

# MFE SENSOR DATABASE

## Schema

Kaija Gahm  
2021-05-17

lakeID column connects to the LAKES table in the regular MFE database.

LAKES - MFE Database  
★ lakeID

Data tables — DO used as an example. Each has a raw and corrected version. All join to rest of db in the same way.

DO - RAW  
★ lakeID  
★ location  
★ dateTime  
metadataID  
updateID

UNITS  
★ table Name  
★ Col/Name  
updateID

SITES  
★ lakeID  
★ location  
updateID

UPDATE - METADATA  
★ updateID

Key to the change codes that appear in each \*\_CORR data table.

CHANGES - CODE KEY  
★ changesCode  
updateID

DO - CORR  
★ lakeID  
★ location  
★ dateTime  
changesCodeTemp  
changesCodeDO  
metadataID  
updateID

METADATA  
★ metadataID  
updateID

### OTHER DATA TABLES : RAW/CORR

- HOBO - METSTATION
- HOBO - PRESS
- HOBO - TCHAIN
- PRECIP
- YSI