The Adjutant General for South Carolina, U.S. Army Maj. Gen. Robert E. Livingston, Jr. directs priorities and phases:

**Priorities**
- Search and Rescue
- Ground/ Air Extraction
- Protection of Infrastructure
- Emergency Restoration

**Phases**

**Pre-Surge Activities**
- Establish LNOs and Pre-position response assets
- Air/ Ground evacuation
- Critical Infrastructure Protection
- Shelter and Distribution Point Support

**Immediate Response**
- Search and Rescue
- Air/ Ground Evacuation/Extraction
- Critical Infrastructure Protection
- Shelter and Distribution Point Support
- Security Operations

**Post-Surge Activities**
- Damage Assessments
- Critical Infrastructure Protection
- Shelter and Distribution Point Support
- Security Operations
- Open Lines of Communication

**Emergency Restoration**
- Damage Assessment
- Hasty Repair
- Open Lines of Communication

1) First county mission executed: 3 OCT, more than 390 S.C. National Guard Soldiers mobilized to fill and transport 13,500 sandbags to 8 counties.
2) On 4 OCT, 700 S.C. National Guard personnel including swift water rescue assets from VA, TN and GA prepositioned for life saving response.
3) Early Afternoon 4 OCT, S.C. Helicopter Aquatic Rescue Team (SC-HART) conducts 25 hoist rescues/lives saved in 4 hours in Midlands.
4) From OCT 3-14+, the S.C. Military Department executed flood response operations, peaking between 8-11 OCT with over 4,100 personnel on the ground.

**Vehicle/Aircraft Assets used:**
- More than 300 LMTVs
- More than 170 HMMWs
- 9 UH-60 Black Hawks
- 3 LUH-72s
- 3 CH-47 Chinooks
- 4 Bridge boats
- 4 Fire Trucks
- More than 150 pieces Engineer Equipment
"Many of us spoke of Hugo as a defining moment in our state’s history, when we demonstrated to our nation the resiliency of South Carolinians. There is no doubt generations will again speak of the strength, character and compassion South Carolinians have shown the world through this historic flood event. When your state called, you were ready. I could never be more proud of the level of response and commitment you have shown your communities."

Historic Event Significance

- Called “1,000 year flood” - Epic event
- 11 Trillion gallons of rain water impacted Carolinas (1-5 OCT)
- 19 Citizens lost their lives, mostly due to traffic accidents and flood water related incidents on roads.

City of Columbia Canal Operation

- Canal primary used for controlled water supply to Water Treatment Facility for City of Columbia (30 MGD) and power generation
- Canal provides water for more than 80,000 people, with no real back up. The canal repair was a no fail mission.
- Levee constructed 1820s; headwater gates 1894 (Aged infrastructure)
- Levee breached 4 OCT 3.5 miles downstream of headwater gates
- Plans to construct Rock Dam upstream of levee breach
- Access to levee using aviation and dumping rock off 12th Street Bridge onto levee
- Over 12 agencies in response:
  - City of Columbia
  - South Carolina Electric and Gas (SCE&G)
  - S.C. Army National Guard
  - N.C. Army National Guard
  - State Guard
  - S.C Department of Transportation
  - Columbia Police and Department of Public Safety
  - Patriot Construction
  - D&J Machinery
  - Blanchard Mechanical
  - FERC
  - Khleinschmidt
  - Lockhart
  - Chao and Associates
- 2,500 loads of rock and more than 35,000 tons of rock hauled from 5-12 OCT
- 560 1 ton rock bags filled by hand
- 600 1 ton sand bags filled
- Over 72,000 small sandbags filled
- Sandbags & temp frames blocked old headwater gates to reduce flowrate.
- Temporary pumps installed into river; multiple power distribution & data line on levee re-routed
- Canal closed Monday 12 OCT; crisis averted
- Water restrictions lifted 14 OCT