



# VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT

## **Flooding in Virginia and West Virginia**

**Presentation to the  
Joint Subcommittee on Coastal Flooding**

July 6, 2016

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# 23 June 2016 - Severe Weather and Flooding

## Overview

Governor McAuliffe declared a state of emergency at 9:45 pm on 23 June in response to record flooding of the Jackson River in the City of Covington and Alleghany County. Flooding blocked several roadways, including portions of I-64 and isolated many parts of the county. Alleghany County, the City of Covington and Botetourt County issued local disaster declarations.

VIRGINIA

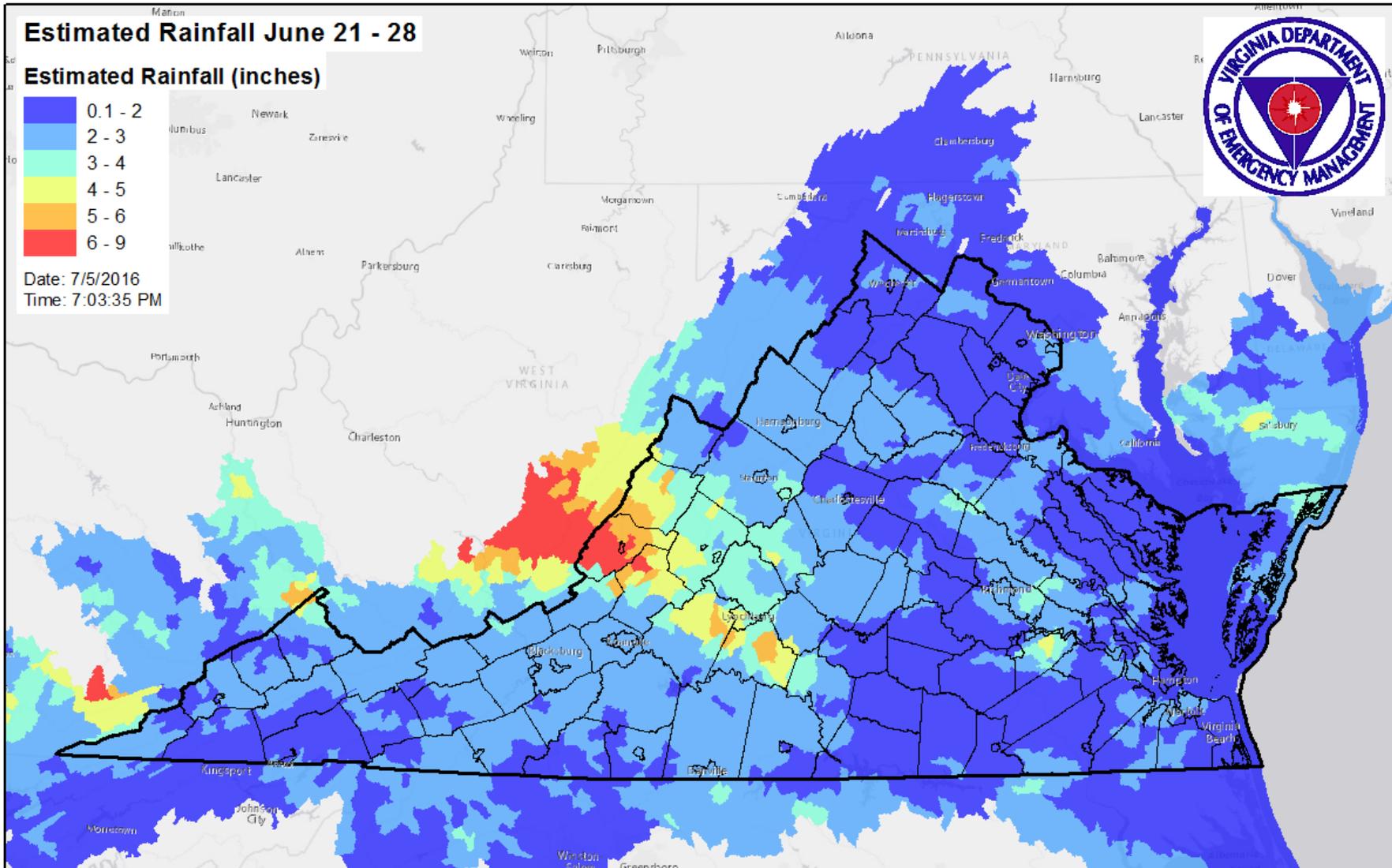


### Estimated Rainfall June 21 - 28

#### Estimated Rainfall (inches)



Date: 7/5/2016  
Time: 7:03:35 PM

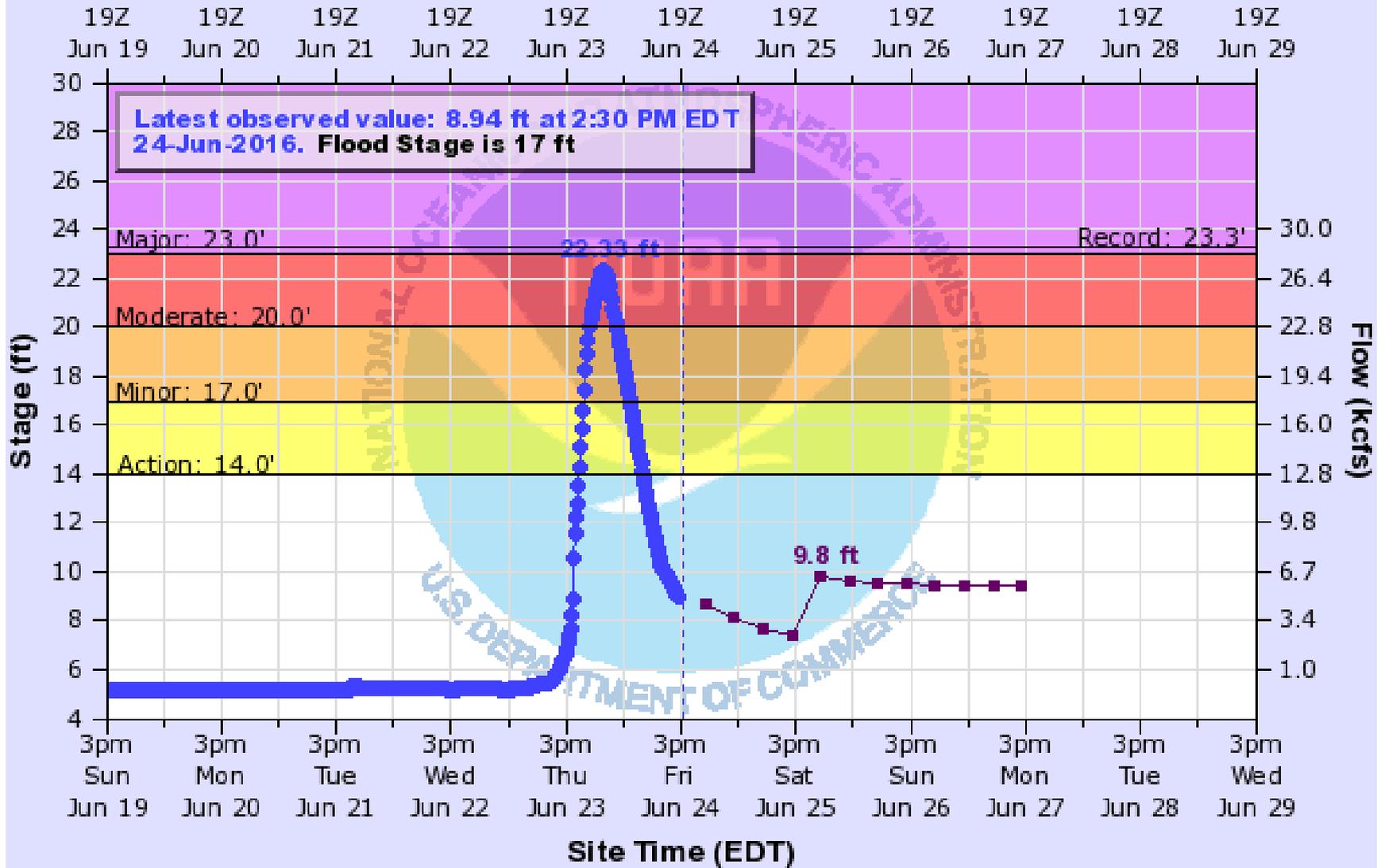




# VIRGINIA

## JACKSON RIVER AT COVINGTON

Universal Time (UTC)



**Latest observed value: 8.94 ft at 2:30 PM EDT 24-Jun-2016. Flood Stage is 17 ft**

--- Graph Created (3:04PM Jun 24, 2016)    ◆ Observed    ■ Forecast (issued 2:39PM Jun 24)



## Initial Damage Assessment (IDA) Estimates

Reporting Jurisdiction	Private Property					Estimated Dollar Loss to Private & Public Property
	Destroyed	Major	Minor	Affected	TOTAL	
Alleghany County	4	19	18	20	61	\$ 1,740,580
Covington City	0	11	12	41	64	\$ 955,000
Dickenson County	0	1	0	0	1	\$ 20,000

## Virginia Emergency Support Team (VEST) Response Efforts

- VNG** – 30 personnel deployed to Covington
- VDH** – Provided TDAP vaccines for residents, first responders, and volunteers
- VDOT** - Monitored road conditions
- VSP** – Deployed 2 swift water rescue teams
- VDEM** – Deployed 6 regional staff, Radio Communications Cache and the Central VA Incident Management Team

## Disaster Relief Funding Options

Federal Funding

### Small Business Administration (SBA) Loans

- If awarded, renters and homeowners may borrow up to \$40,000 to repair or replace clothing, furniture, cars or appliances damaged or destroyed in the disaster.
- Homeowners may borrow up to \$200,000 to repair or replace their primary residence to its pre-disaster condition.

State Funding

### State Public Assistance (Title 44-146.28)

- Total eligible costs must exceed \$4.00 *per capita* for cities and counties.
- Debris clearance costs are eligible.
- Insured losses and deductibles are *not* eligible.

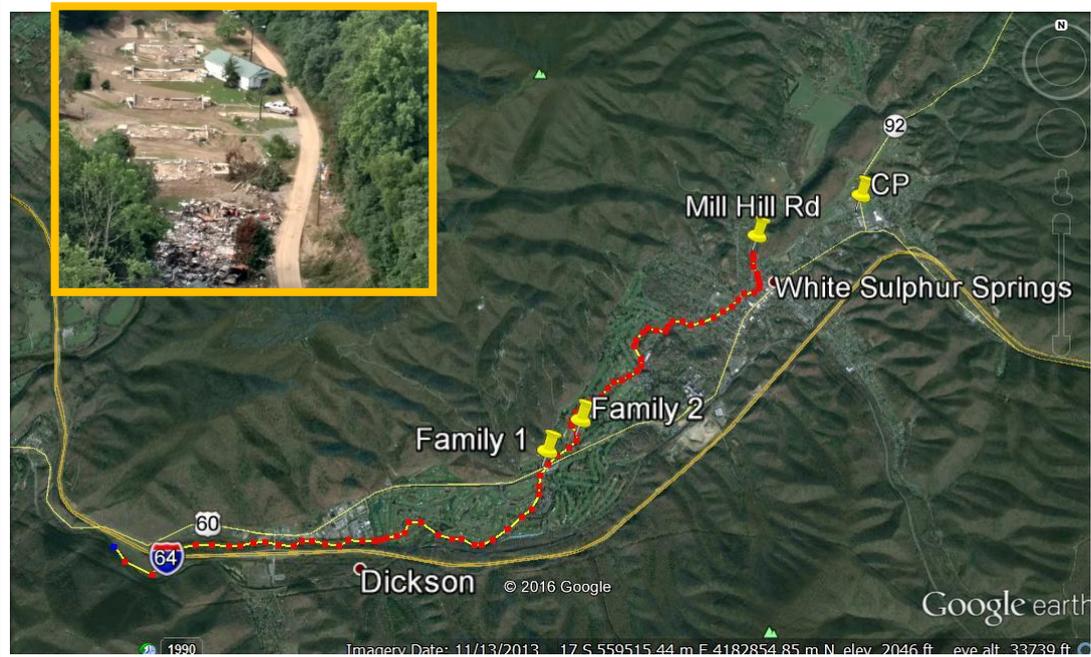
### Virginia Disaster Relief Fund (VDRF)

- The Fund awards **grants to** Virginia Voluntary Organizations Active in Disaster member **organizations** and other non-profit and faith-based organizations that have **proven track records of sustainable efforts helping communities rebuild.**



## Overview

- 22 confirmed fatalities, with an additional 1 missing presumed dead
- Estimated 3,800 homes damaged or destroyed, and approximately 231 businesses impacted with 48 of those destroyed.
- 3,500 residents displaced and living with family, in shelters, or other locations.



## SBA Economic Injury Disaster Loans

Alleghany, Bath, Craig, Giles, and Highland counties are contiguous to some of the most hard-hit West Virginia jurisdictions. Because of this, low interest loans will be offered to businesses and private non-profit organizations in those counties to repair or replace physical losses (up to \$2 million) or to meet working capital needs caused by the disaster. The City of Covington is not eligible for this assistance.

## EMAC SAR Missions in Support of West Virginia

### Deployments:

- 23 June 2016 - Swiftwater Rescue teams**
- Division 2 (Harrisonburg) swiftwater team
  - Division 4 (Bristol) swiftwater team

### **1 July 2016 – Wide Area Search**

- Ground search effort – recovery operation

### VDEM Resources (As of 5 July)

- Over 30 Virginia assets, including 6 canine teams

### Missions:

- **2 missing** from Mill Hill Road area since 23 June 2016 .
- Located remains of missing 34-year-old.
- Recovered two family members 2.1 miles from house.
- Due to impending weather, the search efforts were suspended late 2 July.
- VDEM resources may be requested when weather permits to resume the search for missing 14-year-old.



2015-2016

# STRATEGIC ROADMAP FOR EMERGENCY MANAGEMENT IN VIRGINIA

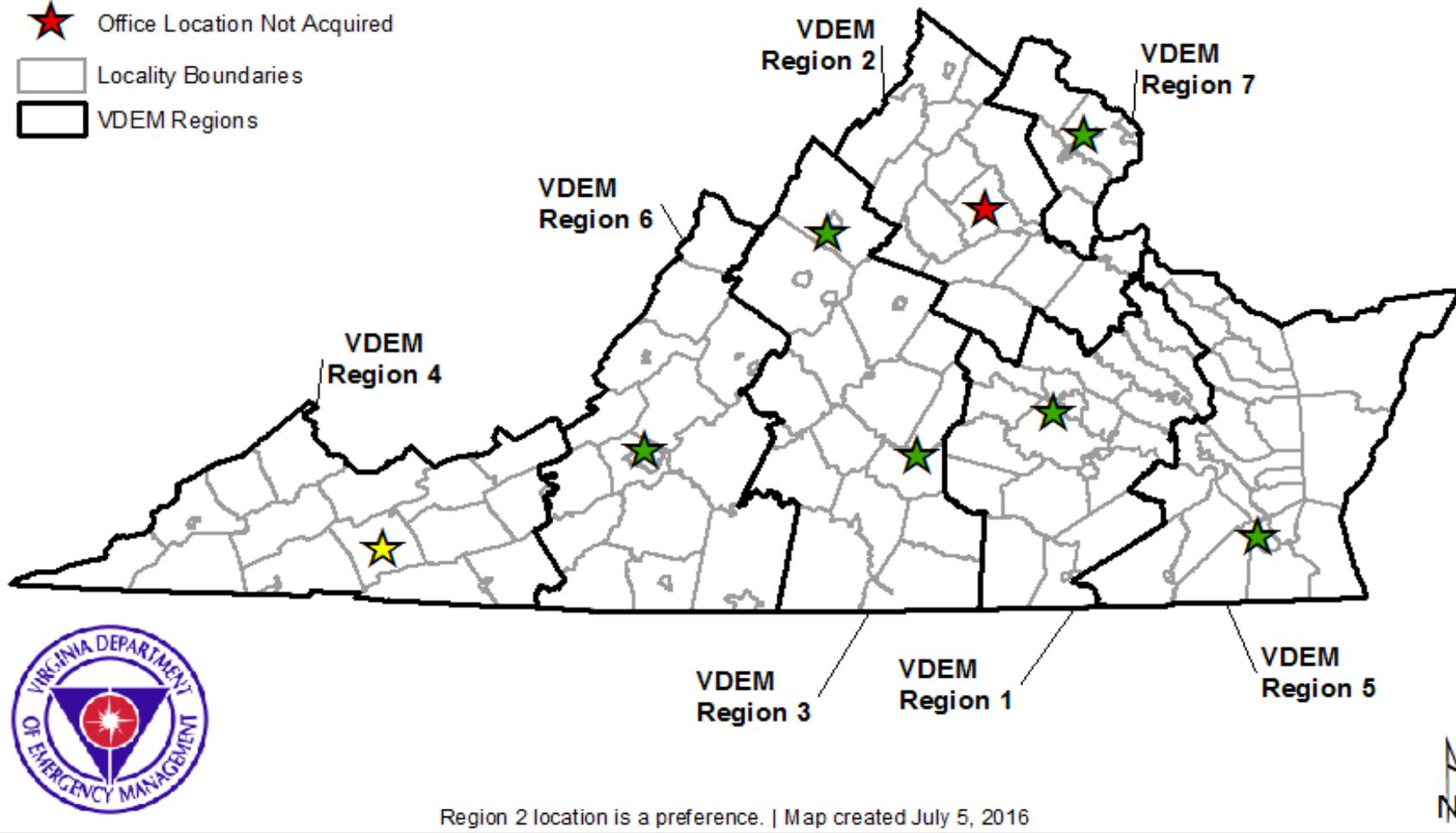
## OPERATING ENVIRONMENT & RISK SCAN (RISK = T | V | C)

**bakken crude** **ISIL** **hurricanes** **cybersecurity** **flooding**  
**ebola** **critical infrastructure** **state budget deficit**  
 citizens needing assistance **north anna** **tornados** **sea level rise**  
**surry** **hampton roads** **UASI**

CURRENT CAPABILITIES & APPROACH	GOVERNOR'S VISION FOR EMERGENCY MANAGEMENT	2015 GOALS	LONG-TERM GOALS
<p><b>GRANTS</b> Treated separately - SHSP, EMPG/LEMPG, HMEP, PSGP, DP, HMGP; limited/different strategy</p> <p><b>DEPLOYMENT POSTURE</b> Richmond/NCR-centric; VDEM silos; local &amp; state assets independent</p> <p><b>PROFESSIONAL DEVELOPMENT</b> OTJ</p> <p><b>SITUATIONAL AWARENESS</b> Tends toward descriptive ("this happened; happening")</p> <p><b>TRAINING, EXERCISES, PLANS, RESOURCES</b> Fragmented/competitive</p>	<p><b>QUICK, INTEGRATED RESPONSE</b></p> <p><b>STRATEGIC &amp; SUSTAINABLE PROGRAMS</b></p> <p><b>REGIONAL CAPACITY FOR DISASTER RESPONSE</b></p> <p><b>PROFESSIONAL DEVELOPMENT FOR EMERGENCY MANAGEMENT</b></p>	<p><b>VDEM SPECIFIC:</b></p> <p>VERT/VEOC more towards staffing rosters</p> <p>HQ reorganization to integrate divisional silos (Disaster Services &amp; Mission Support)</p> <p>Distribute resources &amp; build regional offices</p> <p><b>STATE-WIDE:</b></p> <p>SHSP grant revision (stakeholder driven &amp; transparent)</p> <p>Integrate all funding sources and strategic needs</p> <p>Count state &amp; local assets and establish deployment posture and "mission packages"</p>	<p><b>GROW NON-GRANT FUNDING SOURCES</b></p> <p><b>IMPROVE GRANT SOURCE AMOUNT</b> PSGP/UASI</p> <p><b>ENSURE PROGRAMS ARE SUSTAINABLE OVER TIME</b></p> <p><b>DEFINE, BUILD &amp; FUND BASELINE CAPABILITIES</b> For CBRNE/HAZMAT, Communications, Situational Awareness, Alert Warning Notifications, Incident Management, SAR, Planning, Fusion</p>

# VDEM Regional Office Locations & Status

- ★ Office Location Acquired
- ★ Office Location In Negotiations
- ★ Office Location Not Acquired
- Locality Boundaries
- VDEM Regions



Region 2 location is a preference. | Map created July 5, 2016



Grants

Federal Grant Program	Amount
Emergency Management Performance Grant	\$8,037,289
State Homeland Security Program	\$5,956,400
Port Security Grant	\$2,392,383
Flood Mitigation Assistance & Pre-Disaster Mitigation Grants	\$2,824,305
<b>TOTAL</b>	<b>\$19,210,377</b>