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Module ncepgrib2

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[source code](#)

Version: 2.0.0

Classes

	Grib2Encode Class for encoding data into a GRIB2 message.
	Grib2Message Class for accessing data in a GRIB Edition 2 message.

Functions

	Grib2Decode (filename, gribmsg=False) source code Read the contents of a GRIB2 file.
	dump (filename, grbs) source code write the given Grib2Message instances to a grib file.

Variables

	<code>__package__</code> = None
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Function Details

[**Grib2Decode**](#)(filename, gribmsg=False) [source code](#)

Read the contents of a GRIB2 file.

Parameters:

- **filename** - name of GRIB2 file (default, gribmsg=False) or binary string representing a grib message (if gribmsg=True).

Returns:

a list of [Grib2Message](#) instances representing all of the grib messages in the file. Messages with multiple fields are split into separate messages (so that each [Grib2Message](#) instance contains just one data field). The metadata in each GRIB2 message can be accessed via [Grib2Message](#) instance variables, the actual data can be read using [Grib2Message.data](#), and the lat/lon values of the grid can be accesses using [Grib2Message.grid](#). If there is only one grib message, just the [Grib2Message](#) instance is returned, instead of a list with one element.

[**dump**](#)(filename, grbs) [source code](#)

write the given [Grib2Message](#) instances to a grib file.

Parameters:

- **filename** - file to write grib data to.

- **grbs** - a list of [Grib2Message](#) instances.

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