

Wind Gust in the National Digital Forecast Database (NDFD)

WMO Super Heading Reference

Corrected 9/20/07

World Meteorological Organization (WMO) Headings have the format of T₁T₂A₁A₂ii 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 Wind Gust element in NDFD: [corrected CCCC in WMO headings listed in this section, as of 9/20/07]

YWAZ98 KWBN	Wind Gust – Puerto Rico and the Virgin Islands
YWBZ98 KWBN	Wind Gust - Northeast subsector
YWCZ98 KWBN	Wind Gust - Mid-Atlantic subsector
YWDZ98 KWBN	Wind Gust - Southeast subsector
YWEZ98 KWBN	Wind Gust - Eastern Great Lakes subsector
YWFZ98 KWBN	Wind Gust - Central Great Lakes subsector
YWGZ98 KWBN	Wind Gust - Upper Mississippi Valley subsector
YWHZ98 KWBN	Wind Gust - Central Mississippi Valley subsector
YWIZ98 KWBN	Wind Gust - Southern Mississippi Valley subsector
YWJZ98 KWBN	Wind Gust - Northern Plains subsector
YWKZ98 KWBN	Wind Gust - Central Plains subsector
YWLZ98 KWBN	Wind Gust - Southern Plains subsector
YWMZ98 KWBN	Wind Gust - Northern Rockies subsector
YWNZ98 KWBN	Wind Gust - Central Rockies subsector
YWOZ98 KWBN	Wind Gust - Southern Rockies subsector
YWPZ98 KWBN	Wind Gust - Pacific Northwest subsector
YWQZ98 KWBN	Wind Gust - Pacific Southwest subsector
YWSZ98 KWBN	Wind Gust - Hawaii
YWTZ98 KWBN	Wind Gust - Guam
YWUZ98 KWBN	Wind Gust - CONUS

Generic WMO super heading for Wind Gust element in NDFD:

YWA₁Z98

Decoded:

T₁:

T₁ = Y for WMO headings for wind gust in NDFD

T₂: Element/parameter

T₁ = W for wind gust

A₁: Area Designator for NDFD:

A = Puerto Rico and the Virgin Islands

B = Northeast subsector

C = Mid-Atlantic subsector

D = Southeast subsector

E = East Great Lakes subsector

F = Central Great Lakes subsector

G = Upper Mississippi Valley subsector

H = Central Mississippi Valley subsector

I = Southern Mississippi Valley subsector

J = Northern Plains subsector

K = Central Plains subsector

L = Southern Plains subsector

M = Northern Rockies subsector

N = Central Rockies subsector

O = Southern Rockies subsector

P = Pacific Northwest subsector

Q = Pacific Southwest subsector

R = Alaska [Wind Gust Not Currently Available]

S = Hawaii

T = Guam

U = CONUS

Refer to the following links for information about the NDFD domains and the 16 pre-defined NDFD CONUS subsectors:

- [.gif images](#) (Need to scroll down a bit to get the sector info)
- [Flash application](#) (rollover display)

A₂ = Z for WMO headings for wind gust in NDFD

ii = indicates time range of grids for super headings

98 = Days 1-3 Wind Gust is only available through 72 hours in NDFD

CCCC = issuing office

KWBN

NDFD Central Server

9/20/07