LOCATION OF NOAA WEBSITES ON REALTIME FIRE DETECTION
In response to CGMS Action 33.18 and CGMS Recommendation 33.06

NOAA Response to CGMA XXXIII Action 33.18
and CGMS XXXIII Recommendation 33.06

CGMS

Location of NOAA Websites on Realtime Fire Detection

1   Introduction

Action 33.18 The fire papers prompted CGMS to recommend that the WMO Space Programme Office create a web site posting all the links to real time fire detection data.

Recommendation 33.06 CGMS Members are encouraged to provide the location of their web sites on real time fire detection to the WMO.

2   NOAA Response to CGMA XXXIII Action 33.18 and CGMS XXXIII Recommendation 33.06

In North America the development and implementation of operational and research environmental satellite derived fire products has grown appreciably in the last 10 years with applications in hazards monitoring, fire weather forecasting, climate change, emissions monitoring, aerosol and trace gas transport modeling, air quality, and land-use and land-cover change detection. A number of universities and government agencies have supported web sites to display archived and real-time fire products and applications. The following list includes web sites that have been in existence for some time and have demonstrated consistency in content and support.

1) **http://www.firedetect.noaa.gov/viewer.htm**: NOAA/NESDIS Hazard
 Mapping System (HMS) interactive viewer.

2) **http://cimss.ssec.wisc.edu/goes/burn/abba.html**: UW-Madison Geostationary Biomass Burning Monitoring web site.

3) **http://www.nrlmry.navy.mil/flambe/index.html**: Naval Research Laboratory (Monterey) Fire Locating and Modeling of Burning Emissions (FLAMBE) web site

4) **http://map.ngdc.noaa.gov/website/firedetects/viewer.htm**: NOAA's National Geophysical Data Center (NGDC) satellite fire detections interactive viewer.

5) **http://activefiremaps.fs.fed.us/**: USFS Remote Sensing Applications Center MODIS Active Fire Mapping web site.

6) **http://maps.geog.umd.edu/default.asp**: University of Maryland – College Park MODIS Web Fire Mapper

7.) **http://www.cira.colostate.edu/RAMM/Rmsdsol/main.html**: Colorado State University - Fort Collins: RAMSDIS reflectivity product

8.) **http://www.spc.noaa.gov/products/fire_wx/overview.html**, **http://www.spc.noaa.gov/exper/firecomp/sw/)**
NOAA National Severe Storms Laboratory (NSSL) Storm Prediction Center Fire Weather web site

9.) **http://www.arl.noaa.gov/smoke/forecast.html**: NOAA's Air Resources Laboratory (ARL) Smoke Forecasting Tool web site.

10.) **ftp://ftp.orbit.nesdis.noaa.gov/pub/smcd/xzhang/PM2.5**: NOAA/NESDIS biomass burning PM2.5 emissions product available in near real time for air quality modeling

An example image of NESDIS Hazard Mapping System smoke analysis product (red dots