Hengst Chapter 2: B)

2019 and 2020 temperature ranges

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
##
  -- Column specification -----
## cols(
     site = col_character(),
##
     Date_time = col_datetime(format = ""),
##
     degf_avg = col_double(),
##
     degf_lo = col_double(),
##
##
     degf_hi = col_double(),
##
     rh_avg = col_double()
## )
## # A tibble: 18,969 x 6
##
      site
                Date time
                                     degf avg degf lo degf hi rh avg
                <dttm>
                                                 <dbl>
                                                         <dbl>
      <chr>
                                        <dbl>
                                                                <dbl>
##
   1 UCKearney 2019-05-16 17:00:00
                                          56.1
                                                  55.4
                                                          56.8
                                                                 83.0
    2 UCKearney 2019-05-16 18:00:00
                                         57.5
                                                  56.1
                                                          58.6
##
                                                                 81.7
##
   3 UCKearney 2019-05-16 19:00:00
                                         55.0
                                                  53.8
                                                          56.8
                                                                 90.4
                                                  52.9
   4 UCKearney 2019-05-16 20:00:00
                                         53.5
                                                          54.1
                                                                 95.1
   5 UCKearney 2019-05-16 21:00:00
                                         52.4
                                                  52
                                                          52.9
                                                                 97.7
##
##
   6 UCKearney 2019-05-16 22:00:00
                                         52.3
                                                  52
                                                          52.7
                                                                 97.2
##
   7 UCKearney 2019-05-16 23:00:00
                                         53.1
                                                  52.7
                                                          53.6
                                                                 90.3
                                         53.2
  8 UCKearney 2019-05-17 00:00:00
                                                  52.7
                                                          53.8
                                                                 89.2
## 9 UCKearney 2019-05-17 01:00:00
                                         52.3
                                                  51.6
                                                          53.1
                                                                  93.3
## 10 UCKearney 2019-05-17 02:00:00
                                         52.5
                                                  52.2
                                                          52.9
                                                                 91.6
## # ... with 18,959 more rows
```

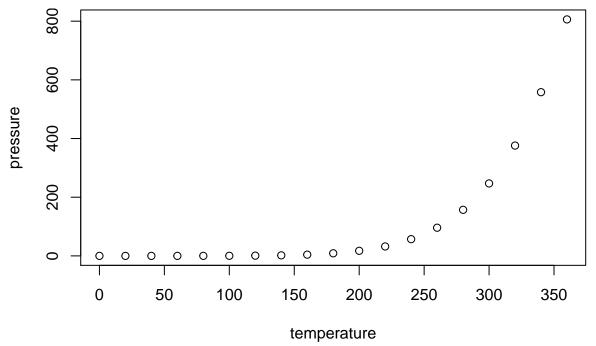
2019 <61F: Percent nights by month

`summarise()` has grouped output by 'site', 'mnth'. You can override using the `.groups` argument.
`summarise()` has grouped output by 'site'. You can override using the `.groups` argument.

site	Jun	Jul	Aug	Sep	Oct	May	Nov
MWoolf_east	70.37037	74.19355	70.96774	96.66667	100	0	0
MWoolf_west	90.00000	83.87097	100.00000	96.66667	100	100	0
Perez	92.59259	96.77419	74.19355	93.33333	100	0	100
UCKearney	86.66667	80.64516	80.64516	96.66667	100	100	100
usda	76.66667	70.96774	74.19355	90.00000	100	100	0

Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.