

#### VI.5.4-XDAT-PARM XDAT PARAMETER FILES

Program XDAT uses parameter files to set values for each user.

The parameter files are:

- o `$(xdat_groups_dir)/groups`
- o `$(xdat_params)/pe_map`

groups:

This file contains information about station groups.

The file 'groups' has the number of groups on the first line followed by the group file names on separate lines.

Sample input for file 'groups':

```
1
towns_nc
```

The group files have the number of stations on the first line followed by the station name and SHEF PE code on separate lines.

Sample input for file towns\_nc:

```
11
BEANC PP
DARNC PP
BLBNC PP
AFTNC PP
MTNNC PP
JOSNC PP
FEENC PP
LNENC PP
HANNC PP
WMTNC PP
WAUNC PP
```

pe\_map:

This file maps the SHEF Physical Element (PE) codes to their corresponding table name in the Informix database.

For most of the physical element codes (i.e. HG, HT, XC, UD, etc.) only the first letter is needed. However, with precipitation and pressure the full PE code (PP, PC, etc.) to determine which table name will be used.

Comments start with a '#' and blank records are allowed.

The first column contains the SHEF PE code.

The second column contains the Informix table name.

The third column is optional of specified is a new table name.

Sample contents:

```
# file pe_map
#
#PE code Table Name
#-----
A      agricultural
B      agricultural
C      agricultural
D      _no_table_
E      evaporation
F      _no_table_
G      ground
H      height
I      ice
J      _no_table_
K      _no_table_
L      lake
M      moisture
N      obsvalue      gatedam      # new in data base version 5
O      _no_table_
PA     pressure
PC     rawpc
PD     pressure
PE     pressure
PF     rawpother
PL     pressure
PM     rawpother
PN     rawpother
PP     rawpp
PR     rawpother
PT     rawpother
PY     rawpother
Q      discharge
R      radiation
S      snow
T      temperature
U      wind
V      _no_table_
W      _no_table_
X      weather
Y      yunique
Z      _no_table_
```