How to get site data into a GRASS location

GRASS data are stored using a long series of nested directories ("folders"). Each one of you has a folder within the bv and demo "locations" or directories. One of the possible directories within your directory is called "site_lists. Here is the contents of one file conained in the demo location called "wind.vel" Notice the layout. The name, the description, then x,y,cat#.

```
name|wind.vel
desc|a totally fictitious dataset describing wind velocity
615715|4157695|#30
614605|4154245|#45
611905|4153675|#15
610915|4157575|#14
618955|4151575|#35
618505|4157215|#18
621115|4157635|#11
610885|4151125|#17
```

Display these data using the commands
d.rast dem
d.sites wind.vel co=black

You can build your own input to these programs simply typing
s.in.ascii
and then entering a new site-map name.
Try it and give it the name **dem_sites.** Don't put anything in for the input option and use the space (it's the default, hit return) for the input field separator. Copy the data into the command when it prompts you with the following lines.

```
Enter sites, one per line, in the format: east north description
When finished, type: end
east north desc>
```

(these are the data to cut and paste)
(I got these data from the DEM using d.what.rast -t)

```
615745 4157785 892
615745 4157515 864
615745 4156525 760
615295 4155385 711
614845 4154665 549
613345 4157815 414
614215 4154815 353
611275 4156915 276
613795 4154395 250
611485 4152985 308
614095 4152265 278
617005 4151755 351
618955 4151155 697
619315 4152505 593
620095 4153585 604
620755 4154605 460
620935 4153135 364
621355 4154095 317
619495 4154125 431
618145 4152865 374
618475 4154125 256
618775 4155955 244
620905 4155085 274
621115 4156375 245
620725 4157905 246
618865 4157635 340
```

Then type "end"and display your handiwork using
`d.sites dem_sites co=black`

When you're done, go back the the[Tutorial Page]

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