



DEPARTMENT OF THE NAVY
COMMANDER, NAVY INSTALLATIONS COMMAND
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WASHINGTON NAVY YARD, DC 20374-5140

CNICINST 3140.1A
N3
1 Apr 2013

CNIC INSTRUCTION 3140.1A

From: Commander, Navy Installations Command

Subj: NAVY INSTALLATION DESTRUCTIVE WEATHER WARNINGS AND
CONDITIONS OF READINESS

Ref: (a) OPNAVINST 3140.24F
(b) CNICINST 3440.17
(c) COMNAVMETOCOMINST 3140.1M

Encl: (1) Resource Protection Support Alignment

1. Purpose. To publish guidance to be employed by Commander, Navy Installations Command (CNIC) Navy regions and installations in the event of destructive weather as outlined in reference (a).

2. Background

a. Reference (a) prescribes the basic Conditions of Readiness for destructive weather. Reference (b) is the Navy Installation Emergency Management Program Manual. It establishes authorities and responsibilities for emergency actions and for garnering the resources to support these actions.

b. Severe weather phenomena as described in reference (a) can occur at any time of the year. Such weather phenomena may endanger life, destroy property, and require expenditure of funds for repair. Storms of non-tropical origin (gales, thunderstorms, tornadoes, winter storms, etc.), while of shorter duration and generally localized in nature, can also disrupt operations and endanger life and property. There is no substitute for advance planning and preparation before the onset of destructive weather.

3. Policy

a. Definitions. Terminology used within this instruction:

(1) Resource Protection (RP). RP is the Navy's 24/7/365 weather watch that provides hazardous weather warning messages and forecasts to assist Commanders in determining appropriate

action in response to destructive weather to minimize the risk of loss or damage to personnel, ships, aircraft, and shore based infrastructure. In accordance with reference (c), there are two levels of RP support provided by Commander, Naval Meteorology and Oceanography Command (CNMOC):

(a) Service Level A: United States Navy (USN) and United States Marine Corps (USMC) bases/installations that have in-situ weather sensors available at local airfields, ports, and harbors will receive tailored and highly actionable weather support. In-situ weather sensors provide remote forecasters the ability to fine-tune the timing, duration and intensity of hazardous weather warnings during hazardous weather events. This provides USN/USMC bases/installations ample lead time to prepare for and mitigate hazardous weather or conversely, permits remote forecasters the ability to cancel weather warnings when in-situ weather conditions no longer warrant their issuance. Tsunami Event support is considered Service Level A support as all Tsunami support is remotely conducted and does not require base level in-situ weather sensors.

(b) Service Level B: USN/USMC bases/installations that do not have in-situ weather sensors available at local airfields, ports, and harbors will not receive tailored and highly actionable weather support due to insufficient data available to remote forecasters that would enable them to fine-tune the timing, duration and intensity of hazardous weather warnings during hazardous weather events and/or the ability to cancel weather warnings when in-situ weather conditions no longer warrant their issuance.

(2) Condition of Readiness (COR) Setting Authority. Region Commanders (REGCOMs) have the ultimate authority to set CORs but may delegate that authority to installation or local area commanders. Installation or local area commanders may set a higher (more stringent) COR for their activities, but may not lower any COR below that is established by the REGCOM, or delegated representative.

(3) Command, Control, Communications, Computers, and Intelligence (C4I) Suite. Web based capability that provides Region watch standers a status page, fused Common Operational Picture, and a Collaboration Suite. This provides a single point for region and installation status information, alerts, chat, checklists, and references, giving Commanders the most complete situational awareness.

(4) Wide Area Alert Network (WAAN). System capable of semi-automated to automated alerts notifying personnel of forecasted or imminent destructive weather. This system utilizes the AtHoc Independent Work Station Computer Desktop Notification System, email alerts, and the Automated Telephonic Notification System.

b. Weather Services Delivery Model

(1) Routine Weather Services RP Support. The CNIC systems (C4I Suite and WAAN) can be used to disseminate/broadcast applicable alerts and warnings of impending destructive weather. Designated CNMOC RP support activities will provide direct notification and verification of receipt to the affected region (Region Operations Centers (ROC), Emergency Management cell, and/or Crisis Action Team) and continue to provide direct notification to Naval Air Station leadership (Air Ops, Base Command Duty Officers, and/or Port Ops). Additionally, when requested by and coordinated through the affected ROC or region EM, designated CNMOC RP support activities can provide direct notification and verification of receipt to affected installation operations cells or centers (e.g., Emergency Operations Centers (EOCs)). Installation level support must be coordinated in advance to ensure adequate CNMOC resources are available to support the request. Enclosure (1) lists Commander, Naval Meteorology and Oceanography Command (CNMOC) activities involved with Routine Weather Services RP service delivery.

(2) Tropical Cyclone (TC) RP Support. CNMOC activities or Staff Meteorological and Oceanographic Officers (METOC) will advise REGCOMS and EMs on tropical cyclones that endanger USN/USMC activities and commands, and will make Tropical Cyclone Conditions of Readiness recommendations. Enclosure (1) lists CNMOC activities involved with TC RP service delivery.

(3) Tsunami Warning RP Support. The Joint Typhoon Warning Center will notify REGCOMS and EMs in the event of an earthquake with the potential to trigger a tsunami. After the initial earthquake parameters are disseminated, Watch Officers will liaison with the Pacific Tsunami Warning Center, Regional Operations Centers, and various METOC staff officers to post textual and graphic tsunami predictions on a CAC-enabled website. Supported commands and the Fleet Weather Centers in San Diego or Norfolk will make sortie recommendations for Department

of Defense assets. Enclosure (2) lists CNMOC activities involved with Tsunami event RP service delivery.

c. Alignment. CNMOC RP support activities are aligned with CNIC regions in accordance with enclosure (1). When Navy-led Joint Bases are established, the responsibility of the REGCOM is expanded. Accordingly, CNMOC RP support shall also expand to cover the entire Navy-led Joint Base in accordance with any applicable Joint Base Memorandums of Agreement or Understanding.

4. Responsibilities

a. Navy REGCOMs are responsible for:

(1) Ensuring Standard Operating Procedures are in effect directing the timely dissemination of destructive weather forecasts to their installations via the C4I Suite and the WAAN.

(2) Coordinating base support functions to protect the operating forces in their region.

(3) Ensuring region and local EMs maintain an accurate list of personnel requiring notification during destructive weather events.

b. Installation Commanding Officers (COs) and local area commanders are responsible for:

(1) Disseminating destructive weather information impacting assigned personnel, ships within local harbors/installations, aircraft, and installation structures in a timely and effectual manner.

(2) Reporting the setting of the applicable CORs to Navy REGCOMs accurately and expeditiously, as delineated in reference (a).

(3) Taking action to safeguard personnel and property, evacuate in a timely and coordinated manner if required, communicate status with the REGCOM during the event, and ensure minimum personnel required to prevent additional damage during destructive weather.

c. Local area commanders, Installation COs, and officers in charge of individual commands and units are ultimately responsible for the safety of assigned personnel and resources

in accordance with Navy Regulations and reference (a). In addition to the destructive weather information provided to the region by designated CNMOC activities, and disseminated via the C4I Suite and WAAN, Commanders are encouraged to use all available sources of authoritative weather information to assist in Operational Risk Management decisions. Examples of such resources are: National Oceanic and Atmospheric Administration (which encompasses the National Weather Service, Pacific Tsunami Warning Center, West Coast and Alaska Tsunami Warning Center, Storm Prediction Center and National Hurricane Center), host nation public services, and national or local media.

5. Action

a. CNIC will provide the C4I Suite and WAAN that ensures timely dissemination of destructive weather forecasts in accordance with reference (b).

b. CNMOC activities shall facilitate the COR setting decision process by providing access to timely and authoritative weather information and warnings to Navy region, installation COs or local area commanders in accordance with Fleet Commander and Navy Region Commander requirements. In addition:

(1) Designated CNMOC RP support activities will provide direct notification of and continued liaison for destructive weather events to ROC, and when requested by and coordinated through the ROC or Region Emergency Manager (EM), to installation EOCs.

(2) Whenever feasible, designated CNMOC RP support activities will provide actionable destructive weather event information for dissemination through CNIC systems pertaining to destructive weather events.


W. D. FRENCH
Vice Admiral, U. S. Navy

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WEATHER SERVICES SUPPORT ALIGNMENT

Weather Watches & Warnings/Tropical Support	
CNIC REGION	CNMOC ACTIVITY
Naval District Washington	Fleet Weather Center - Norfolk, VA (757) 444-8692 DSN 564-8692 FWC-NORFOLK.CDO@NAVY.MIL
Navy Region Mid-Atlantic	Fleet Weather Center - Norfolk, VA (757) 444-8692 DSN 564-8692 FWC-NORFOLK.CDO@NAVY.MIL
Navy Region Southeast	Fleet Weather Center - Norfolk, VA (757) 444-8692 DSN 564-8692 FWC-NORFOLK.CDO@NAVY.MIL
Navy Region Midwest	Fleet Weather Center - Norfolk, VA (757) 444-8692 DSN 564-8692 FWC-NORFOLK.CDO@NAVY.MIL
Navy Region Northwest	Fleet Weather Center - San Diego, CA (619) 767-1271 DSN 577-1271 fwcsd-cdo.fct@navy.mil
Navy Region Southwest	Fleet Weather Center - San Diego, CA (619) 767-1271 DSN 577-1271 fwcsd-cdo.fct@navy.mil
Navy Region Hawaii	Fleet Weather Center Aviation Detachment Pearl Harbor (808) 448-3809 DSN 315-448- 3809 17ows.ops@hickam.af.mil
Joint Region Marianas	Fleet Weather Center Aviation Detachment Pearl Harbor (808) 448-3809 DSN 315-448- 3809 17ows.ops@hickam.af.mil
Naval Forces Korea	Fleet Weather Center Aviation Detachment Pearl Harbor (808) 448-3809 DSN 315-448- 3809 17ows.ops@hickam.af.mil

Navy Region Singapore	Fleet Weather Center Aviation Detachment Pearl Harbor (808) 448-3809 DSN 315-448- 3809 17ows.ops@hickam.af.mil
Naval Forces Japan (Yokosuka/Sasebo and TCCOR for Diego Garcia)	Naval Oceanography Antisubmarine Warfare Command - Yokosuka, Japan 011-81-46-816-5595 DSN 315-243-5595 M-YO-NOAC-CDO@fe.navy.mil
Naval Forces Japan (Atsugi/ Okinawa and standard warnings for Diego Garcia)	Fleet Weather Center Aviation Detachment Pearl Harbor (808) 448-3809 DSN 315-448- 3809 17ows.ops@hickam.af.mil
Navy Region Europe, Africa, Southwest Asia	Fleet Weather Center Aviation Detachment Sembach, Germany 011-490631-5362136 DSN 314-489-2136 21ows.ops@sembach.af.mil

TSUNAMI SERVICES SUPPORT ALIGNMENT

Tsunami Warning Notification and Forecast Support	
Tsunami Event Product Distribution and Coordination	Joint Typhoon Warning Center (808) 471-004 DSN 315-471-004 CDO.JTWC.FCT@Navy.mil
DoD Message Notification	Fleet Numerical Meteorology and Oceanography Center
Navy Region Europe, Africa, Southwest Asia, Second Fleet, Fourth Fleet East, Fifth Fleet, and Sixth Fleet.	Fleet Weather Center - Norfolk, VA (757) 444-8692 DSN 564-8692 FWC-NORFOLK.CDO@navy.mil
Navy Region Europe, Africa, Southwest Asia, Third Fleet, Seventh Fleet, and Fourth Fleet West.	Fleet Weather Center - San Diego, CA (619) 767-1271 DSN 577-1271 fwcsd-cdo.fct@navy.mil