

WIND SPEED

STANDARD

Data following this standard should conform to the following:

DATA TYPE	Integer
SYNTAX	N or NN NOTE: Leading zeros are not required for wind codes 0 through 9.
RANGE	N represents a scale of 0 through 9, and NN represents a scale from 10 through 12; the full range of wind codes is 0-12.
RECOMMENDED FIELD NAME	WINDSPEED

INSTRUCTIONS

As of the approval date and whenever applicable, this data element will be used in any new automated system, data set, database, or information application, including new Geographic Information System (GIS) data and applications. This data element will also be used in any major modifications to existing systems or versions of these data-related items that use a wind scale to estimate and record wind speeds on land.

Service staff are strongly encouraged to utilize this data element in existing systems, data sets, databases, and information applications when appropriate. Where existing systems and data-related items are not in compliance, they should be modified to achieve compatibility and implement this data standard.

SAMPLE DATA FOLLOWING THIS STANDARD

Examples of data and/or lookups for data following this standard: N/A

RELATED REFERENCE INFORMATION AND RESOURCES

Applicable policies:

[Part 274, FW 2, Establishing Service Data Standards](#)

[Beaufort Scale](#) - Wikipedia site with history of the Beaufort scale

[North American Breeding Bird Survey](#), Weather Codes: Beaufort Wind Codes

[Federal Meteorological Handbook No. 1](#), *Surface Weather Observations and Reports*, September 2005: Chapter 5, Table 5-1, Estimating Wind Speed, includes specifications and wind velocity (knots) that are representative of the Beaufort scale. **NOTE:** the instructions in Chapter 12 for coding wind speed (in whole knots) do not apply to this data element standard.