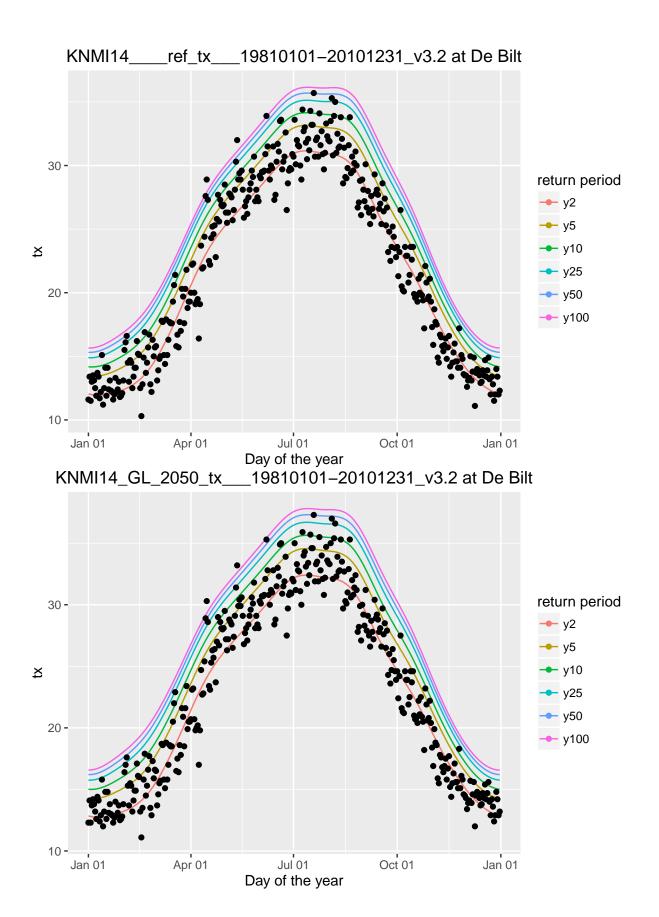
## Return Levels for De Bilt

Martin Roth
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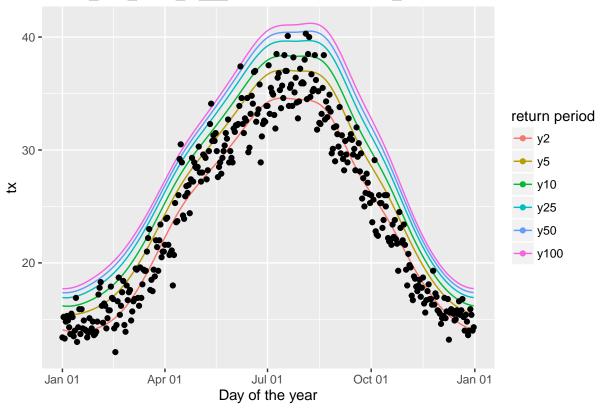
## KNMI pluim

The calculation for the current version of KNMI pluim climate information was done using the knmipluim package (version 0.0.0.9002).

```
result <- foreach(f = iter(txFiles)) %do% {</pre>
  tmp <- fread(pasteO(inputPath, "/", f))</pre>
  setnames(tmp, c("date", unlist(tmp[1, -1, with=FALSE])))
  tmp <- tmp[date != 0]</pre>
  tmp[, date := as.Date(paste(date), format = "%Y%m%d")]
  baseName <- strsplit(f, ".txt")[[1]]</pre>
  tmp <- melt(tmp, id.vars = "date", variable.name = "station", value.name = "tx")</pre>
  tmp[, station := as.character(station)]
  tmpStation <- foreach(s = iter(unique(tmp[, station]))) %do% {</pre>
    maxDat <- tmp[station == s]</pre>
    retClim <- ReturnLevelClimatology(maxDat, "tx", "max",</pre>
                                  windowSize = windowSize,
                                  kLoc = 15, kScale = 8, kShape = 4)
    if (s == "260") {
      p <- PlotReturnLevels(retClim)</pre>
      print(p + ggtitle(paste(baseName, "at De Bilt")))
    retClim <- retClim$returnLevels</pre>
    retClim[, baseName := baseName]
    retClim[, station := s]
    write.csv(retClim, file = paste0(outputPath, "/tx_retLevel", baseName, "_", s, ".csv"), row.names = ?
  }
  return(tmpStation)
}
```



## KNMI14\_WH\_2050\_tx\_\_\_19810101-20101231\_v3.2 at De Bilt



```
result <- foreach(f = iter(tnFiles)) %do% {</pre>
  tmp <- fread(pasteO(inputPath, "/", f))</pre>
  setnames(tmp, c("date", unlist(tmp[1, -1, with=FALSE])))
  tmp <- tmp[date != 0]</pre>
  tmp[, date := as.Date(paste(date), format = "%Y%m%d")]
  baseName <- strsplit(f, ".txt")[[1]]</pre>
  tmp <- melt(tmp, id.vars = "date", variable.name = "station", value.name = "tn")</pre>
  tmp[, station := as.character(station)]
  tmpStation <- foreach(s = iter(unique(tmp[, station]))) %do% {</pre>
    minDat <- tmp[station == s]</pre>
    retClim <- ReturnLevelClimatology(minDat, "tn", "min",</pre>
                                  windowSize = windowSize,
                                  kLoc = 15, kScale = 8, kShape = 4)
    if (s == "260") {
      p <- PlotReturnLevels(retClim)</pre>
      print(p + ggtitle(paste(baseName, "at De Bilt")))
    retClim <- retClim$returnLevels</pre>
    retClim[, baseName := baseName]
    retClim[, station := s]
    write.csv(retClim, file = paste0(outputPath, "/tn_retLevel", baseName, "_", s, ".csv"), row.names = ?
  return(tmpStation)
```

