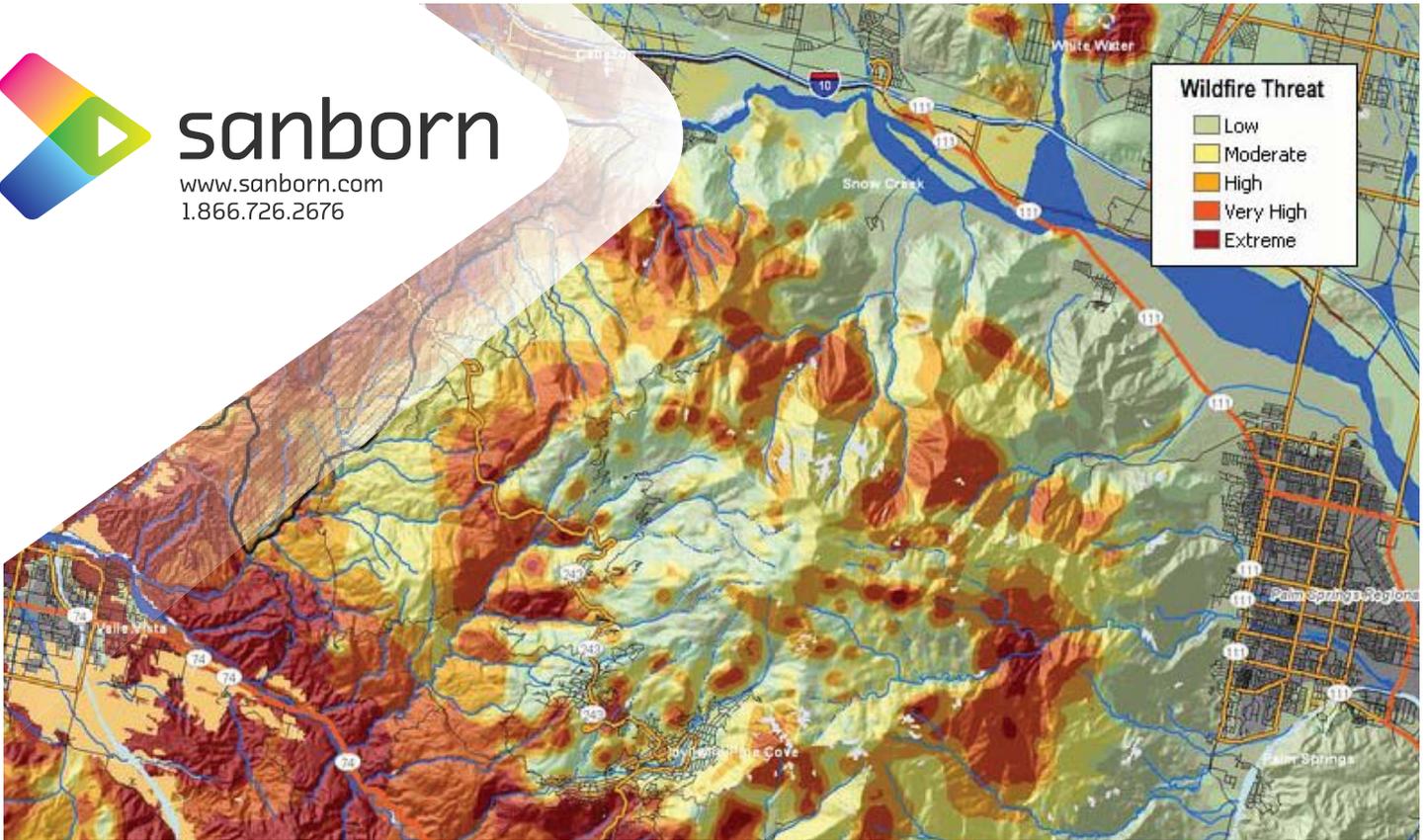




sanborn

www.sanborn.com
1.866.726.2676



Sanborn Wildfire Risk Information Product

CWPP Compatible Wildfire Risk Information Mapping

Designed to meet Community Wildfire Protection Plan (CWPP) development requirements, Sanborn provides quantifiable risk measures of wildfire threat, historical fire occurrence, and fuel hazards. The Wildfire Risk Information product is a set of thematic maps that describe the level of wildfire risk on a per pixel basis. This product satisfies a requirement to help fire prevention specialists, wildland-urban interface coordinators, and fire planners develop prevention and mitigation activities to reduce the risk to the public and property.

Identifying and prioritizing areas for hazardous fuel reduction treatments to reduce community risk is a current priority for all federal, state, and local government agencies as well as many individual communities. This product identifies where wildfire is most likely to occur and is used to plan and schedule mitigation efforts for hazardous fuels treatments, to promote prevention, and optimize firefighting resource locations.

Who benefits from Wildfire Risk Information?

When planning for mitigation projects and response resources, Sanborn's Wildfire Risk Information product allows communities and local fire agencies to identify those communities and areas most at risk to wildfire. Wildfire risk information product is an ideal source of risk information for many agencies including:

- Local communities, cities, and municipalities
- County governments
- Fire Safe Councils / Fire Protection Districts
- City, county, and state Emergency services

Wildfire Risk Information applications:

- Identify areas and communities most at risk for wildfire activity
- Hazardous fuels reduction and mitigation project planning
- Identify prevention priorities
- Communicate wildfire risk concerns using qualified information
- Quantify the reduction in risk due to mitigation projects
- Optimize resources planning and positioning
- Budget planning and resource decisions

Product description

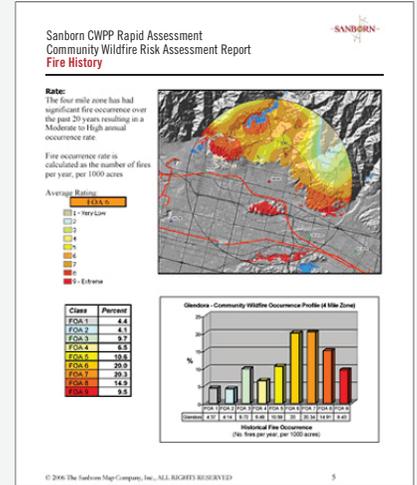
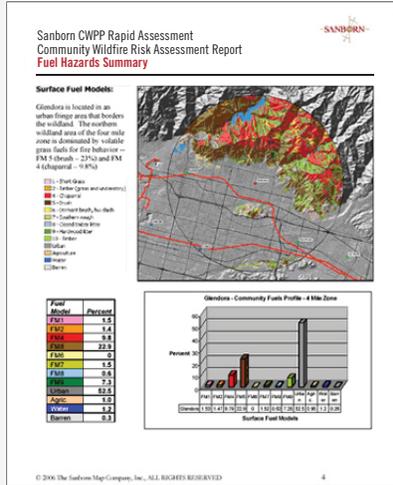
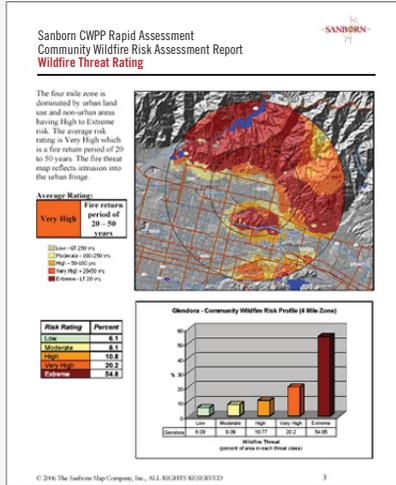
Wildfire threat, described as the probability of a wildfire occurring by either starting in an area or burning into an area, is the primary measure of risk. Specifically designed to meet Community Wildfire Protection Plan development requirements, this product provides quantifiable risk measures of fuel hazards, historical fire occurrence, and wildfire threat. Classified from low to extreme, the data offers a set of thematic GIS maps that defines the

annual likelihood of a wildfire occurring, and a community risk assessment summary report that will more effectively describe the fire situation within a community. This information provides the basis for mitigation and prevention activities and satisfies all CWPP requirements. Sanborn's product provides summary wildfire risk information for an area of interest that visually reveals the current risk situation from which a fire professional can assess and make recommendations regarding protection and risk-reduction priorities, such as:

- Populated areas at risk to wildfire
- Critical manmade infrastructure
- Areas of volatile and hazardous fuels
- Historical wildfire occurrence
- Areas prone to igniting, due to man made or natural causes

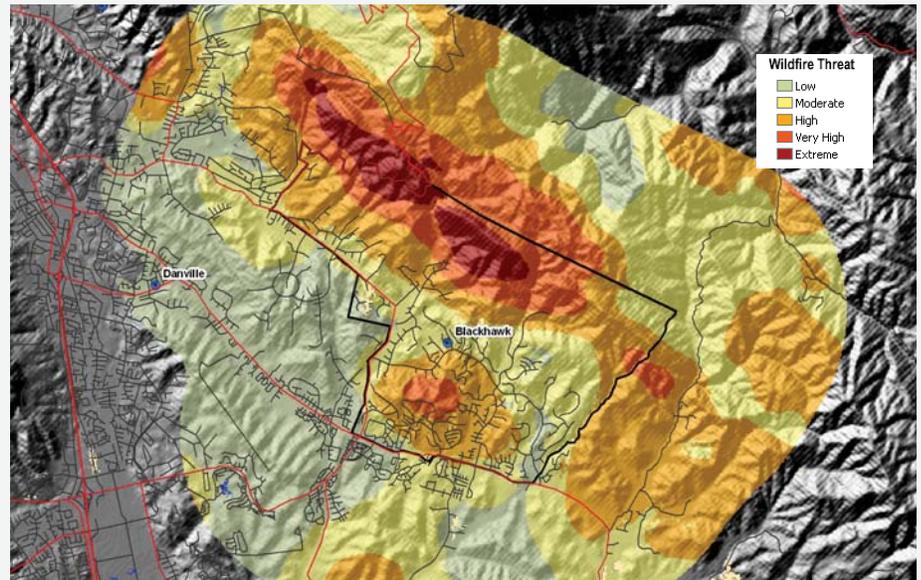
Sample above: Wildfire risk data for Palm Springs, CA area. The 2006 Esperanza fire perimeter and ESRI Streetmap® data are shown as reference.

Sample CWPP assessment risk profiles generated using wildfire risk data.



Deliverables

- Risk Summary Report (provided in MSWord and PDF)
 - Map for each dataset in customer's area of interest
 - Description of classification schemes used for each map
 - Bar chart showing percent acreage for each class for each map
 - General summary description of characteristics for each map
 - General description of methods used to create the maps
 - Description of data sources used to create the maps
- GIS datasets (deliverable on DVD, CD or FTP) ESRI format for the following layers:
 - Wildfire Threat (low to extreme)—annual likelihood of a wildfire to occur
 - Surface Fuels (13 standard fuel models)—combustible vegetation for wildfire
 - Fire Occurrence (low to extreme)—historical locations of fire ignitions
 - Historical Fire Perimeters—boundaries of historical fires
- Optional upgrades
 - Fire behavior analysis outputs, such as rate of spread, crown fire potential, flame length, fireline intensity
 - Canopy fuels
 - Optional GEOBOOK® delivery for easy distribution



Example of wildfire risk data clipped to a two mile buffer around a specific community boundary.

Technical specifications—Risk Report

- Risk summary report provided in both MSWord and PDF format.
- Statistics provided for customer's specific area of interest describing total acreage and percentage by map class

Technical specifications—GIS Datasets

- ESRI GIS raster format files, ArcGIS 9.x consistent (ASCII GRID available on request)
- Fire perimeter history boundaries (ArcView .shp file)
- Comprehensive metadata (Raster data is 25m cell resolution)
 - Complete data lineage descriptions
 - Description of the methods used to derive the data with published references

Conditions

- Order acceptance subject to Sanborn approval
- Price catalog is subject to change
- Product is available in the lower 48 United States
- Product is warranted for 90 days (see End User License Agreement)
- High volume orders subject to custom scheduling

How To Order

To order Sanborn Sanborn Wildfire Risk Information Products, contact Sanborn customer service at 1.866.SANBORN or e-mail information@sanborn.com. Shipping and handling fees apply.

About Sanborn

Sanborn is a 21st century industry leader in geospatial solutions and technology, offering superior services, program management, and customer support. For our clients we provide a national presence, extensive resources, quick responses, and exceptional value. For over a century, we have been a leader in the rapidly growing geospatial industry, with successful projects delivered worldwide. For more information, visit us online at www.sanborn.com, or call 1.866.726.2676 to speak with a representative.