



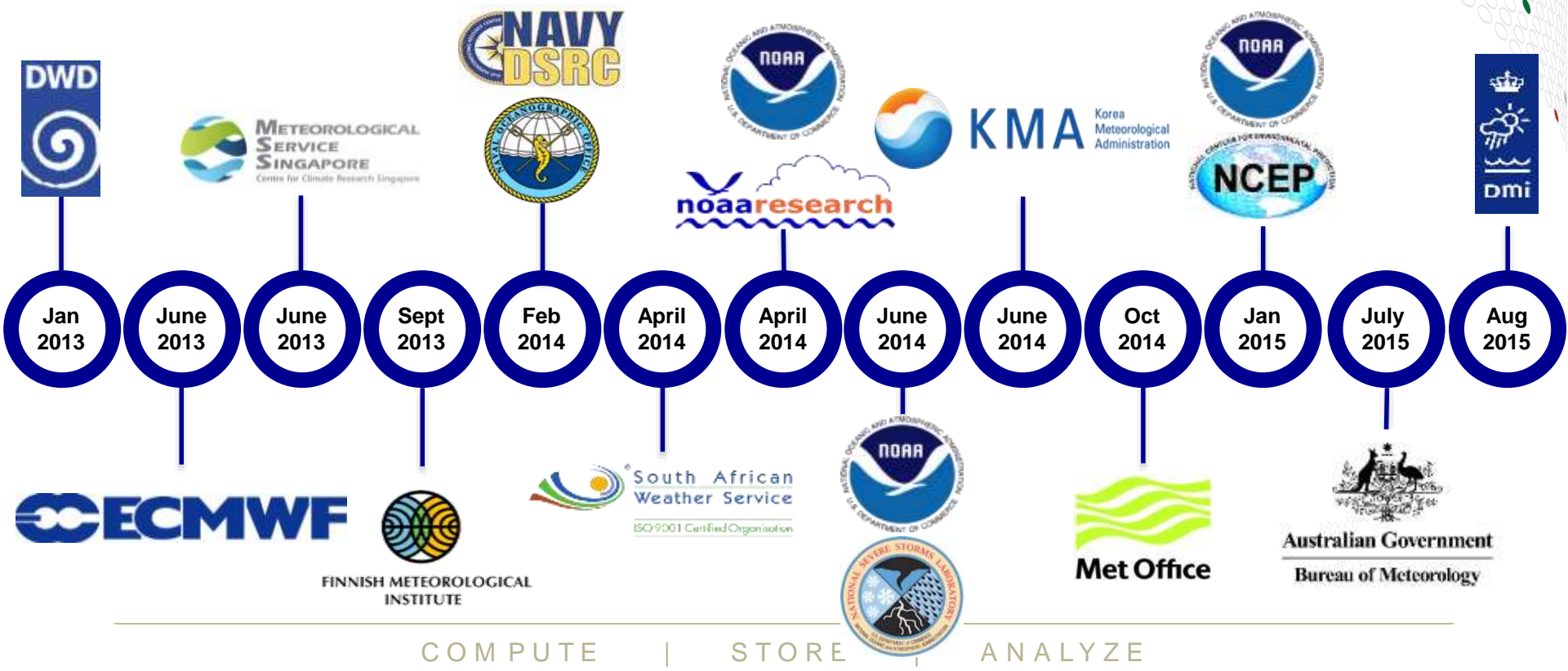
Earth Sciences Update

HPC User Forum



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Cray Announcements in Weather, Climate and Oceanography over the Last Three Years





Eco-system Technologies

- Workflows supporting single core jobs
 - Developed to support pre/post processing
- Shifter - designed as a scalable method for deploying containers and user-defined images in an HPC environment
 - Developed at NERSC to improve flexibility and usability of its systems for increasingly data-intensive workloads
- Data Virtualization Service(DVS)
 - NCEP shared storage (Geo and multiple clusters)
 - NVRAM memory hierarchy support, shared libraries,
- Multi Level Security
 - Cray system passed accreditation

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