

NATIONAL WEATHER SERVICE

Office of Central Processing, NCEP

Director: Ben Kyger

Scope of Responsibility

Supercomputers – design, build, maintain, monitor 24x7

Run operational models – onboard, monitor, support tiers 1 and 2

IDP – design, build, maintain, monitor 24x7, supporting most NWS enterprise applications including MADIS, MRMS, MAG, NowCoast, Chart Tile, Satellite data processing, Telecommunications Gateway (30 separate applications), FTP services, NOMADS, NIDS, NWS Chat, all including production, QA, and development tiers

Development organization for NAWIPS and its transition to AWIPS2 as well as most of the NWS websites, the MAG and NOMADS

OneNWSnet – the Conus and Oconus network that connects all NCEP Centers, Regional Headquarters, and NWS forecast offices

Dataflow/data-management – data from everywhere to everywhere, and a bunch of international obligations

Linux, Windows, and network helpdesk for WPC, OPC, CPC, EMC, NCO, NCEP OD, and NHC

System security ownership for orgs listed above as well as the Tsunami Warning Centers in Honolulu and Palmer

Budget

	FY16 Enacted	FY17 President's Budget
ORF	\$19M	\$18M

PAC	\$41M	\$40M
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Key FY17 Milestones

1. Complete NAWIPS use case development
2. Complete 20 major model implementations
3. Award next phase of WCOSS contract or new contract
4. Transition NDFD, GONG, and SPADES to IDP
5. Complete shutdown of all telecommunications gateway systems in Silver Spring
6. Complete OneNWSnet upgrades for 50 sites
7. Deploy storm surge watches/warnings into NIDS as well as other MDC priorities
8. Transition all operational monitoring from Silver Spring to College Park

Major Issues and Risks

1. None