | -100701 | | |
| 70 transect 1 | | | | | | | | | | | | | | 1 | | | |
| % transect 2 | | | | | | | | | | | | | | | | | |
| % transect 3 | | | | | | | | | | | | | | | | | |
| % general plo | t area | | | | | | | | | | | | | | | | |
| 0 or NA = litt/ | duffunburr | able or No s | oil present preh | urn (rocks_ino | rganic/unburn | able) | | | 0 or NA = n | o veg present | nrehurn (roc | ks inorganic/ur | hurnable) or jus | st litt/duff | | | |
| l= unburned | | | ,on present pret | | 15 and and and | | | | 1= unburned | d | Prebuin (100 | as, atorganie/ui | | | | | |
| 2=scorched, | charred/blac | ken litter, d | uff/wood sturct | ures nearly un | changed | | | | 2= foliage so | corched, attac | ched to suppo | orting twigs | | | | | |
| 3=lightly burr | ned: mostly, | entirely con | sumed, light asl | n, soil not alter | ed | | | | 3= lightly bu | urned, partiall | y -completely | burned, branch | es mostly intact | t | | | |
| 4=moderately | burned: ent | tirely consu | ned, light colore | d ash, soil not | altered | | | | 4= moderate: | foliage & smal | l diameter brar | ches consumed, s | ome branches pre | esent | | | |
| 5= high/heavi | ily burned: l | itt/duff cons | umed,white ash | , some soil alte | red/often redd | ish | | | 5= heavily b | ourned: all pla | nt parts coms | umed, leaving s | ome to no stem | s or trunks | | | |
| Moosehorn: (| On each Bro | wns line at 1 | 5ft, 25ft, 35ft, 45 | ift, and only 1 t | ime at 50 ft: Y | or N? | | | Direction | s or roads | to plot: | | | | | | |
| T1 | 15ft | 25ft | 35ft | 45ft | 50ft | | | | | | | | | | | | |
| Т2 | 15ft | 25ft | 35ft | 45ft | | | | | | | | | | | | | |
| - | 150 | 250 | 350 | 450 | | | | | | | | | | | | | |
| 15 | 1511 | 2.511 | 551t | | | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | | | | | |



Custom Forms



Very basic custom forms...

| | 12 | | * | | | | | | | | Pe | st | | | 13 |
|----------|-------|-------|-------|---------|-------|----------|------------|----------------|-----|----|------|-------|-------|-------|-----------|
| | - | | 10/. | 22/20 | 17 1 | Dilly s | Fite | Plot | 1 | 10 | 100 | S | R | Lit | Duf |
| | AL | 3BA | 70 | 6 BE | PA 15 | % 50 | AM 5% | IN | 3 | 1 | 2 | 3 | .5 | 0 | Oas |
| | PIG | A | 5% | EE | AL 5% | 6 | | 116 | 2 | 0 | 1 | | | 0 | 0.75 |
| | | | | Pr | e | | | 115 | 2 | 2 | 0 | 4 | | 0 | 0.25 |
| | Plot. | # 1 | 10 | > 100 | SR | Lit | Duf | - 10 | 1 | 1 | 1 | | | 0 | 0.25 |
| | 11 | V S | 5 | r | 4 | 0.25 | 2" | ZN | 2 | 0 | 0 | | | 0 | 0 |
| | IE | 9 | 4 | 1 | 3:5 | 0.5 | 1.5 | 2E | 0 | 1 | 0 | 5 | | 0 | 0 |
| | 15 | 6 | 5 | 2 | 1 2 | 0.25 | 1.5 | 25 | 1 | 0 | 0 | | | 0 | 0.25 |
| | IW | 8 | 3 | 2 | 4.5 | 1" | 2.5 | 26 | 2 | 0 | 0 | | | 0 | 0 |
| - | 2N | 14 | 8 | 2 | 7 | 1.5 | 3 | 3 N. | 4 | 3 | 1 | | (| 7.25 | 3.5 |
| | 26 | 11 | 5 | 0 | . 4 | 0.5 | 2 | , JE | 2 | 21 | 0 | 5 | . (| 31 | 2.75 |
| - | 25 | 18 | 3 | 1 | 7 | 1 | 2.25 | 35 | 4 | 10 | 0 | | | 0 | 3.25 |
| 3 | Lw | 13 | 2 | 2 | 12 | 1.5 | 2.5 | 3W | i | 00 |) | | (| 0 | 2.5 |
| | | DI | 10 | 100 | Duf | Lit | 51 10 | 100 5 | R | | | Fin | Hev | 1 :+ | tot |
| | | 9,005 | 5 0,H | 14 2.40 | 2 7.2 | 1.1 | 0.69 0,400 | 36 0.36 | 0.3 | 0 | PRE | 4.101 | 2.505 | 30,14 | 4 36.750 |
| Li | t fre | 0 | 92 1 | Juf fre | 2.17 | Bast Lit | Past Ruf | | | | Post | 1.128 | 1.28 | 3 7.6 | 65 10.076 |
| - States | | - | - | | | 0.03 | 0.19 | La contraction | | | | | | | |







Custom measurement tools



Custom Electronic Forms

| X Fuels Inventory Data collected for fuels inventory. Date Monday, May 31, 2021 Cocation Image: Comparison of the state of the st | 12:01 Mon May 31 | | ? 1 68% 🔲 |
|--|---|--------------------|------------------|
| Date collected for fuels inventory. Date Date Monday, May 31, 2021 Location Location Project or Fire Name Plot Number | × | Fuels Inventory | 三 🔌 |
| Date Monday, May 31, 2021 Location Canbory A4*13N 85*56'W ± 30 m Canbory Canbory Canbory Canbory | Data collected for fuels inventory. | | |
| Monday, May 31, 2021 Location <l< td=""><td>Date</td><td></td><td></td></l<> | Date | | |
| Location | 🛗 Monday, May 31, 2021 | | \otimes |
| A 44°13'N 85°56'W ± 30 m Image: Starting Azimuth | Location | | |
| Project or Fire Name Plot Number | -∲- 44°13'N 85°56'W ± 30 m | | \otimes |
| Project or Fire Name V Other Project Name Plot Number Image: Starting Azimuth Image: Starting Azimuth Image: S | Cranberry Lake 7th S 6th S 6th St 6th St | Chittenden Lake | Laverne Rd |
| Other Project Name Plot Number ***** Transect Number ***** Starting Azimuth ***** Slope ***** 1 Hour ***** | Project or Fire Name | | |
| Other Project Name Plot Number Transect Number Starting Azimuth Slope 1 Hour + | | | \sim |
| Plot Number | Other Project Name | | |
| Transect Number Starting Azimuth ***** Slope ***** 1 Hour + | Plot Number | | |
| Transect Number | 000 000 000 | | |
| Starting Azimuth Stope I Hour + | Transect Number | | |
| Starting Azimuth | | | ~ |
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| Slope | 000 000 0 | | |
| I Hour + | Slope | | |
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| - + | 1 Hour | | |
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 \checkmark

| 2:01 Mon May 31 | | ? 7 68% □ |
|--|-----------------|-----------|
| × | Fuels Inventory | = مى ا |
| I Hour | | + |
| 10 Hour | | + |
| 100 Hour | | + |
| 1000 Hour Fuels 1000 hour fuels / solid | | |
| 1000 hour fuels / rotten | | |
| | 1 of 1 | + |
| Litter and Duff Depths Litter Depth | | |
| Duff Depth | | |
| Fuel Bed Depth | | |
| | 1 of 1 | + |
| Photo plot | | |



0 of 135 selected

Questions?