

# *Maine's Environmental Volunteers, Uncommon Value and Values*

Commissioner David P. Littell  
Maine Department of Environmental Protection  
2010 Maine Volunteer Lake Monitoring Conference



**Maine has huge resources:**

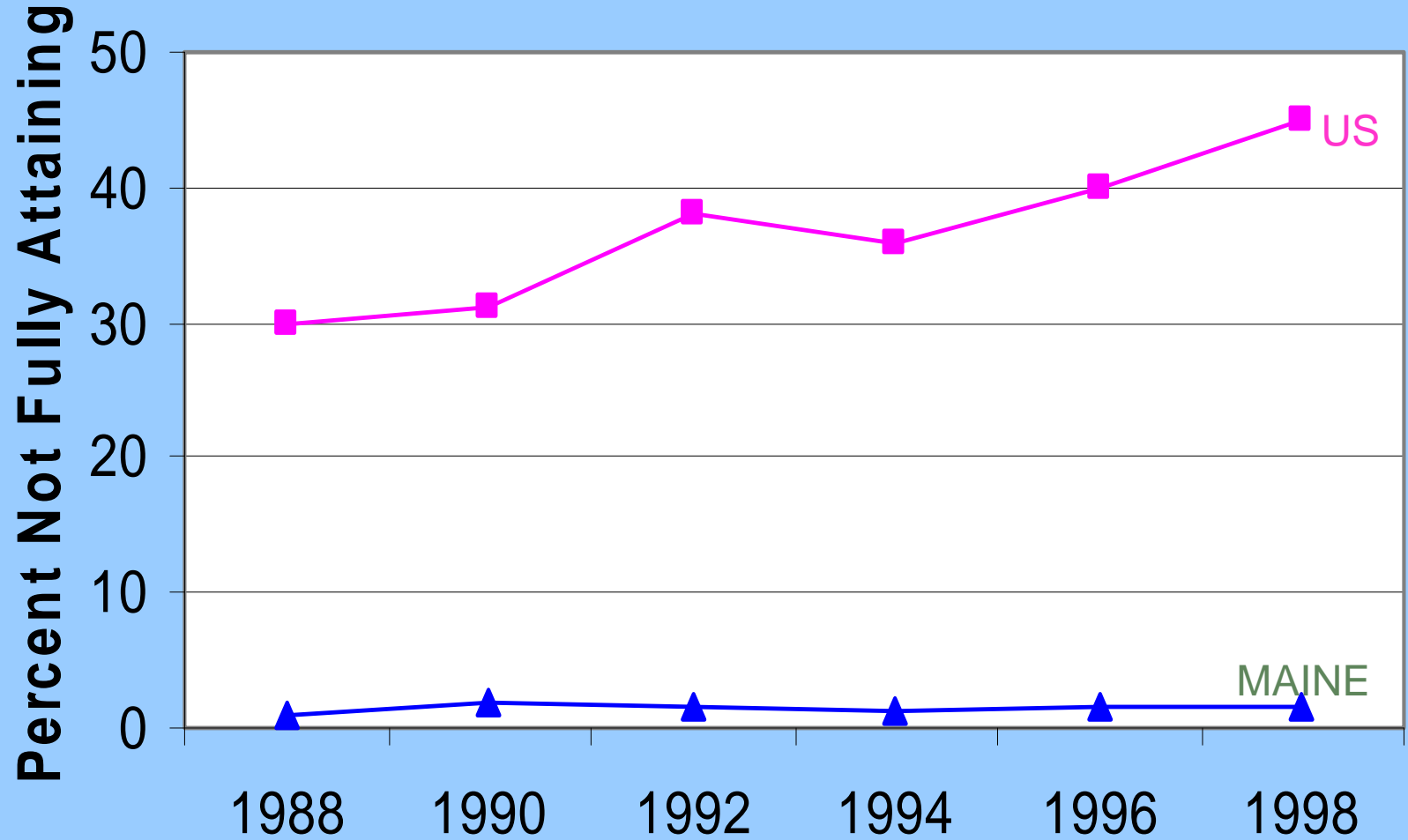
**3,500 miles of marine coastline**

**32,000 miles of rivers and streams**

**5,785 lakes**



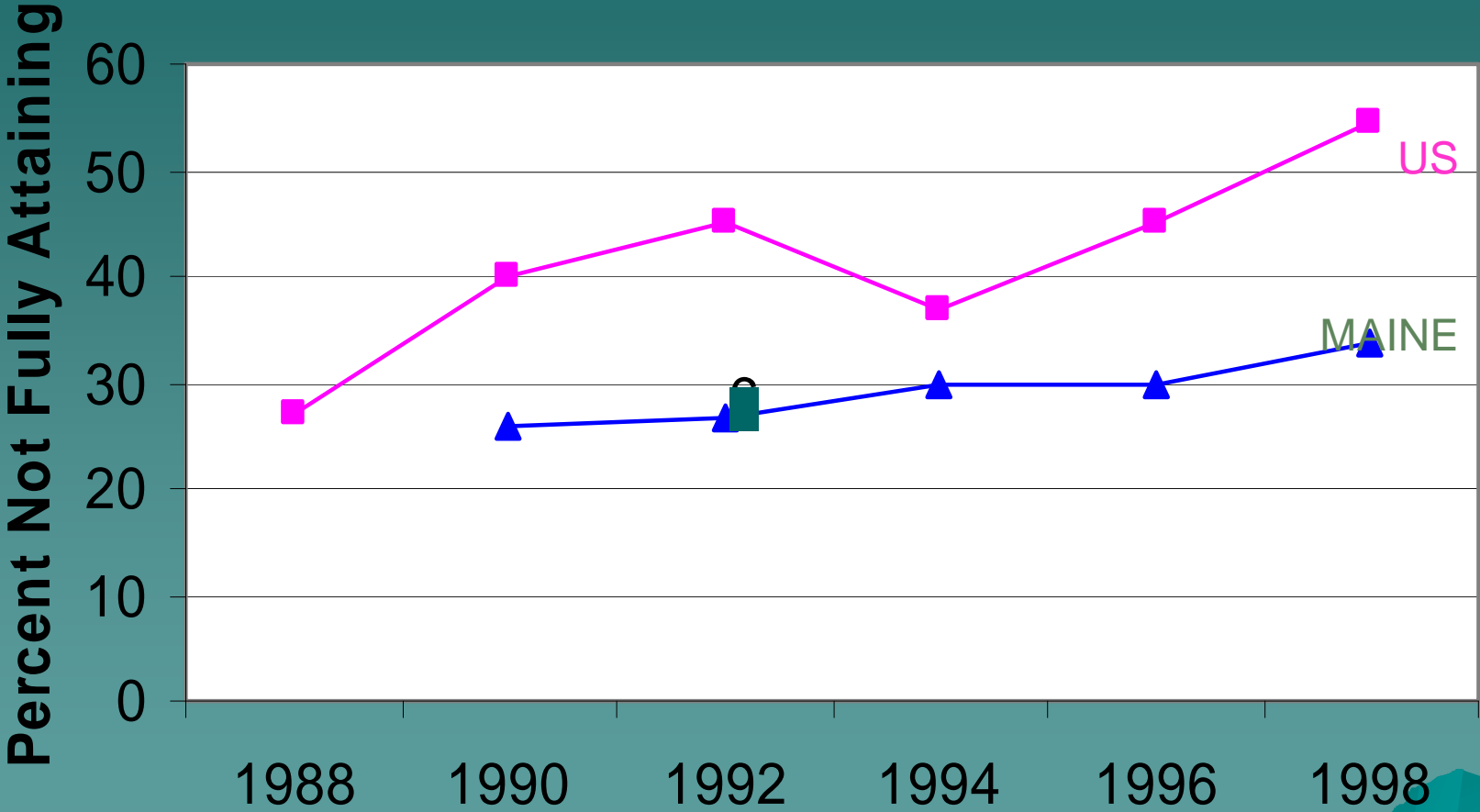
# Rivers and Streams





**Brook trout in the Pleasant River, Windham, ME**

# Lakes, Ponds and Reservoirs



# Lakes: 35 years building sustained watershed restoration



- Eight lakes removed from “Watch List”
- Great Pond added to the “Impaired Waters List”

*Our volunteers are everywhere  
in our communities*





*Maine Lake Volunteer  
Monitoring Program  
and  
Maine Center for Invasive  
Aquatic Plants*







# RUNS TO RIFFLES

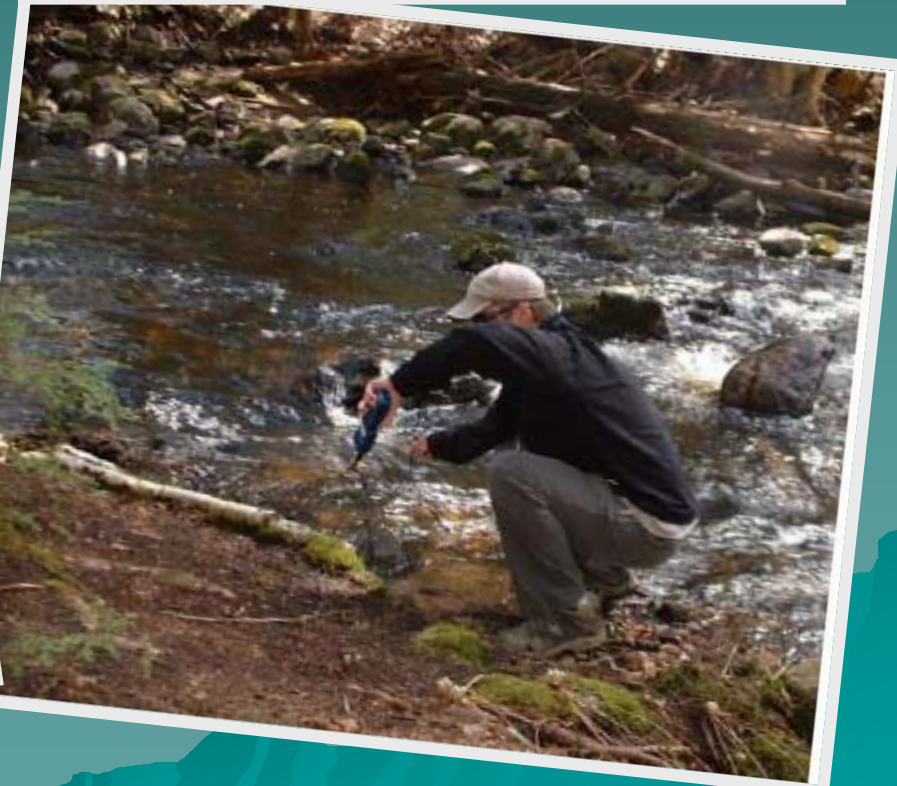
a joint newsletter of the Maine Stream Team Program &  
Volunteer River Monitoring Program  
— Maine Department of Environmental Protection —



## *Volunteer River Monitoring Program*



## *The Maine Stream Teams*



*Our Volunteers are broadly skilled*



*Our volunteers are innovative*



# *Our volunteers are dedicated*



Meddybemps

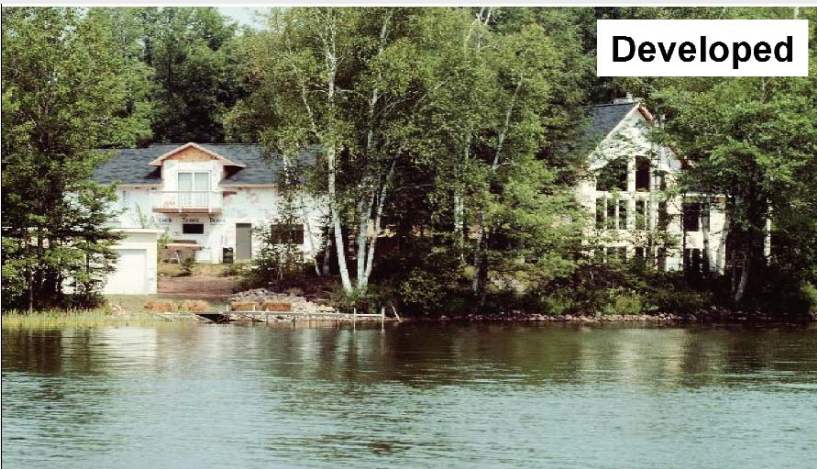
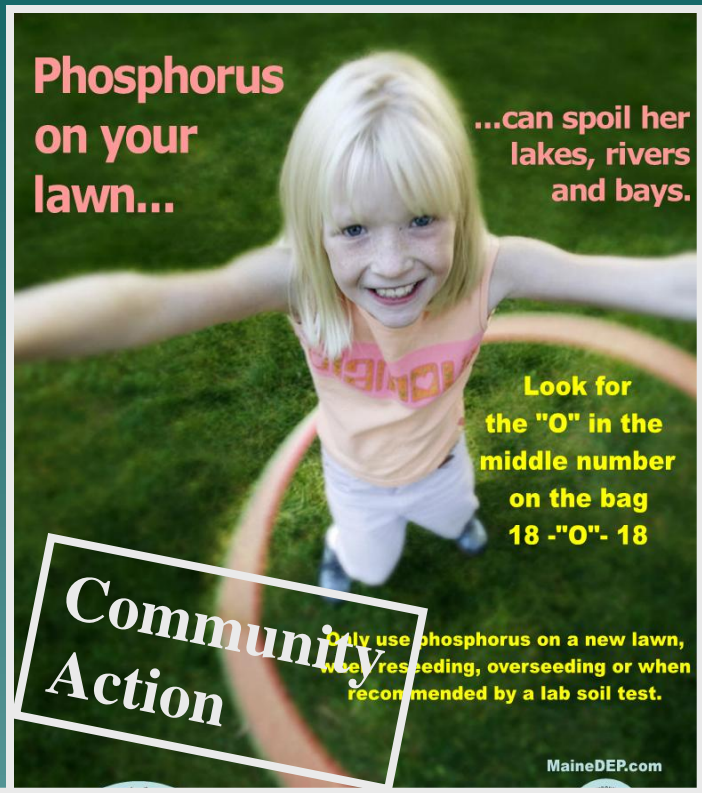


Moosehead Lake



*Our volunteers  
are valuable*

# *Our volunteers are needed now more than ever*



## **Watershed Protection**

**Maine sent responders and two oil skimmer boats to Panama City, Florida to help efforts to protect the gulf coast.**

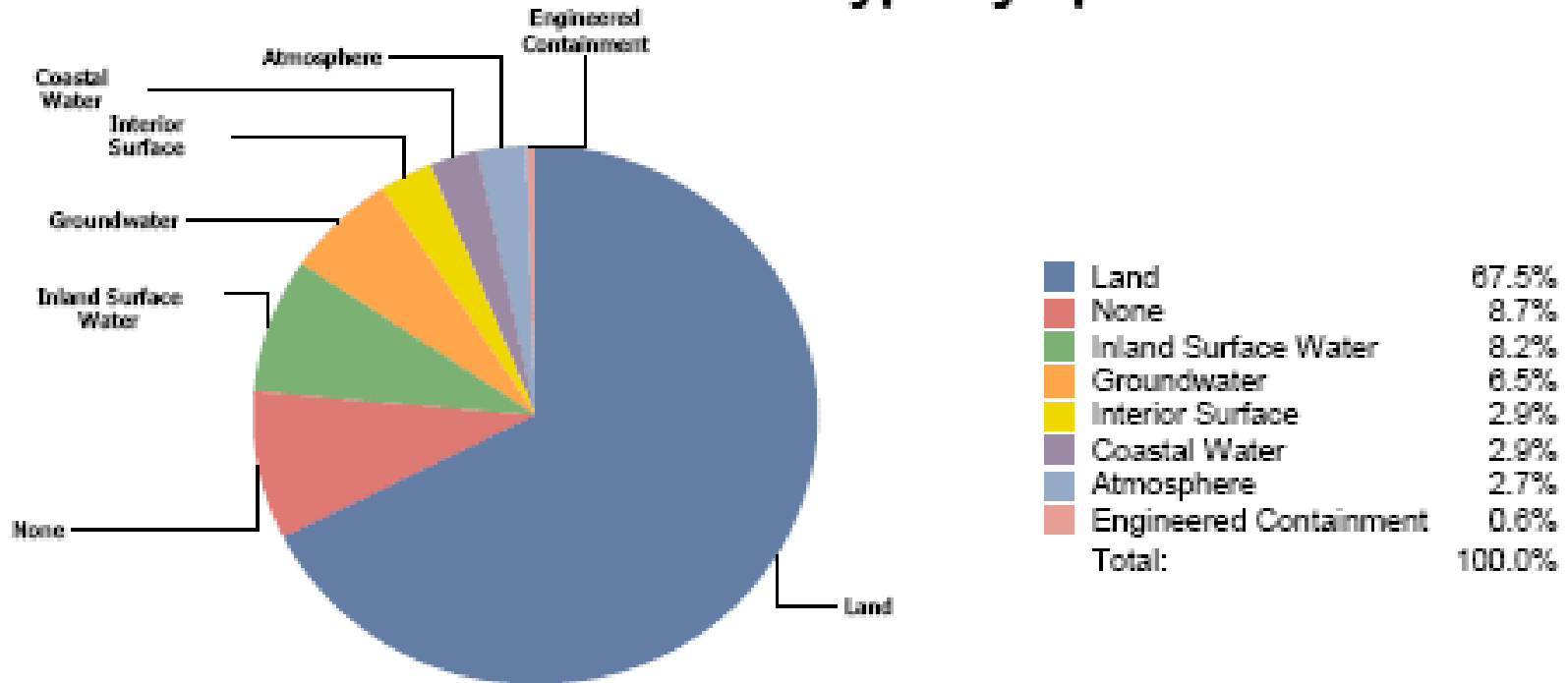


**Maine DEP oil skimmer**

**Stephen Brezinski, Andrea Lasselle,  
Barbara Parker, John Luongo, Jason Fish,  
David Flannery, Thomas Smith**

## Spill Reports Arranged by Contamination Type for 2000 - 2004

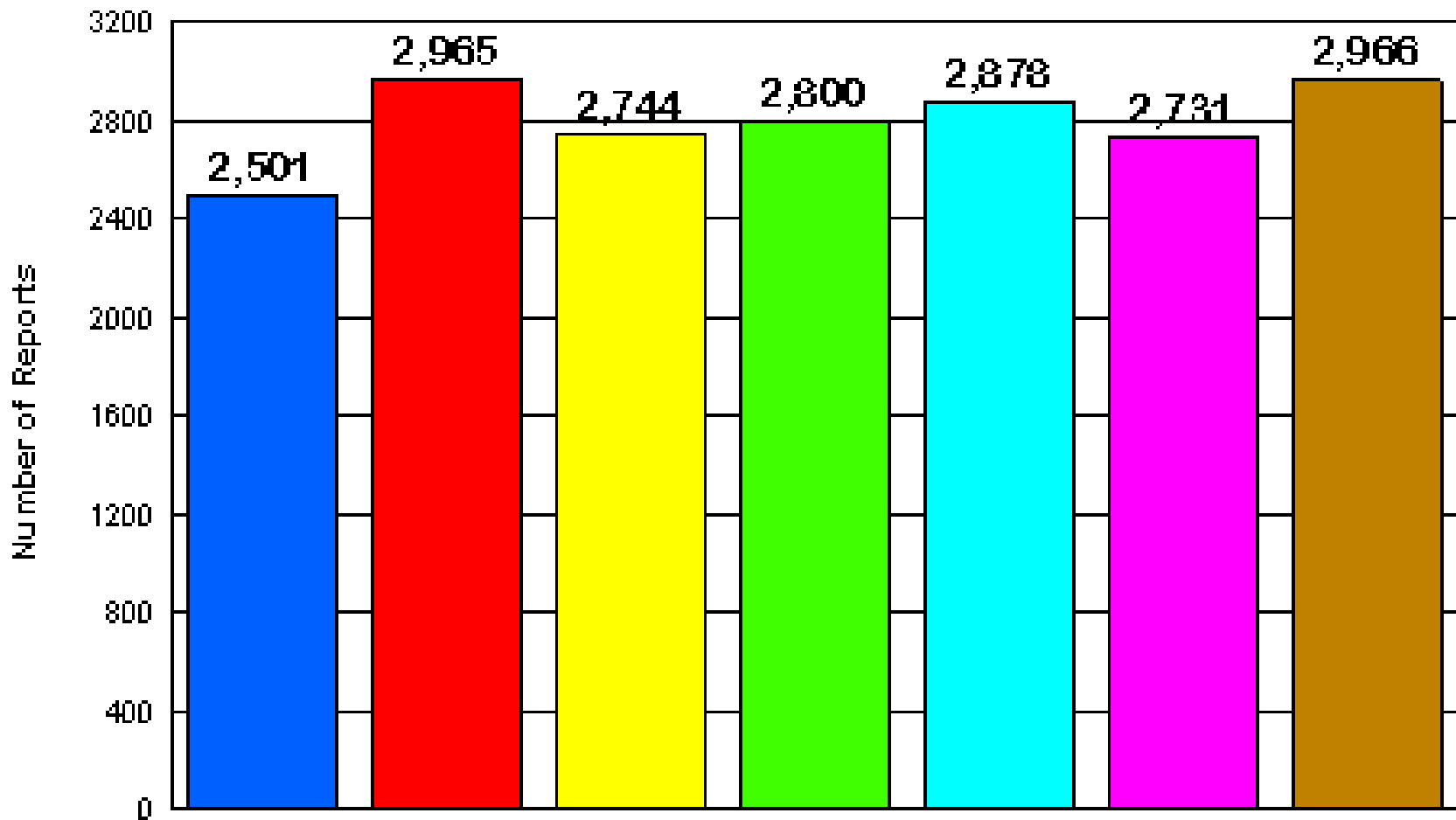
### Contamination Type by Spills



The number of Spill Reports reflected does not show the actual number of spills because one spill may have multiple mediums affected.

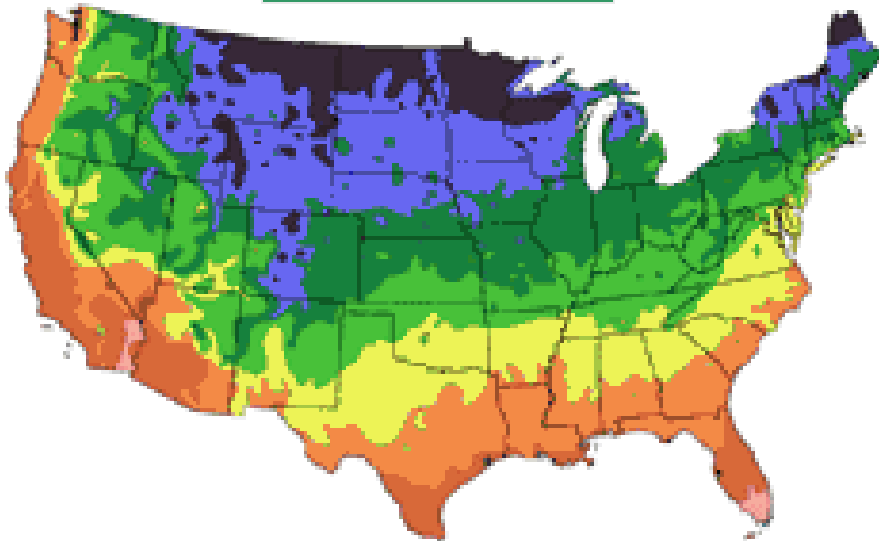


## Number of Spills Logged by Year



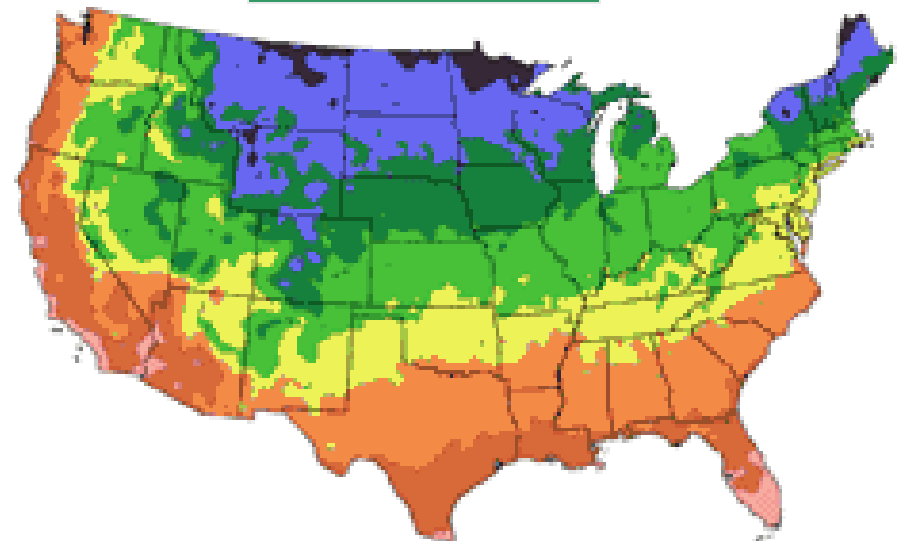
Logged Spills by Year and Spill Type for the years 200-2006

1990



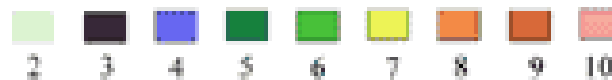
After USDA Plant Hardiness Zone Map, USDA Miscellaneous Publication No. 1475, Issued January 1990

2006



National Arbor Day Foundation Plant Hardiness Zone Map published in 2006.

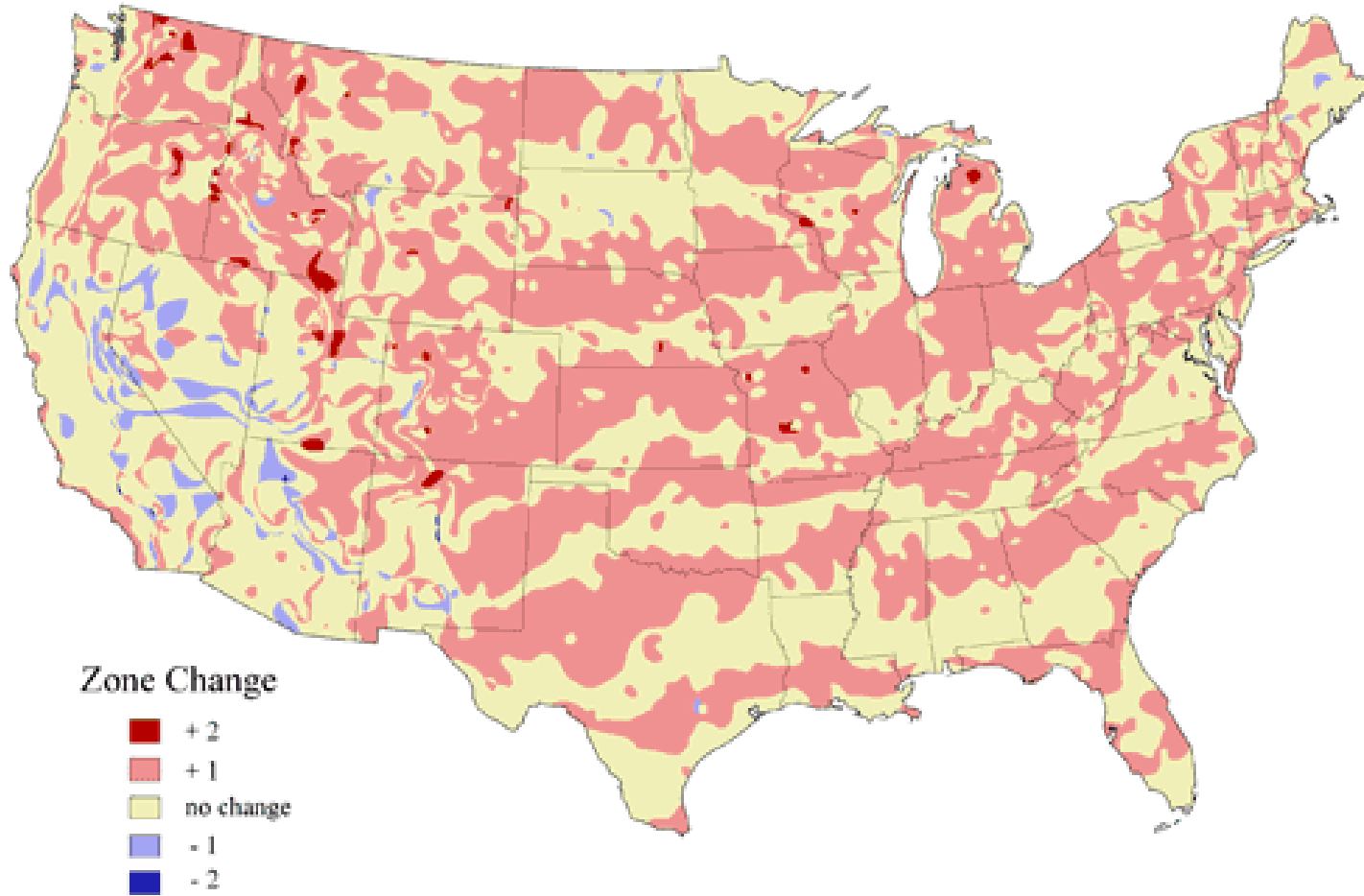
Zone



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National Arbor Day Foundation

**Differences between 1990 USDA hardiness zones and 2006 arborday.org hardiness zones reflect warmer climate**



# Significant Wildlife Habitat Rules



Viles Arboretum (Augusta)  
vernal pool

# Significant Wildlife Habitat Rules



Blue spotted salamander



Wood frog

# Significant Wildlife Habitat Rules



Migratory  
waterfowl



Wading bird



Shorebird



*Thanks to Our Volunteers :*  
*Maine People,*  
*Uncommon Value and Values*