

Site Description

|    | A      | B        | C                                       | D        | E         | F         | G     | H                   | I                    |
|----|--------|----------|---|----------|-----------|-----------|-------|---------------------|----------------------|
| 1  | Number | Unit     | Location                                | Latitude | Longitude | Elevation | Slope | Preburn sample date | Postburn sample date |
| 2  | 1      | AP018    | Appalachicola NF, FL                    | 30.2089  | -84.8599  | 98        | < 1%  | 12/14/2009          | 2/28/2010            |
| 3  | 2      | AP034    | Appalachicola NF, FL                    | 30.2026  | -84.8345  | 98        | < 1%  | 12/8/2009           | 3/3/2010             |
| 4  | 3      | AP050    | Appalachicola NF, FL                    | 30.1375  | -84.7746  |           | < 1%  | 1/27/2009           | 2/12/2009            |
| 5  | 4      | AP213    | Appalachicola NF, FL                    | 30.3423  | -84.5412  | 131       | < 1%  | 1/17/2010           | 2/23/2010            |
| 6  | 5      | AP312    | Appalachicola NF, FL                    | 30.1957  | -84.6313  |           | < 1%  | 1/21/2009           | 1/27/2009            |
| 7  | 6      | AP319    | Appalachicola NF, FL                    | 30.2184  | -84.4205  | 82        | < 1%  | 11/17/2009          | 1/20/2010            |
| 8  | 7      | AP320    | Appalachicola NF, FL                    | 30.2432  | -84.4685  |           | < 1%  | 1/13/2009           | 2/20/2009            |
| 9  | 8      | AP328    | Appalachicola NF, FL                    | 30.1309  | -84.6327  |           | < 1%  | 1/25/2009           | 2/2/2009             |
| 10 | 9      | E100BE   | Eglin AFB, SC                           | 30.6566  | -86.7145  | 36        | < 1%  | 12/3/2009           | 2/6/2010             |
| 11 | 10     | E501B    | Eglin AFB, SC                           | 30.4569  | -86.7618  | 82        | < 1%  | 11/11/2009          | 1/15/2010            |
| 12 | 11     | E505     | Eglin AFB, SC                           | 30.4614  | -86.6688  | 82        | < 1%  | 11/19/2009          | 2/18/2010            |
| 13 | 12     | E807B    | Eglin AFB, SC                           | 30.4847  | -86.2767  | 26        | < 1%  | 11/19/2010          | 3/7/2010             |
| 14 | 13     | E807D    | Eglin AFB, SC                           | 30.5034  | -86.2570  | 39        | < 1%  | 1/13/2010           | 2/26/2010            |
| 15 | 14     | PH1V     | Pumpkin Hill State Park Reserve, FL     | 30.4729  | -81.4926  |           | < 1%  | 2/7/2009            | 3/5/2009             |
| 16 | 15     | PH1V2    | Pumpkin Hill State Park Reserve, FL     | 30.4729  | -81.4926  |           | < 1%  | 2/18/2009           | 3/5/2009             |
| 17 | 16     | PH2K     | Pumpkin Hill State Park Reserve, FL     | 30.4719  | -81.4897  |           | < 1%  | 2/26/2009           | 3/7/2009             |
| 18 | 17     | S121     | Saint Marks Wildlife Refuge, FL         | 30.1433  | -84.1317  |           | < 1%  | 2/22/2009           | 3/20/2009            |
| 19 | 18     | S330     | Saint Marks Wildlife Reserve, FL        | 30.0783  | -84.3743  | 36        | < 1%  | 11/13/2009          | 2/13/2010            |
| 20 | 19     | DBBCLF   | Daniel Boone NF, KY                     | 38.0526  | -83.5543  | N/A       | 27%   | 3/30/2009           | 4/22/2009            |
| 21 | 20     | DBCCLF   | Daniel Boone NF, KY                     | 38.0435  | -83.5500  | N/A       | 27%   | 3/29/2009           | 4/23/2009            |
| 22 | 21     | DBWPLF   | Daniel Boone NF, KY                     | 38.0608  | -83.5802  | N/A       | 36%   | 4/1/2009            | 4/20/2009            |
| 23 | 22     | DBWSLF   | Daniel Boone NF, KY                     | 38.0882  | -83.5783  | N/A       | 11%   | 3/21/2009           | 3/24/2009            |
| 24 | 23     | GWJCM    | George Washington & Jefferson NF, VI/KY | 37.7554  | -79.2114  | N/A       | 22%   | 3/16/2009           | 4/10/2009            |
| 25 | 24     | GWJJR    | George Washington & Jefferson NF, VI/KY | 38.1350  | -79.7911  | N/A       | 18%   | 3/11/2009           | 4/23/2009            |
| 26 | 25     | MBHG     | Mammoth Caves NP, KY                    | 37.1811  | -86.0999  | N/A       | 12%   | 4/20/2009           | 4/3/2009             |
| 27 | 26     | MFM2     | Mammoth Caves NP, KY                    | 37.2093  | -86.0816  | N/A       | 7%    | 3/26/2009           | 4/6/2009             |
| 28 | 27     | MJC      | Mammoth Caves NP, KY                    | 37.1763  | -86.1134  | N/A       | 9%    | 3/31/2009           | 4/8/2009             |
| 29 | 28     | THA      | Tar Hollow State Park, OH               | 39.3660  | -82.7770  | N/A       | 32%   | 3/22/2009           | 4/15/2009            |
| 30 | 29     | THB PLOH | Tar Hollow State Park, OH               | 39.3490  | -82.7580  | N/A       | 17%   | 3/19/2009           | 4/14/2009            |

Site Description

|          | J                | K                | L                         |
|----------|------------------|------------------|---------------------------|
| <b>1</b> | <b>Burn date</b> | <b>Fire type</b> | <b>Length of ignition</b> |
| 2        | 2/11/2010        | Helicopter Ign.  | 3.75 mins                 |
| 3        | 2/18/2010        | Hand Ign.        | 4 mins                    |
| 4        | 2/7/2009         | Helicopter Ign.  | 6 hrs                     |
| 5        | 2/11/2010        | Hand Ign.        | 2.75 mins                 |
| 6        | 1/24/2009        | Helicopter Ign.  | 2 hrs                     |
| 7        | 1/14/2010        | Hand Ign.        | 3.25 mins                 |
| 8        | 2/17/2009        | Helicopter Ign.  | 4 hrs                     |
| 9        | 1/31/2009        | Helicopter Ign.  | 4 hrs                     |
| 10       | 1/12/2010        | Hand Ign.        | 4 mins                    |
| 11       | 12/23/2009       | Hand Ign.        | 5.75 mins                 |
| 12       | 1/23/2010        | Hand Ign.        | 1.75 mins                 |
| 13       | 1/4/2010         | Hand Ign.        | 2.5 mins                  |
| 14       | 2/21/2010        | Hand Ign.        | 5 mins                    |
| 15       | 2/10/2009        | Hand Ign.        | 4 hrs                     |
| 16       | 2/27/2009        | Hand Ign.        | 4.5 hrs                   |
| 17       | 2/27/2009        | Hand Ign.        | 2.25 hrs                  |
| 18       | 3/19/2009        | Hand Ign.        | 1 hr                      |
| 19       | 2/17/2010        | Hand Ign.        | 4 mins                    |
| 20       | 4/18/2009        | Helicopter Ing.  | 4.5 hrs                   |
| 21       | 4/18/2009        | Helicopter Ing.  | 6.5 hrs                   |
| 22       | 4/17/2009        | Helicopter Ing.  | 3.5 hrs                   |
| 23       | 3/23/2009        | Hand Ign.        | 5 hrs                     |
| 24       | 4/9/2009         | Hand Ign.        | 5 hrs                     |
| 25       | 4/17/2009        | Helicopter Ing.  | 4.75 hrs                  |
| 26       | 3/31/2009        | Hand Ign.        | 6 hrs                     |
| 27       | 4/1/2009         | Hand Ign.        | 6 hrs                     |
| 28       | 4/2/2009         | Hand Ign.        | 8 hrs                     |
| 29       | 4/13/2009        | Helicopter Ing.  | 4.5 hrs                   |
| 30       | 4/13/2009        | Helicopter Ing.  | 1.5 hrs                   |

Site Description

| M  |  |
|----|--|
| 1  | <b>Site Description</b>  |
| 2  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 3  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 4  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 5  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 6  | Long leaf pine plantation with understory of palmetto, gallberry, other shrub and grass.                               |
| 7  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 8  | Long leaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                |
| 9  | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 10 | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 11 | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 12 | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 13 | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 14 | Longleaf pine plantation with understory of palmetto, gallberry, other shrub and grass                                 |
| 15 | Pond pine forest with understory of sand live oak, palmetto, and wiregrass   |
| 16 | Pond pine forest with understory of sand live oak, palmetto, and wiregrass   |
| 17 | Pond pine savannah with patchy understory of palmetto and oak interspersed with bare mineral soil                      |
| 18 | Long leaf pine forest with understory dominated by palmetto component with some oak species.                           |
| 19 | Longleaf pine forest with understory of palmetto, gallberry, and wiregrass.  |
| 20 | Mixed hardwood forest with open greenbriar understory.   |
| 21 | Mixed hardwood forest with understory of red maple and greenbriar.   |
| 22 | Mixed hardwood forest with open greenbriar understory.   |
| 23 | Mixed forest, with hardwood species, shortleaf pine, and pitch pine. Understory dominated by red maple and greenbriar. |
| 24 | Mixed hardwood forest with red maple understory.   |
| 25 | Mixed hardwood forest with red maple understory.   |
| 26 | Mixed hardwood forest with little to no understory.  |
| 27 | Mixed hardwood forest with a midstory of maple, dogwood, and cedar. Little to no understory.                           |
| 28 | Mixed hardwood forest with a developed midstory of maple, dogwood, and cedar. Little to no understory.                 |
| 29 | Mixed hardwood forest with a midstory of maple and American beech. Little to no understory.                            |
| 30 | Mixed hardwood forest with heavy greenbriar understory.  |

Enviro Variables

|    | A           | B               | C                 | D              | E                 | F                      |
|----|-------------|-----------------|-------------------|----------------|-------------------|------------------------|
| 1  | <b>Unit</b> | <b>10 hr FM</b> | <b>1000 hr FM</b> | <b>Duff FM</b> | <b>Wind speed</b> | <b>Days since rain</b> |
| 2  | AP018       | 61.40%          | N/A               | N/A            | 1.0               | 2                      |
| 3  | AP034       | 74.0%           | N/A               | N/A            | 1.0               | 2                      |
| 4  | AP050       | 22.6%           | 93.0%             | N/A            | 5.0               | N/A                    |
| 5  | AP213       | 54.9%           | N/A               | N/A            | 1.0               | 2                      |
| 6  | AP312       | 56.0%           | 101.0%            | N/A            | 5.2               | N/A                    |
| 7  | AP319       | 48.9%           | N/A               | N/A            | 2.0               | N/A                    |
| 8  | AP320       | 60.3%           | 84.2%             | N/A            | 3.8               | N/A                    |
| 9  | AP328       | 56.4%           | 65.6%             | N/A            | 3.6               | N/A                    |
| 10 | E100BE      | 40.0%           | 123.1%            | N/A            | N/A               | 4                      |
| 11 | E501B       | N/A             | N/A               | N/A            | 4.5               | 5                      |
| 12 | E505        | 66.5%           | 113.8%            | N/A            | N/A               | 2                      |
| 13 | E807B       | N/A             | N/A               | N/A            | 4.5               | 3                      |
| 14 | E807D       | 81.2%           | 210.1%            | N/A            | 0.0               | 6                      |
| 15 | PH1V        | 13.7%           | N/A               | N/A            | 7.2               | N/A                    |
| 16 | PH1V2       | 9.9%            | N/A               | N/A            | 8.2               | N/A                    |
| 17 | PH2K        | 9.9%            | N/A               | N/A            | 9.5               | N/A                    |
| 18 | S121        | 32.0%           | N/A               | N/A            | 4.2               | N/A                    |
| 19 | S330        | 57.5%           | N/A               | N/A            | 1.5               | 1                      |
| 20 | DBBCLF      | 13.7%           | 69.5%             | 75.2%          | 1.5               | N/A                    |
| 21 | DBCCLF      | 42.6%           | 58.2%             | 172.9%         | 2.0               | N/A                    |
| 22 | DBWPLF      | 23.2%           | 82.5%             | 191.1%         | 1.5               | N/A                    |
| 23 | DBWSLF      | 20.3%           | 67.5%             | 77.9%          | 2.0               | N/A                    |
| 24 | GWJCM       | 50.3%           | 73.5%             | 349.5%         | 3.5               | N/A                    |
| 25 | GWJJR       | 39.6%           | 73.3%             | 272.9%         | 2.0               | N/A                    |
| 26 | MBHG        | 34.7%           | 57.9%             | N/A            | 3.0               | N/A                    |
| 27 | MFM2        | 25.7%           | 71.9%             | N/A            | 3.0               | N/A                    |
| 28 | MJC         | 27.3%           | 76.3%             | 67.5%          | 2.0               | N/A                    |
| 29 | THA         | 9.6%            | 59.1%             | 59.7%          | 5.0               | N/A                    |
| 30 | THB PLOH    | 13.1%           | 52.1%             | 47.2%          | 4.0               | N/A                    |

Preburn Data

|    | A        | B               | C          | D          | E             | F         | G     | H      | I        | J          | K            | L        | M          |
|----|----------|-----------------|------------|------------|---------------|-----------|-------|--------|----------|------------|--------------|----------|------------|
| 1  | Unit     | Herbaceous load | Shrub load | Live shrub | Percent black | 1 hr      | 10 hr | 100 hr | S1000 hr | S10,000 hr | S >10,000 hr | R1000 hr | R10,000 hr |
| 2  |          | (tons/ac)       | (tons/ac)  | %          | %             | (tons/ac) |       |        |          |            |              |          |            |
| 3  | AP018    | 0.39            | 1.34       | 93%        | 100%          | 0.03      | 0.24  | 0.17   | 0.16     | 0          | 0            | 0.18     | 0          |
| 4  | AP034    | 0.21            | 0.76       | 75%        | 100%          | 0.02      | 0.17  | 0.14   | 0        | 0          | 0            | 0.11     | 0          |
| 5  | AP050    | 0.39            | 2.29       | 96%        | 99%           | 0.22      | 0.63  | 0.35   | 0.29     | 0          | 0            | 0.05     | 0          |
| 6  | AP213    | 0.01            | 1.57       | 79%        | 94%           | 0.01      | 0.14  | 0.32   | 0.74     | 0          | 0            | 0.4      | 0.13       |
| 7  | AP312    | 0.12            | 3.44       | 75%        | 95%           | 0.16      | 0.67  | 0.97   | 0.62     | 0.22       | 0            | 1.32     | 0          |
| 8  | AP319    | 0.09            | 1.89       | 85%        | 99%           | 0.1       | 0.18  | 0.26   | 0.44     | 0          | 0            | 0.09     | 0          |
| 9  | AP320    | 0.21            | 2.79       | 76%        | 100%          | 0.11      | 0.18  | 0.49   | 0.38     | 0          | 0            | 0.48     | 0          |
| 10 | AP328    | 0.41            | 1.58       | 73%        | 99%           | 0.08      | 0.33  | 0.24   | 0.28     | 0          | 0            | 0.7      | 0          |
| 11 | E100BE   | 0.08            | 2.07       | 91%        | 99%           | 0.1       | 0.43  | 0.64   | 1.26     | 0.89       | 0            | 1.43     | 0.88       |
| 12 | E501B    | 0.12            | 1.4        | 84%        | 100%          | 0.06      | 0.23  | 0.34   | 0.17     | 1.06       | a            | 0.65     | 0.58       |
| 13 | E505     | 0.06            | 1.04       | 90%        | 65%           | 0.06      | 0.32  | 0.48   | 0.28     | 0.42       | 0            | 0.9      | 0.53       |
| 14 | E807B    | 0.15            | 2          | 92%        | 51%           | 0.13      | 0.48  | 0.93   | 0.64     | 0          | 0            | 0.47     | 0          |
| 15 | E807D    | 0.02            | 1.65       | 84%        | 99%           | 0.09      | 0.25  | 0.46   | 0        | 0          | 0            | 0.1      | 0          |
| 16 | PH1V     | 0.03            | 4.77       | 75%        | 73%           | 0.2       | 0.3   | 0.22   | 0.09     | 0          | 0            | 0        | 0          |
| 17 | PH1V2    | 0.03            | 4.77       | 75%        | 88%           | 0.2       | 0.35  | 0.22   | 0.09     | 0          | 0            | 0        | 0          |
| 18 | PH2K     | 0.02            | 4.62       | 77%        | 50%           | 0.16      | 0.13  | 0.05   | 0.14     | 0          | 0            | 0.05     | 0          |
| 19 | S121     | 0.1             | 3.76       | 88%        | 53%           | 0.1       | 0.47  | 0.33   | 0.33     | 0          | 0            | 0.39     | 0          |
| 20 | S330     | 0.24            | 1.27       | 94%        | 96%           | 0.03      | 0.33  | 0.25   | 0        | 0          | 0            | 0.12     | 0.15       |
| 21 | DBBCLF   | 0               | 0.06       | 100%       | 91.9%         | 0.32      | 1.59  | 3      | 2.34     | 1.24       | 0            | 2.77     | 2.57       |
| 22 | DBCCLF   | 0               | 0.01       | 100%       | 52.9%         | 0.26      | 1.21  | 2.08   | 1.99     | 2.74       | 0            | 1.46     | 0.61       |
| 23 | DBWPLF   | 0               | 0.04       | 100%       | 80.9%         | 0.29      | 1.57  | 2.53   | 3.62     | 4.17       | 0            | 3.03     | 3.86       |
| 24 | DBWSLF   | 0.19            | 9.87       | 100%       | N/A           | 0.36      | 1.59  | 2.69   | 2.61     | 1.56       | 0            | 4.62     | 6.81       |
| 25 | GWJCM    | 0               | 0          | N/A        | 77.5%         | 0.25      | 1.43  | 2.03   | 1.66     | 0.96       | 0            | 1.17     | 1.08       |
| 26 | GWJJR    | 0               | 0.02       | 100%       | 98.4%         | 0.2       | 1.2   | 1.2    | 1.04     | 0.33       | 0            | 1.44     | 0          |
| 27 | MBHG     | 0               | 0          | N/A        | 97.2%         | 0.32      | 1.27  | 0.64   | 0.42     | 0          | 0            | 0.52     | 0.72       |
| 28 | MFM2     | 0               | 0          | N/A        | 98.5%         | 0.37      | 1.47  | 1.83   | 1.37     | 0.9        | 0.48         | 2.21     | 3.06       |
| 29 | MJC      | 0               | 0          | N/A        | 98.4%         | 0.22      | 1.17  | 1.72   | 1.18     | 0.38       | 2.5          | 0.77     | 0.83       |
| 30 | THA      | 0               | 0          | N/A        | 86.3%         | 0.26      | 1.24  | 1.63   | 0.71     | 0.15       | 0            | 1.83     | 1.42       |
| 31 | THB PLOH | 0               | 0.32       | 93%        | 95.6%         | 0.3       | 1.33  | 1.53   | 0.98     | 0.6        | 0            | 1.37     | 0.41       |

Preburn Data

|    | N            | O          | P            | Q            | R           | S          | T          | U         |
|----|--------------|------------|--------------|--------------|-------------|------------|------------|-----------|
| 1  | R >10,000 hr | TotalWoody | Litter depth | Litter cover | Litter load | Duff depth | Duff cover | Duff load |
| 2  |              |            | (in)         | (%)          | (tons/ac)   | (in)       | (%)        | (tons/ac) |
| 3  | 0            | 0.78       | 0.67         | 64.9%        | 0.91        | N/A        | N/A        | N/A       |
| 4  | 0            | 0.44       | 0.59         | 57.3%        | 0.71        | N/A        | N/A        | N/A       |
| 5  | 0            | 1.54       | 0.67         | 59.9%        | 0.84        | N/A        | N/A        | N/A       |
| 6  | 0            | 1.74       | 0.83         | 94.5%        | 1.66        | N/A        | N/A        | N/A       |
| 7  | 0            | 3.96       | 1.11         | 68.6%        | 1.61        | N/A        | N/A        | N/A       |
| 8  | 0            | 1.07       | 0.87         | 95.2%        | 1.74        | N/A        | N/A        | N/A       |
| 9  | 0            | 1.64       | 0.84         | 58.9%        | 1.04        | N/A        | N/A        | N/A       |
| 10 | 0            | 1.63       | 1.07         | 53.4%        | 1.19        | N/A        | N/A        | N/A       |
| 11 | 0            | 5.63       | 0.83         | 87.7%        | 1.53        | N/A        | N/A        | N/A       |
| 12 | 0            | 3.09       | 0.94         | 52.8%        | 1.05        | N/A        | N/A        | N/A       |
| 13 | 0            | 2.99       | 0.79         | 77.8%        | 1.29        | N/A        | N/A        | N/A       |
| 14 | 0            | 2.65       | 0.87         | 88.0%        | 1.61        | N/A        | N/A        | N/A       |
| 15 | 0            | 0.9        | 1.06         | 91.9%        | 2.05        | N/A        | N/A        | N/A       |
| 16 | 0            | 0.81       | 0.79         | 97.4%        | 1.61        | N/A        | N/A        | N/A       |
| 17 | 0            | 0.86       | 0.72         | 92.4%        | 1.39        | N/A        | N/A        | N/A       |
| 18 | 0            | 0.53       | 0.49         | 78.7%        | 0.81        | N/A        | N/A        | N/A       |
| 19 | 0            | 1.62       | 0.83         | 95.0%        | 1.66        | N/A        | N/A        | N/A       |
| 20 | 0            | 0.88       | 0.94         | 91.0%        | 1.80        | N/A        | N/A        | N/A       |
| 21 | 0            | 13.83      | 1.71         | 89.3%        | 2.01        | 0.6        | 90.2%      | 1.65      |
| 22 | 0            | 10.35      | 1.45         | 93.4%        | 1.52        | 0.62       | 94.4%      | 1.65      |
| 23 | 0            | 19.07      | 1.82         | 96.0%        | 1.96        | 0.45       | 95.6%      | 2.44      |
| 24 | 0            | 20.24      | 2.07         | 98.7%        | 1.68        | 0.68       | 100.0%     | 2.38      |
| 25 | 0            | 8.58       | 1.7          | 98.7%        | 2.07        | 1.2        | 99.4%      | 4.36      |
| 26 | 0            | 5.41       | 2.45         | 99.0%        | 2.68        | 0.9        | 99.7%      | 4.14      |
| 27 | 5.85         | 9.74       | 1.41         | 95.3%        | 1.16        | 0.2        | 82.2%      | 3.47      |
| 28 | 1.83         | 13.52      | 1.35         | 97.4%        | 1.13        | 0.39       | 95.4%      | 0.42      |
| 29 | 0            | 8.77       | 1.85         | 94.9%        | 1.89        | 0.25       | 92.3%      | 1.07      |
| 30 | 1.49         | 8.73       | 1.34         | 98.0%        | 1.71        | 0.47       | 97.0%      | 2.52      |
| 31 | 0            | 6.52       | 2.17         | 96.7%        | 1.76        | 0.42       | 97.5%      | 1.61      |

## OutputComparison

|    | A              | B             | C             | D           | E          | F                    | G       | H                   | I             | J    | K    |
|----|----------------|---------------|---------------|-------------|------------|----------------------|---------|---------------------|---------------|------|------|
| 1  | TOTAL          |               |               | SHRUBS      |            |                      | GRASS   |                     |               |      |      |
| 2  | Unit (or Site) | Total_preload | Total_Consume | Total_FOFEM | Total_meas | Shrubs_Shrub_Consume | Shrub_F | Shrub_Grass_preload | Grass_Consume |      |      |
| 3  | AP018          | 4.2           | 2.2           | 2.0         | 3.6        | 1.34                 | 1.21    | 0.71                | 1.17          | 0.39 | 0.36 |
| 4  | AP034          | 2.6           | 1.3           | 1.3         | 1.4        | 0.76                 | 0.68    | 0.4                 | 0.44          | 0.21 | 0.19 |
| 5  | AP050          | 6.6           | 4.3           | 5.7         | 4.1        | 2.29                 | 2.07    | 2.29                | 1.99          | 0.39 | 0.36 |
| 6  | AP213          | 6.7           | 2.1           | 2.5         | 2.7        | 1.57                 | 1.37    | 0.88                | 1.13          | 0.01 | 0.01 |
| 7  | AP312          | 13.1          | 6.1           | 5.3         | 5.2        | 3.44                 | 3.09    | 3.44                | 2.58          | 0.12 | 0.11 |
| 8  | AP319          | 5.9           | 3.7           | 3.5         | 3.2        | 1.89                 | 1.70    | 1.3                 | 1.61          | 0.09 | 0.08 |
| 9  | AP320          | 7.3           | 3.8           | 4.1         | 4.4        | 2.79                 | 2.54    | 2.79                | 2.31          | 0.21 | 0.19 |
| 10 | AP328          | 6.4           | 2.9           | 3.2         | 3.1        | 1.58                 | 1.42    | 1.58                | 0.92          | 0.41 | 0.38 |
| 11 | E100BE         | 14.9          | 5.0           | 4.6         | 1.5        | 2.07                 | 1.87    | 1.52                | 1.14          | 0.08 | 0.07 |
| 12 | E501B          | 8.7           | 2.7           | 2.2         | 1.9        | 1.4                  | 1.26    | 0.81                | 1.17          | 0.12 | 0.11 |
| 13 | E505           | 8.4           | 2.9           | 2.4         | 0.6        | 1.04                 | 0.65    | 0.7                 | 0.15          | 0.06 | 0.06 |
| 14 | E807B          | 9.1           | 5.4           | 6.8         | 1.5        | 2                    | 0.97    | 2                   | 0.86          | 0.15 | 0.14 |
| 15 | E807D          | 5.5           | 5.2           | 4.4         | 2.1        | 1.65                 | 1.48    | 1.65                | 1.37          | 0.02 | 0.02 |
| 16 | PH1V           | 8.0           | 4.9           | 7.8         | 6.5        | 4.77                 | 3.71    | 4.77                | 4.11          | 0.03 | 0.03 |
| 17 | PH1V2          | 7.9           | 5.4           | 7.8         | 6.5        | 4.77                 | 4.18    | 4.77                | 4.4           | 0.03 | 0.03 |
| 18 | PH2K           | 6.5           | 3.1           | 5.6         | 3.4        | 4.62                 | 2.48    | 4.08                | 2.51          | 0.02 | 0.02 |
| 19 | S121           | 8.8           | 3.6           | 6.7         | 1.9        | 3.76                 | 2.08    | 3.76                | 1.15          | 0.1  | 0.09 |
| 20 | S330           | 5.1           | 2.3           | 2.7         | 3.4        | 1.27                 | 1.12    | 0.68                | 0.69          | 0.24 | 0.22 |
| 21 | DBBCLF         | 31.4          | 10.3          | 10.5        | 7.5        | 0.06                 | 0.05    | 0.06                | 0             | 0.00 | 0.00 |
| 22 | DBCCLF         | 23.9          | 7.7           | 3.3         | 3.0        | 0.01                 | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 23 | DBWPLF         | 42.6          | 9.7           | 8.0         | 6.0        | 0.04                 | 0.03    | 0                   | 0             | 0    | 0.00 |
| 24 | DBWSLF         | 54.6          | 19.6          | 16.8        | 10.2       | 9.87                 | 6.49    | 7.1                 | 0.02          | 0.19 | 0.18 |
| 25 | GWJCM          | 23.6          | 7.6           | 2.4         | 2.7        | 0                    | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 26 | GWJJR          | 17.7          | 6.4           | 4.4         | 4.2        | 0.02                 | 0.02    | 0.02                | 0.02          | 0.00 | 0.00 |
| 27 | MBHG           | 21.0          | 9.0           | 3.4         | 4.6        | 0                    | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 28 | MFM2           | 31.7          | 9.2           | 5.8         | 8.4        | 0                    | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 29 | MJC            | 20.5          | 6.8           | 4.2         | 5.6        | 0                    | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 30 | THA            | 21.7          | 8.3           | 6.7         | 6.1        | 0                    | 0.00    | 0                   | 0             | 0.00 | 0.00 |
| 31 | THB_PLOH       | 16.7          | 7.5           | 7.4         | 6.3        | 0.32                 | 0.28    | 0.32                | 0.25          | 0.00 | 0.00 |

OutputComparison

|    | L                  | M              | N               | O                | P              | Q              | R                 | S                 | T                   | U                  | V                  | W                   | X    | Y    |
|----|--------------------|----------------|-----------------|------------------|----------------|----------------|-------------------|-------------------|---------------------|--------------------|--------------------|---------------------|------|------|
| 1  | <b>DOWNED WOOD</b> |                |                 |                  |                |                | <b>1hr</b>        |                   |                     |                    | <b>10hr</b>        |                     |      |      |
| 2  | <b>Grass_F</b>     | <b>(Grass_</b> | <b>AllWood_</b> | <b>AllWood_C</b> | <b>AllWood</b> | <b>AllWood</b> | <b>1hr_preloa</b> | <b>1hr_Consum</b> | <b>1hr_FOF_meas</b> | <b>10hr_preloa</b> | <b>10hr_Consum</b> | <b>10hr_FO_meas</b> |      |      |
| 3  | 0.39               | 0.34           | 0.78            | 0.33             | 0.02           | 0.05           | 0.03              | 0.03              | 0.01                | 0.02               | 0.24               | 0.21                | 0    | 0.03 |
| 4  | 0.21               | 0.21           | 0.44            | 0.23             | 0.00           | 0.01           | 0.02              | 0.02              | 0                   | 0                  | 0.17               | 0.15                | 0    | 0    |
| 5  | 0.39               | 0.34           | 1.54            | 0.93             | 1.11           | 0.51           | 0.22              | 0.22              | 0.22                | 0.18               | 0.63               | 0.54                | 0.63 | 0.27 |
| 6  | 0.01               | 0.01           | 1.74            | 0.36             | 0.00           | 0.02           | 0.01              | 0.01              | 0                   | 0.01               | 0.14               | 0.12                | 0    | 0    |
| 7  | 0.12               | 0.13           | 3.96            | 1.21             | 0.09           | 0.57           | 0.16              | 0.16              | 0.09                | 0.04               | 0.67               | 0.58                | 0    | 0.4  |
| 8  | 0.09               | 0.09           | 1.07            | 0.39             | 0.25           | 0.11           | 0.1               | 0.10              | 0.1                 | 0.08               | 0.18               | 0.16                | 0    | 0    |
| 9  | 0.21               | 0.21           | 1.64            | 0.51             | 0.04           | 0.19           | 0.11              | 0.11              | 0.04                | 0.1                | 0.18               | 0.16                | 0    | 0    |
| 10 | 0.41               | 0.41           | 1.63            | 0.54             | 0.03           | 0.23           | 0.08              | 0.08              | 0.03                | 0.05               | 0.33               | 0.29                | 0    | 0.13 |
| 11 | 0.08               | 0.08           | 5.63            | 0.87             | 0.75           | 0.12           | 0.1               | 0.10              | 0.1                 | 0.08               | 0.43               | 0.37                | 0.43 | 0    |
| 12 | 0.12               | 0.11           | 3.09            | 0.67             | 0.09           | 0.06           | 0.06              | 0.06              | 0.05                | 0.04               | 0.23               | 0.20                | 0.04 | 0    |
| 13 | 0.06               | 0.03           | 2.99            | 0.60             | 0.24           | 0.01           | 0.06              | 0.06              | 0.06                | 0.01               | 0.32               | 0.28                | 0    | 0    |
| 14 | 0.15               | 0.08           | 2.65            | 0.99             | 1.72           | 0.08           | 0.13              | 0.13              | 0.13                | 0.05               | 0.48               | 0.42                | 0.48 | 0    |
| 15 | 0.02               | 0.02           | 0.9             | 0.49             | 0.49           | 0.06           | 0.09              | 0.09              | 0.09                | 0.04               | 0.25               | 0.22                | 0.1  | 0    |
| 16 | 0.03               | 0.02           | 0.81            | 0.55             | 0.72           | 0.90           | 0.2               | 0.20              | 0.2                 | 0.2                | 0.3                | 0.26                | 0.3  | 0.24 |
| 17 | 0.03               | 0.02           | 0.86            | 0.60             | 0.77           | 0.50           | 0.2               | 0.20              | 0.2                 | 0.2                | 0.35               | 0.30                | 0.35 | 0.3  |
| 18 | 0.02               | 0.02           | 0.53            | 0.30             | 0.33           | 0.16           | 0.16              | 0.16              | 0.16                | 0.08               | 0.13               | 0.11                | 0.13 | 0.02 |
| 19 | 0.1                | 0.10           | 1.62            | 0.68             | 0.57           | 0.18           | 0.1               | 0.10              | 0.1                 | 0.04               | 0.47               | 0.41                | 0.47 | 0.13 |
| 20 | 0.24               | 0.24           | 0.88            | 0.45             | 0.01           | 0.22           | 0.03              | 0.03              | 0.01                | 0                  | 0.33               | 0.29                | 0    | 0    |
| 21 | 0                  | 0.00           | 13.83           | 4.13             | 4.22           | 2.28           | 0.32              | 0.32              | 0.32                | 0.2                | 1.59               | 1.38                | 1.59 | 0.81 |
| 22 | 0                  | 0.00           | 10.35           | 3.07             | 0.87           | 0.76           | 0.26              | 0.26              | 0.26                | 0.05               | 1.21               | 1.05                | 0.61 | 0.15 |
| 23 | 0                  | 0.00           | 19.07           | 3.86             | 3.01           | 1.47           | 0.29              | 0.29              | 0.29                | 0.15               | 1.57               | 1.36                | 1.57 | 0.56 |
| 24 | 0.19               | 0.00           | 20.24           | 5.60             | 3.92           | 3.53           | 0.36              | 0.36              | 0.36                | 0.21               | 1.59               | 1.38                | 1.59 | 0.84 |
| 25 | 0                  | 0.00           | 8.58            | 2.76             | 0.17           | 0.50           | 0.25              | 0.25              | 0.17                | 0.06               | 1.43               | 1.24                | 0    | 0.17 |
| 26 | 0                  | 0.00           | 5.41            | 1.85             | 0.86           | 0.92           | 0.2               | 0.20              | 0.2                 | 0.07               | 1.2                | 1.04                | 0.66 | 0.38 |
| 27 | 0                  | 0.00           | 9.74            | 3.94             | 1.13           | 0.71           | 0.32              | 0.32              | 0.32                | 0.13               | 1.27               | 1.10                | 0.81 | 0.44 |
| 28 | 0                  | 0.00           | 13.52           | 4.03             | 2.34           | 2.70           | 0.37              | 0.37              | 0.37                | 0.41               | 1.47               | 1.27                | 1.43 | 1.28 |
| 29 | 0                  | 0.00           | 8.77            | 2.46             | 1.14           | 2.16           | 0.22              | 0.22              | 0.22                | 0.13               | 1.17               | 1.01                | 0.91 | 0.46 |
| 30 | 0                  | 0.00           | 8.73            | 3.31             | 2.54           | 1.69           | 0.26              | 0.26              | 0.26                | 0.21               | 1.24               | 1.07                | 1.24 | 0.78 |
| 31 | 0                  | 0.00           | 6.52            | 2.74             | 2.57           | 2.32           | 0.3               | 0.30              | 0.3                 | 0.18               | 1.33               | 1.15                | 1.33 | 0.64 |

## OutputComparison

|    | Z                   | AA               | AB                   | AC   | AD                 | AE               | AF                  | AG   | AH                    | AI                    | AJ                  |
|----|---------------------|------------------|----------------------|------|--------------------|------------------|---------------------|------|-----------------------|-----------------------|---------------------|
| 1  | <b>100hr</b>        |                  |                      |      | <b>&gt;=1000hr</b> |                  |                     |      | <b>Litter</b>         |                       |                     |
| 2  | <b>100hr_preloa</b> | <b>100hr_Con</b> | <b>100hr_Fi_meas</b> |      | <b>3+_preload</b>  | <b>3+_Consum</b> | <b>3+_FOFE_meas</b> |      | <b>litter_preload</b> | <b>Litter_Consume</b> | <b>Litter_FOFEM</b> |
| 3  | 0.17                | 0.07             | 0                    | 0    | 0.34               | 0.02             | 0                   | 0    | 0.91                  | 0.02                  | 0.91                |
| 4  | 0.14                | 0.06             | 0                    | 0.01 | 0.11               | 0.01             | 0                   | 0    | 0.71                  | 0.01                  | 0.71                |
| 5  | 0.35                | 0.14             | 0.26                 | 0.06 | 0.34               | 0.02             | 0                   | 0    | 0.84                  | 0.01                  | 0.84                |
| 6  | 0.32                | 0.13             | 0                    | 0.01 | 1.27               | 0.10             | 0                   | 0    | 1.66                  | 0.02                  | 1.66                |
| 7  | 0.97                | 0.39             | 0                    | 0.13 | 2.16               | 0.08             | 0                   | 0    | 1.61                  | 0.53                  | 1.61                |
| 8  | 0.26                | 0.10             | 0                    | 0.03 | 0.53               | 0.03             | 0                   | 0    | 1.74                  | 1.15                  | 1.74                |
| 9  | 0.49                | 0.20             | 0                    | 0.03 | 0.86               | 0.05             | 0                   | 0.06 | 1.04                  | 0.01                  | 1.04                |
| 10 | 0.24                | 0.10             | 0                    | 0.05 | 0.98               | 0.08             | 0                   | 0    | 1.19                  | 0.01                  | 1.19                |
| 11 | 0.64                | 0.26             | 0.22                 | 0.04 | 4.46               | 0.15             | 0                   | 0    | 1.53                  | 1.32                  | 1.53                |
| 12 | 0.34                | 0.14             | 0                    | 0.02 | 2.46               | 0.28             | 0                   | 0    | 1.05                  | 0.01                  | 1.05                |
| 13 | 0.48                | 0.19             | 0                    | 0    | 2.13               | 0.07             | 0                   | 0    | 1.29                  | 0.99                  | 1.29                |
| 14 | 0.93                | 0.37             | 0.62                 | 0.03 | 1.11               | 0.07             | 0.06                | 0    | 1.61                  | 2.30                  | 1.61                |
| 15 | 0.46                | 0.19             | 0                    | 0.02 | 0.1                | 0.00             | 0                   | 0    | 2.05                  | 2.71                  | 2.05                |
| 16 | 0.22                | 0.09             | 0.22                 | 0    | 0.09               | 0.01             | 0                   | 0    | 1.61                  | 0.02                  | 1.61                |
| 17 | 0.22                | 0.09             | 0.22                 | 0    | 0.09               | 0.01             | 0.09                | 0    | 1.39                  | 0.02                  | 1.39                |
| 18 | 0.05                | 0.02             | 0.05                 | 0.06 | 0.19               | 0.01             | 0                   | 0    | 0.81                  | 0.02                  | 0.81                |
| 19 | 0.33                | 0.13             | 0                    | 0.01 | 0.72               | 0.04             | 0                   | 0    | 1.66                  | 0.02                  | 1.66                |
| 20 | 0.25                | 0.10             | 0                    | 0.07 | 0.27               | 0.04             | 0                   | 0.15 | 1.80                  | 0.02                  | 1.80                |
| 21 | 3                   | 1.21             | 2.17                 | 0.77 | 8.92               | 1.23             | 0.11                | 1.34 | 2.01                  | 2.01                  | 2.01                |
| 22 | 2.08                | 0.84             | 0                    | 0.36 | 6.8                | 0.93             | 0                   | 0.93 | 1.52                  | 1.52                  | 1.52                |
| 23 | 2.53                | 1.02             | 1.11                 | 0.68 | 14.68              | 1.19             | 0.03                | 1.22 | 1.96                  | 1.96                  | 1.96                |
| 24 | 2.69                | 1.08             | 1.76                 | 0.7  | 15.6               | 2.79             | 0.18                | 2.97 | 1.68                  | 1.68                  | 1.68                |
| 25 | 2.03                | 0.82             | 0                    | 0.13 | 4.87               | 0.45             | 0                   | 0.45 | 2.07                  | 2.07                  | 2.07                |
| 26 | 1.2                 | 0.48             | 0                    | 0.23 | 2.81               | 0.13             | 0                   | 0.13 | 2.68                  | 2.68                  | 2.68                |
| 27 | 0.64                | 0.26             | 0                    | 0.1  | 7.51               | 2.27             | 0                   | 2.27 | 1.13                  | 1.13                  | 1.13                |
| 28 | 1.83                | 0.74             | 0.53                 | 0.67 | 9.85               | 1.65             | 0.01                | 1.66 | 1.16                  | 1.16                  | 1.16                |
| 29 | 1.72                | 0.69             | 0.01                 | 0.35 | 5.66               | 0.54             | 0                   | 0.54 | 1.89                  | 1.89                  | 1.89                |
| 30 | 1.63                | 0.66             | 0.96                 | 0.58 | 5.6                | 1.32             | 0.02                | 1.34 | 1.71                  | 1.71                  | 1.71                |
| 31 | 1.53                | 0.62             | 0.93                 | 0.5  | 3.36               | 0.67             | 0.2                 | 0.87 | 1.76                  | 1.76                  | 1.76                |

OutputComparison

|    | AK                 | AL                 | AM                  | AN                  | AO                | AP               |
|----|--------------------|--------------------|---------------------|---------------------|-------------------|------------------|
| 1  | <b>Duff</b>        |                    |                     |                     |                   |                  |
| 2  | <b>Litter_post</b> | <b>Litter_meas</b> | <b>Duff_preload</b> | <b>Duff_Consume</b> | <b>Duff_FOFEM</b> | <b>Duff_meas</b> |
| 3  | 1.98               | 0                  |                     |                     |                   |                  |
| 4  | 0.73               | 0                  |                     |                     |                   |                  |
| 5  | 0.76               | 0.0842             |                     |                     |                   |                  |
| 6  | 1.56               | 0.09585            |                     |                     |                   |                  |
| 7  | 1.33               | 0.27839            |                     |                     |                   |                  |
| 8  | 1.3                | 0.43565            |                     |                     |                   |                  |
| 9  | 1.5                | 0                  |                     |                     |                   |                  |
| 10 | 1.27               | 0                  |                     |                     |                   |                  |
| 11 |                    | 1.53384            |                     |                     |                   |                  |
| 12 | 0.49               | 0.55622            |                     |                     |                   |                  |
| 13 | 0.38               | 0.91402            |                     |                     |                   |                  |
| 14 | 0.39               | 1.21776            |                     |                     |                   |                  |
| 15 | 0.61               | 1.43792            |                     |                     |                   |                  |
| 16 | 1.06               | 0.54923            |                     |                     |                   |                  |
| 17 | 1.03               | 0.36104            |                     |                     |                   |                  |
| 18 | 0.51               | 0.30291            |                     |                     |                   |                  |
| 19 | 0.3                | 1.35585            |                     |                     |                   |                  |
| 20 | 2.03               | 0                  |                     |                     |                   |                  |
| 21 | 1.66               | 0.35               | 1.65                | 0.00                | 0.00              | 0.44             |
| 22 | 0.67               | 0.85               | 1.65                | 0.00                | 0.00              | 0.05             |
| 23 | 1.51               | 0.45               | 2.44                | 0.00                | 0.00              | 0.40             |
| 24 | 1.43               | 0.25               | 2.38                | 0.00                | 0.00              | 0.51             |
| 25 | 1.23               | 0.84               | 4.36                | 0.00                | 0.00              | 0.14             |
| 26 | 2.21               | 0.47               | 4.14                | 0.00                | 0.00              | 0.23             |
| 27 | 0.88               | 0.25               | 0.42                | 0.00                | 0.00              | 0.07             |
| 28 | 0.94               | 0.22               | 3.47                | 0.00                | 0.00              | 0.73             |
| 29 | 1.48               | 0.41               | 1.07                | 0.00                | 0.00              | 0.52             |
| 30 | 1.12               | 0.59               | 2.52                | 0.00                | 0.00              | 0.34             |
| 31 | 1.38               | 0.38               | 1.61                | 0.00                | 0.00              | 0.18             |

Consume 4 Inputs

|    | A         | B        | C           | D         | E          | F                 | G         | H               | I            | J             |
|----|-----------|----------|-------------|-----------|------------|-------------------|-----------|-----------------|--------------|---------------|
| 1  | FuelbedNu | SiteName | SiteDescrip | Ecoregion | Vegetation | NaturalFireRegime | CoverType | Shrub (tons/ac) | Shrub % live | Shrub % black |
| 2  | 14        | AP018    | Overstory:  | 230       | 2          | 1                 | 70        | 1.34            | 93           | 100           |
| 3  | 15        | AP034    | Overstory:  | 230       | 2          | 1                 | 70        | 0.76            | 75           | 100           |
| 4  | 3         | AP050    | Overstory:  | 230       | 2          | 1                 | 70        | 2.29            | 96           | 99            |
| 5  | 16        | AP213    | Overstory:  | 230       | 2          | 1                 | 70        | 1.57            | 79           | 94            |
| 6  | 1         | AP312    | Overstory:  | 230       | 2          | 1                 | 70        | 3.44            | 75           | 95            |
| 7  | 17        | AP319    | Overstory:  | 230       | 2          | 1                 | 70        | 1.89            | 85           | 99            |
| 8  | 2         | AP320    | Overstory:  | 230       | 2          | 1                 | 70        | 2.79            | 76           | 100           |
| 9  | 4         | AP328    | Overstory:  | 230       | 2          | 1                 | 70        | 1.58            | 73           | 99            |
| 10 | 9         | E100BE   | Overstory:  | 230       | 2          | 1                 | 70        | 2.07            | 91           | 99            |
| 11 | 10        | E501B    | Overstory:  | 230       | 2          | 1                 | 70        | 1.4             | 84           | 100           |
| 12 | 11        | E505     | Overstory:  | 230       | 2          | 1                 | 70        | 1.04            | 90           | 65            |
| 13 | 12        | E807B    | Overstory:  | 230       | 2          | 1                 | 70        | 2               | 92           | 51            |
| 14 | 13        | E807D    | Overstory:  | 230       | 2          | 1                 | 70        | 1.65            | 84           | 99            |
| 15 | 6         | PH1V     | Overstory:  | 230       | 2          | 1                 | 98        | 4.77            | 75           | 73            |
| 16 | 7         | PH1V2    | Overstory:  | 230       | 2          | 1                 | 98        | 4.77            | 75           | 88            |
| 17 | 8         | PH2K     | Overstory:  | 230       | 2          | 1                 | 98        | 4.62            | 77           | 50            |
| 18 | 5         | S121     | Overstory:  | 230       | 2          | 1                 | 70        | 3.76            | 88           | 53            |
| 19 | 18        | S330     | Overstory:  | 230       | 2          | 1                 | 70        | 1.27            | 94           | 96            |
| 20 | 20        | DBBCLF   | Overstory:  | 220       | 1          | 1                 | 108       | 0.06            | 100          | 91.86         |
| 21 | 22        | DBCCLF   | Overstory:  | 220       | 1          | 1                 | 108       | 0.01            | 100          | 52.85         |
| 22 | 19        | DBWPLF   | Overstory:  | 220       | 1          | 1                 | 108       | 0.04            | 100          | 80.86         |
| 23 | 21        | DBWSLF   | Overstory:  | 220       | 1          | 1                 | 108       | 9.87            | 100          | 50            |
| 24 | 24        | GWJCM    | Overstory:  | 230       | 1          | 1                 | 108       |                 |              | 77.5          |
| 25 | 23        | GWJJR    | Overstory:  | 230       | 1          | 1                 | 108       | 0.02            | 100          | 98.43         |
| 26 | 25        | MBHG     | Overstory:  | 220       | 1          | 1                 | 108       |                 |              | 97.16         |
| 27 | 27        | MFM2     | Overstory:  | 220       | 1          | 1                 | 108       |                 |              | 98.46         |
| 28 | 26        | MJC      | Overstory:  | 220       | 1          | 1                 | 108       |                 |              | 98.36         |
| 29 | 28        | THA      | Overstory:  | 220       | 1          | 1                 | 108       |                 |              | 86.29         |
| 30 | 29        | THB_PLOH | Overstory:  | 220       | 1          | 1                 | 108       | 0.32            | 93           | 95.61         |

Consume 4 Inputs

|    | K            | L         | M     | N    | O    | P     | Q        | R         | S         | T        | U         | V         |
|----|--------------|-----------|-------|------|------|-------|----------|-----------|-----------|----------|-----------|-----------|
| 1  | NW (tons/ac) | NW % live | Woody | 1hr  | 10hr | 100hr | S 1000hr | S_10000hr | S_>10000h | R 1000hr | R_10000hr | R_>10000h |
| 2  | 0.39         | 0         | 0.78  | 0.03 | 0.24 | 0.17  | 0.16     | 0         | 0         | 0.18     | 0         | 0         |
| 3  | 0.21         | 0         | 0.44  | 0.02 | 0.17 | 0.14  | 0        | 0         | 0         | 0.11     | 0         | 0         |
| 4  | 0.39         | 0         | 1.54  | 0.22 | 0.63 | 0.35  | 0.29     | 0         | 0         | 0.05     | 0         | 0         |
| 5  | 0.01         | 0         | 1.74  | 0.01 | 0.14 | 0.32  | 0.74     | 0         | 0         | 0.4      | 0.13      | 0         |
| 6  | 0.12         | 0         | 3.96  | 0.16 | 0.67 | 0.97  | 0.62     | 0.22      | 0         | 1.32     | 0         | 0         |
| 7  | 0.09         | 0         | 1.07  | 0.1  | 0.18 | 0.26  | 0.44     | 0         | 0         | 0.09     | 0         | 0         |
| 8  | 0.21         | 0         | 1.64  | 0.11 | 0.18 | 0.49  | 0.38     | 0         | 0         | 0.48     | 0         | 0         |
| 9  | 0.41         | 0         | 1.63  | 0.08 | 0.33 | 0.24  | 0.28     | 0         | 0         | 0.7      | 0         | 0         |
| 10 | 0.08         | 0         | 5.63  | 0.1  | 0.43 | 0.64  | 1.26     | 0.89      | 0         | 1.43     | 0.88      | 0         |
| 11 | 0.12         | 0         | 3.09  | 0.06 | 0.23 | 0.34  | 0.17     | 1.06      | 0         | 0.65     | 0.58      | 0         |
| 12 | 0.06         | 0         | 2.99  | 0.06 | 0.32 | 0.48  | 0.28     | 0.42      | 0         | 0.9      | 0.53      | 0         |
| 13 | 0.15         | 0         | 2.65  | 0.13 | 0.48 | 0.93  | 0.64     | 0         | 0         | 0.47     | 0         | 0         |
| 14 | 0.02         | 0         | 0.9   | 0.09 | 0.25 | 0.46  | 0        | 0         | 0         | 0.1      | 0         | 0         |
| 15 | 0.03         | 0         | 0.81  | 0.2  | 0.3  | 0.22  | 0.09     | 0         | 0         | 0        | 0         | 0         |
| 16 | 0.03         | 0         | 0.86  | 0.2  | 0.35 | 0.22  | 0.09     | 0         | 0         | 0        | 0         | 0         |
| 17 | 0.02         | 0         | 0.53  | 0.16 | 0.13 | 0.05  | 0.14     | 0         | 0         | 0.05     | 0         | 0         |
| 18 | 0.1          | 0         | 1.62  | 0.1  | 0.47 | 0.33  | 0.33     | 0         | 0         | 0.39     | 0         | 0         |
| 19 | 0.24         | 0         | 0.88  | 0.03 | 0.33 | 0.25  | 0        | 0         | 0         | 0.12     | 0.15      | 0         |
| 20 |              |           | 13.83 | 0.32 | 1.59 | 3     | 2.34     | 1.24      | 0         | 2.77     | 2.57      | 0         |
| 21 |              |           | 10.35 | 0.26 | 1.21 | 2.08  | 1.99     | 2.74      | 0         | 1.46     | 0.61      | 0         |
| 22 |              |           | 19.07 | 0.29 | 1.57 | 2.53  | 3.62     | 4.17      | 0         | 3.03     | 3.86      | 0         |
| 23 | 0.19         | 0         | 20.24 | 0.36 | 1.59 | 2.69  | 2.61     | 1.56      | 0         | 4.62     | 6.81      | 0         |
| 24 |              |           | 8.58  | 0.25 | 1.43 | 2.03  | 1.66     | 0.96      | 0         | 1.17     | 1.08      | 0         |
| 25 |              |           | 5.41  | 0.2  | 1.2  | 1.2   | 1.04     | 0.33      | 0         | 1.44     | 0         | 0         |
| 26 |              |           | 9.74  | 0.32 | 1.27 | 0.64  | 0.42     | 0         | 0         | 0.52     | 0.72      | 5.85      |
| 27 |              |           | 13.52 | 0.37 | 1.47 | 1.83  | 1.37     | 0.9       | 0.48      | 2.21     | 3.06      | 1.83      |
| 28 |              |           | 8.77  | 0.22 | 1.17 | 1.72  | 1.18     | 0.38      | 2.5       | 0.77     | 0.83      | 0         |
| 29 |              |           | 8.73  | 0.26 | 1.24 | 1.63  | 0.71     | 0.15      | 0         | 1.83     | 1.42      | 1.49      |
| 30 |              |           | 6.52  | 0.3  | 1.33 | 1.53  | 0.98     | 0.6       | 0         | 1.37     | 0.41      | 0         |

Consume 4 Inputs

|    | W         | X         | Y         | Z                | AA                       | AB         | AC         | AD       | AE       | AF       |
|----|-----------|-----------|-----------|------------------|--------------------------|------------|------------|----------|----------|----------|
| 1  | Woody_sti | Woody_sti | Woody_sti | LLM_litter_depth | LLM_litter_percent_cover | LLM_licher | LLM_licher | LLM_moss | LLM_moss | LLM_moss |
| 2  |           |           |           | 0.67             |                          | 64.91      |            |          |          |          |
| 3  |           |           |           | 0.59             |                          | 57.33      |            |          |          |          |
| 4  |           |           |           | 0.67             |                          | 59.92      |            |          |          |          |
| 5  |           |           |           | 0.83             |                          | 94.45      |            |          |          |          |
| 6  | 0         | 0         | 0         | 1.11             |                          | 68.59      |            |          |          |          |
| 7  |           |           |           | 0.87             |                          | 95.21      |            |          |          |          |
| 8  |           |           |           | 0.84             |                          | 58.89      |            |          |          |          |
| 9  |           |           |           | 1.07             |                          | 53.43      |            |          |          |          |
| 10 |           |           |           | 0.83             |                          | 87.71      |            |          |          |          |
| 11 |           |           |           | 0.94             |                          | 52.78      |            |          |          |          |
| 12 |           |           |           | 0.79             |                          | 77.75      |            |          |          |          |
| 13 |           |           |           | 0.87             |                          | 87.99      |            |          |          |          |
| 14 |           |           |           | 1.06             |                          | 91.89      |            |          |          |          |
| 15 |           |           |           | 0.79             |                          | 97.35      |            |          |          |          |
| 16 |           |           |           | 0.72             |                          | 92.36      |            |          |          |          |
| 17 |           |           |           | 0.49             |                          | 78.69      |            |          |          |          |
| 18 |           |           |           | 0.83             |                          | 95.04      |            |          |          |          |
| 19 |           |           |           | 0.94             |                          | 90.98      |            |          |          |          |
| 20 |           |           |           | 1.71             |                          | 89.25      |            |          |          |          |
| 21 |           |           |           | 1.45             |                          | 93.4       |            |          |          |          |
| 22 |           |           |           | 1.82             |                          | 95.97      |            |          |          |          |
| 23 |           |           |           | 2.07             |                          | 98.66      |            |          |          |          |
| 24 |           |           |           | 1.7              |                          | 98.72      |            |          |          |          |
| 25 |           |           |           | 2.45             |                          | 99.01      |            |          |          |          |
| 26 |           |           |           | 1.41             |                          | 95.29      |            |          |          |          |
| 27 |           |           |           | 1.35             |                          | 97.39      |            |          |          |          |
| 28 |           |           |           | 1.85             |                          | 94.9       |            |          |          |          |
| 29 |           |           |           | 1.34             |                          | 97.99      |            |          |          |          |
| 30 |           |           |           | 2.17             |                          | 96.73      |            |          |          |          |



Consume 4 Inputs

|    | AR              | AS                   | AT       | AU            | AV   |
|----|-----------------|----------------------|----------|---------------|------|
| 1  | DuffUpper_depth | DuffUpper_derivation | Duff_tpa | Total_preload |      |
| 2  |                 |                      |          | 3.4           |      |
| 3  |                 |                      |          | 2.1           |      |
| 4  |                 |                      |          | 5.1           |      |
| 5  |                 |                      |          | 5.0           |      |
| 6  |                 |                      |          | 9.1           |      |
| 7  |                 |                      |          | 4.8           |      |
| 8  |                 |                      |          | 5.7           |      |
| 9  |                 |                      |          | 4.8           |      |
| 10 |                 |                      |          | 9.3           |      |
| 11 |                 |                      |          | 5.7           |      |
| 12 |                 |                      |          | 5.4           |      |
| 13 |                 |                      |          | 6.4           |      |
| 14 |                 |                      |          | 4.6           |      |
| 15 |                 |                      |          | 7.2           |      |
| 16 |                 |                      |          | 7.1           |      |
| 17 |                 |                      |          | 6.0           |      |
| 18 |                 |                      |          | 7.1           |      |
| 19 |                 |                      |          | 4.2           |      |
| 20 | 0.6             |                      | 1        | 1.65          | 17.6 |
| 21 | 0.62            |                      | 1        | 1.65          | 13.5 |
| 22 | 0.45            |                      | 1        | 2.44          | 23.5 |
| 23 | 0.68            |                      | 1        | 2.38          | 34.4 |
| 24 | 1.2             |                      | 1        | 4.36          | 15.0 |
| 25 | 0.9             |                      | 1        | 4.14          | 12.3 |
| 26 | 0.2             |                      | 1        | 3.47          | 14.4 |
| 27 | 0.39            |                      | 1        | 0.42          | 15.1 |
| 28 | 0.25            |                      | 1        | 1.07          | 11.7 |
| 29 | 0.47            |                      | 1        | 2.52          | 13.0 |
| 30 | 0.42            |                      | 1        | 1.61          | 10.2 |

FOFEM 5.9 Inputs

|    | A         | B        | P     | V    | Z    | AA   | AB    | AC    | AV      | AW         | BF              | BH       |
|----|-----------|----------|-------|------|------|------|-------|-------|---------|------------|-----------------|----------|
| 1  | FuelbedNu | SiteName | Shrub | Herb | 1hr  | 10hr | 100hr | Log   | %Rotten | Litter_tpa | DuffUpper_depth | Duff_tpa |
| 2  | 14        | AP018    | 1.34  | 0.39 | 0.03 | 0.24 | 0.17  | 0.34  | 52.94   | 0.91       |                 |          |
| 3  | 15        | AP034    | 0.76  | 0.21 | 0.02 | 0.17 | 0.14  | 0.11  | 100.00  | 0.71       |                 |          |
| 4  | 3         | AP050    | 2.29  | 0.39 | 0.22 | 0.63 | 0.35  | 0.34  | 14.71   | 0.84       |                 |          |
| 5  | 16        | AP213    | 1.57  | 0.01 | 0.01 | 0.14 | 0.32  | 1.27  | 41.73   | 1.66       |                 |          |
| 6  | 1         | AP312    | 3.44  | 0.12 | 0.16 | 0.67 | 0.97  | 2.16  | 61.11   | 1.61       |                 |          |
| 7  | 17        | AP319    | 1.89  | 0.09 | 0.1  | 0.18 | 0.26  | 0.53  | 16.98   | 1.74       |                 |          |
| 8  | 2         | AP320    | 2.79  | 0.21 | 0.11 | 0.18 | 0.49  | 0.86  | 55.81   | 1.04       |                 |          |
| 9  | 4         | AP328    | 1.58  | 0.41 | 0.08 | 0.33 | 0.24  | 0.98  | 71.43   | 1.19       |                 |          |
| 10 | 9         | E100BE   | 2.07  | 0.08 | 0.1  | 0.43 | 0.64  | 4.46  | 51.79   | 1.53       |                 |          |
| 11 | 10        | E501B    | 1.4   | 0.12 | 0.06 | 0.23 | 0.34  | 2.46  | 50.00   | 1.05       |                 |          |
| 12 | 11        | E505     | 1.04  | 0.06 | 0.06 | 0.32 | 0.48  | 2.13  | 67.14   | 1.29       |                 |          |
| 13 | 12        | E807B    | 2     | 0.15 | 0.13 | 0.48 | 0.93  | 1.11  | 42.34   | 1.61       |                 |          |
| 14 | 13        | E807D    | 1.65  | 0.02 | 0.09 | 0.25 | 0.46  | 0.1   | 100.00  | 2.05       |                 |          |
| 15 | 6         | PH1V     | 4.77  | 0.03 | 0.2  | 0.3  | 0.22  | 0.09  | 0.00    | 1.61       |                 |          |
| 16 | 7         | PH1V2    | 4.77  | 0.03 | 0.2  | 0.35 | 0.22  | 0.09  | 0.00    | 1.39       |                 |          |
| 17 | 8         | PH2K     | 4.62  | 0.02 | 0.16 | 0.13 | 0.05  | 0.19  | 26.32   | 0.81       |                 |          |
| 18 | 5         | S121     | 3.76  | 0.1  | 0.1  | 0.47 | 0.33  | 0.72  | 54.17   | 1.66       |                 |          |
| 19 | 18        | S330     | 1.27  | 0.24 | 0.03 | 0.33 | 0.25  | 0.27  | 100.00  | 1.80       |                 |          |
| 20 | 20        | DBBCLF   | 0.06  |      | 0.32 | 1.59 | 3     | 8.92  | 59.87   | 2.01       | 0.6             | 1.65     |
| 21 | 22        | DBCCLF   | 0.01  |      | 0.26 | 1.21 | 2.08  | 6.8   | 30.44   | 1.52       | 0.62            | 1.65     |
| 22 | 19        | DBWPLF   | 0.04  |      | 0.29 | 1.57 | 2.53  | 14.68 | 46.93   | 1.96       | 0.45            | 2.44     |
| 23 | 21        | DBWSLF   | 9.87  | 0.19 | 0.36 | 1.59 | 2.69  | 15.6  | 73.27   | 1.68       | 0.68            | 2.38     |
| 24 | 24        | GWJCM    |       |      | 0.25 | 1.43 | 2.03  | 4.87  | 46.20   | 2.07       | 1.2             | 4.36     |
| 25 | 23        | GWJJR    | 0.02  |      | 0.2  | 1.2  | 1.2   | 2.81  | 51.25   | 2.68       | 0.9             | 4.14     |
| 26 | 25        | MBHG     |       |      | 0.32 | 1.27 | 0.64  | 7.51  | 94.41   | 1.16       | 0.2             | 3.47     |
| 27 | 27        | MFM2     |       |      | 0.37 | 1.47 | 1.83  | 9.85  | 72.08   | 1.13       | 0.39            | 0.42     |
| 28 | 26        | MJC      |       |      | 0.22 | 1.17 | 1.72  | 5.66  | 28.27   | 1.89       | 0.25            | 1.07     |
| 29 | 28        | THA      |       |      | 0.26 | 1.24 | 1.63  | 5.6   | 84.64   | 1.71       | 0.47            | 2.52     |
| 30 | 29        | THB_PLOH | 0.32  |      | 0.3  | 1.33 | 1.53  | 3.36  | 52.98   | 1.76       | 0.42            | 1.61     |

FOFEM 5.9 Inputs

|    | BL        | BR      | BX      | BY         | BZ     | CA                     | CB | CC |
|----|-----------|---------|---------|------------|--------|------------------------|----|----|
| 1  | fm_1000hr | fm_10hr | fm_duff | Burn date  | Season | <u>Global Settings</u> |    |    |
| 2  | 77.79     | 61.4    | 70      | 2/11/2010  | Winter |                        |    |    |
| 3  | 77.79     | 73.98   | 70      | 2/18/2010  | Winter |                        |    |    |
| 4  | 92.95     | 22.56   | 70      | 2/7/2009   | Winter | Natural-fuel           |    |    |
| 5  | 77.79     | 54.91   | 70      | 2/11/2010  | Winter |                        |    |    |
| 6  | 101.01    | 55.98   | 70      | 1/24/2009  | Winter | Southeast              |    |    |
| 7  | 77.79     | 48.85   | 70      | 1/14/2010  | Winter |                        |    |    |
| 8  | 84.22     | 60.3    | 70      | 2/17/2009  | Winter | Moderate               |    |    |
| 9  | 65.55     | 56.39   | 70      | 1/31/2009  | Winter | 3 year rough (SAF 70)  |    |    |
| 10 | 123.09    | 39.95   | 70      | 1/12/2010  | Winter |                        |    |    |
| 11 | 77.79     | 35.6016 | 70      | 12/23/2009 | Winter |                        |    |    |
| 12 | 113.75    | 66.46   | 70      | 1/23/2010  | Winter |                        |    |    |
| 13 | 77.79     | 35.6016 | 70      | 1/4/2010   | Winter |                        |    |    |
| 14 | 140.00    | 81.19   | 70      | 2/21/2010  | Winter |                        |    |    |
| 15 | 77.79     | 13.65   | 70      | 2/10/2009  | Winter |                        |    |    |
| 16 | 77.79     | 9.89    | 70      | 2/27/2009  | Winter |                        |    |    |
| 17 | 77.79     | 9.89    | 70      | 2/27/2009  | Winter |                        |    |    |
| 18 | 77.79     | 32.04   | 70      | 3/19/2009  | Spring |                        |    |    |
| 19 | 77.79     | 57.48   | 70      | 2/17/2010  | Winter |                        |    |    |
| 20 | 69.50     | 13.73   | 75.16   | 4/18/2009  | Spring |                        |    |    |
| 21 | 58.20     | 42.64   | 172.85  | 4/18/2009  | Spring |                        |    |    |
| 22 | 82.45     | 23.18   | 191.08  | 4/17/2009  | Spring |                        |    |    |
| 23 | 67.50     | 20.3    | 77.91   | 3/23/2009  | Spring |                        |    |    |
| 24 | 73.50     | 50.34   | 349.51  | 4/9/2009   | Spring |                        |    |    |
| 25 | 73.34     | 39.62   | 272.91  | 4/17/2009  | Spring |                        |    |    |
| 26 | 57.90     | 34.73   | 70      | 3/31/2009  | Spring |                        |    |    |
| 27 | 71.90     | 25.66   | 70      | 4/1/2009   | Spring |                        |    |    |
| 28 | 76.30     | 27.33   | 67.49   | 4/2/2009   | Spring |                        |    |    |
| 29 | 59.10     | 9.64    | 59.67   | 4/13/2009  | Spring |                        |    |    |
| 30 | 52.10     | 13.12   | 47.21   | 4/13/2009  | Spring |                        |    |    |