

HOST data format

The following describes the basic HOST grid file plus (i) the file giving the dominant class (_dom).and (ii) the files giving the percentage distribution (_items.one and _items.two) and Normally you will have either (i) or (ii), but not both. The example files shown below are for a rectangle of 4 columns by 2 rows of SW corner 500 km, 400 km.

Basic HOST grid (name: host_classes_xy

description: a matrix of all the 1km squares (each identified by its grid reference e.g. 3010601 for 301 km E, 601 km N) in Arc/Info gridascii format, e.g.

```
NCOLS 4
NROWS 2
XLLCORNER 500000
YLLCORNER 400000
CELLSIZE 1000
NODATA_VALUE -1
5000401 5010401 5020401 5030401
5000400 5010400 5020400 5030400
END
```

Dominant class file (name: host_classes_dom

description: file contains one record for each of the 1 km squares, giving the dominant HOST class, e.g.

```
5000400, 9
5000401, 9
5010400, 9
5010401, 9
5020400, 25
5020401, 25
5030400, 25
5030401, 24
```

HOST detailed breakdown files (name: host_classes_items.one and host_classes_items.two)

host_classes_items.one : description: file contains one record for each of the 1 km squares, giving the percentage of the square occupied by HOST classes 1 to 15, e.g.

```
5000400, 0, 0, 0, 0, 0, 0, 0, 0, 90, 4, 6, 0, 0, 0, 0
5000401, 0, 0, 0, 0, 0, 0, 0, 0, 100, 0, 0, 0, 0, 0, 0
5010400, 0, 0, 0, 0, 0, 0, 0, 0, 53, 19, 28, 0, 0, 0, 0
5010401, 0, 0, 0, 0, 0, 0, 0, 0, 58, 8, 11, 0, 0, 0, 0
5020400, 0, 0, 0, 0, 0, 0, 0, 0, 19, 7, 11, 0, 0, 0, 0
5020401, 0, 0, 0, 0, 0, 0, 0, 0, 8, 3, 5, 0, 0, 0, 0
5030400, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 1, 0, 0, 0, 0
5030401, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
```

host_classes_items.two: description: file contains one record for each of the 1 km squares, giving the percentage of the square occupied by HOST classes 16 to 29 and 98 (lake) and 99 (unclassified), e.g.

```
5000400, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
5000401, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
5010400, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
5010401, 0, 0, 0, 0, 4, 0, 0, 2, 0, 17, 0, 0, 0, 0, 0
5020400, 0, 0, 0, 0, 11, 0, 0, 7, 0, 45, 0, 0, 0, 0, 0
5020401, 0, 0, 0, 0, 14, 0, 0, 9, 0, 61, 0, 0, 0, 0, 0
5030400, 0, 0, 0, 0, 11, 0, 0, 7, 33, 46, 0, 0, 0, 0, 0
5030401, 0, 0, 0, 0, 7, 0, 0, 4, 61, 28, 0, 0, 0, 0, 0
```