

Kansas Local Emergency Operations Plan

Mapping Annex Guide

OPTIONAL, BUT BENEFICIAL MAP

1. Earthquake Faults Map, if applicable
 - Earthquake fault lines (Kansas Geologic Survey)
 - Historic Earthquakes (USGS)
 - Earthquake – Probabilistic Seismic Hazard (US Dept of Transportation)
2. Floodplain Map (dFIRM or FIRM), if applicable
 - Flood insurance rate map layers (dFIRM)
3. Climate Map (still determining what data layers need to be a part of this map)
4. Public Transportation Map
 - Airports/Helipads (Various – FAA, KDOT)
 - Bus stations
 - Train stations (National Transportation Atlas Database)
5. Bridge Map
 - Bridge locations
 - Federal, State, and Local
 - ✓ Include weights/heights/type [KDOT]
 - Local structures – culverts, small structures [local highway depts]
6. Vulnerable Need Populations Map
 - Adult/Child Day Care Centers
 - Educational Institutions
 - Long term care facilities
 - Assisted living centers
 - Nursing facilities
 - Development services housing
 - Psychiatric facilities
 - Hospitals
 - Include trauma levels and bed count
7. Mass Media Communications Map
 - TV broadcast coverage area
 - Radio station coverage area
 - Print media coverage area
 - Include distribution - daily/weekly
 - Tower locations
 - TV broadcasting
 - Radio broadcasting
 - Print media locations
 - ✓ Include languages printed in
8. Responder Communication Assets and Coverage Map
 - Warning siren locations – have some
 - Warning siren coverage area
 - Cellular coverage areas
 - Cellular sectors
 - 911/Communication Center locations
 - backup sites
 - Tower locations
 - Cellular
 - 800 MHz (KDOT)
 - Unknown use (vacant)
 - Amateur radio operator locations
 - Storm spotter locations
 - Participating TERT agencies
9. Solid Waste Map
 - Pre-identified temporary Landfill locations (if applicable)
 - Waste transfer station locations
 - Refuse collection company locations
10. Wastewater System Map
 - Wastewater treatment plant locations
 - Wastewater lines

11. Water System Map
 - Water treatment plant locations
 - Water Tower locations [NOTE: Include all water storage locations]
 - Water distribution lines
 - Water well locations
12. Storm Water System Map
 - Storm water lines
 - Storm water outfalls
13. Public Works Assets and Resources Map
 - Public Works facilities (including equipment yards) – have some
 - Sub-stations
14. Firefighting Assets Map
 - Water collection locations
 - Hydrants
 - Ponds
 - Companies
 - Cache
 - Irrigation wells
 - Participating FORCE agencies
15. Emergency Management Assets Map
 - Emergency Management Office(s)
 - EOC(s)
 - COOP location(s)
 - Donation Management Sites
 - Volunteer Reception Center Sites
 - if different than donation management
 - Community Emergency Response Team (CERT) member locations
 - work and home
 - Community Animal Response Team (CART) member locations
 - work and home
 - Volunteer Organizations Active in Disasters (VOAD) member locations
 - work and home
16. Human Mass Care Map
 - Local reception and care facility locations
 - Temporary shelter locations
 - ADA compliant
 - Capacity chart
 - Warming/Cooling center locations
 - Alternate Care Site locations [NOTE: for hospital relocation]
 - Facilities offering resources [NOTE: for building use and/or equipment use]
 - Red Cross offices
 - Red Cross coverage areas
 - Points of Dispensing (PODS) – Medical
 - Medical Reserve Corps team member locations (if applicable)
17. Pet Mass Care Map
 - Animal shelter locations – have some
 - Include type of animal and capacity
 - Animal control office locations – have some
 - Include kill/no kill and crematorium
 - Pet supply stores
18. Logistic Support Assets Map
 - Restaurant locations-have some
 - Lodging locations (motels/hotels) -have some
 - Grocery store/Convenience store locations-have some
 - Ice Suppliers
 - Hardware Store/Lumber Yard locations-have some
 - Rental stores-have some
 - Heavy Equipment contractors-have some
19. Mass Fatality Assets Map
 - Temporary morgue locations
 - Cold storage truck companies
 - Funeral Home locations
 - Include capacity
 - Crematory locations

20. Health and Medical Provider Locations Map

- Pharmacy locations-have some
- Mental health provider locations-have some
- Behavioral health center locations-have some
- Durable medical equipment suppliers-have some
- Doctor office locations-have some
- Dentist office locations-have some
- Health department locations
- Health clinic locations-have some
- EMS station locations
- EMS service boundaries – have some
- Critical Incident Stress Management (CISM) team locations
- Air ambulance zones
- Participating MERGe agencies

21. Search and Rescue Assets Map

- SAR Team locations (statewide & locally trained)
- Search and Rescue canine and team locations
- Civil Air Patrol locations

22. Storm Shelters Map

- Public Storm Shelters
- Private Storm Shelters

23. Oil and Chemical Production and Storage Sites Map

- Gas and oil well locations
- Radiological source locations

24. Hazardous Materials Response Assets Maps

- Hazmat team locations – have state fire marshal teams
- Decontamination locations

25. Land Cover Map

- Land Cover

26. Historic and Sensitive Sites Map

- Historic sites
- Archeological sites
- Protected/endangered species locations
- Whooping crane corridor
- Wildlife Refuges/State and Federal Parks

27. Agriculture Producers Map

- Livestock concentration sites
 - swine, cattle, poultry, sheep, goats, horses, dairy, elk, exotic, game birds

28. Food Safety Producers Map

- Rendering plants
- Meat packing plants
 - including custom
- Grain elevators
- Livestock markets

29. Agricultural Response Assets Map

- Pre-determined burial sites [KDHE]
- Animal feed suppliers
- Livestock receiving sites
- Veterinarian clinics - have some
- Fairgrounds
- Stop movement locations
- Pet stores

30. Electrical Supply Map

- Priority restoration sites
- Electric substations and power plants-have some
- Electric transmission lines (distribution lines) -have some
- Wind farms-have some
 - Transmission lines
 - Turbines
 - Wind Energy Conversion (WEC) – privately owned
- Critical/Essential Facilities with back-up generators-have some
 - Include requirements

31. Natural Gas Distribution Map
 - Gas distribution lines-have some
32. Fueling Locations Map
 - Gas stations-have some
33. Public Safety and Security Assets Map
 - Private security providers locations
 - Correctional facilities
 - Tactical Response team locations (include type)
 - EODs
 - Bomb Squads
 - K-9 asset locations (include type)
 - National Guard sites
 - Participating LEAD agencies
34. Long Term Recovery Map
 - Economic Development offices and areas
 - Rural County Development districts
35. External Affairs and Public Information Assets Map
 - Fixed Message Boards
 - Predetermined Media Staging Areas
 - Joint Information Center locations and alternates
36. Dam Inundation Maps (one for each dam with safety plan) – will NOT be a part of LEOPard as they are usually not in GIS format.