



2009-2010 Snow Storms Report

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2009-2010 Snow Storm Report Overview

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- A photograph of a multi-lane highway during a snowstorm. The road is covered in snow, and the visibility is significantly reduced. In the distance, a green highway sign is visible above the road. The surrounding trees and landscape are also covered in snow, creating a hazy, white atmosphere.
- **Weather reports**
 - **Traveler Information**
 - **Budget and Expenses to Date**
 - **Pothole patching and debris removal**
 - **After Action Review**

2009-2010 Snow Storm Report

Weather Summary

Between December and February, Virginia had 4 major snow storms.

- December 18-19
- January 29
- February 5-6
- February 8-11



- Additionally, there have been many smaller, localized snow events in the mountains.

December 2009 Snow Storm

District	Max. Snow Total (County/City)
Bristol	16" (Scott)
Culpeper	23.5" (Madison)
Fredericksburg	20.5" (Stafford)
Hampton Roads	5" (Williamsburg)
Lynchburg	30" (Nelson)
NoVA	20.5" (Alexandria)
Richmond	18" (Hanover)
Salem	30" (Botetourt)
Staunton	28.8" (Augusta)



January 29th Storm

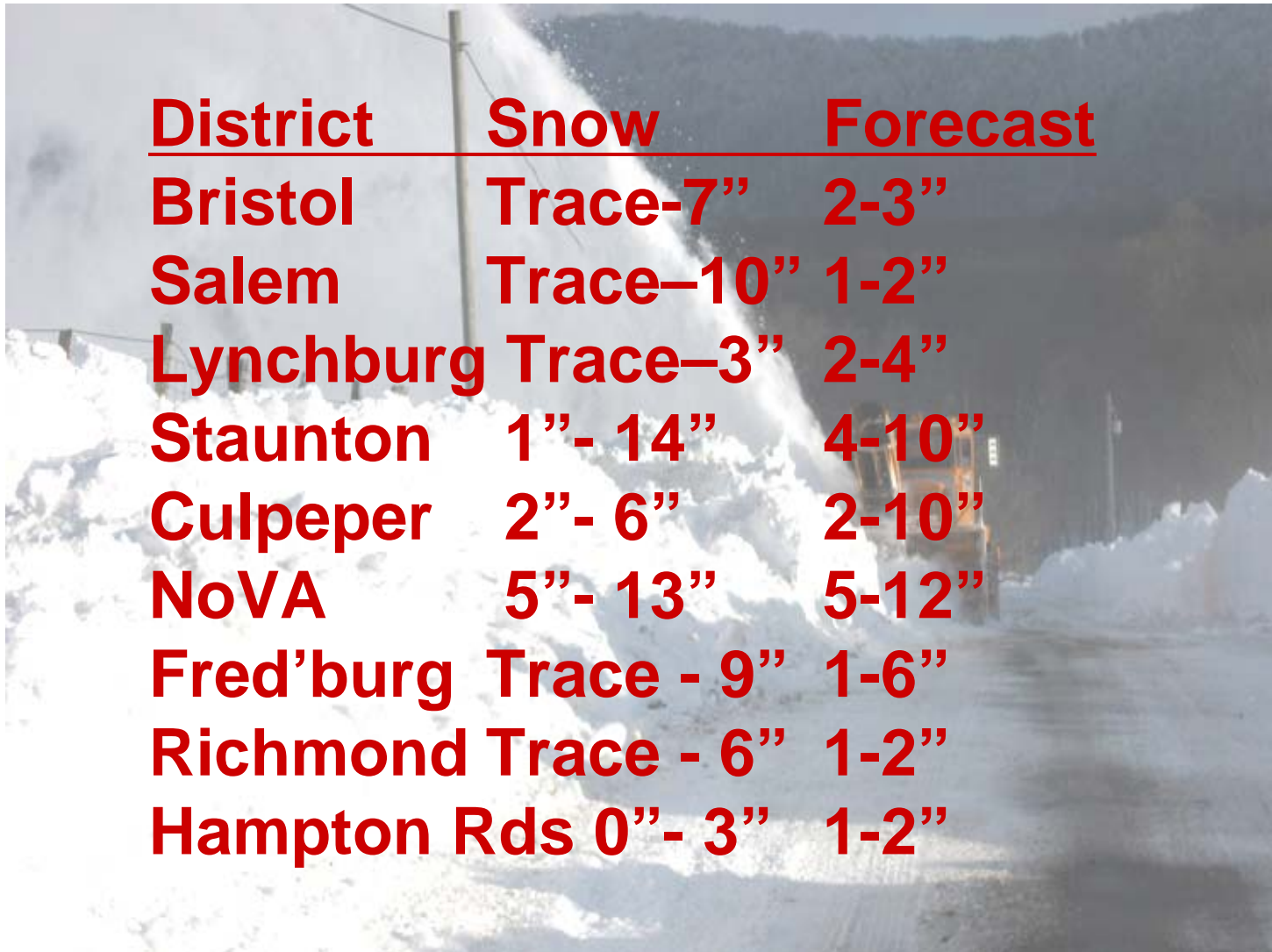


District	Snow Totals	Forecast
Bristol	7 – 11”	9 – 12”
Culpeper	5 – 12”	2 – 7”
Fredericksburg	8 – 18”	6 – 10”
H. Roads	5 – 12”	9 – 12”
Lynchburg	6 – 12”	8 – 12”
NoVA	4.5 - 7”	2 – 5”
Richmond	8 – 12”	8 – 12”
Salem	7 – 12”	10 – 14”
Staunton	6 – 9”	1 – 8”

Feb. 5 – 6 Storm

District	Snow Totals	Forecast
Bristol	Trace- 14"	1.5 – 4"
Salem	4"- 14"	2-16"
Lynchburg	1"- 14"	2-16"
Staunton	6"- 27"	16-22"
Culpeper	10"- 32"	16-22"
NoVA	20"- 34"	16-22"
Fredericksburg	3"- 14"	1.5-16"
Richmond	1"- 11"	2-16"
Hampton Roads	Trace- 8"	1.5-5"

Feb. 8 – 11 Storm



<u>District</u>	<u>Snow</u>	<u>Forecast</u>
Bristol	Trace-7"	2-3"
Salem	Trace-10"	1-2"
Lynchburg	Trace-3"	2-4"
Staunton	1" - 14"	4-10"
Culpeper	2" - 6"	2-10"
NoVA	5" - 13"	5-12"
Fred'burg	Trace - 9"	1-6"
Richmond	Trace - 6"	1-2"
Hampton Rds	0" - 3"	1-2"

Record Snow Accumulations



Snow Totals for all 4 Storms



Bath County Route 703

<u>District</u>	<u>Snow Totals</u>
Bristol	56"
Culpeper	78"
Fredericksburg	59"
Hampton Roads	23"
Lynchburg	59"
NoVA	74"
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Richmond	44"
Salem	66"
Staunton	77"

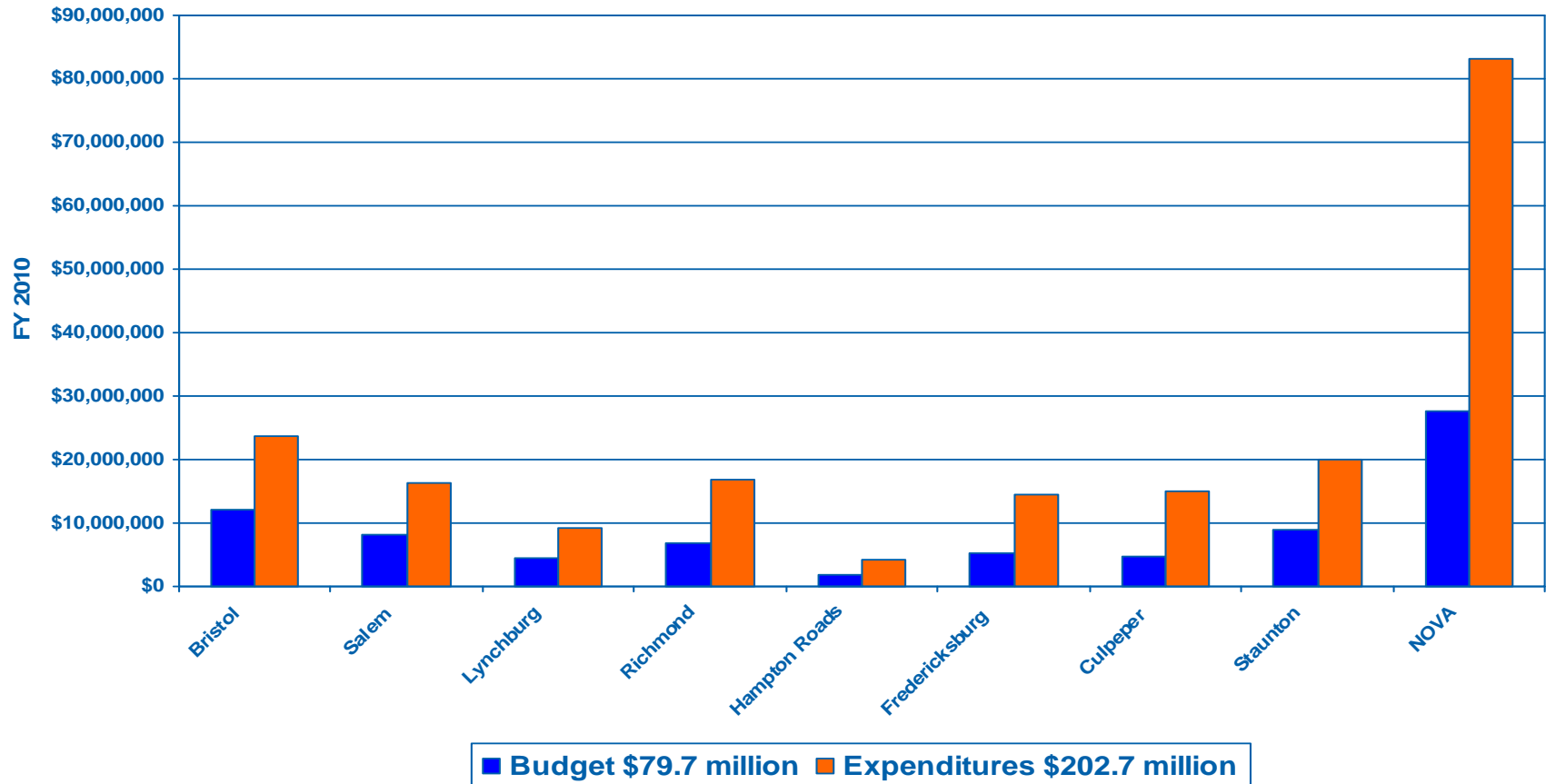
**** Accumulations broke the 1898-99 Record for accumulations to date.**

Traveler Information 511/1-800-367-ROAD

Date Helpline	Calls to 511	Highway
12/18/09	28,706	2,044
12/19/09	63,502	6,842
12/20/09	55,671	6,759
1/29/10	4,400	226
1/30/10	15,500	1,597
1/31/10	11,500	1,674
2/05/10	13,249	1,264
2/06/10	12,047	2,158
2/07/10	8,477	1,993
2/10/10	13,995	1,930
2/11/10	10,326	2,274
2/12/10	8,290	1,014



Snow Budget versus Expenditures by District (as of March 12, 2010)



Pot Hole Blitz

- **Governor declared VDOT's Number 1 priority for March is filling potholes.**
- **Crews across the state are actively filling pot holes.**
- **As of March 13, 55,000+ potholes have been filled.**
- **Public Outreach has been done to encouraging citizens to call.**
- **Citizens are contacting VDOT through the internet and by phone to report sites needing repair.**



Pot Holes filled as of 3-13-2010

District	Interstate	Primary	Secondary	Total
Bristol	0	2,369	4,782	7,151
Salem	0	576	2,014	2,590
Lynchburg	0	388	1,471	1,859
Richmond	118	1,471	4,625	6,214
Hampton Roads	0	3,185	2,177	5,362
Fredericksburg	0	1,047	1,758	2,805
Culpeper	74	375	3,151	3,600
Staunton	38	2,467	10,695	13,200
NOVA	0	1,906	1,270	3,176
TAMS Contracts	9,876	0	0	9,876
TOTALS	10,106	13,784	31,943	55,833

After Action Review

Communications

Materials

Equipment

TAMS

Crashes

Duty Officers

Partnerships



Summary

Worst winter weather in a century.

Took many creative actions to fight the storm

Worked with VDEM, VSP, VaNG and local governments

Estimated cost associated with these 4 storms is approximately \$203 million to date

- The December storm was declared by FEMA.**
- Working with VDEM and FEMA on cost recovery for those jurisdictions with historic snow totals**
- The three 2010 storms are still being evaluated by VDEM prior to submittal to FEMA**

More winter weather may be in store through the end of the month

We are ready for the next storm