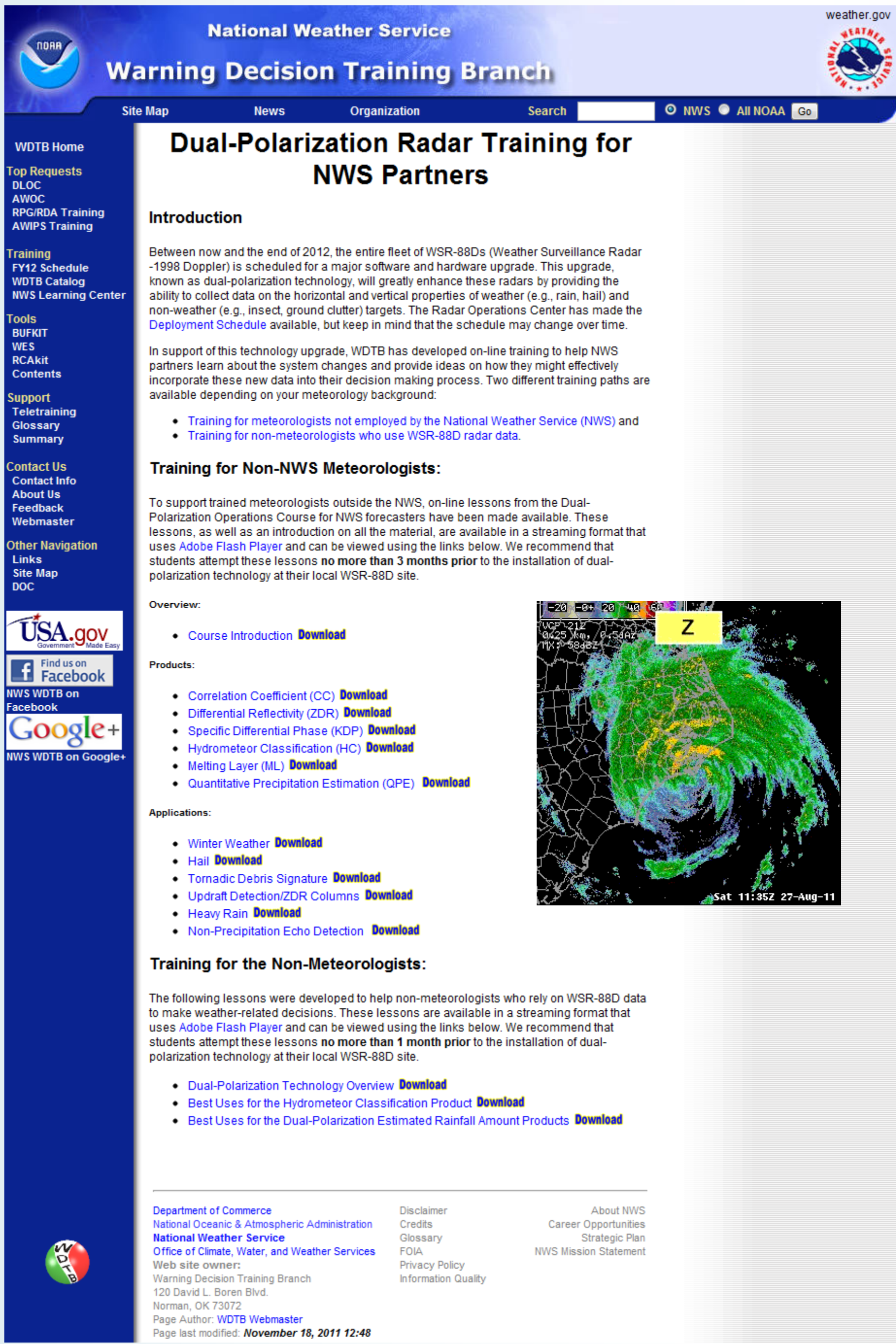
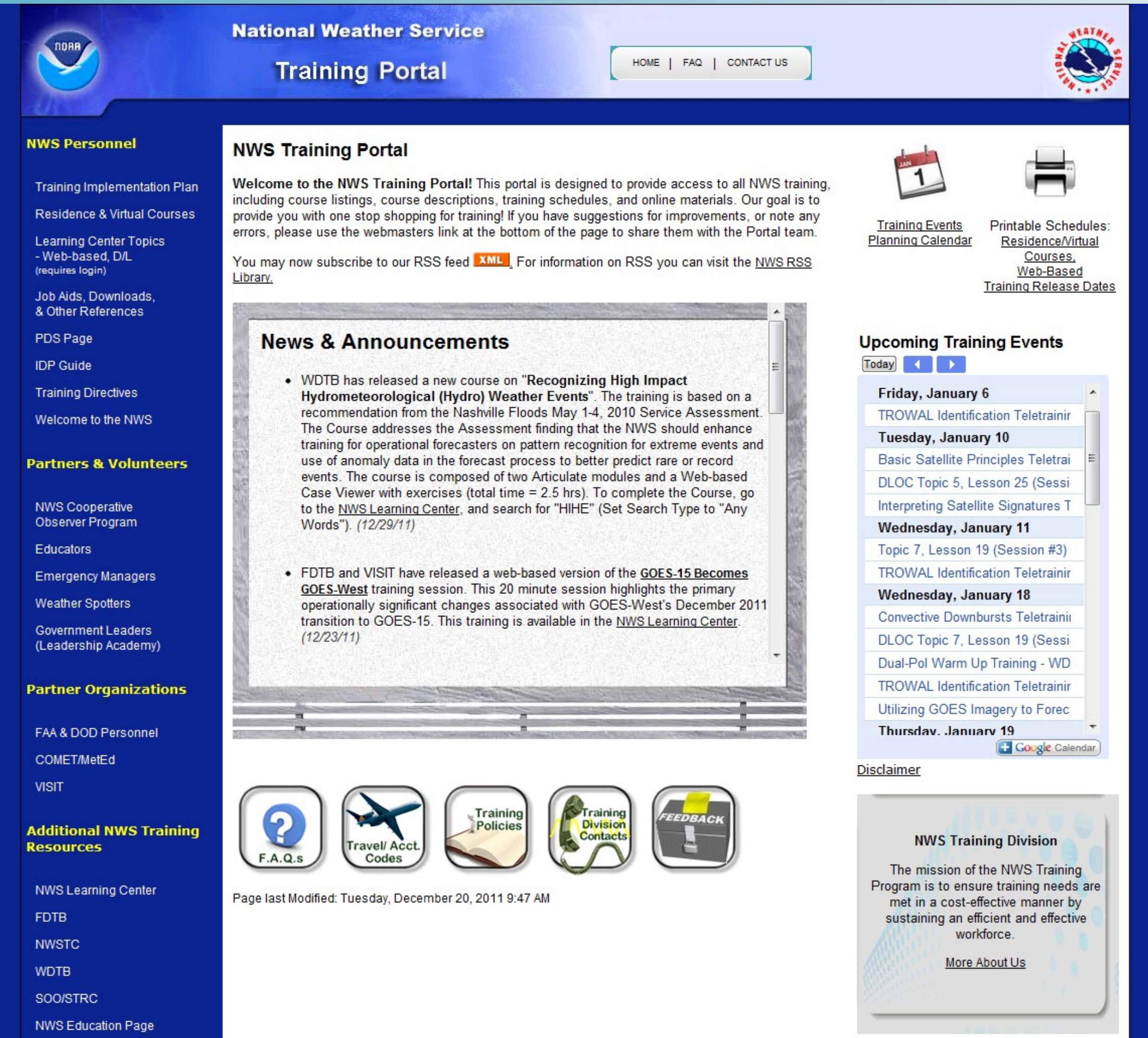


National Weather Service Training Program

External Training Resources and Lessons Learned



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NWS Training Division



Dual-Polarization Radar-Coming Soon!

- . Impacts entire WSR-88D Network
- . Several new products available
- . Training provided to outside users
- . www.wdtb.noaa.gov/courses/dualpol/outreach/

How Will Dual-Polarization Radar Benefit forecasters?

1. Identify non-weather targets more easily
2. Differentiate rain, snow, melting snow
3. Detect when hail is present in a thunderstorm
4. Improve detection of areas of heavy rain
5. Detect debris lofted by significant tornadoes



Top 10 Web-Based Training Completions by NWS Staff in 2011

Course Title	Total Completions
Dual-Pol Training	14,414
Minimizing Unnecessary Overlap between Polygons	756
Tornadoes and Severe Thunderstorm Best Practices: Non-linear Motion	745
Limiting the Number of Counties in Warnings	740
Tornado and Severe Thunderstorm Warning Best Practices	730
Flash Flood Warning Best Practices	714
2011 Overview of Tropical Changes	541
2011 Tropical Hazard Creation	536
2011 Hurricane Local Statement Creation	459
2011 Appropriate HLS Content Training	453

Lessons Learned

- . **Future focus is on communication skills for Decision Support**
- . **Need to enhance training for partners and users**
- . **Management buy-in essential to get training completed**
- . **Modules must be short and focused**

The NWS Training Portal offers valuable online training resources in a single location, specific to:

- . Private Sector Meteorologists
- . Educators & Students
- . Emergency Managers
- . Weather Spotters
- . NWS Cooperative Observers
- . Government Leaders

For more information:
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