



## **Maryland Forest Service**

### **Wildland Fire Program**

# **2015 Annual Wildland Fire Report**

*Contact:*

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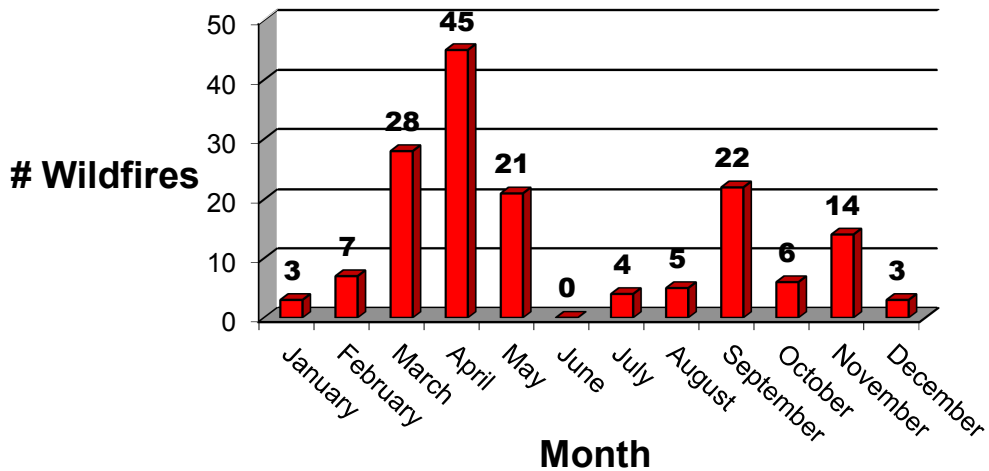


| <b>USDA Forest Service</b><br><b>WILDFIRE SUMMARY REPORT</b><br><b>(Reference FSH 3090.11)</b> |                           |                                           |                                  |
|------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------|----------------------------------|
| <b>1. Area/Region:</b><br>USDA FS (Region 9) SPF                                               |                           | <b>2. State:</b><br>Maryland              | <b>3. Calendar Year:</b><br>2015 |
| <b>4. Program: Cooperative Fire Protection</b>                                                 |                           | <b>5. Source: Maryland Forest Service</b> |                                  |
| <b>ITEM</b><br><b>(a)</b>                                                                      | <b>LINE</b><br><b>(b)</b> | <b>NUMBER</b><br><b>(c)</b>               | <b>ACRES</b><br><b>(d)</b>       |
| <b>6. Protective status:</b><br><b>a. TOTAL ACREAGE PROTECTED</b>                              | 1                         |                                           | 3,200,000                        |
| <b>7. Wildfires and acres burned by causes;</b>                                                |                           |                                           |                                  |
| <b>a. Lightning</b>                                                                            | 2                         | 2                                         | 27                               |
| <b>b. Campfire</b>                                                                             | 3                         | 7                                         | 7                                |
| <b>c. Smoking</b>                                                                              | 4                         | 11                                        | 8                                |
| <b>d. Debris burning</b>                                                                       | 5                         | 48                                        | 131                              |
| <b>e. Arson</b>                                                                                | 6                         | 46                                        | 487                              |
| <b>f. Equipment Use</b>                                                                        | 7                         | 13                                        | 316                              |
| <b>g. Railroads</b>                                                                            | 8                         | 0                                         | 0                                |
| <b>h. Children</b>                                                                             | 9                         | 12                                        | 11                               |
| <b>i. Miscellaneous</b>                                                                        | 10                        | 19                                        | 91                               |
| <b>j. TOTAL (add lines 7a through 7i)</b>                                                      | 11                        | 158                                       | 1078                             |
| <b>8. Wildfire and acres burned by size class</b>                                              |                           |                                           |                                  |
| <b>a. Class A - 0.25 acres or less</b>                                                         | 12                        | 68                                        | 9                                |
| <b>b. Class B - 0.26 to 9 acres</b>                                                            | 13                        | 80                                        | 161                              |
| <b>c. Class C - 10 to 99 acres</b>                                                             | 14                        | 7                                         | 248                              |
| <b>d. Class D - 100 to 299 acres</b>                                                           | 15                        | 3                                         | 660                              |
| <b>e. Class E - 300 to 999 acres</b>                                                           | 16                        | 0                                         | 0                                |
| <b>f. Class F - 1000 to 4999 acres</b>                                                         | 17                        | 0                                         | 0                                |
| <b>g. Class G - 5000 acres or more</b>                                                         | 18                        | 0                                         | 0                                |
| <b>h. TOTAL (add lines 8a through 8g)</b>                                                      | 19                        | 158                                       | 1078                             |
|                                                                                                |                           |                                           |                                  |

## 2015 Wildfires by Month

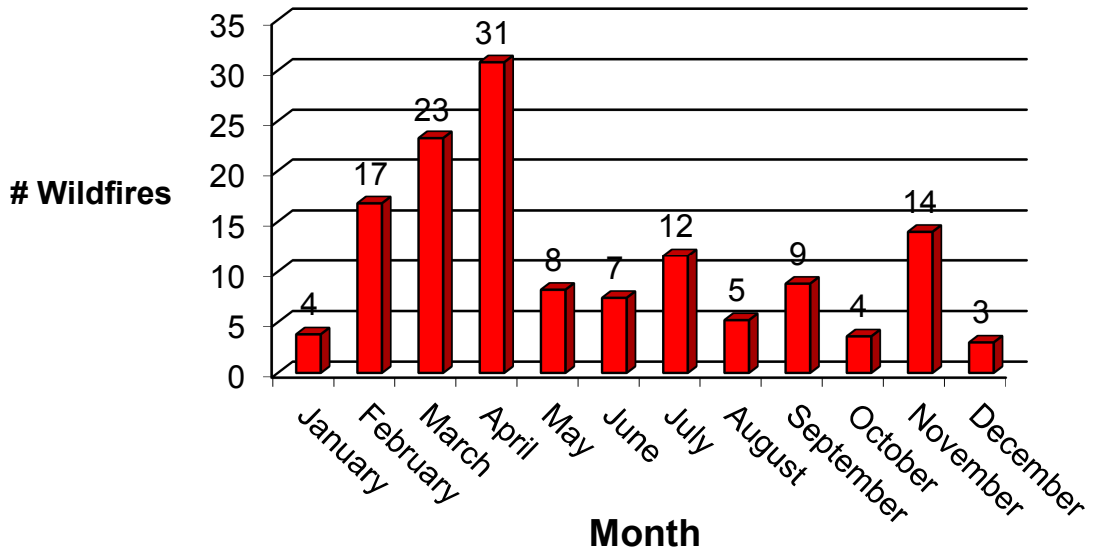
| Month               | 2015       |                |
|---------------------|------------|----------------|
|                     | # Fires    | Acres          |
| January             | 3          | 100.2          |
| February            | 7          | 356.3          |
| March               | 28         | 130.1          |
| April               | 45         | 105.4          |
| May                 | 21         | 316.0          |
| June                | 0          | 0.0            |
| July                | 4          | 0.7            |
| August              | 5          | 8.3            |
| September           | 22         | 32.3           |
| October             | 6          | 2.3            |
| November            | 14         | 25.7           |
| December            | 3          | 0.4            |
| <b>Grand Totals</b> | <b>158</b> | <b>1,077.7</b> |

## 2015 Wildfire Starts

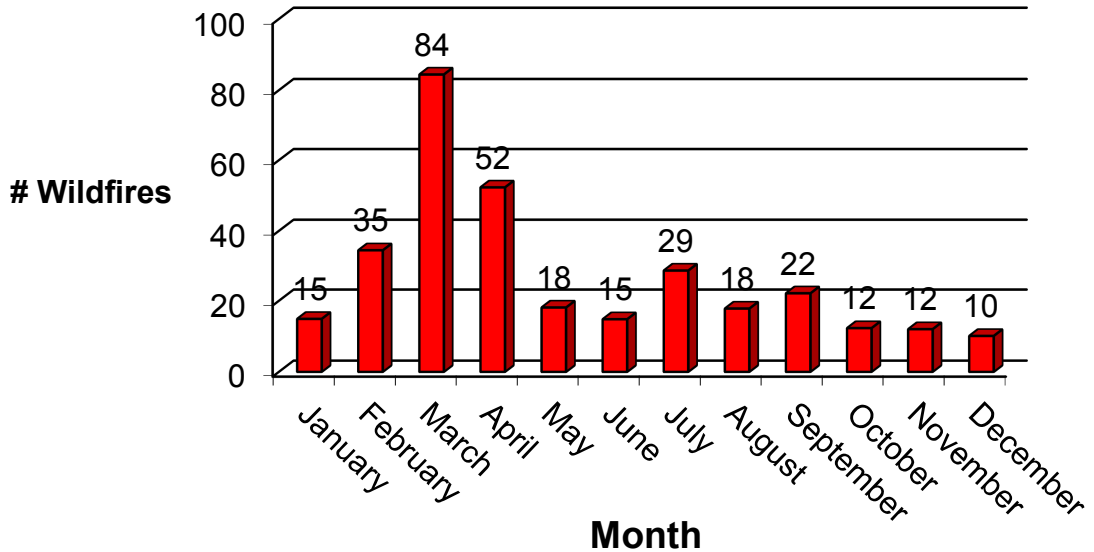


# Average Wildfires by Month

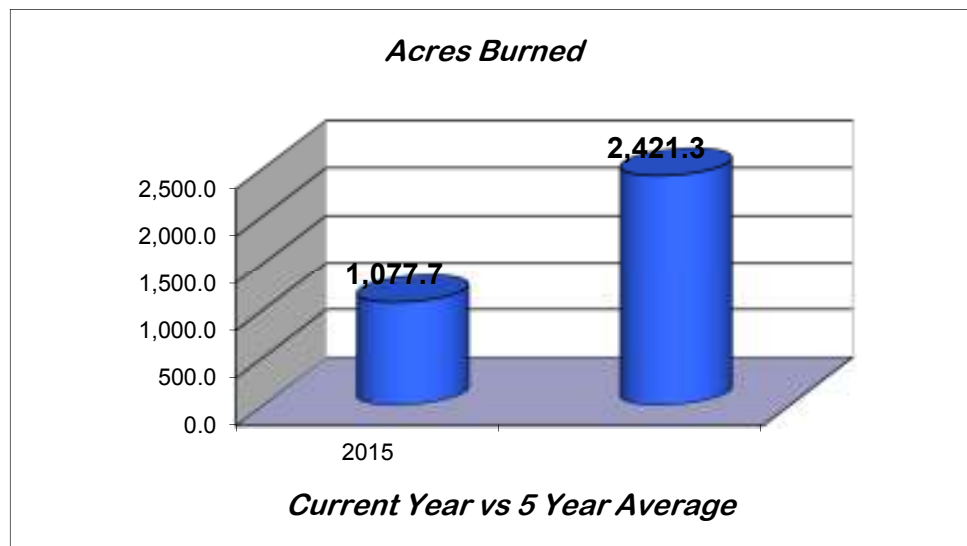
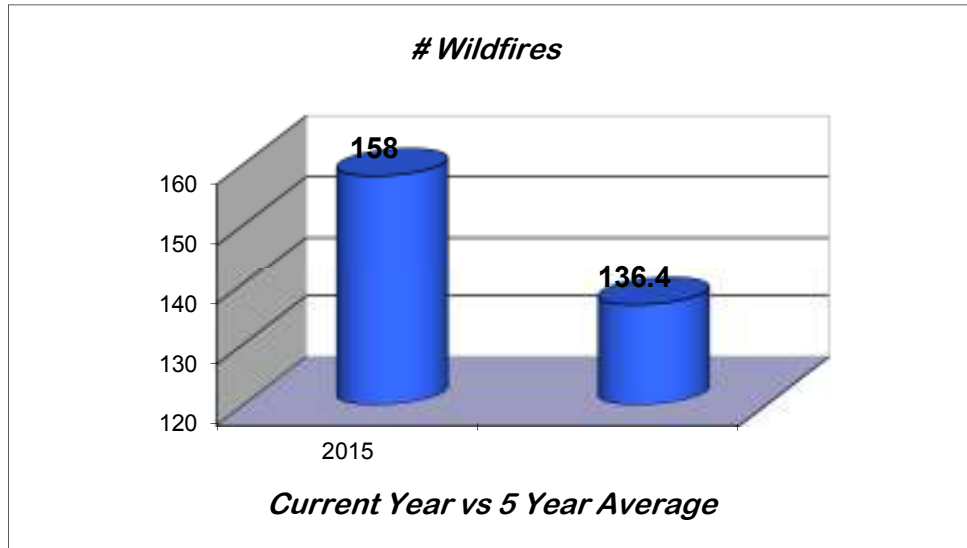
## 5 Year Average # Wildfires Per Month 2011 - 2015



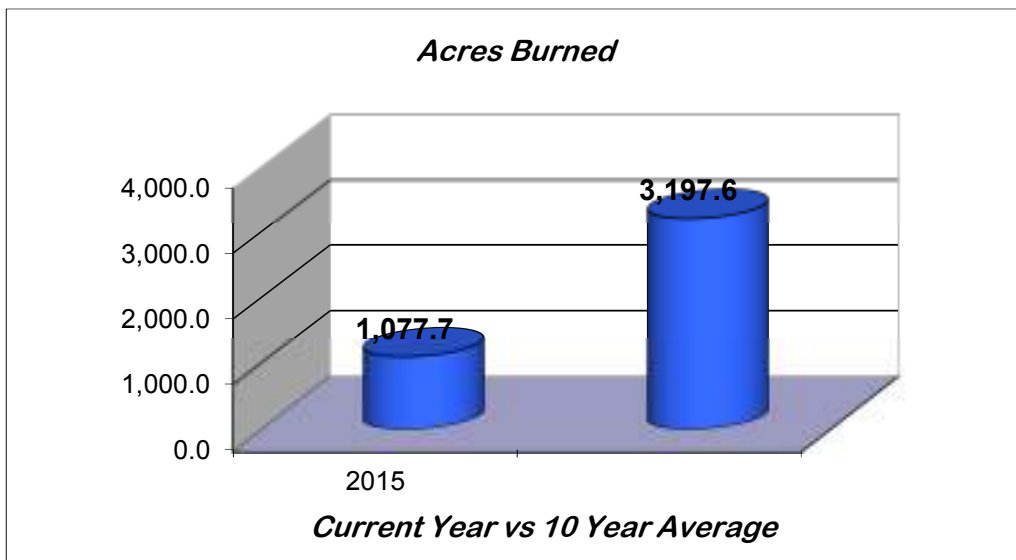
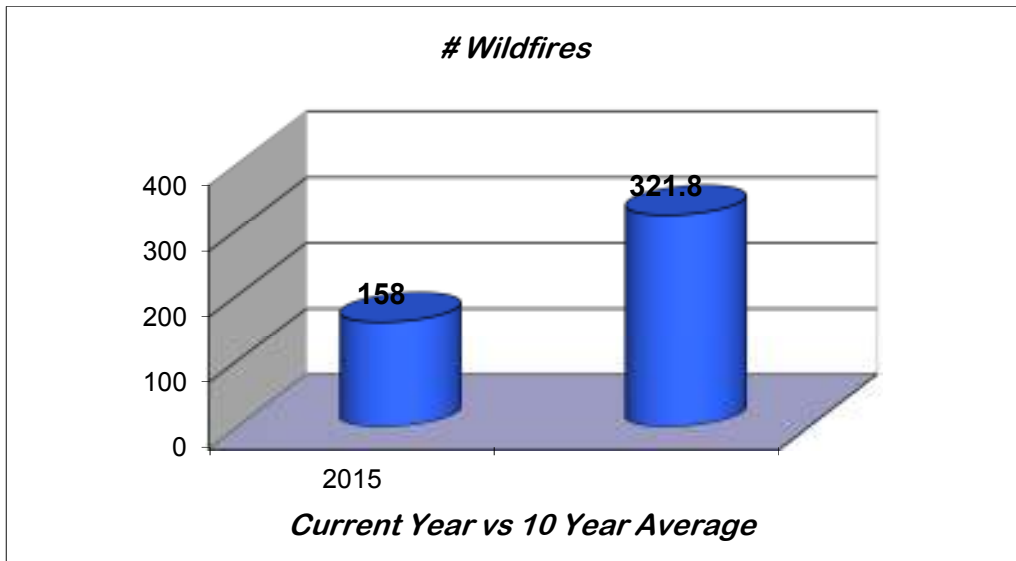
## 10 Year Average # Wildfires Per Month 2006 - 2015



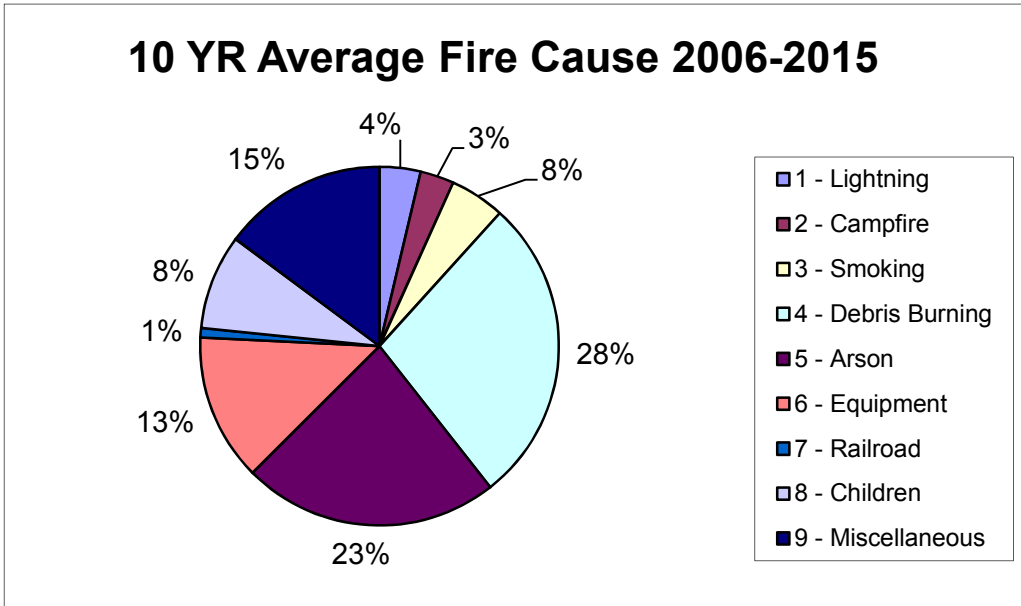
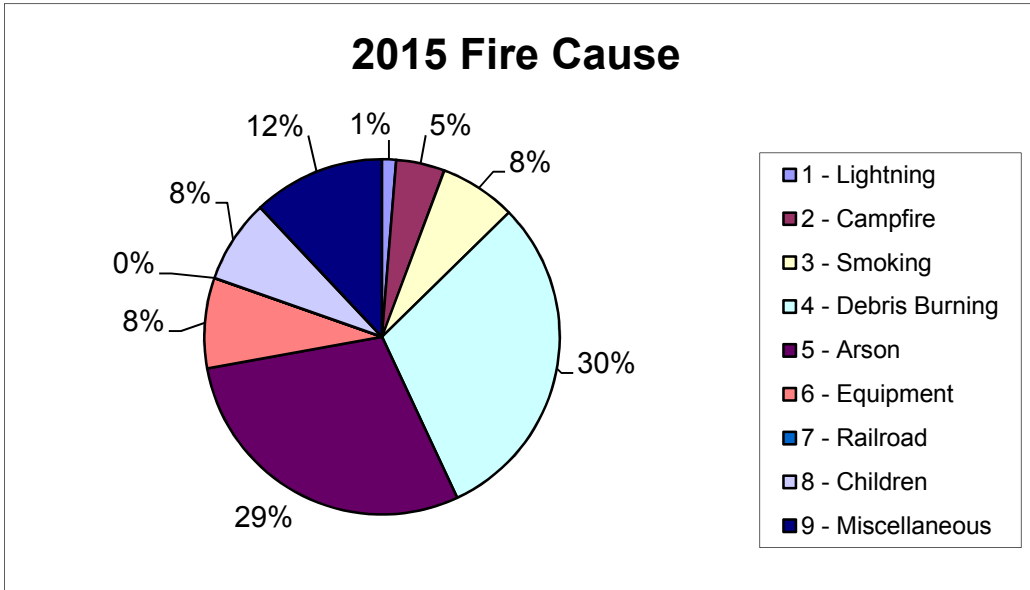
## Current Year vs. 5 Year Average



## Current Year vs. 10 Year Average



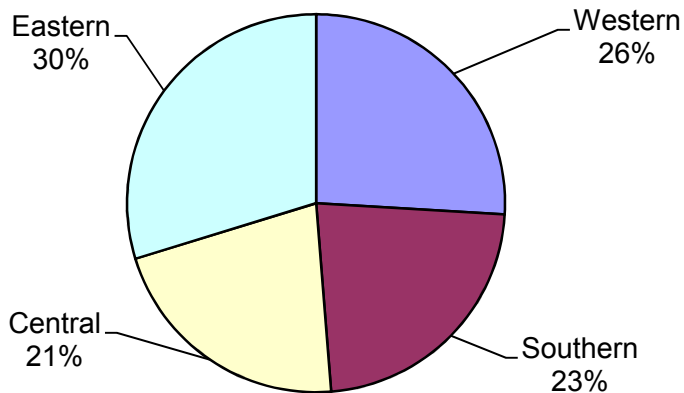
# Wildfire Cause



## 2015 Regional Statistics

| Region        | # Fires    | Acres Burned  |
|---------------|------------|---------------|
| Western       | 41         | 113.3         |
| Southern      | 36         | 20.9          |
| Central       | 34         | 114.5         |
| Eastern       | 47         | 829.2         |
| <b>Totals</b> | <b>158</b> | <b>1077.7</b> |

### 2015 Wildfires by Region

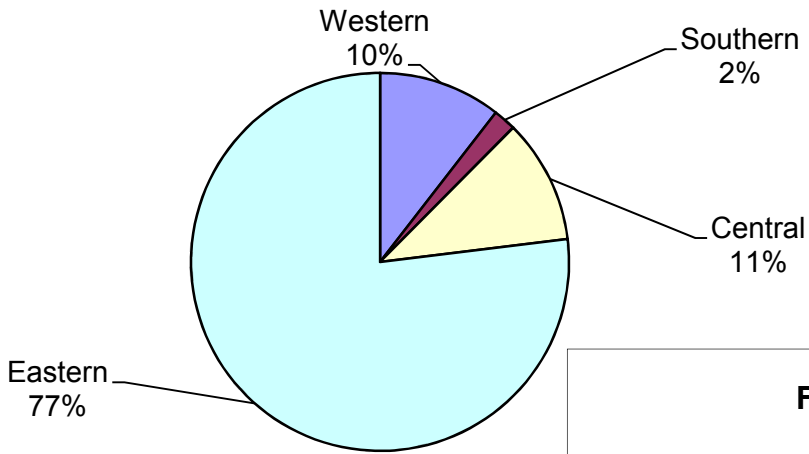


### 2015 ACRES BURNED BY REGION

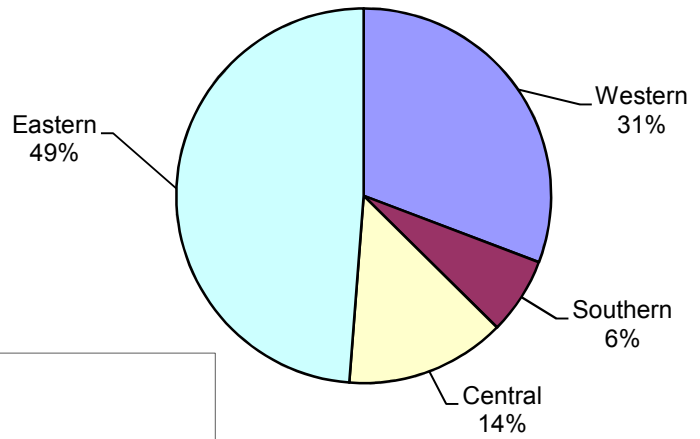
| Region        | Forest       | Marsh        | Non-Forest   | Total         |
|---------------|--------------|--------------|--------------|---------------|
| Western       | 80.1         | 0.0          | 33.0         | 113.3         |
| Southern      | 17.3         | 0.0          | 3.6          | 20.9          |
| Central       | 36.0         | 4.5          | 74.0         | 114.5         |
| Eastern       | 127.0        | 678.7        | 23.5         | 829.2         |
| <b>Totals</b> | <b>260.4</b> | <b>683.2</b> | <b>134.1</b> | <b>1077.7</b> |



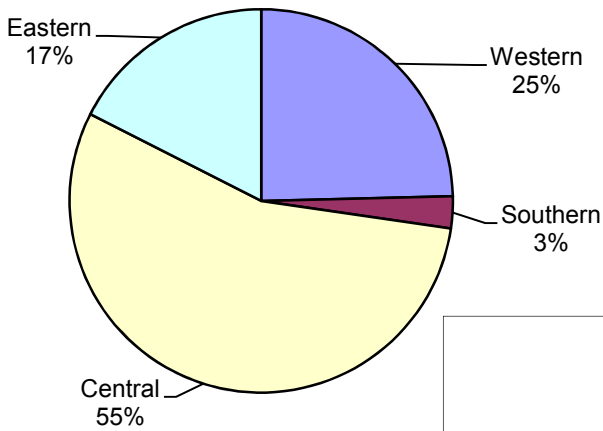
### Total Acres by Region



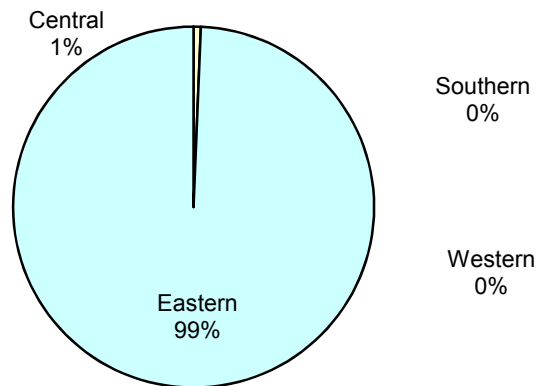
### Forest Acres by Region



### Non-Forest Acres by Region



### Marsh Acres by Region





## MD DNR Forest Service & Cooperators 2015 Prescribed Burns by Region

### Western

| COUNTY           | MONTH | FUEL TYPE | ACRES | # OF BURNS |
|------------------|-------|-----------|-------|------------|
| Frederick        | March | Grass     | 28.5  | 3          |
| Allegany         | April | Grass     | 30.0  | 6          |
| Frederick        | April | Grass     | 23.8  | 3          |
| Washington       | April | Grass     | 23.2  | 3          |
| Garrett          | April | Grass     | 17.5  | 4          |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
| <b>Sub Total</b> |       |           | 123.0 | 19         |

### Southern

| COUNTY           | MONTH | FUEL TYPE | ACRES | # OF BURNS |
|------------------|-------|-----------|-------|------------|
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
|                  |       |           |       |            |
| <b>Sub Total</b> |       |           | 0     | 0          |

| <b>Central</b>      |              |                  |               |                   |
|---------------------|--------------|------------------|---------------|-------------------|
| <b>COUNTY</b>       | <b>MONTH</b> | <b>FUEL TYPE</b> | <b>ACRES</b>  | <b># OF BURNS</b> |
| Cecil               | April        | Grass            | 15.0          | 1                 |
| Cecil               | April        | Grass            | 32.5          | 1                 |
| Baltimore           | November     | Grass            | 14.0          | 1                 |
| Baltimore           | November     | Grass            | 10.0          | 1                 |
|                     |              |                  |               |                   |
|                     |              |                  |               |                   |
|                     |              |                  |               |                   |
| <b>Sub Total</b>    |              |                  | 71.5          | 4                 |
| <b>Eastern</b>      |              |                  |               |                   |
| <b>COUNTY</b>       | <b>MONTH</b> | <b>FUEL TYPE</b> | <b>ACRES</b>  | <b># OF BURNS</b> |
| Wicomico            | March        | Grass/Understory | 50.0          | 1                 |
| Kent                | March        | Grass            | 13.0          | 1                 |
| Queen Anne          | March        | Marsh            | 180.0         | 2                 |
| Queen Anne          | March        | Grass            | 9.0           | 2                 |
| Worcester           | March        | Understory       | 13.0          | 1                 |
| Dorchester          | April        | Understory       | 135.0         | 1                 |
| Wicomico            | April        | Grass            | 18.0          | 1                 |
| Dorchester          | May          | Understory       | 172.0         | 3                 |
| Worcester           | May          | Understory       | 183.4         | 4                 |
| Worcester           | April        | Understory       | 42.4          | 2                 |
| Kent                | August       | Grass            | 13.0          | 1                 |
| Kent                | September    | Grass            | 9.0           | 1                 |
| Wicomico            | October      | Slash            | 143.0         | 1                 |
| Queen Anne          | October      | Grass            | 1.0           | 1                 |
| Wicomico            | October      | Grass            | 9.0           | 1                 |
|                     |              |                  |               |                   |
|                     |              |                  |               |                   |
| <b>Sub Total</b>    |              |                  | 990.8         | 23                |
| <b>Grand Totals</b> |              |                  | <b>1185.3</b> | <b>46</b>         |