

National Predictive Service Group (NPSG) Meeting

Meeting Notes

Location: Reno, Nevada
Meeting Dates: October 9-12, 2007

Members Present:

- Tom Wordell – FS/NICC – Fire Analysts Representative – NPSG Chair
- Rick Ochoa – BLM/NICC – Fire Weather Program Representative – NPSG Vice Chair
- Susie Stingley-Russell – ONCC – GACC Center Managers Representative
- Paul Witsaman – NWS, National Weather Service Representative
- Randy Dzialo – BLM/WBC, Intelligence Coordinators Representative
- Brad Smith – Texas Forest Service, NASF Representative
- Ed Delgado for Tom Rolinski – BLM/OSCC – GACC Meteorologists Representative
- Charlie Leonard – FS/NICC – Intelligence Program Representative
- John Barboronas – BIA – Field Level Fire Managers Representative
- Sheldon Wimmer – BLM/UT State Office, Geographic Operations Group Liaison

Members Absent:

- Dan Smith – NFAEB Liaison
- Kim Christensen – FS/NICC Manager – NICC Representative
- Neal Hitchcock – FS/NIFC – NMAC Representative

Guests:

- Jane Hollingsworth – Meteorologist In Charge, National Weather Service, Reno, NV
- Marva Willey – Intelligence Coordinator, Northern California Operations Center
- Fred Svetz – Meteorologist, Western Great Basin Coordination Center
- Robyn Heffernan (via Conference Call)
- Larry Bradshaw (via Conference Call)

Notetaker: Lani Williams – Boise Interagency Logistics Center

Meeting Agenda Topics:

1. Welcome, Introductions, and Meeting Logistics
2. Update/Info Sharing from Met and Intel Working Groups
3. NFDRS Update
4. NWS Updates from National and Local Perspectives
5. Daily, 7 Day Significant Fire Potential and Monthly/Seasonal Products Update
6. Predictive Services Handbook
7. Predictive Services Logo
8. Predictive Services User Survey Update

9. Review Predictive Services/Fire Weather Operations at various offices, including examples of briefings, data calls, unique products and services, daily schedule, 2007 Lessons Learned
 - a. NICC and NMAC Support
 - b. North and South Operations
 - c. Western Great Basin
 - d. Texas Interagency Coordination Center
 - e. Reno Weather Service Office
10. Fire Operating Reporting System (FORS) Update
11. OFCM Fire Weather Needs Assessment Update
12. Team Building Training for Predictive Services
13. Predictive Services Brochure Update
14. Dispatch Study Team Update
15. NPSG Strategic Plan/Action Items
16. Desert Research Institute “CAVE” (Immersive Virtual Reality) Overview
17. NPSG Action Item Review
18. NPSG Budget Requests
19. Bin Items and Future Meeting Logistics

Exhibits:

- A. Action Items, Decisions and Meeting Topics
- B. NPSG Funding (*Need electronically*)
- C. National/Regional Fire Weather Program Update
- D. Daily, 7 Day Significant Fire Potential and Monthly/Seasonal Products Update
- E. California Predictive Services
- F. NICC Briefing, NICC and NMAC Support
- G. Texas Interagency Coordination Center
- H. Reno National Weather Service Office
- I. DRI “CAVE: (immersive virtual reality) Overview

Tuesday – October 9, 2007**Welcome, Introductions and Meeting Logistics – Randy Dzialo**

Randy welcomed everyone and covered the logistics for the area. Everyone introduced themselves, and the Agenda was briefly covered.

Agenda Item: Update/Information Sharing from Meteorologist and Intelligence Working Groups

- Meteorologist Working Group – Ed Delgado
The Group is trying to establishing a back-up plan to staff Geographic Area Coordination Centers with additional meteorological support during periods of increased activity and/or staffing shortages. To facilitate this they are also trying to develop a centralized process for producing their products.

Training – Developing ways to keep up with new technology including GIS Training, programming skills, statistics, UNICS (LINUX) for Gridded FX-Net.

- Intelligence Working Group – Randy Dzialo
BLM now has 1-800-BLM-Help
The Sit/209 committee met two weeks ago, adequate training remains an issue in completion and submission of the 209. The FAMWEB server will need upgraded prior to the implementation of COGNOS portion of the 209. They are also developing an Issue Paper to convert to an xml format. The Department of Homeland Security (DHS) is proposing a rewrite of the 209, with the current report being renamed the 209A. The Committee will remain in contact with DHS. Kathy Wiegard is in the processing of drafting a 209 for Hurricanes.
The Tactical Resources Tracking website is still under development at the Remote Sensing and Application Center (RSAC).

Agenda Item: NFDRS Update – Larry Bradshaw

- WIMS
 - Production version 1.1.6 moved to NESS Architecture on September 9th.
 - All queries are now handled by Dan Ervin.
 - Version 1.1.7 is available for testing and is expected to be live December/January. Of significance is the Alternate Gateway (portal) prototyped for Non-Satellite stations (mesonet).
 - Next Major Version
 - Nelson Model and State of the Weather (SOW) Automation
 - Nelson Model will compute 1 hour and 10 hour fuel moistures hourly. Current (1978) routines will compute 100 hour, 1000 hour, and live fuel moisture model. RAWs data ingested from the Automated Sorting, Conversion Distribution System (ASCADS) every 5 minutes; once per hour. “N” type NFDR records will be computed, with only the 1 hour 10 hour fuel moistures, wind speed, temperature, and perhaps herbaceous fuel moisture (if in the cured state) changing hourly.
 - Secondary ingest of solar radiation: at 1300, compare to potential, solar radiation for that day/hour/location, precipitation in last 1, 3, 6, 12, 24 hours and determine state of the weather and wet flag. Add a wet flag metadata flag to a station for extended periods of snow coverage. Allow user to define matrix for setting SOW and wet flag based on local 1, 3, 6, 12, 24 precipitations amounts.
 - Automatically produce a 1300 “O” NFDR record and have a ‘publish’ button on the WIMS screen. Keep a record of edits to “O” record.

- Both updates to be introduced in the same version with a defined evaluation period and background analysis of moisture and index correlation between the methods.
 - Fire Business Decision Thresholds: Users will be able to build a matrix and define staffing classes and adjective ratings based on fire business thresholds in addition to climatology breakpoints. Either or both can be displayed.
 - WIMS Dash Board: New entry screen has user defined modules as quick links and 10 most recent queries. Current station information (user owned stations) is pre loaded and you can select most recent 1, 10, 15, etc days (i.e. don't always have to enter a date range).
 - National Mid Range NFDRS Forecasts
 - Fire Lab & SEM: Using National Digital Forecast Database (NDFD). Seven day forecast of 5-km NFDRS, single fuel model (G). Directly to support WFDRS needs with point extraction routines. <http://sem-server.org/n2n>. Work is continuing.
 - Rocky Mountain Center. RMC (<http://fireweather.info/>). 3 day forecasts all indexes & fuel models. Working with them to extract point and area forecasts of fuel moistures and indexes.
 - FireFamily Plus.
 - Beta 2 is released, the next beta release (2d) has major overhaul on batch processing, in that it actually works, more dynamics in saving, editing runs and run maintenance. This should be last major beta release before final release. V 4.0 will likely be released in January at the Advanced NFDRS.
- ➔ **Action Item 169:** Determine the status of GSI and Live Fuel Moisture Data Base.
Responsible: Larry Bradshaw and Matt Jolly
Due Date: January 31, 2008

Agenda Item: NWS Updates from National and Local Perspectives – Paul Witsman and Jane Hollingsworth (Exhibit C)

National/Regional Fire Weather Program Update

- Prototype Fire Weather Web Page
 - What We've Done in California:
 - Includes radio friendly dispatch area forecasts:
<http://www.wrh.noaa.gov/sto/cafw/>
 - Where We are Going:
 - WFO Medford – GFE-based fire weather forecast for radio broadcast:
<http://whr.noaa.gov/sto/cafw/ifpsecc.php>
 - WFO Tulsa – Decision Support Page (DSP):
<http://www.srh.noaa.gov.tsa/cgi-bin/decisionmaker.php>
- FARSITE
 - Current Standard Across Western Region
 - Generated automatically with wildfire spot requests; requires customer requests for other spots

- FY08 Goal Across Western Region
 - “Dynamic Point-and-Click” capability across Western Region: <http://www.whr.noaa.gov/firewx/fwpfm.php?wfo=slc&interface=farsite>
- Expand as requested to other areas
 - Currently utilized in Florida
- Fire Weather Digital Database
 - FY08 Goal is to add all remaining fire weather grids to NDFD
- Other National FY08 Projects
 - New Federal Interagency Agreement
 - On-Line S-591 class to be available in March: <http://deved/meted/ucar/edu/fire/s591/struc/index.htm>
 - Standardized Fire Weather Web Page
- NWS Spot
 - Update and improve GUI and GFE formatter
- Incident Support Program, a NWS Southern Region Prototype
 - Spectrum of Services
 - Product Requests – Products emailed to customers
 - Conference Calls (EM)/IM Chat (Media)
 - Live Virtual Briefing
 - Incident Response Team – IMET at ICP/scene
- ISP Training Proposal
 - Motive – To understand ICS System and various roles utilized to work within the system more effectively
- Hot Items
 - NFDERS Forecasts
 - Unique Spot Pages
- Summary
 - Exciting time in interagency partnerships
 - New Dynamic MOU with National Operating Plan
 - Fire Weather Web Standardization
 - Utilizing GIS and NDFD Grids
 - Growing NWS Spot Program
 - IMET Program and Services Growing Stronger

NWS Update – Local Offices

- Improved Communication/Collaboration with Geographic Area Coordination Center
- Continued Outreach/Information exchange with fire customers
- Improved Services to our Customers
 - Research – pattern recognition for dry lightning/wind events
 - Red Flag Warnings – less emphasis on DRY lightning – more on events that will cause significant starts
 - Post-mortems – learn from each fire-related weather event
 - Specialized training for “core” forecasters
- Internal Operations
 - Technology – more RAWS sites

- Critical Fire Situations
- IMET Communications
- SPOT Forecasts – emphasis on detail and accuracy
- Dedicated Fire Weather shifts
- “Core” Group of Fire Forecasters
- Briefings
- IMET Program
 - Over 60 qualified IMETs across the country
 - Local offices MUST make their IMETs available
 - Field Misconception – “there are not enough IMETs and/or they are not available”
- Summary
 - Especially in the West
 - Fire Weather is treated like Severe Weather
 - SPOT Forecasts have the same priority as do Tornado Warnings
 - NWS Mission
 - “To protect lives and property”
 - Their role is taken very seriously

Agenda Item: Daily, 7 Day Significant Fire Potential and Monthly/Seasonal Products Update – Rick Ochoa (Exhibit D)

- Daily Products
 - Not a National Product
 - Issues with Daily Products
 - Different Formats
 - Different Issuance Times
 - Different Sources for information
- 7 Day Significant Fire Potential
 - Utilized by all Geographic Areas this season (except Alaska)
 - Issues with 7 Day Product
 - Operational of Experimental
 - No standards for high risk criteria such as wind, lightning, hot/dry/unstable
 - No standards on resource discussion
 - Too many missing products
 - Working on web-based product
- Monthly/Seasonal Products
 - Issues
 - This past summer we transitioned to issuing a Monthly/Seasonal Outlook Product; the products is issued by the National Interagency Coordination Center (NICC) and combines monthly outlook with a three month trend forecast that is now updated monthly.
 - Although the product is issued by NICC it still contains input from the Geographic Areas and their text inputs (bullets) are very valuable.

- The National Outlook is only updated once each month; the Geographic Areas have the ability to issue mid-month updates as needed.
- Geographic Areas need to link to national product or to their local products; some are stale
- Common Issues
 - Need more prominent Predictive Services Label/Logo
 - Missing products on Daily/7 Day
 - Need for verification metrics
- ➔ **Action Item 170:** Identify a group and to review and make recommendations concerning the standardization of daily products. Potential group members: Robyn Heffernan, Steve Leach, Mike ???, Chuck Maxwell and Shelby Sharples.

Responsible: Robyn Heffernan
Due Date: June 2008

Wednesday – October 10, 2007

Agenda Item: Predictive Services Handbook – Tom Wordell

The Predictive Services Handbook was presented to and adopted by NFAEB. The final edits have been completed; it is awaiting a signature page and should be available in November at the Predictive Services Meeting. The Handbook addresses staffing and funding criteria for the program as well as product standards and is scheduled for annual review.

Agenda Item: Predictive Services Logo – Tom Wordell

The original logo design that was selected does not reproduce well on a smaller scale an alternative design was discussed.

Decision: Solicit designs from the Geographic Areas and reach a Logo Decision at the Predictive Services Meeting in November.

Agenda Item: Predictive Services User Survey Update – Tom Wordell

The Survey is finalized and posted to the website, although it is not yet published. It has been used and referenced in the RAWs Report by the Fire Environment Working Team. The Survey was reviewed at the last NPSG Meeting where key points were identified by functional areas and Action Items were developed. These Action Items were later reviewed in relationship to the Strategic Plan Goals and Priorities.

Agenda Item: Review predictive Services/Fire Weather operations at various offices, including examples of briefings, data calls, unique products and services, daily schedule 2007 lessons learned

- **California Predictive Services – Marva Willey (Exhibit E)**

- Northern Operations Center is fully staffed and has assisted Southern Operations Center, which has several vacancies (Predictive Services Manager and Meteorologist)
- Both Geographic Areas are trying to be consistent with their products and services.
- Unique Products and Services
 - Hourly Fire Danger
 - Emergency Command Center Dispatch Area Forecasts (ECCDA)
 - Forecasts developed by the NWS
 - Provide morning and afternoon radio broadcasts to field fire personnel
 - 7-Day Project Activity Level (PAL) Projections
 - Fire Consortia for the Advanced Modeling of Meteorology and Smoke (FCAMMS)
 - California and Nevada Smoke and Air Committee (CANSAC)
 - Provides experimental forecasts products of fire weather, smoke dispersion, transport, fire danger and fire behavior.
 - Daily Smoke Coordination Conference Call
- Lessons Learned
 - New Large Incident – start requesting maps and data early and keep asking until you get it
 - 209 – Not all users know the ins and outs of the program
 - SIT – Patience and training pay off
 - WFDSS – Communication with the analyst is critical for quality outputs
 - Incident Specific Data – Set up blank folders ahead of time
- **Western Great Basin** – Randy Dzialo
 - Short Season in 2007, with 1 million acres predicted the season finished with 800,000 acres.
 - Experimental use of the 7-Day Product
 - Still experiencing staffing shortages
- **NICC and NMAC Support** – Rick Ochoa and Charlie Leonard (Exhibit F)
 - NICC Briefing
 - The morning Fire Directors Briefing includes a fire situation overview as well as Haines Index and lightning information. An Outlook and Trend Forecast is also provided. The Briefing lasts approximately 15 minutes.
 - At Preparedness Levels 4 and 5 an afternoon NMAC Briefing is added which incorporates the 7-Day Product.
 - NMAC Support
 - The Intel Group at NICC is increasingly tasked to provide additional information and products to the NMAC Support Group including their need for resource availability.
- **Texas Interagency Coordination Center** – Brad Smith (Exhibit G)

- In an effort to compensate small staffs, Texas Forest Service has made an effort to automate as many products as possible.
- Dispatch Tracker – combination resource log and resource availability
- Texas has gone spatially by RAWS: www.ssl.tamu.edu
- Forecast Fire Danger Map – spatial interpretation between stations
- **Reno National Weather Service Office** – Jane Hollingsworth (Exhibit H)
 - Data calls and info exchange
 - Generally speak with GACC (NO SO WB) in our daily during peak season
 - Daily schedule
 - Weather briefings (numerous)
 - Continuous “weather watch” and situational awareness
 - Analysis of current weather and model forecasts for the next seven days
 - Updated of Fire Forecasts, Warnings and Spot Forecasts
 - Prepare and Disseminate
 - Fire Weather Planning Forecast (FWF)
 - Watches and Warnings
 - Spot Forecasts
 - Trends for the NFDRS
 - Unique Products and Services/Briefings
 - Web-based Briefing
 - Demo: www.weather.gov
 - ECCDA Forecasts
 - 2007 Lessons Learned
 - Angora Fire – over-forecasted winds in Tahoe Basin – more research is needed
 - Need better communication with surrounding NWS
 - “Gridded” or “graphical” forecast depictions need to be better coordinated across NWS office “boundaries”
 - Need better understanding of each RAWS site
 - NEED
 - Feedback on Spot Forecasts routinely
 - Fuels information from the Geographic Area

Meteorologist Conference Call – Ed Delgado

- National Agreement
 - Draft is scheduled to be completed at the end of the month with final approval expected in January.
- Seasonal Assessment
 - Sharon Alden will assist with the Western Workshop and Steve Marion will assist with the Eastern Workshop
- Sharon will be filling her position on a job share agreement; the advertisement should be out soon.

Agenda Item: Fire Occurrence Reporting System (FORS) Update – Tom Wordell

The FORS Study identified 38 data elements; NFAEB has asked that the project continue with identifying data standards for those elements. This effort now continues with the involvement of the business leads for the current agency fire reporting systems. Through this process, additional data elements are being identified. In addition, the Unit Identifier System is undergoing a restructuring and will be housed and supported in OIS, a web-based system.

Cheetah – Tom Wordell

The Program was updated this year and now contains data from 1980-2006 for all federal incidents as well as state data for Alaska, California, Oregon and Washington. Additional states can contact Tom to import their data.

Agenda Item – OFCM Fire Weather Needs Assessment Update – Rick Ochoa

The Survey was published July 2007 and identified issues in each of the functional areas as well as contributing factors. Agencies were then tasked to report on how they would deal with the identified issues. One finding from the Survey was the need to identify partner opportunities.

The results of this survey were also used in the RAWS Report by FENWT

FENWT RAWS Report – Tom Wordell

RAWS was developed for Fire Danger and has evolved far beyond its initial role. ROMAN is the “face” of RAWS and users frequently go to ROMAN to access RAWS data. FENWT recommended that ROMAN be fully supported/sanctioned as an NWCG mission critical data access system. FENWT also determined that it was beyond the scope of the study to determine a recommended network size.

NOAA Fire Weather Resources Advisory Group – John Barboronas

This is an independent advisory group currently reviewing what NOAA is doing and where they need to focus research on for fire weather. The final draft is due next September. Merrill Saleen and John represent the fire community on the group.

Agenda Item: Predictive Services Brochure – Ed Delgado

The draft brochure was discussed and modified, contact information was included.

➔ **Action Item 171:** Develop a national brochure for the lay person and a more detailed brochure for the Geographic Area level.

Responsible: Tom Rolinski

Due Date: June 2008

Agenda Item: Dispatch Study Team Update – Susie Stingley-Russell

The Dispatch/Coordination System is currently undergoing a Data Call related to the Interagency Dispatch Study. Responses to the Data Call are due October 19th with the report due to the agencies in December.

Thursday – October 11, 2007**Agenda Item Predictive Services Brochure – Tom Wordell (con't)**

Tom worked on the brochure last night taking the previous recommendations, he will email to Ed Delgado to work on a GACC version.

Agenda Item: NPSG Strategic Plan and Action Items – Tom Wordell

The Strategic Plan Goals and Priorities were updated. Need to consider adding additional goals as the initial ones are completed. Nine Action Items have been identified; two are completed and seven have been started.

- Goal 1 Priority 1
 - Task 4 – Robyn Heffernan has formed a team and developed a Statement of Work. Some progress has been made on individual projects.
- Goal 1 Priority 2
 - Task 2 – will be ongoing for a period of time.
- Goal 2 Priority 1
 - Randy will make the initial contact with the Training Working Team and develop a Draft Statement of Work for the November Predictive Services Meeting.
- Goal 2 Priority 2
 - Robyn Heffernan will be the liaison. The original idea for this priority was the development of a gap analysis to review what we are doing and address what we are capable of doing. Susie Stingley-Russell will coordinate with Gerry Day and she will draft the Statement of Work for Tasks 1, 2 and 3. Work on this project is expected to begin January 2008.
- ➔ **Action Item 172:** Coordinate with Gerry Day to develop the Statement of Work for Tasks 1, 2 and 3 of Goal 2 Priority 2 of the Strategic Plan.

Responsible: Susie Stingley-Russell
Due Date: January 2008
- Goal 3 Priority 1

- ➔ **Action Item 173:** Develop a Statement of Work; contact Lola Bird regarding her assistance in the development of a Communications Plan.
Responsible: Tom Rolinski and Sheldon Wimmer
Due Date: 2/6/2008
- Goal 3 Priority 2
 - Statement of Work should be completed by November 1st. Envisioning a partnership team with membership coming from wildland fire agencies, academia, research and other agencies with Co-Chairs selected by NPSG and NWS. The team will focus on strengthening partnerships.
- Goal 4 Priority 1
 - The Predictive Services Handbook is completed and will be released with a cover letter from NFAEB.
 -
- ➔ **Action Item 174:** Explore the possibility of posting the link to the Predictive Services webpage to FAMWEB.
Responsible: Tom Wordell
Due Date: 2/6/2008
- Goal 4 Priority 2
 - Task 1 – Need formal workgroup to identify training needs to develop a programming skill base and to further develop ideas such as on-line 7 Day Product. Liaison: Ed Delgado
 - Task 2 – Need to engage a project manager to oversee product development. It would be beneficial to invite a Project Manager to address the group.
- ➔ **Action Item 175:** Develop a Statement of Work and identify a workgroup
Responsible: Tom Rolinski and Bruce Risher
Due Date: 2/6/2008
- ➔ **Action Item 176:** Invite John Noneman to the winter meeting in Boise
Responsible: Tom Wordell
Due Date: 2/6/2008
- Goal 4 Priority 3
 - The NPSG Budget will be tied to the Strategic Plan as part of the proposal process to NWCG.
 - Tasks 3 and 4 – will need to be addressed after the Feasibility Study
 - Task 9 – Tom Wordell will provide Susie Stingley-Russell a copy of the updated funding spreadsheet to include the ideal organization.

Summary of Action Items from the User Assessment Survey

In reviewing the Action Items that were developed from the User Assessment Survey, most items were related to existing Goals and Priorities.

- ➔ **Action Item 177:** Retask the Web Task Group to review GACC websites and correct differences in terminology, location, for products that are consistent across GACCs and make recommendations including layout new technologies and ways of doing business to keep websites current
Responsible: Tom Wordell
Due Date: 2/6/2008
- ➔ **Action Item 175:** Explore the development of web-based Briefings/Conference Calls including a range of options and their advantages/disadvantages.
Responsible: Fred Svetz
Due Date: June 2008

Agenda Item: DRI “CAVE” (immersive virtual reality) Overview – Tim Brown
(Exhibit I)

- Vfire Purpose
 - Training
 - Decision-making – examine how decisions change in an immersive environment
 - Education
 - Research
 - Forensics
- Specific Tasks Include: (complexities) – team on project are computer scientists
 - Development of an animated flame
 - Development of animated smoke
 - Development of 3D vegetation
 - Development of 3D buildings
 - Development of burning trees and buildings
 - Integrate these into the Mount Charleston environment
 - Utilize simple fire spread and smoke model output (FIRESITE)
- Virtual World
 - Scenarios constructed from digital resolution maps (DEM), satellite images and FARSITE outputs
 - Visualizing various elements
 - Terrain
 - Vegetation
 - Fire and Smoke

Verification/Validation of MOS – Tim Brown

All GACCs have their initial round of MOS equations

Develop real time verification system, will be part of the workshop in November.

www.cefa.dri.edu/Operational_Products/MOS

Agenda Item: Team Building Training for Predictive Services – Robyn Heffernan

The Team Building Session that was provided last year was not intended to be a one time opportunity and the group needs to develop strong leadership skills, especially in relation to the nature of the staff being spread out across the country. Options for future training opportunities need to be explored as well as development of a more tailored program and potential vendors. Robyn will be providing an overview at the November Predictive Services Meeting, where she will be soliciting comments and feedback. She expects to request funding from NPSG when she has developed a proposal.

Action Item: NPSG Budget Requests – Tom Wordell (Exhibit B)

- Expect \$160,000 for FY08, of which \$60,000 is direct funding for ROMAN
- Seasonal Assessment Workshops \$8000
- Facility Rental for Fall Meeting \$1500 plus \$1000 for Melinda Martin (Highly Reliable Organization)
- Development of a standard web-based approach to the 7-Day Product \$20,000
- National Predictive Services Data Archive \$10,000
- Awards \$4000
- Travel and per diem \$3000
- Balance of approximately \$60,000

Agenda Item: Bin Items and Future Meetings

- Future Meetings:
 - February 5-7, 2008, in Boise, Idaho. Rick Ochoa will send out map and lodging information. Meeting will start at 0800 Tuesday and will go through 1200 Thursday.
 - April 29-31, 2008, scheduled for Salt Lake City, Utah or San Diego, California
 - October 14-16, 2008 tentative, possibly in Denver, Colorado
- Yellowstone Fire Conference
 - September 7-13, Jackson Hole, Wyoming
- Fort Worth Meeting Notes
 - No changes, Tom will post to the Web

Agenda Item: NPSG Action Item Review – Tom Wordell (Exhibit A)

The Action Items Tracking Table was updated

- Action Item 154 – Integration of non-RAWS stations into WIMS: Review the work Florida has done and develop a “Lessons Learned” presentation on nonRAWS in Florida, is it applicable on a programmatic level.
- Action Item 165 – Adopt a Predictive Services Slogan: Most accepted, “Supporting the Wildland Fire Community with Decision Support Products.” Seems redundant; to be revisited at the November Predictive Services Meeting.

- Action Item 166 – Develop a brochure; contact the Shasta Trinity for cost estimates: Susie will follow-up with cost estimate for the brochure.
- Action Item 167 – Explore the possibility/process for shortening the URL: Robyn will continue to pursue a generic URL.

Friday – October 12, 2007

DRI “CAVE” Demonstration – Tim Brown

The group participated in a demonstration of the Virtual Environment and a tour of the Desert Research Institute (DRI).

****Meeting Exhibits****

PowerPoint Presentations, Handouts, etc. are available upon request from Tom Wordell at twordell@fs.fed.us or 208-387-5816