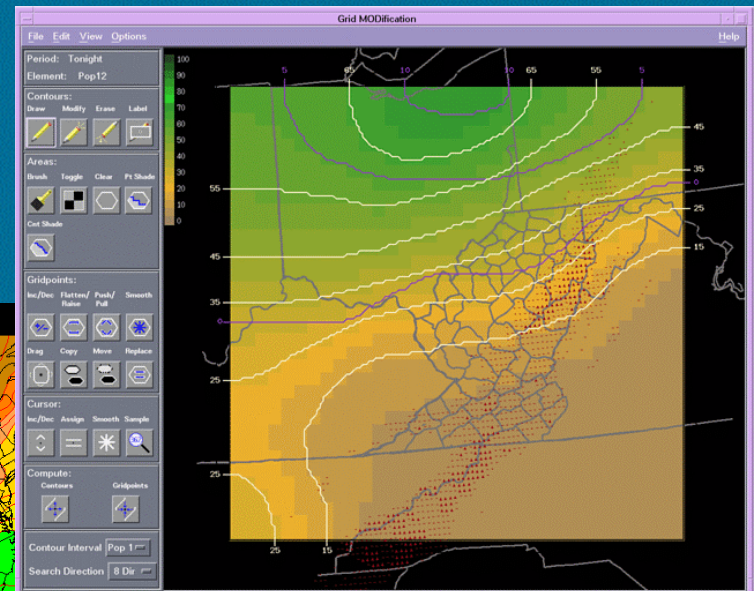
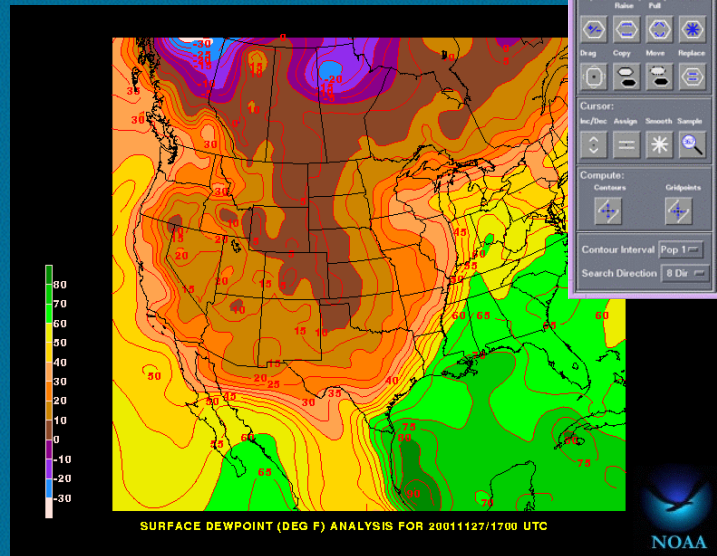


A New Forecasting Process to Support America's No Surprise Weather Service



From Text to 3Ds: *Digital, Detailed and Displayable*

Traditional Process

TODAY...RAIN LIKELY. SNOW LIKELY ABOVE 2500 FEET. SNOW ACCUMULATION BY LATE AFTERNOON 1 TO 2 INCHES ABOVE 2500 FEET. COLDER WITH HIGHS 35 TO 40. SOUTHEAST WIND 5 TO 10 MPH SHIFTING TO THE SOUTHWESTEARLY THIS AFTERNOON. CHANCE OF PRECIPITATION 70%.



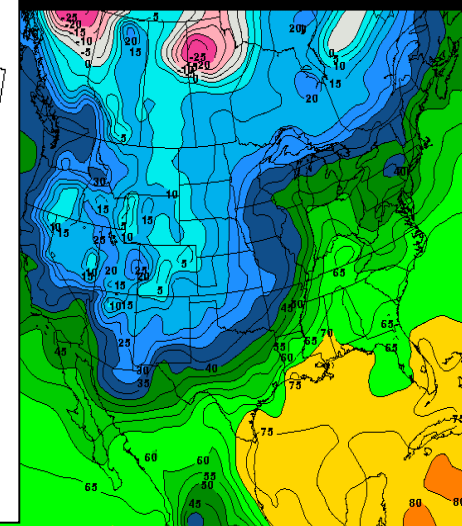
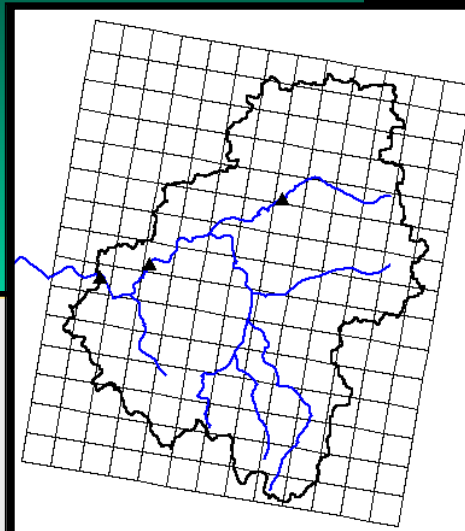
New Forecast Process

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MARYLAND EASTERN SHORE

EASTON

PTCLDY	CLOUDY	PTCLDY	PTCLDY	SUNNY
60/52	63/54	65/47	55/40	55/37
POP 20	POP 20	POP 20	POP 20	POP 10

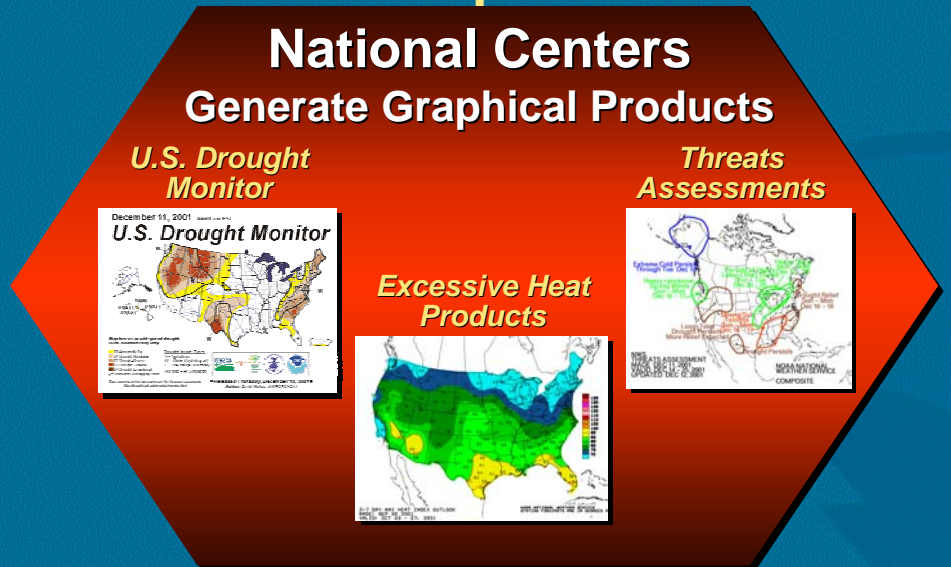
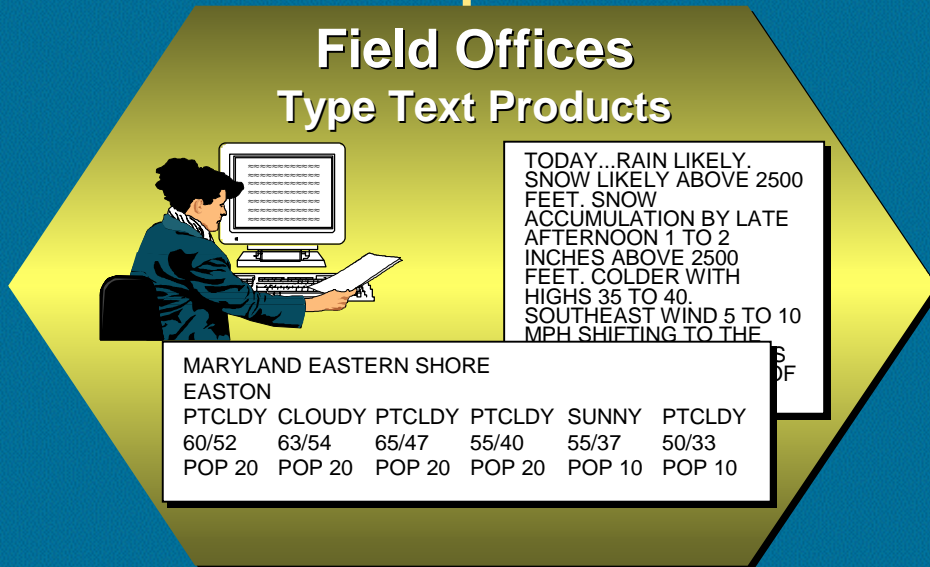
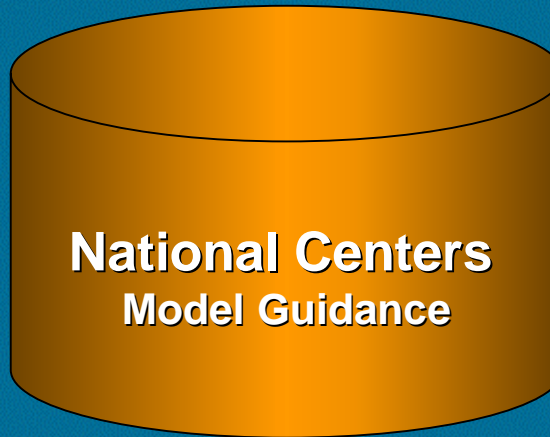


SURFACE TEMPERATURE (DEG F) ANALYSIS FOR 20011127/1400 UTC

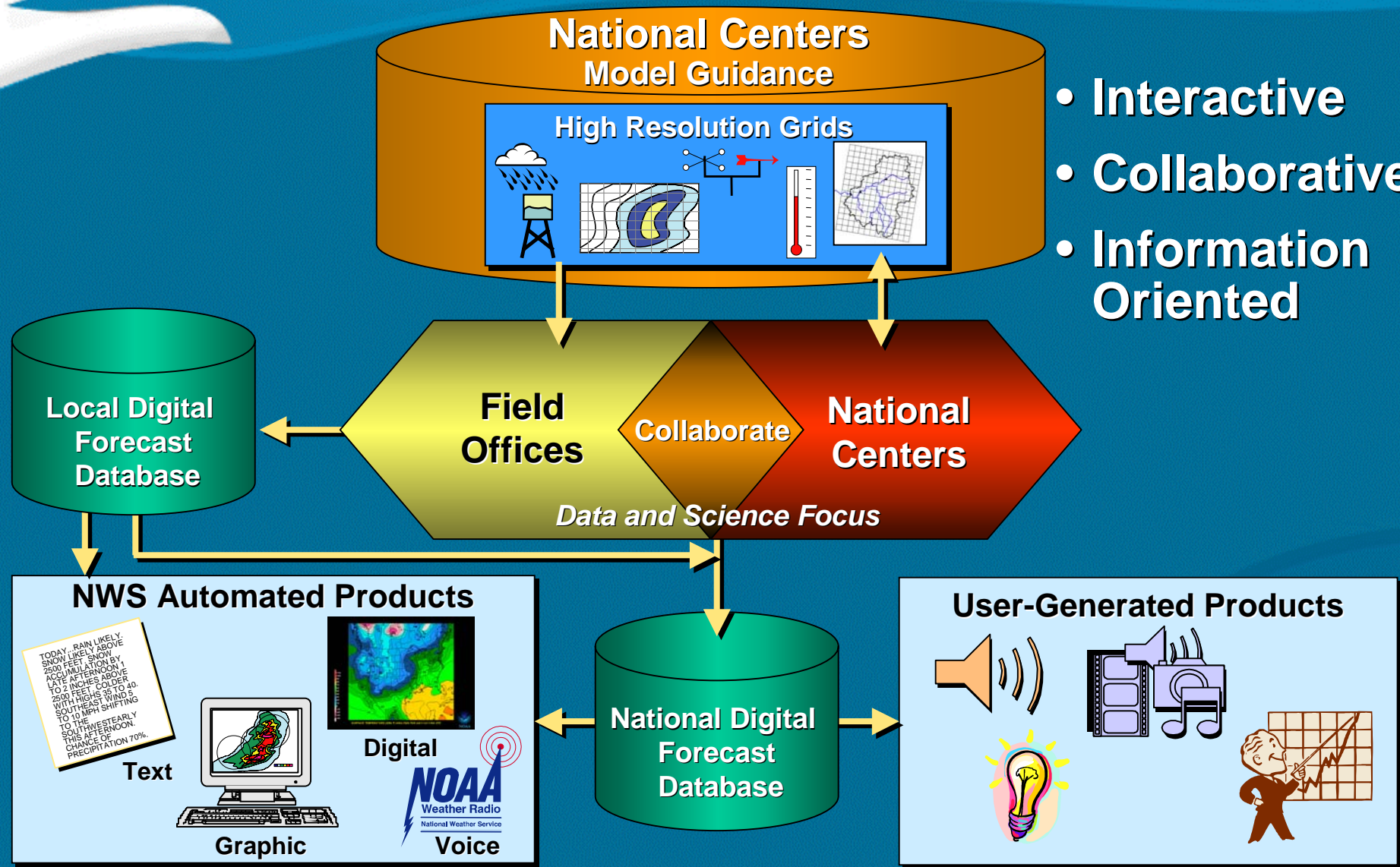
NOAA

Traditional Forecasting Process

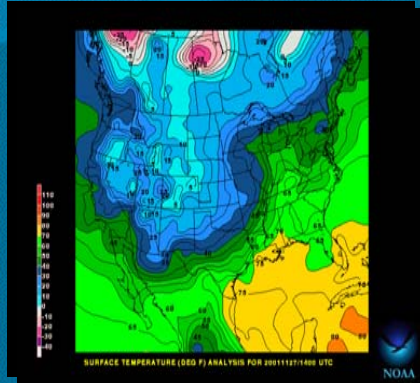
- Schedule Driven
- Product Oriented
- Labor Intensive



New Forecasting Process



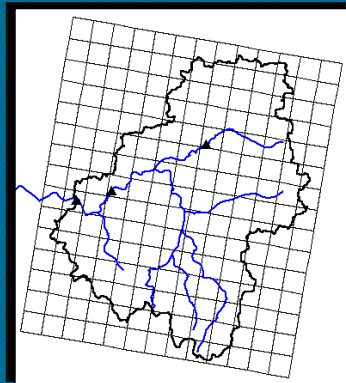
National Digital Forecast Database Gives Customers What They Want



The public, emergency managers and city planners use WWW. graphic products for detailed forecasts

- ✓ More weather data
- ✓ Higher resolution forecasts
- ✓ Visual displays of probability
- ✓ User-defined products create business opportunities

Different Products for Different Customers



Commercial weather companies & emergency managers use grids to generate tailored products

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Radio stations & public read text forecasts