

Teacher Resource Links

Background Information

FEMA Wildfire

<http://www.fema.gov/hazard/wildfire/response.shtm>

History With Fire In Its Eye: An Introduction to Fire in America

<http://nationalhumanitiescenter.org/tserve/nattrans/ntuselnd/essays/fire.htm>

Healthy Forests and Rangelands (formerly the National Fire Plan)

<http://www.forestsandrangelands.gov/>

HowStuffWorks "How Wildfire Works"

<http://science.howstuffworks.com/wildfire.htm>

International Association of Wildland Fire

<http://www.iawfonline.org/>

National Drought Mitigation Center - National Drought Map

<http://drought.unl.edu/DM/MONITOR.html>

National Interagency Fire Center

<http://www.nifc.gov/>

National Park Service Fire Management Program Center

<http://data2.itc.nps.gov/fire/index.cfm>

USDA U.S. Forest Service Fire and Aviation Management

<http://www.fs.fed.us/fire/>

USDA U.S. Forest Service Wildland Fire Assessment System - Current Wildfire Danger Map

<http://www.wfas.net/>

U.S. Fish and Wildlife Service Fire Management

http://www.fws.gov/fire/what_we_do/wildfire.shtml

USGS Natural Hazards – Wildfires

<http://www.usgs.gov/science/science.php?term=384>

"What Is Fire?" from the National Interagency Fire Center

http://www.nifc.gov/pres_visit/whatisfire.html

Wildlandfire.com - Home of the Wildland Firefighter

<http://www.wildlandfire.com/>

Lesson 1

Biomes of Minnesota

<http://www.dnr.state.mn.us/biomes/index.html>

International Firefighting News

<http://www.firefightingnews.com/>

Minnesota DNR Wildfire Information Center

<http://www.dnr.state.mn.us/forestry/fire/index.html>

Smokey Bear's Science of Wildfire

<http://www.smokeybear.com/wildfire-science.asp>

Teacher Resource Links (continued)

Lesson 2

Firewise Communities
<http://www.firewise.org/>

Minnesota Firewise
<http://www.dnr.state.mn.us/firewise/index.html>

2000 Wildland-Urban Interface in USA – University of Wisconsin
<http://silvis.forest.wisc.edu/old/Library/WUJLibrary.php>

Minnesota Housing Density 1940-2030
<http://www.1000fom.org/growth-map>

Lesson 3

Public Land Survey Background - PDF file on 2011 Teacher DVD filed under Teacher Links, Lesson 3 Folder - Public Land Survey Background.pdf

Public Land Survey System
http://en.wikipedia.org/wiki/Public_Land_Survey_System

The Public Land Survey System (PLSS)
http://nationalatlas.gov/articles/boundaries/a_plss.html

Bureau of Land Management (BLM), Cadastral History
http://www.blm.gov/wo/st/en/prog/more/cadastralsurvey/cadastral_history.html

BLM Certified Land Surveys (video series)
<http://www.cfeds.org/video.asp>

The Public Land Survey System (PLSS) Principal Meridians
<http://www.blm.gov/wo/st/en/prog/more/cadastralsurvey/meridians.html>

The History of the Land _ Episode 1: Ordering the Land
<http://www.historyoftheland.org/episodeone.htm>

YouTube: Survey101 - Introduction to Public Land Survey System
<http://www.youtube.com/watch?v=5xAGLnjAXbY&feature=related>

YouTube: PLSS – Surveying the Land
<http://www.youtube.com/watch?v=CEYQaLEW3xk>

Researching PLS
<http://www.youtube.com/watch?v=faQs1ttAMc8&feature=related>

Minnesota Public Land Survey Maps online:
<http://www.mngeo.state.mn.us/glo/>

Township and Range - Public Land Survey on Google Earth
<http://www.earthpoint.us/townships.aspx>

National Atlas Map Maker
<http://nationalatlas.gov/mapmaker>

Lesson 4

Digital Orthophoto Quadrangles

<http://erg.usgs.gov/isb/pubs/factsheets/fs05701.html>

Farm Service Agency NAIP 2008 Air Photos

http://www.lmic.state.mn.us/chouse/airphoto_usda.html#fsa

GIS.com - Internet Guide to GIS Resources

<http://www.gis.com/index.html>

GIS Day Resources

<http://www.gisday.com/>

National Geographic Xpeditions Mapmaking Guide 9-12

www.nationalgeographic.co.in/xpeditions/lessons/09/g912/cartographyguidestudent.pdf

USGS GIS Poster

http://erg.usgs.gov/isb/pubs/gis_poster/

Fire Maps and Imagery

ESRI U.S. Wildland Fire Management

<http://www.esri.com/industries/public-safety/wildland-fire-management/index.html>

GEOMac Wildfire Mapping

<http://wildfire.usgs.gov/geomac/>

NASA Natural Hazards Satellite Imagery

http://earthobservatory.nasa.gov/NaturalHazards/natural_hazards_v2.php3?topic=fire

National Oceanic and Atmospheric Administration (NOAA) Fire Events

<http://www.osei.noaa.gov/Events/Fires/>

U.S. Forest Service MODIS Active Fire Mapping Program

<http://activefiremaps.fs.fed.us/>

Wildfire Education Materials

Burning Issues

http://www.fsu.edu/%7Eimsp/burn_issue2_06/newsplash.htm

Communicator's Guide for Wildland Fire

http://www.nifc.gov/preved/comm_guide/wildfire/index2.html

Discovery Education Forest Fires Lesson Plan

<http://school.discoveryeducation.com/lessonplans/programs/forestfires/>

Exploring Wildland Fire Educator's Guide - Bureau of Land Management

<http://www.blm.gov/education/LearningLandscapes/teachers/fieldtrip/>

FEMA Living With Fire Game

http://www.fs.fed.us/rm/fire_game/

FEMA U.S. Fire Administration for Kids

<http://www.usfa.dhs.gov/kids/flash.shtm>

Fire and Aviation Management Resource Management Education Unit

http://www.nps.gov/fire/educational/edu_tea_resourcemanagement.cfm

Wildfire Education Materials (continued)

Fire Ecology Resource Management Education Unit
http://www.nifc.gov/preved/comm_guide/wildfire/fire_25.html

Fire Wars (companion web site to NOVA program)
http://www.pbs.org/wgbh/nova/teachers/programs/2908_fire.html

Firewise Interactive Exercises
http://www.firewise.org/educators/interactive_exercises.htm

FireWorks Curriculum
http://www.fs.fed.us/rm/pubs/rmrs_gtr065.html

Minnesota DNR Forestry Education
<http://www.dnr.state.mn.us/forestry/education/index.html>

National Symbols Cache
<http://www.symbols.gov/>

Project Learning Tree Fire Education Materials
<http://www.plt.org/>

Smokey Bear
<http://www.smokeybear.com/>

Sparky the Fire Dog
<http://www.sparky.org/>

Taking a Stand: Pros and Cons of Forest Fires
<http://www.thirteen.org/edonline/lessons/fire/index.html>

Wildland Fire Education Working Team Public Service Announcements
<http://www.nwccg.gov/teams/wfewt/psas.htm>

Sites to Visit

Forest History Center, Grand Rapids, Minnesota
<http://www.mnhs.org/places/sites/fhc/>

Hinckley Fire Museum, Hinckley, Minnesota
<http://www.hinckleymn.com/history.htm>