

National Academies of Science Review:

Advanced Hydrologic Prediction Service



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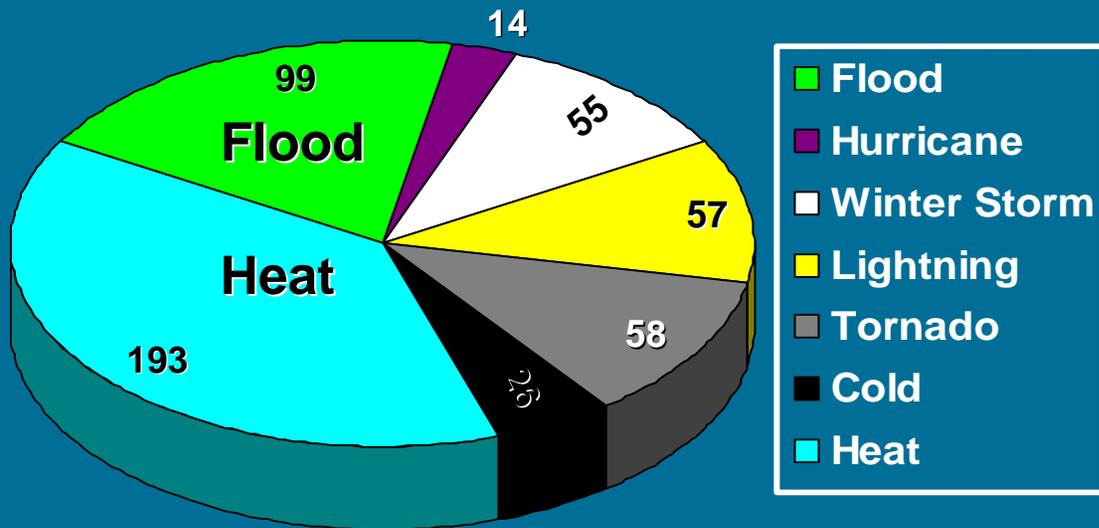
February 11, 2004



Yearly Hydrologic Impacts

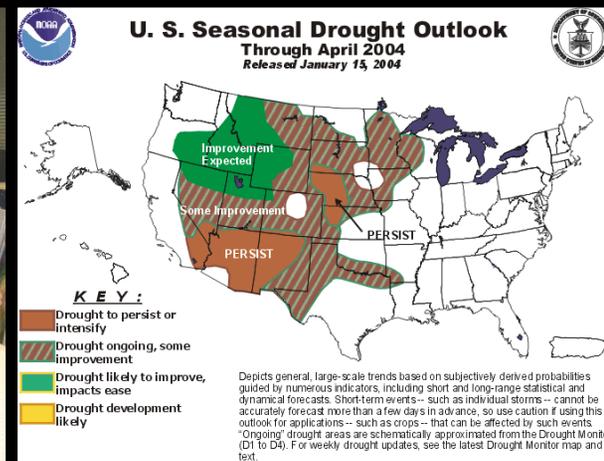
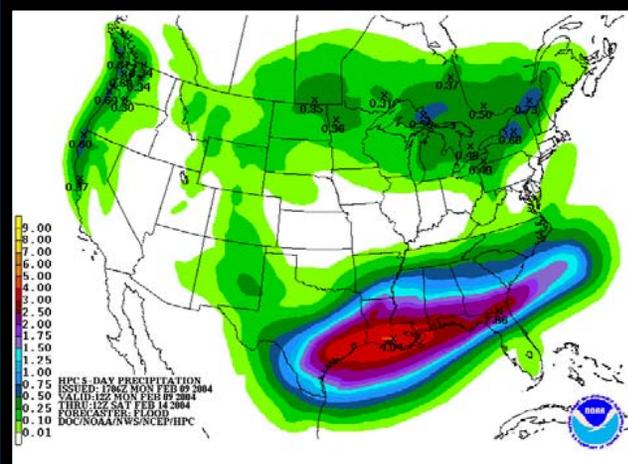
- Floods kill about 100 people
- Approximate economic losses:
Floods - \$5.2 billion
Droughts - \$6-8 billion

Average Annual Deaths (1990-99): 502



NWS Service Delivery

- 13 River Forecast Centers
- 122 Weather Forecast Offices
- Cadre of hydro-savvy forecasters with balanced skill mix
- Partnerships are key



NWS Priorities

- Sustain current hydrologic services
- Leverage collaborative research to transfer new science into operations
- Provide better water forecasts for decision-making

