

# (not-Ranadu) Ways of getting data into R: tables

`read.table ()`

- Easy way to read data in text spreadsheet form:  
export from Excel in CSV format;  
`read.table` with the same separator as the argument
- other options include 'header' and 'skip'
- The 'file' argument can also be a complete URL. This URL (modified to select the latest time) will download the current Denver sounding as a data.frame.

```
Names <- read.table(file = URL_UW, skip = 7, nrows = 1)
A <- read.table(file = URL_UW, skip = 13, nrows = 70,
  col.names = as.vector(t(Names))) ## loads data.frame
head(A) ## prints top of the data.frame
```

##		PRES	HGHT	TEMP	DWPT	RELH	MIXR	DRCT	SKNT	THTA	THTE	THTV
##	1	846.0	1625	-0.3	-17.3	26	1.17	185	5	286.2	289.9	286.4
##	2	842.0	1663	2.0	-17.0	23	1.21	198	5	289.0	292.8	289.2
##	3	837.0	1711	9.2	-18.8	12	1.04	215	4	297.1	300.5	297.3
##	4	825.1	1829	10.7	-20.0	10	0.95	255	3	299.8	303.0	300.0
##	5	819.0	1890	11.4	-20.6	9	0.91	245	3	301.3	304.3	301.4
##	6	794.7	2134	9.6	-20.9	10	0.92	205	3	301.9	305.0	302.1