

Profile of Hazard Events

- ⇒ Attached, with some updates, is the Historical Hazard Information gathered by the Emergency Management Agency and originally submitted on August 16, 2002.
- ⇒ Additionally, the Hazard Prevention Subcommittee has brought their own expertise and knowledge regarding the hazards, which affect Summit County.
- ⇒ Northeast Ohio Four County Regional Planning and Development Organization, Joe Hadley, and Akron Metropolitan Area Transportation Study, John Palagyi, provided population perspectives, as well as important county profile information, which is included in our report.
- ⇒ The Summit County Office of Community and Economic Development has provided essential mapping information for this project.
- ⇒ The Emergency Management Agency has provided continuous research into the hazards that have been identified. A summary of the additional data gathered for each hazard is attached.

Land Slide/Subsidence

Emergency Management had discussion with the Ohio Department of Natural Resources, Division of Mineral Resource Management, who provided the last three years of subsidence complaints for Summit County. The Department of Natural Resources, Division of Geological Survey, made mapping options available and described the nature of the hazard in Summit County. The Ohio Fair Plan Underwriting Association provided Mine Subsidence Claims in Summit County. The Ohio Division of Water provided a national landslide map, http://landslides.usgs.gov/html_files/landslides/nationalmap/click.html. Dave White, Summit County Engineer's Office, provided the county's landslide inventory. Dave Ritter, Summit County Soil and Water Conservation District, provided state contacts and brochures. Mapping data to identify abandoned mines, buildings, parcels and census blocks that intersect with soil prone to sliding.

Drought

Emergency Management had discussion with Edrice Robinson-Wyatt, OSU Extension Service, Ohio Department of Agriculture, Statistic Division, the Summit-Portage Farm Service and Rural Development regarding the effects of drought on agriculture. Additional data was obtained from the following websites
www4.ncdc.gov/cgi-win/wwcgi.dll?wwEvent~storms,

http://www.drought.unl.edu/error_files/ndmc_redirect.htm,
www.erh.noaa.gov/er/iln.ess.htm,
www.nass.usda.gov/oh

Tornados and Severe Storms

In addition to the NOAA web site, historical maps of Hail Days Per Year (1980-1994), F4 Days Per Year (1921-1995), Wind (65 kts or more) Days Per Year (1980-1994) and Significant (F2 or greater) Tornado Days Per Century (1921-1995).

Wild Fire and Structural Fire

Web research can be found at www.fs.fed.us/land/wfas/

Infectious Disease

Emergency Management had discussion with both the Akron and Summit County Health Departments regarding past outbreaks, which may have reached disaster levels. Both health departments stated, that in the last 10 to 20 years, there has been nothing significant that went beyond their normal mutual aid, involving the state and the Center for Disease Control. Basic information was provided by the Summit County Health Department. Any additional information was obtained from the Center for Disease Control's website at www.cdc.gov

Earthquake

The majority of our information was obtained from Candace Sherry, Ohio Emergency Management Agency, including a summary of Ohio's earthquake hazards and historical maps. Additional information was obtained from:
www.ohiodnr.com/geosurvey/geo_fact/geo_fo3.htm
<http://geohazards.cr.usgs.gov/eq/pubmaps/US.pga.050.map.gif>

Flood and Dam Failures

In addition to the historical data, mapping was done to identify buildings, parcels and census blocks in the flood plain. We have received copies of the dam plans from the Ohio Department of Natural Resources, Division of Water. We have also mapped class I, II and III dams.

Winter Storms

In addition to the historical data, information background information was obtained from the NOAA and OEMA web sites.

Transportation

John Palagyi, Akron Metropolitan Area Transportation Study, provided an up to date summary of Summit County's Transportation Systems. Emergency Management met with this organization to review available data tracks. They also reviewed railroad mapping and made up dates and corrections.

Civil Disturbance

In addition to the historical data, cost estimates have been obtained from the City of Akron Health Department, Service Department, Fire Department, Police Department, the Summit County Sheriff's Office and The University of Akron, on costs incurred during riots at the University.

Terrorist Incidents

Data regarding this hazard is also kept by the law enforcement representatives of the Akron/Summit County Domestic Preparedness Taskforce.

Hazardous Material Incidents

We are currently working with our GIS Department to transfer data from CAMEO to identify extremely hazardous substance facilities on the mitigation mapping.

Utility Disruptions

Mapping includes public utilities, culverts, cell towers, pipelines, service buildings, sewage system, wastewater treatment plants, valve stations and pump stations.

Mapping also includes EMS stations, medical centers, airports, tourist sites, community centers/libraries, schools, outdoor warning sirens, churches, watersheds and government buildings.