

# Palmetto System - Data Layers Information

## GIS Data Layers

Data	Data Layer Types	Source	Location
Agriculture	Food processing, animal processing, and crop data	SC DHEC / FEMA Hazus / Homeland Security Infrastructure Program (HSIP) / Association of Zoos and Aquariums	Statewide
Business and Industry	Pharmacies, Big Box Stores, Restaurants, Funeral Homes	SCEMD / SC PRT / Private Businesses	Statewide
Communication	Radio Stations, TV Stations, ETV microwave locations, LGR towers, LGR coverage areas	SCEMD / SC ETV / SC Broadcasters Association	Statewide
Dam	Dam locations, high-hazard dam sites and emergency related information (evacuation zones and routes, inundation layers, etc.)	SC DHEC / National Inventory of Dams / Provided by Dam Operator	Statewide
Earthquake	Faults, Historical EQ epicenters, geological features, physiography, and soil data	College of Charleston / SC Geologic Survey / USGS / Central US Earthquake Consortium	Statewide
Education	Facility locations (public, private, college/university, technical colleges and daycares)	Homeland Security Infrastructure Program (HSIP)	Statewide
Emergency Management	EOC (state and county) locations	SCEMD / Homeland Security Infrastructure Program (HSIP)	Statewide
Fire	Station locations, burn sites, active fires	SCEMD / SC Forestry / Homeland Security Infrastructure Program (HSIP) / DHEC	Statewide
Fixed Nuclear Facility	Nuclear site locations, evacuation zones, evacuation routes, Ingestion Pathway zones, Emergency Protection Zones, KI Distribution locations, and response data	SCEMD / Provided by Nuclear Power Plant	50 mile radius around Nuclear Power Plants
Health and Medical	Hospital locations, DHEC regulated medical facilities, Dept. Mental Health facility locations, residential child facilities, EMS, DDSN Centers, Dialysis, and cementaries	SC DHEC / FEMA Hazus	Statewide

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Hurricane	SLOSH by category storm, evacuation routes, evacuation zones, fuel stops, shelters, Special Medical Need sheleters, Traffic Control Points	SCEMD	Coastal Counties
Hydrology and Flooding	Hydrology, gauge locations, water bodies, watersheds, river basins, floodplains	FEMA DFIRM / USC / SC DNR / SC DHEC / Homeland Security Infrastructure Program (HSIP)	Statewide
Jurisdictional Boundary	County boundaries, city limits, state outline	Homeland Security Infrastructure Program (HSIP)	Statewide
Law Enforcement	Locations of ATF, FBI, Fish and Wildlife, Park Rangers, ICE, Customs and Border Prodtecton, Postal Inspectors, Secret Service, and State HP, SLED, and PPP facilities	SLED / Homeland Security Infrastructure Program (HSIP)	Statewide
Logistical	Staging areas	SCEMD / SC DHEC / FEMA	Statewide
Military	National Guard armories	SC National Guard	Statewide
Population	Census/Demographic data	US Census / ESRI Enhanced Data	Statewide
Search and Rescue	Grids	US National Grid / Civil Air Patrol	Statewide
Region Data	State Agency and Non-Profit regional divisions	SCEMD /SC DHEC / SLED / VOADs / FEMA	Statewide
Traffic	Traffic congension, traffic impediments	SCDOT 511 / ESRI	Statewide
Transportation	Airports, ports, boat ramps, DOT locations, rest areas, mile markers, bridges, railroads and rail bridges, and railroad infrastructure	SC DOT / Homeland Security Infrastructure Program (HSIP)	Statewide
Utility	Landfills, Recycling locations, SCWARN members, Potable Water Sites, Waste Water sites	FEMA Hazus / Power Providers / SC DHEC / SC Water - Wastewater Agency Response / EPA	Statewide
Weather	Weather radar imagery	NOAA	Statewide

## Palmetto System - Data Layers Information

### Palmetto Data Feeds

<b>Feed</b>	<b>Source</b>	<b>Location</b>
DOT Cameras	SC DOT	Statewide
Highway Patrol 911 (CAD)	SC DPS	Statewide
Utility Outages	Electric Cooperatives (approx. 30, SCANA, Duke Energy, and Santee Cooper)	By Utility coverage area
Road and Bridge Closures	SCDOT	Statewide

## Palmetto System - Data Layers Information

### User Input Form

Input Form	Details
After Action Reports	Log areas where improvement can be made in the future
County Government Closures	Status of Government (open, closed, delayed opening, early dismissal)
County Indicators	(OPCON Status, Activation Staffing level, infrastructure damage, public facility damage, and comments section)
County Mutual Aid	Database of deployable resources that may be available via mutual aid
Debris Sites	Enter location of debris sites (county level)
Disaster Recovery Centers	Enter Centers as they are approved/opened
Donations	Enter donated goods available for the emergency
Event Journal	Groups can share actions taken or important incident information with each other
Fire Staging Points	Enter locations of fire equipment staging areas
Incident Command System (ICS) Forms	Under construction - ability to fill out ICS forms and capture relevant responder data at incidents
Potassium Iodine (KI)	Tracks units on hand by location for Nuclear incident response
Mass Feeding	Tracks meals distributed by Voluntary Agencies in disaster
Mutual Aid Channels	Records organizations using mutual aid radio channels
Point of Distribution	Enter information on Points of Distribution that are opened for an incident (status, commodities, hours of operation, etc)
Position Log	Responder/Emergency Manager interface to journal internal actions/activities during an incident
Public Information	Record press releases, media interviews, EAS messages, and fact sheets
Resource Request	Tracks resource request from counties and state agencies. Documents actions taken and costs associated with requests.
Shelters	Database of shelters with the ability to record details (open, closed, occupancy, etc) and add new shelters.
Significant Events	Records and maps important disaster information
Volunteers	Enter volunteers willing to assist in a disaster
Water Utilities	Enter local water utility outages