



Typhoon Preparedness Brief

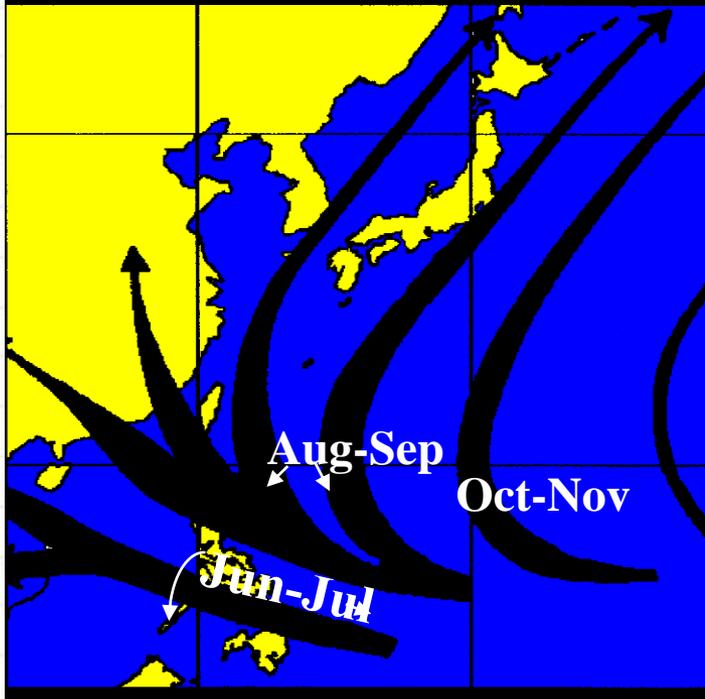
Sasebo Emergency
Management

Typhoon Readiness

- Typhoon Facts and Definitions
- TCCOR warning definitions
- What are my / your responsibilities?



Average Storm Track for WestPac



Tropical Cyclone Conditions of Readiness (TCCOR) is a framework that allows for preparations prior to the onset of destructive weather associated with a tropical cyclone. The four TCCOR levels (IV-I) are based on sustained wind speed, gust wind speed and period of time prior to onset of destructive winds.

Damaging winds: sustained winds 34 - 49 knots (40-56 mph), or frequent gusts of 40 – 59 knots (46-68 mph) are forecast to occur. (Same criteria for GALE Warning)

Destructive winds: sustained winds 50 knots (58 mph) or greater, or frequent gusts of 60 knots (69mph) or greater are forecast to occur. (Same criteria for STORM Warning)

SEASON - year round; most frequent June through November (August is most active)

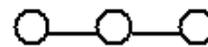
FORMATION AREA - Philippine Sea, South China Sea and between 5 and 15 degrees latitude

NUMBER - average 25 tropical cyclones, 18 typhoons, 5 super typhoons per season (2009 – 27; 2008 – 27)

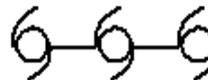
MOVEMENT - generally WNW-NE

SPEED - 10 to 15 KTS (may be stationary or accelerate to 50 KTS)

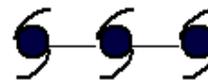
Northern Hemisphere



Tropical Disturbance/
Tropical Depression (≤ 33 knots)



Tropical Storm (34-63 knots)



Typhoon/Hurricane (≥ 64 knots)

TCCOR 4 – Trend indicates a possible threat of destructive winds possible within 72 hours

TCCOR 3 – destructive winds are possible within 48 hours

TCCOR 2 – destructive winds are anticipated within 24 hours. [Initial TCCOR meeting - With Tenant and Fleet representation, 48 to 72 hours from forecast tropical cyclone CPA]

TCCOR 1 – destructive winds are anticipated within 12 hours

TCCOR 1 Caution – damaging winds with frequent gusts of 50-59 kts are occurring

TCCOR 1 Emergency – destructive winds or gusts 60 knots or greater are occurring

TCCOR Recovery – destructive winds no longer forecast to occur

TCCOR All Clear – the threat of severe weather associated with the Tropical Cyclone is over

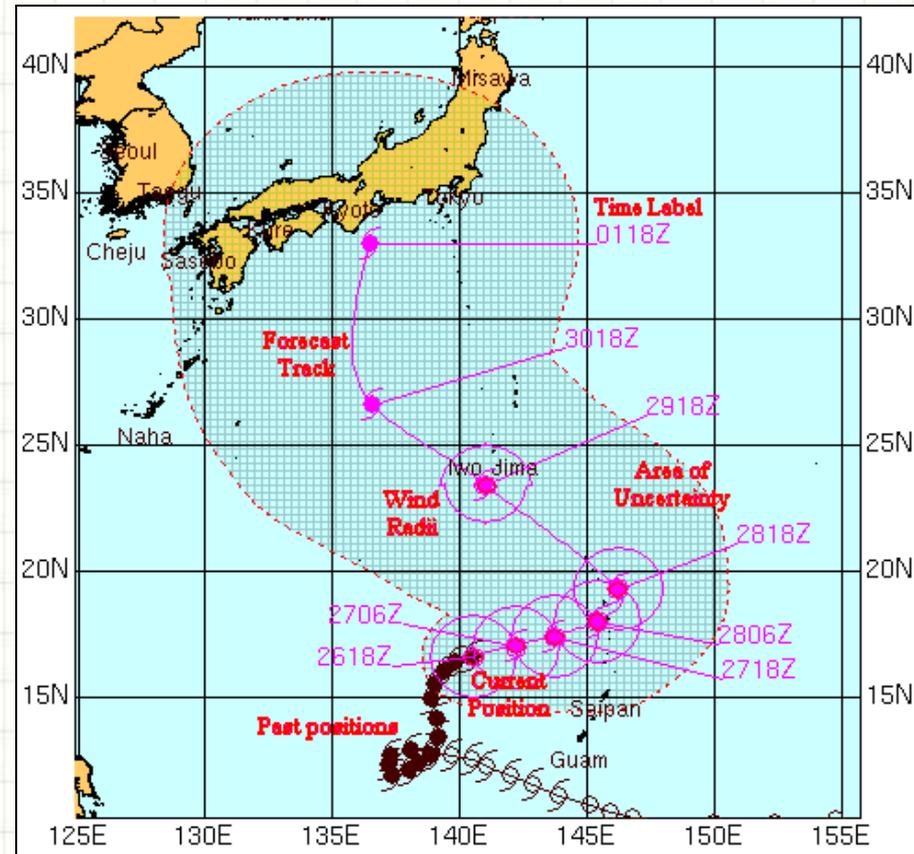
Storm Watch – The tropical cyclone is expected to pass dangerously close to the installation and any shift in track or increase in intensity may result in rapid elevation in CORs and destructive force winds occurring on short notice. At a minimum, damaging winds may be experienced when this condition is set.

COMFLEACT Typhoon Center Contact Information

Port Ops: 252-2313 /14 / 17

or

EOC: 252-6054



Past Positions – position of the Tropical Cyclone base on forecaster analysis (satellite and observations)

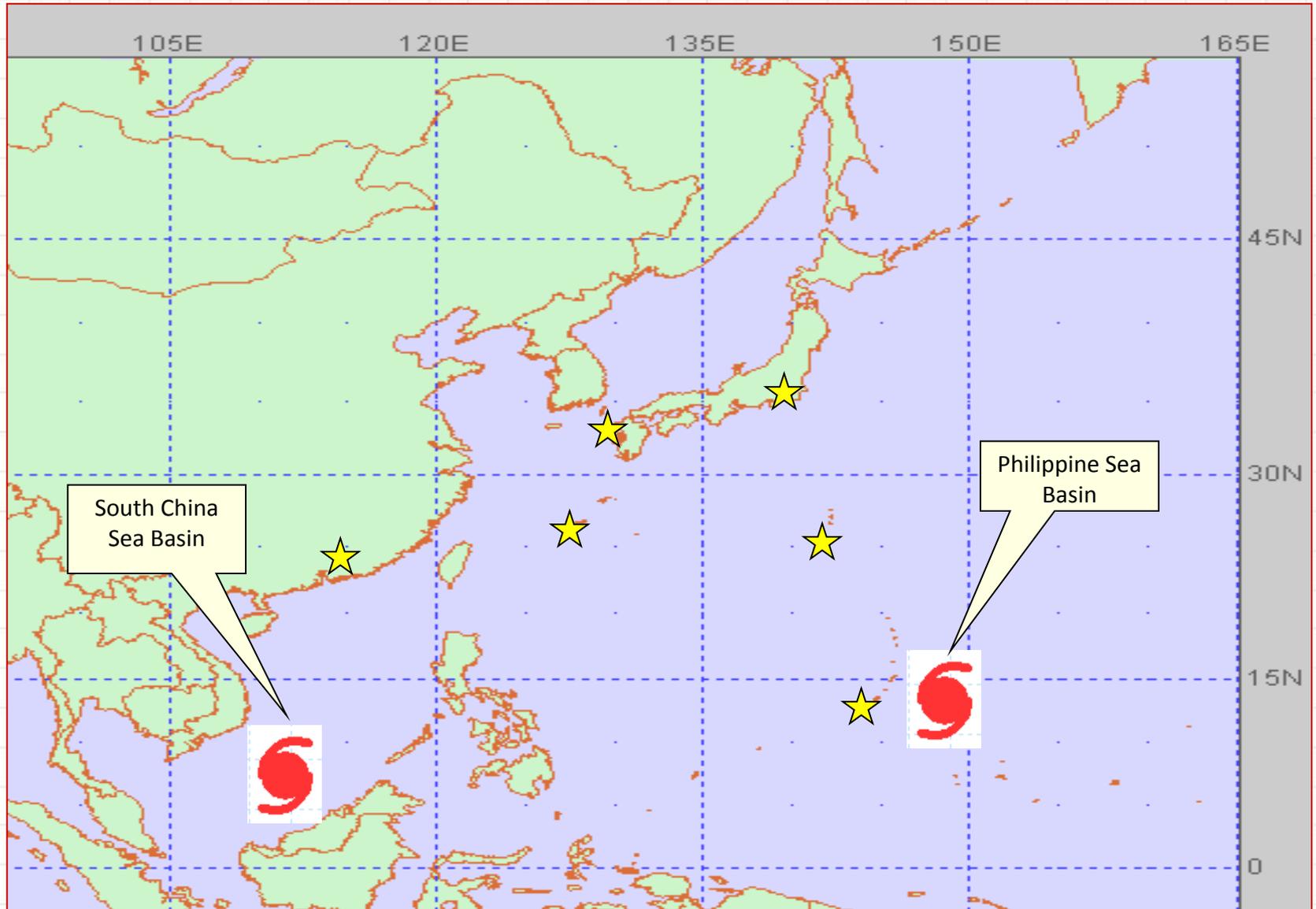
Current Position – position of the Tropical Cyclone. Position issued at 03/09/15/21L. Last black TC symbol

Forecast position – 12, 24, 36, 48, 72, 96 and 120 hour positions

Wind Radii – radius of 35kt (pink), 50kt (maroon) and 64kt (red) winds for current through 72 hour positions

Area of Uncertainty – hatched area surrounding forecast track. It's based on 35kt forecast wind radii and the historical average of forecast track error

Western Pacific Basins



WHAT ARE MY RESPONSIBILITIES



Family Preparedness

- Know the vulnerability of your home
 - Wind, flooding, storm surge
 - Locate a safe room or the safest areas in your home
 - Safest areas may not be your home but within your community
 - CFAS shelters / Cho community centers
- Determine escape routes
 - Have a family contact (single point of contact)
 - Pets need to evacuate
- Post emergency telephone numbers by all phones
 - Make sure your children know how and when to call 911 on base and 0956-50-0911 off base
- Review your insurance coverage
- Stock non-perishable emergency supplies
 - Disaster Preparedness Kit

Disaster Preparedness Kit at home or on the road (FEMA)

- **Water** - at least 1 gallon daily per person for 3 to 7 days
- **Food** - at least enough for 3 to 7 days
 - non-perishable packaged or canned food / juices
 - foods for infants
 - snack foods
 - non-electric can opener
 - cooking tools / fuel
 - paper plates / plastic utensils
- **Blankets / Pillows, etc.**
- **Clothing** - rain gear and sturdy shoes
- **First Aid Kit / Medicines / Prescription Drugs**
- **Special Items** - for babies
- **Toiletries / Hygiene items / Moisture wipes**
- **Flashlight / Batteries**
- **Radio** - Battery operated (Local if possible)
- **Telephones** - Fully charged cell phone with extra battery and a traditional (not cordless) telephone set
- **Cash (with some small bills) and Credit Cards** - Banks and ATMs may not be available for extended periods (Yen?)
- **Keys**
- **Toys, Books and Games**
- **Important documents** - in a waterproof container or watertight resealable plastic bag
 - insurance, medical records, bank account numbers, **Social Security card**, etc.
- **Tools** - keep a set with you during the storm
- **Vehicle fuel tanks filled**
- **Pet care items**
 - proper identification / immunization records / medications
 - ample supply of food and water
 - a carrier or cage
 - muzzle and leash

Summary

- Typhoon season is 1 June – 30 November
- Get Prepared
- Make a plan
- Inform your family members
- Complete your disaster kit

Resources

- CFAS Instruction 3006.1B

- CFAS Web Page

<http://www.cnic.navy.mil/Sasebo/Index.htm>

- CFAS Typhoon Pamphlet