```
## [1] "3420 rows and 7 columns"

## [1] "Column names are in row 3"

## The data we want is in column 2 (date-time)
##  and in column 3 (temperature measurements).
##  We may want the data in column 1 (observation number)

##   X. Date.Time..GMT.06.00
## 1  1        5/3/2023 0:00
## 2  2        5/3/2023 1:00
## 3  3        5/3/2023 2:00
## 4  4        5/3/2023 3:00
## 5  5        5/3/2023 4:00
## 6  6        5/3/2023 5:00
##   Temp...C..LGR.S.N..10182214..SEN.S.N..10182214.
## 1                                          12.497
## 2                                          12.304
## 3                                          12.013
## 4                                          12.110
## 5                                          12.110
## 6                                           8.481
##   Coupler.Attached..LGR.S.N..10182214.
## 1                                   NA
## 2                                   NA
## 3                                   NA
## 4                                   NA
## 5                                   NA
## 6                                   NA
##   Host.Connected..LGR.S.N..10182214.
## 1                                 NA
## 2                                 NA
## 3                                 NA
## 4                                 NA
## 5                                 NA
## 6                                 NA
##   Stopped..LGR.S.N..10182214.
## 1                          NA
## 2                          NA
## 3                          NA
## 4                          NA
## 5                          NA
## 6                          NA
##   End.Of.File..LGR.S.N..10182214.
## 1                              NA
## 2                              NA
## 3                              NA
## 4                              NA
## 5                              NA
## 6                              NA

## [1] 3417    3

## [1] "integer"
```

```
## [1] "character"
```

```
## [1] "numeric"
```

```
##   obs date_time_chr temperature
## 1   1 5/3/2023 0:00      12.497
## 2   2 5/3/2023 1:00      12.304
## 3   3 5/3/2023 2:00      12.013
## 4   4 5/3/2023 3:00      12.110
## 5   5 5/3/2023 4:00      12.110
## 6   6 5/3/2023 5:00       8.481
```

```
##   obs date_time_chr temperature           date_time
## 1   1 5/3/2023 0:00      12.497 2023-05-03 00:00:00
## 2   2 5/3/2023 1:00      12.304 2023-05-03 01:00:00
## 3   3 5/3/2023 2:00      12.013 2023-05-03 02:00:00
## 4   4 5/3/2023 3:00      12.110 2023-05-03 03:00:00
## 5   5 5/3/2023 4:00      12.110 2023-05-03 04:00:00
## 6   6 5/3/2023 5:00       8.481 2023-05-03 05:00:00
```

```
##   obs date_time_chr temperature           date_time year
## 1   1 5/3/2023 0:00      12.497 2023-05-03 00:00:00 2023
## 2   2 5/3/2023 1:00      12.304 2023-05-03 01:00:00 2023
## 3   3 5/3/2023 2:00      12.013 2023-05-03 02:00:00 2023
## 4   4 5/3/2023 3:00      12.110 2023-05-03 03:00:00 2023
## 5   5 5/3/2023 4:00      12.110 2023-05-03 04:00:00 2023
## 6   6 5/3/2023 5:00       8.481 2023-05-03 05:00:00 2023
##   month day
## 1     5   3
## 2     5   3
## 3     5   3
## 4     5   3
## 5     5   3
## 6     5   3
```

```
## `summarise()` has grouped output by 'year', 'month'. You can
## override using the `.groups` argument.
```

```
## # A tibble: 6 x 4
## # Groups:   year, month [1]
##    year month   day daily_mean
##   <dbl> <dbl> <int>      <dbl>
## 1  2023     5     3       17.1
## 2  2023     5     4       16.2
## 3  2023     5     5       12.6
## 4  2023     5     6       11.3
## 5  2023     5     7       11.1
## 6  2023     5     8       14.5
```

```
## # A tibble: 6 x 5
## # Groups:   year, month [1]
##    year month   day daily_mean date
```

```
##   <dbl> <dbl> <int>      <dbl> <date>
## 1  2023     5     3       17.1 2023-05-03
## 2  2023     5     4       16.2 2023-05-04
## 3  2023     5     5       12.6 2023-05-05
## 4  2023     5     6       11.3 2023-05-06
## 5  2023     5     7       11.1 2023-05-07
## 6  2023     5     8       14.5 2023-05-08
```