Releases

Version 000409 is the last BUFRDC full release. From this version on we will only release updated tables reflecting the latest changes in the WMO BUFR standard. We would recommend all users to consider migration to our new GRIB and BUFR encode/decoder ecCodes

File	Modified
ZIP Archive bufrdc-wmo-39.tar.gz	Feb 21, 2024 by Marijana Crepulja
ZIP Archive bufrdc-wmo-v40-v41.tar.gz	Feb 21, 2024 by Marijana Crepulja
ZIP Archive bufrdc-wmo-38.tar.gz	Sep 13, 2022 by Marijana Crepulja
ZIP Archive bufrdc_tables_wmo_v37.tar.gz	Jan 04, 2022 by Marijana Crepulja
ZIP Archive bufrdc_tables_wmo_v36.tar.gz	Jul 28, 2021 by Marijana Crepulja
ZIP Archive bufrdc_tables_wmo_v35.tar.gz	Jan 25, 2021 by Marijana Crepulja
ZIP Archive bufrdc_tables_wmo_v33.tar.gz	Dec 10, 2019 by Marijana Crepulja
ZIP Archive bufrdc_tables_wmo_v32.tar.gz	Dec 04, 2019 by Marijana Crepulja
ZIP Archive bufrdc_000409_update.tar.gz	Sep 02, 2019 by Marijana Crepulja
ZIP Archive bufrdc_tables-wmo_v31.tar.gz WMO BUFR Tables version 31	Jan 29, 2019 by Marijana Crepulja
ZIP Archive bufrdc_tables-4.1.2.tar.gz WMO BUFR Tables version 29	Jan 08, 2018 by Marijana Crepulja
ZIP Archive bufrdc_tables-4.1.1-Source.tar.gz WMO BUFR Tables version 28	May 30, 2017 by Marijana Crepulja
ZIP Archive bufrdc_000409.tar.gz	Jun 29, 2016 by mac
ZIP Archive bufrdc_000405.tar.gz	Jun 22, 2015 by mac
ZIP Archive bufrdc_000403.tar.gz	Nov 20, 2014 by mac
ZIP Archive bufrdc_000402.tar.gz	Aug 27, 2014 by mac
ZIP Archive bufrdc_000401.tar.gz Originally released 2014-06-18	Jun 20, 2014 by Daniel Varela Santoalla
ZIP Archive bufrdc_000400.tar.gz Originally released 2013-03-12	Jun 20, 2014 by Daniel Varela Santoalla
ZIP Archive bufrdc_000389.tar.gz Originally released 2012-03-30	Jun 20, 2014 by Daniel Varela Santoalla
ZIP Archive bufrdc_000388.tar.gz Originally released 2012-03-14	Jun 20, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000387.tar.gz Originally released 2011-02-18	Jun 20, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000386.tar.gz Originally released 2010-11-01	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000385.tar.gz Originally released 2010-07-07	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000384.tar.gz Originally released 2010-06-01	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000383.tar.gz Originally released 2010-02-24	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000381.tar.gz Originally released 2009-11-23	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000380.tar.gz Originally released 2009-07-28	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000370.tar.gz Originally released 2009-05-01	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000360.tar.gz Originally released 2008-09-29	Jun 19, 2014 by Daniel Varela Santoalla

ZIP Archive bufr_000351.tar.gz Originally released 2008-02-12	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000350.tar.gz Originally released 2007-11-29	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000340.tar.gz Originally released 2007-09-03	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000320.tar.gz Originally released 2007-04-05	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000310.tar.gz Originally released 2006-11-21	Jun 19, 2014 by Daniel Varela Santoalla
ZIP Archive bufr_000300.tar.gz Originally released 2006-05-04	Jun 19, 2014 by Daniel Varela Santoalla

Download All

BUFRDC library have been tested for different machine architectures that exist in ECMWF:

- Decalpha - Compaq Fortran 90, C++ compilers
- Hppa - HP Fortran and C compilers
- Linux - The Portland Group compilers pgf90 and pgcc, Gnu project gcc, g77 compilers
- Rs6000 - XL Fortran for AIX- C for AIX Compiler, Version 5
- Sgimips - MIPSpro F77 compiler- MIPS C compiler
- Sun4 - Forte Developer 7 Fortran 95 compiler SunOS/BSD Compatibility Package C compiler

It is possible to use other options for the compilation of source code versions than those which are offered. For example: modifying the configuration files; changing the level of optimisation; etc. The make utility can be used repeatedly. It will only cause the re-compilation of routines which have been modified since the previous make.

You can install BUFRDC library on Windows only if you have Cygwin linux-like environment for Windows and Gnu compilers.

Installation is possible on Mac OS 10.1 onward using Gnu compilers.

The number of bits in the representation of real numbers can be chosen between 32bits and 64bits for all compilers apart from the Gnu compilers.

The library is static and its name follows the normal UNIX convention (it starts with lib and ends in .a), so the library can be specified in the compile/link command using the
standard ld convention, for example:

```
f77 -o program program.f -lbufr
```

Packages contains example for the BUFR decoding and number of useful tools for conversion from BUFR to CREX and vice versa.

IF build_library SCRIPT IS USED TO BUILD THE LIBRARY AND install SCRIPT TO INSTALL LIBRARY AND TABLES, IT IS NOT NECESSARY TO SET ENVIRONMENTAL VARIABLE BELOW THAT POINT TO THE TABLES!

After successfully installation the location of BUFR tables could be specified by putting the specification of the environment variables in your startup files(. profile, ...) to ensure you have access to the tables upon future logins.
Thus:

Bourne or Korn shell

```
BUFR_TABLES = "chosen directory"/bufrtables/
export BUFR_TABLES
```

C-shell

```
setenv BUFR_TABLES "chosen directory"/bufrtables/
```

Please note:

All software items above are available in the format "* .tar.gz" ie gzipped and tarred source for use with Unix or Linux based systems.