

AMS Washington Forum

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Data Policies - An Inflection Point?

Changes driven by:

- Technology advances
- Amount and variety of data
- Value of environmental information









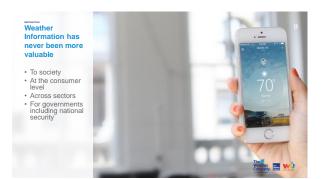
U.S. Data Policies

- OMB Circular A-130 (1985)
- Paperwork Reduction Act (1980)

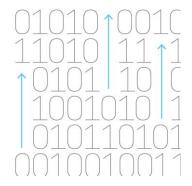
In our world:

- Saved lives and benefited the economy
- Spurred innovation
- Promoted growth across the value chain
- Created Export Services

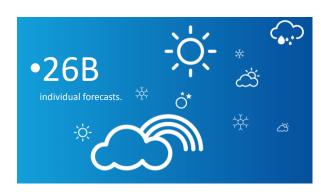
The Here and Now



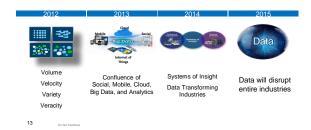
•20 terabytes, every day.







Recent evolution in the IBM Research Global Technology Outlook: It's all about the Data







Weather Underground Personal Weather Stations 200.000 globally in March 2016







NOAA's Big Data Project





Data Policy Concerns and Considerations

- Public Safety Mission
- Economic well being
- Advancement of Science and Services
- Financial
- Closely coupled value chain from knowledge generation to action
- Will require continuous attention

Add't Public Sector Considerations

- Return value to all citizens
 - Quality, cost effective, access
- Lead globally in inter-governmental forum
- Transparency in action

