

# Probabilistic Tropical Cyclone Surface Wind Speed elements for the North Pacific Ocean in the National Digital Forecast Database (NDFD)

## WMO Super Heading Reference

World Meteorological Organization (WMO) Headings have the format of T<sub>1</sub>T<sub>2</sub>A<sub>1</sub>A<sub>2</sub>ii CCCC.

WMO **super headings** are used to aggregate products for the same NDFD element and sector. These aggregate products contain individual products for all forecast periods.

Description of NDFD super heading schema, see:  
<http://www.nws.noaa.gov/datamgmt/doc/ndfdref.html>

### Explicit List of WMO Super Headings for Probabilistic Tropical Cyclone Surface Wind Speed elements for the North Pacific Ocean

WMO superheading	NDFD Element	Domain	“Valid Period” (Days 1- 3 or 4 - 7)
LAXZ98 KNHC	Tropical Cyclone Wind Speeds >34 kts (incremental)	North Pacific Ocean	Days 1-3
LBXZ98 KNHC	Tropical Cyclone Wind Speeds >34 kts (cumulative)	North Pacific Ocean	Days 1-3
LCXZ98 KNHC	Tropical Cyclone Wind Speeds >50 kts (incremental)	North Pacific Ocean	Days 1-3
LDXZ98 KNHC	Tropical Cyclone Wind Speeds >50 kts (cumulative)	North Pacific Ocean	Days 1-3
LEXZ98 KNHC	Tropical Cyclone Wind Speeds >64 kts (incremental)	North Pacific Ocean	Days 1-3
LFXZ98 KNHC	Tropical Cyclone Wind Speeds >64 kts (cumulative)	North Pacific Ocean	Days 1-3
LAXZ97 KNHC	Tropical Cyclone Wind Speeds >34 kts (incremental)	North Pacific Ocean	Days 4-7
LBXZ97 KNHC	Tropical Cyclone Wind Speeds >34 kts (cumulative)	North Pacific Ocean	Days 4-7
LCXZ97 KNHC	Tropical Cyclone Wind Speeds >50 kts (incremental)	North Pacific Ocean	Days 4-7
LDXZ97 KNHC	Tropical Cyclone Wind Speeds >50 kts (cumulative)	North Pacific Ocean	Days 4-7

LEXZ97 KNHC	Tropical Cyclone Wind Speeds >64 kts (incremental)	North Pacific Ocean	Days 4-7
LFXZ97 KNHC	Tropical Cyclone Wind Speeds >64 kts (cumulative)	North Pacific Ocean	Days 4-7

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**Generic WMO super heading for Long-fused Hazard element in NDFD:**

LT<sub>2</sub>A<sub>1</sub>Z<sub>ii</sub>

**Decoded:**

**T<sub>1</sub>:** T<sub>1</sub> = L for WMO superheadings for Probabilistic Tropical Cyclone Surface Wind Speed elements in NDFD

**T<sub>2</sub>: Element/parameter**

T<sub>2</sub> = A for Tropical Cyclone Wind Speeds >34 kts (incremental) in NDFD  
 B for Tropical Cyclone Wind Speeds >34 kts (cumulative) in NDFD  
 C for Tropical Cyclone Wind Speeds >50 kts (incremental) in NDFD  
 D for Tropical Cyclone Wind Speeds >50 kts (cumulative) in NDFD  
 E for Tropical Cyclone Wind Speeds >64 kts (incremental) in NDFD  
 F for Tropical Cyclone Wind Speeds >64 kts (cumulative) in NDFD

**A<sub>1</sub>: Area Designator for NDFD:**

X = North Pacific Ocean - new NDFD domain

(see <http://www.nco.ncep.noaa.gov/pmb/docs/on388/grids/grid204.gif>)

A<sub>2</sub> = Z for WMO headings for Tropical Cyclone Wind Speeds in NDFD

**ii** = indicates time range of grids for super headings

98 = Days 1-3

97 = Days 4-7

**CCCC = issuing office**

KNHC

Tropical Prediction Center/National Hurricane Center