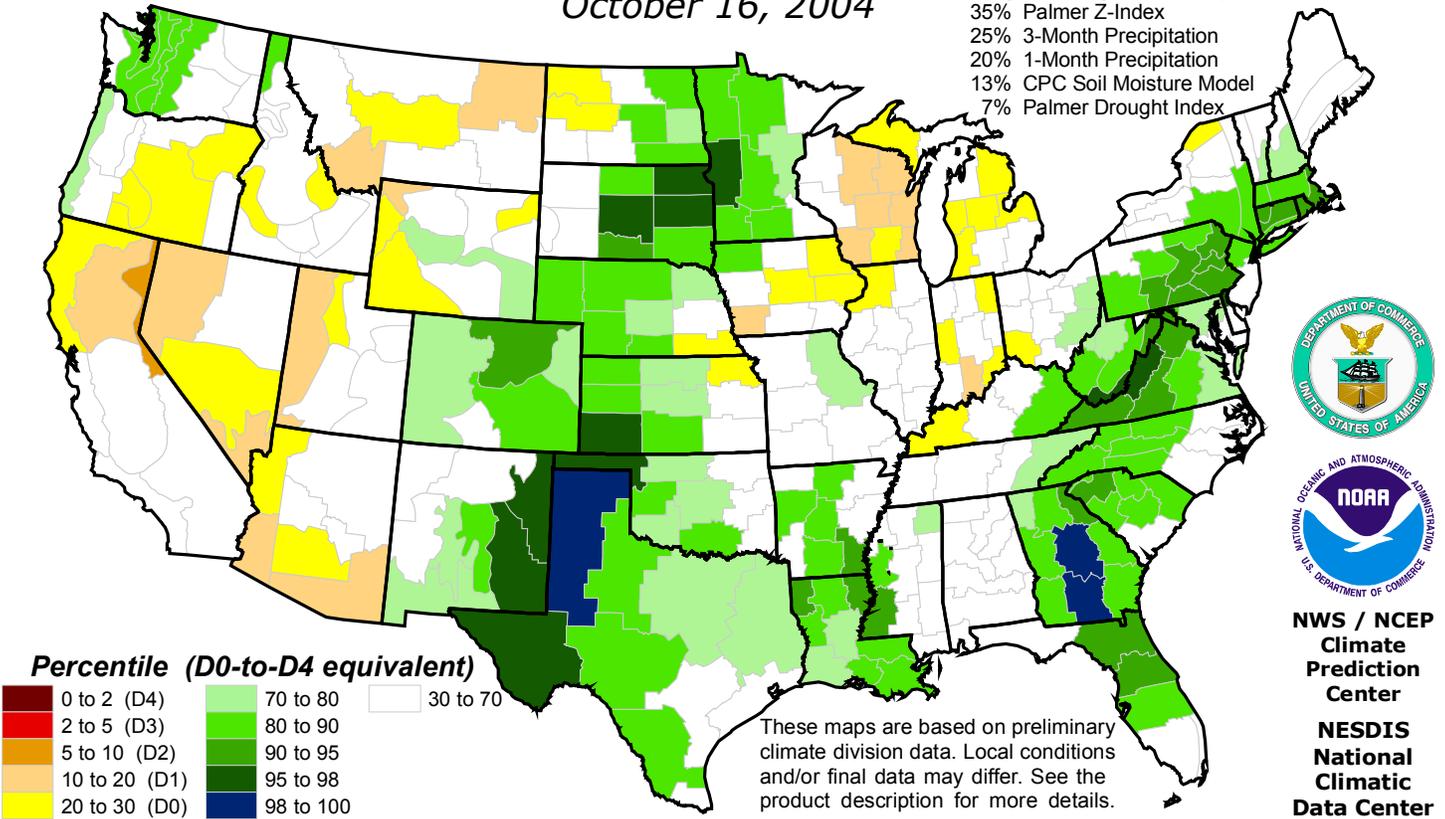


Objective *Short-Term* Drought Indicator Blend Percentiles

October 16, 2004

Inputs (as percentiles):

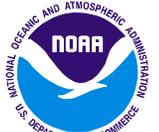
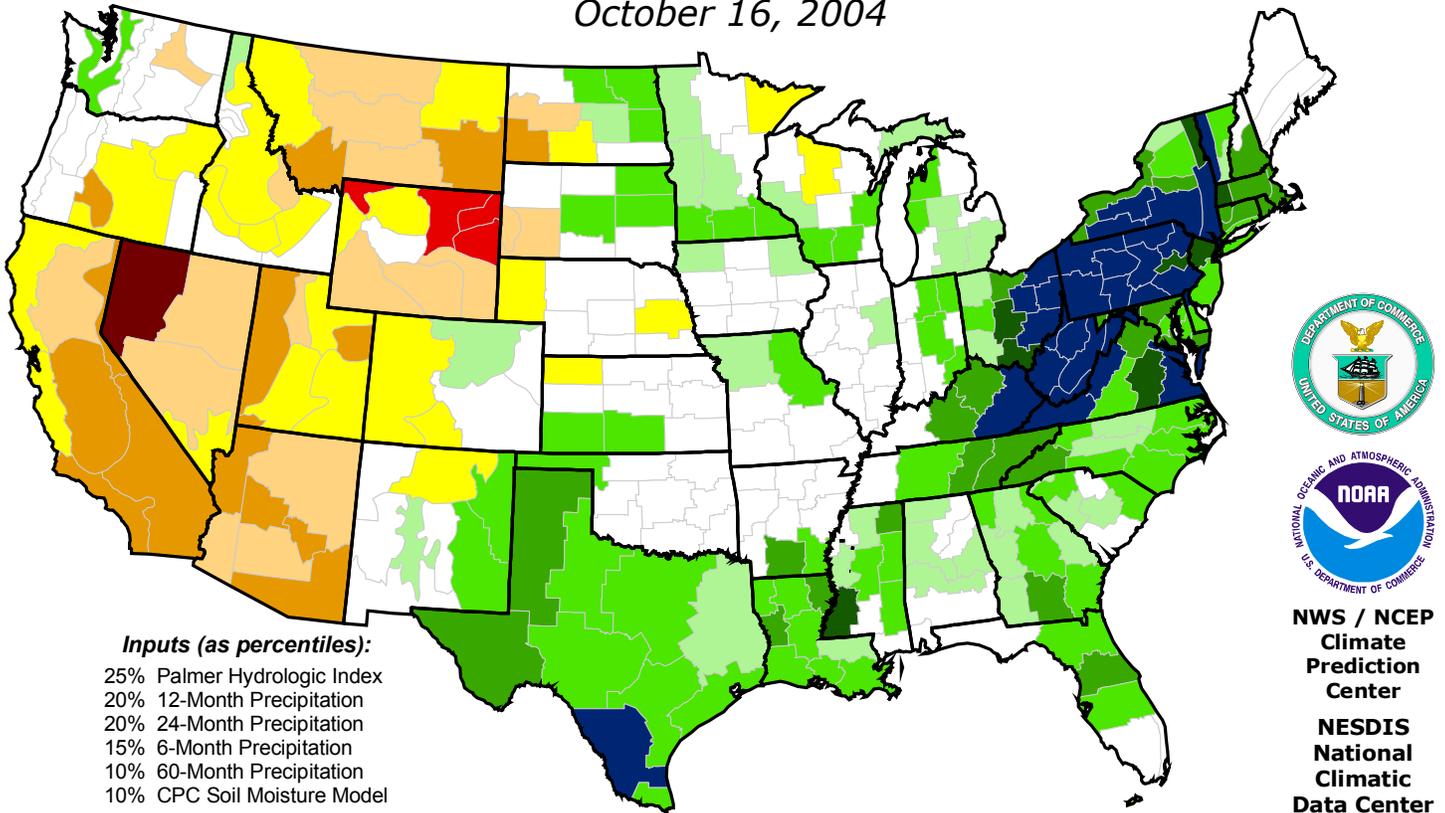
- 35% Palmer Z-Index
- 25% 3-Month Precipitation
- 20% 1-Month Precipitation
- 13% CPC Soil Moisture Model
- 7% Palmer Drought Index



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Objective *Long-Term* Drought Indicator Blend Percentiles

October 16, 2004



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The short-term map (top) approximates impacts that respond to precipitation over the course of several days to a few months, such as agriculture, topsoil moisture, unregulated streamflows, and most aspects of wildfire danger. The long-term map (bottom) approximates impacts that respond to precipitation over the course of several months to a few years, such as reservoir content, groundwater depth, and lake levels. **HOWEVER**, the relationship between indicators and impacts can vary significantly with location and season. **THIS IS PARTICULARLY TRUE OF WATER SUPPLIES**, which are additionally affected by source, and management practices.