|  |  |
| --- | --- |
| **Dataset title** | Lough Feeagh water temperature profiles |
| **Dataset Creators/ Author/ Contributor** | Elvira de Eyto, Mary Dillane, Tadhg Moore, Harriet Wilson, Joseph Cooney, Pat Hughes, Michael Murphy, Pat Nixon, David Sweeney, Russell Poole |
| **Dataset subject** | Inland waters; Water temperature |
| **Dataset abstract/ Description** | A permanently moored thermistor chain at the deepest point in Lough Feeagh measures water temperature at 13 depths (0.9, 2.5, 5, 8, 11, 14, 16, 18, 20, 22, 27, 32, 42). This dataset comprises data collected between 2004 and 2019 which has gone through detailed QA/QC, details of which can be found in the readme file. More recent data can be requested or downloaded from the Marine Institute through [www.marine.ie](http://www.marine.ie). We also include the bathymetry file for Lough Feeagh. |
| **Dataset period/ Coverage** | 1/1/2004 to 31/12/2019 |
| **Dataset spatial/ coverage** | 53.9458299N, -9.5778301W |
| **Dataset file format** | .wtr format (text file)  This can be opened through a text editor, or directly through rLakeAnlyzer <https://cran.r-project.org/web/packages/rLakeAnalyzer/rLakeAnalyzer.pdf> |
| **Dataset file size(s)** | 464mB |
| **Dataset language** | English |
| **Dataset discovery metadata record** | We will be provide this for you |
| **Dataset publisher** | Marine Institute |
| **Dataset publication date/ issue date** | We will be provide this for you |
| **Dataset DOI** | We will be provide this for you |
| **Dataset citation text** | We will be provide this for you |
| **Links to data files & usage metadata** |  |
| **Dataset licence chosen (CC-BY)** |  |