

UNIDATA POLICY COMMITTEE

NWS Update

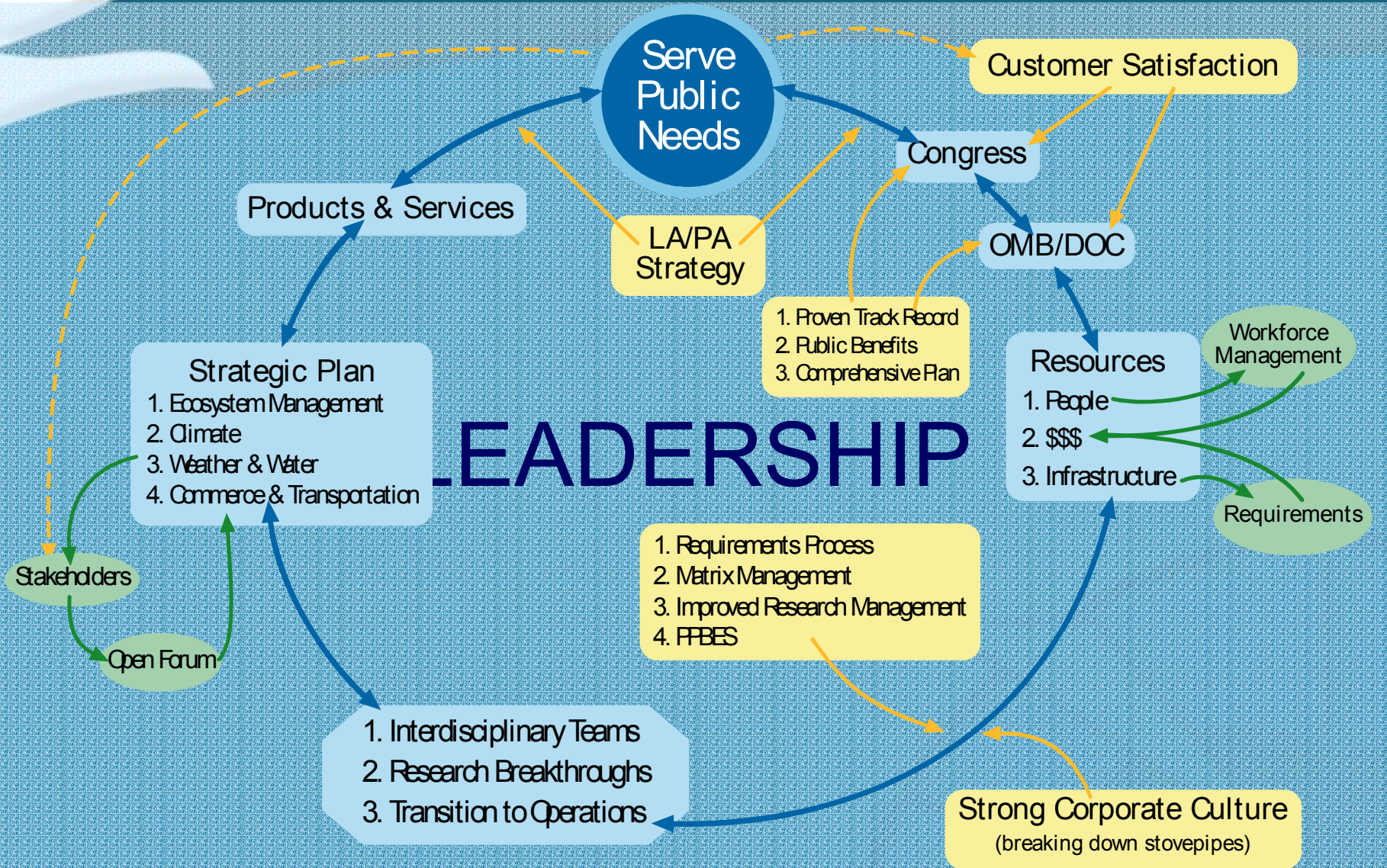
LeRoy Spayd

May 24, 2004

Outline

1. NOAA Business Model
2. NWS Public/Private Policy
3. Digital Services

NOAA "Business" Model



Structure



Connection

NOAA Strategic Plan

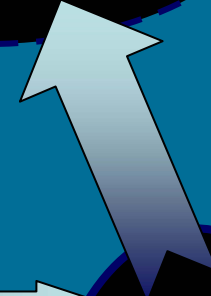


Stakeholders
Users
Constituents
Employees
Partners

NOAA Line Offices (6)

Mission Goal Teams

- Ecosystems
- Climate
- Weather & Water
- Commerce & Transportation



Outcomes

NOAA Councils (14)

How It All Connects



Public/Private Policy

- Comment period extended until June 30.
- NWS Principles
 1. Mission connection
 2. No surprises
 3. Open Information dissemination
 4. Equity
 5. Maintain and explain the routine

Digital Services

NDFD Users – Experimental

- 396 Registered as of May 6, 2004
 - 154 Commercial (.com)
 - 94 Government (.gov)
 - 46 Private Sector (.net)
 - 29 Universities (.edu)
 - 19. (us)
 - 11 (.org)
 - 10 (.mil)
 - 17 (other)

Range of NDFD Users

State of Michigan – Internet Mapping

University – Light Pollution

Military – GIS

Center for Safe Driving

Vermont Center for Geographic Information

Montana Disaster and Emergency Services

North Carolina Division of Emergency Management

Georgia Forestry Commission

Private Weather Companies

Consulting Meteorologists

Public Notification Statement

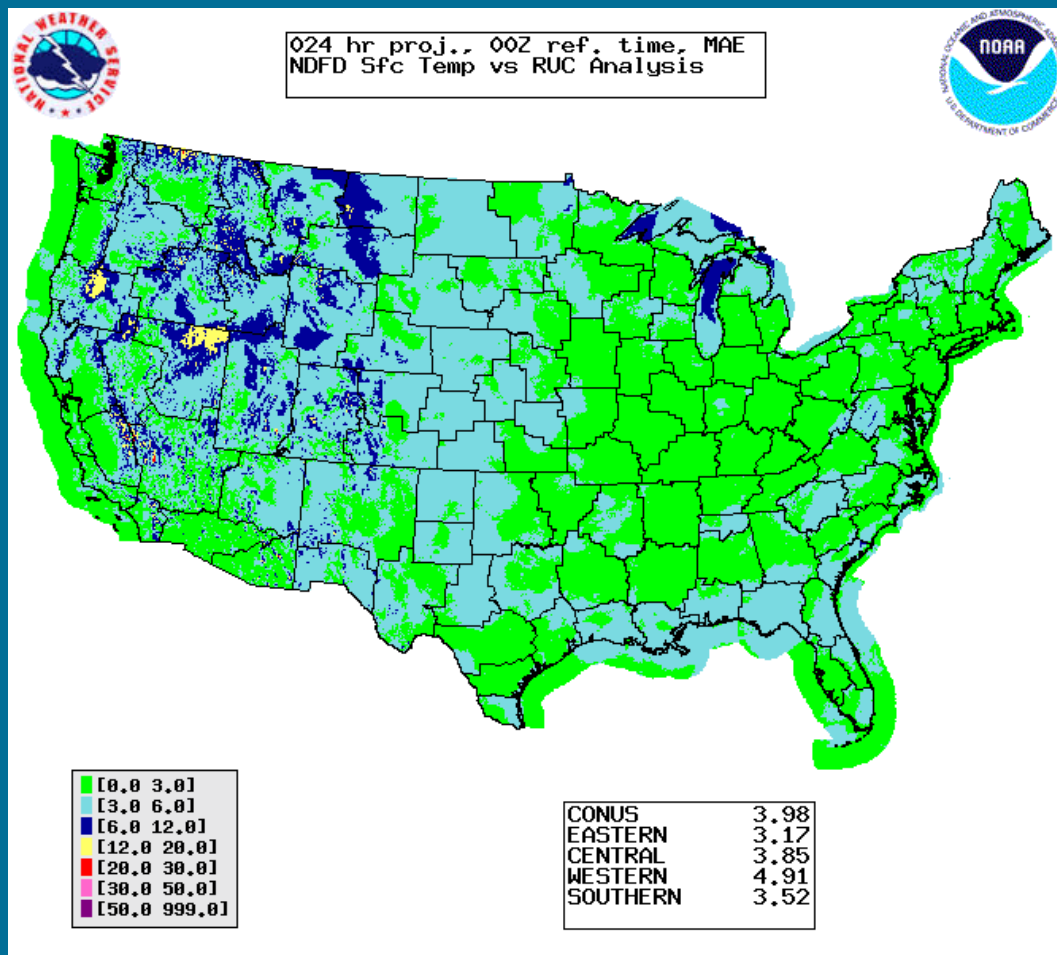
Issued March 31, 2004

THE NEW DIRECTOR OF THE NATIONAL WEATHER SERVICE HAS ASKED FOR A COMPREHENSIVE REVIEW OF THE DIGITAL SERVICES PROGRAM. AS A RESULT...THE NDFD GRIDDED ELEMENTS WILL CONTINUE THEIR EXPERIMENTAL STATUS UNTIL WE COMPLETE A COMPREHENSIVE PLAN...NO LATER THAN JUNE 30 2004.

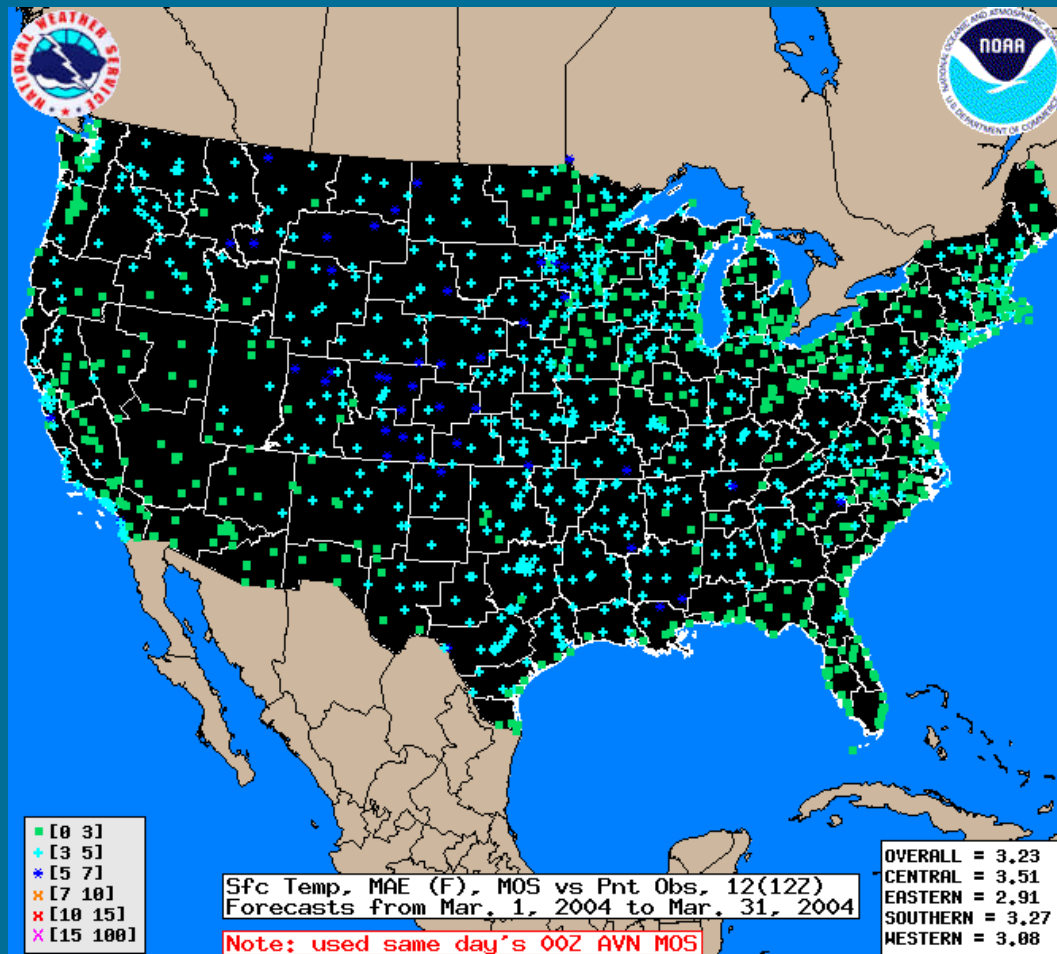
FOR THE FOLLOWING ELEMENTS:

- MAXIMUM TEMPERATURE
- MINIMUM TEMPERATURE
- PROBABILITY OF PRECIPITATION /POP12/
- WEATHER
- SKY COVER
- QUANTITATIVE PRECIPITATION FORECASTS /QPF/
- WIND DIRECTION AND WIND SPEED
- SNOW AMOUNT
- TEMPERATURE
- DEWPOINT
- SIGNIFICANT WAVE HEIGHT

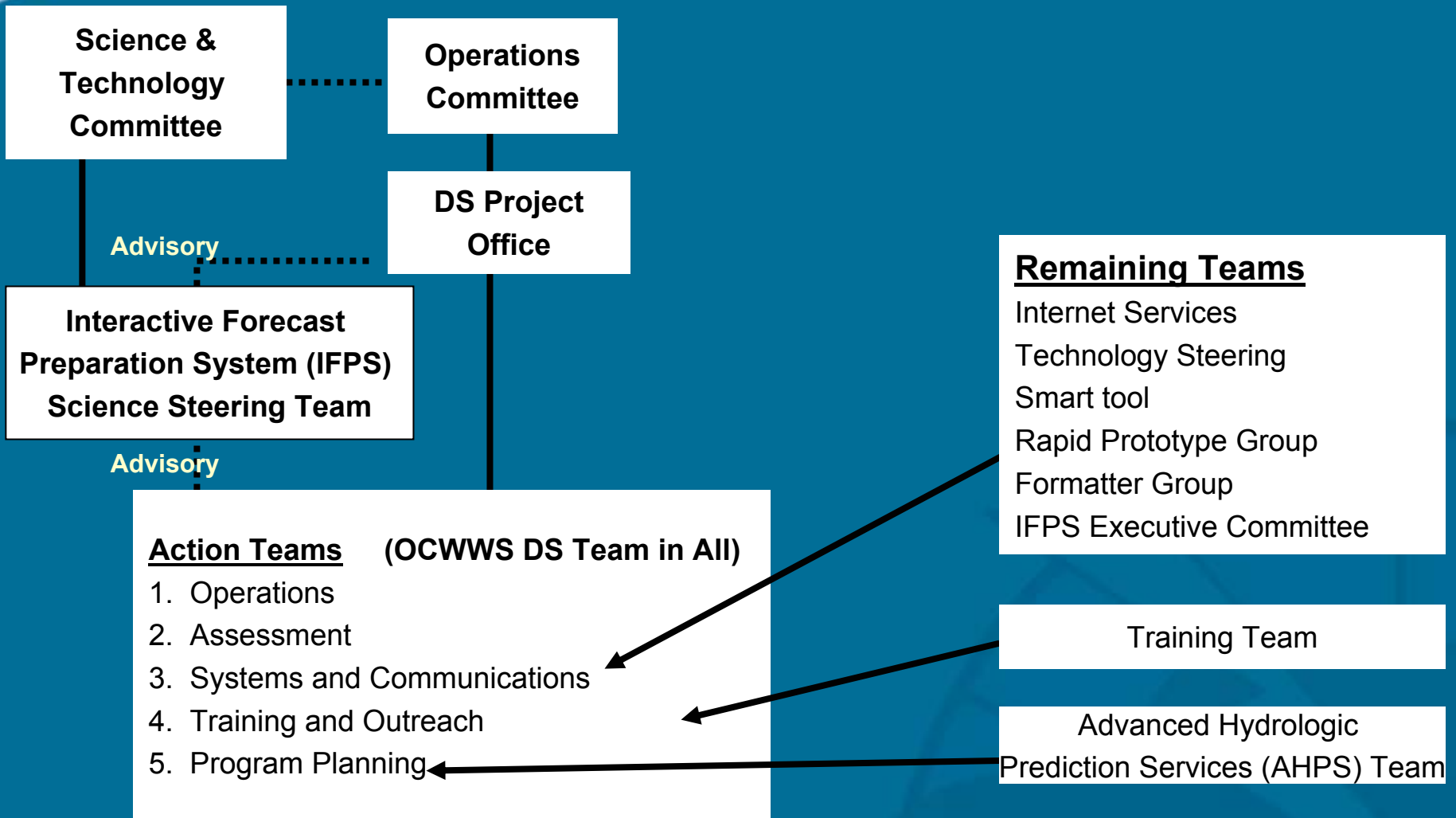
NDFD Surface Temperature vs. RUC Analysis



MOS Surface Temperature vs. Point Observations



Organization NWS Digital Services (DS)



Key Decision Factors for Grids to Become Official Products

Decision Factor

Lead Office

Forecaster Workload

OS/Regions

Infrastructure – Server

OST/OOS/CIO

Infrastructure – Archive

OST

Verification

OST

Key Decision Factors

- Forecaster Workload
 - Evaluate Day 4-7 proposal - NCEP grids
 - Share best practices
 - Re-examine directives and product suite
- Infrastructure - Server
 - Evaluate results of Official Acceptance Test
- Infrastructure - Archive
 - Test permanent archive
- Verification
 - Evaluate forecaster feedback projects - match all OBS
 - Develop plan for analysis of record and gridded verification system