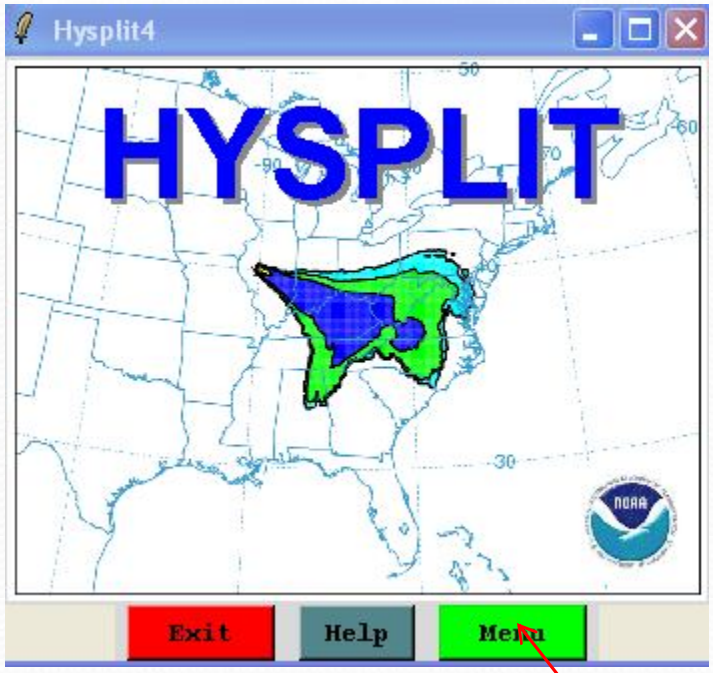
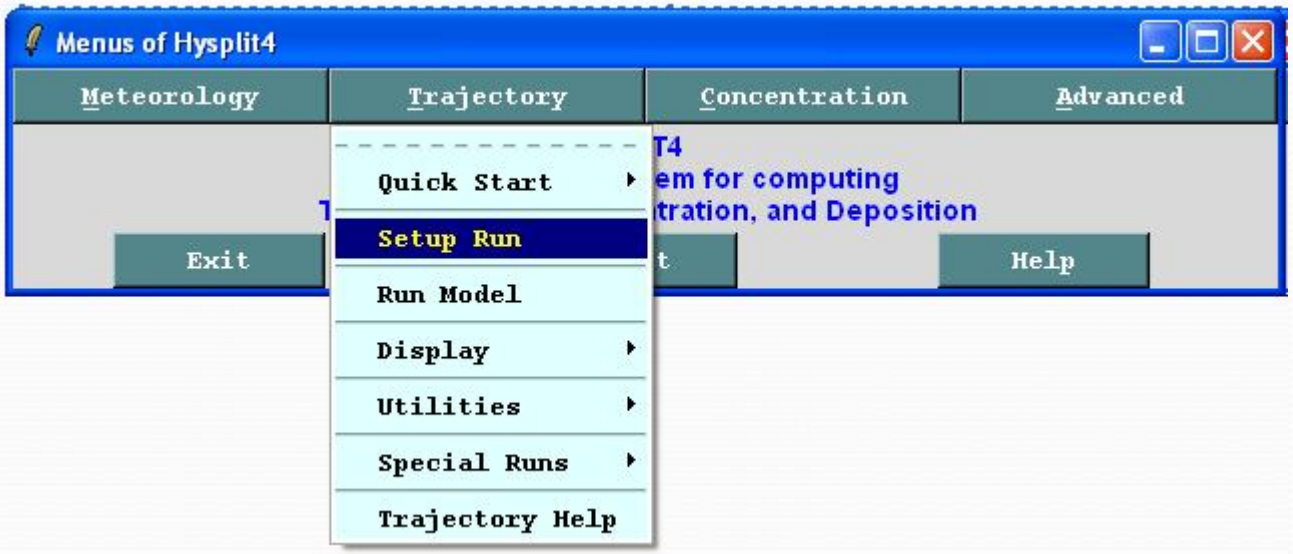
MOHD TALIB LATIF

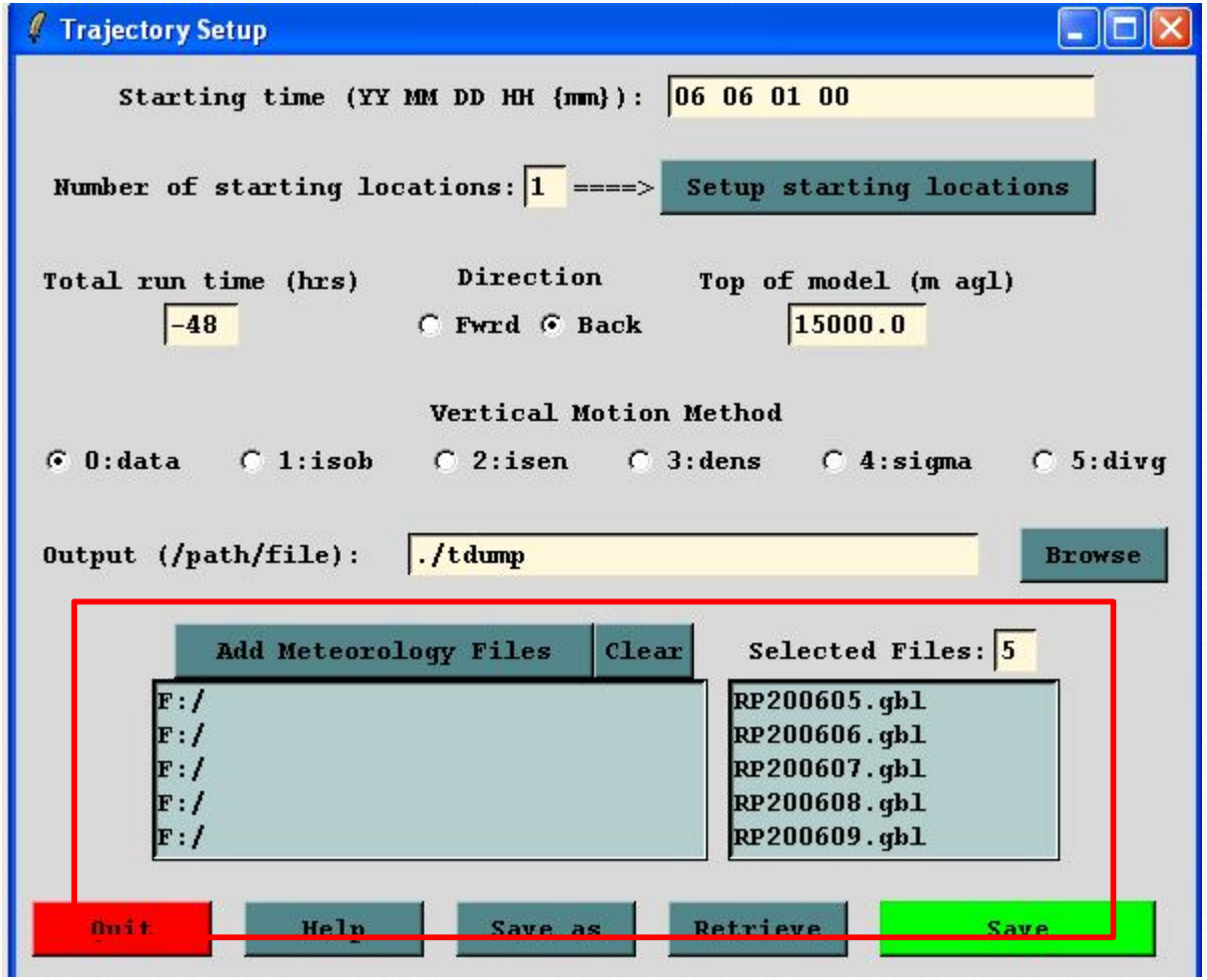

Hysplit4
HYSPLIT
Exit
Help
Menu

Main Menu

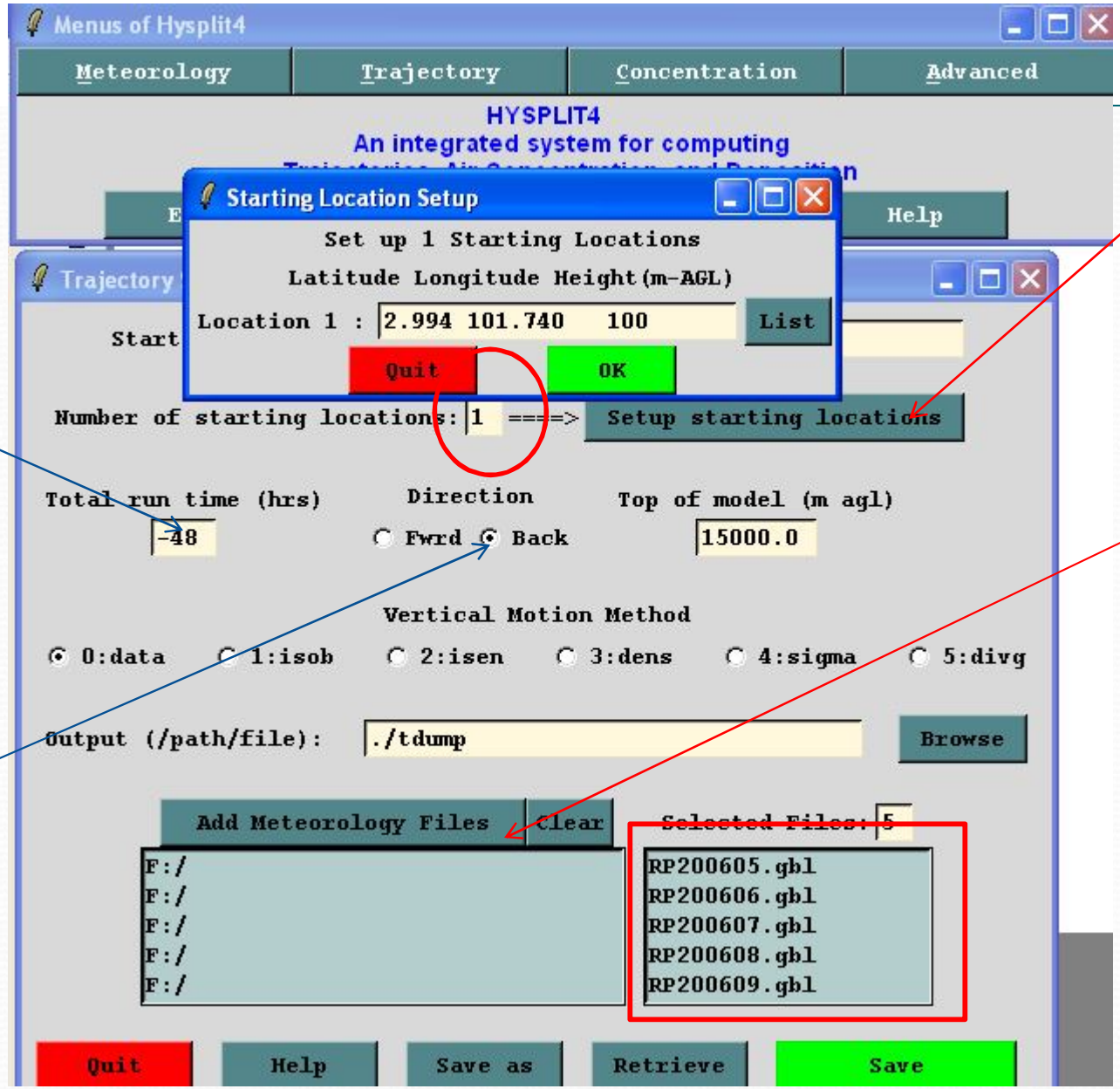

Menus of Hysplit4
Meteorology
Trajectory
Concentration
Advanced
HYSPLIT4
An integrated system for computing
Trajectories, Air Concentration, and Deposition
Exit
Reset
Help

Setup Run

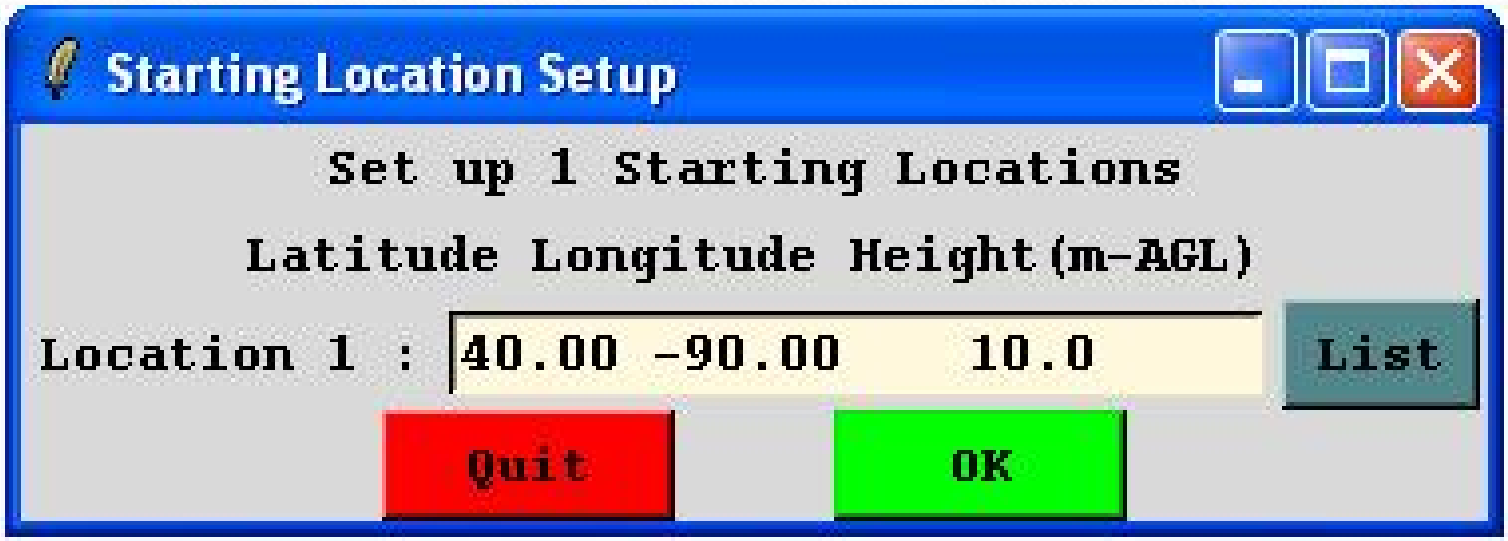

Menus of Hysplit4
Meteorology
Trajectory
Concentration
Advanced
Quick Start
Setup Run
Run Model
Display
Utilities
Special Runs
Trajectory Help
T4
em for computing
tration, and Deposition
Exit
Help

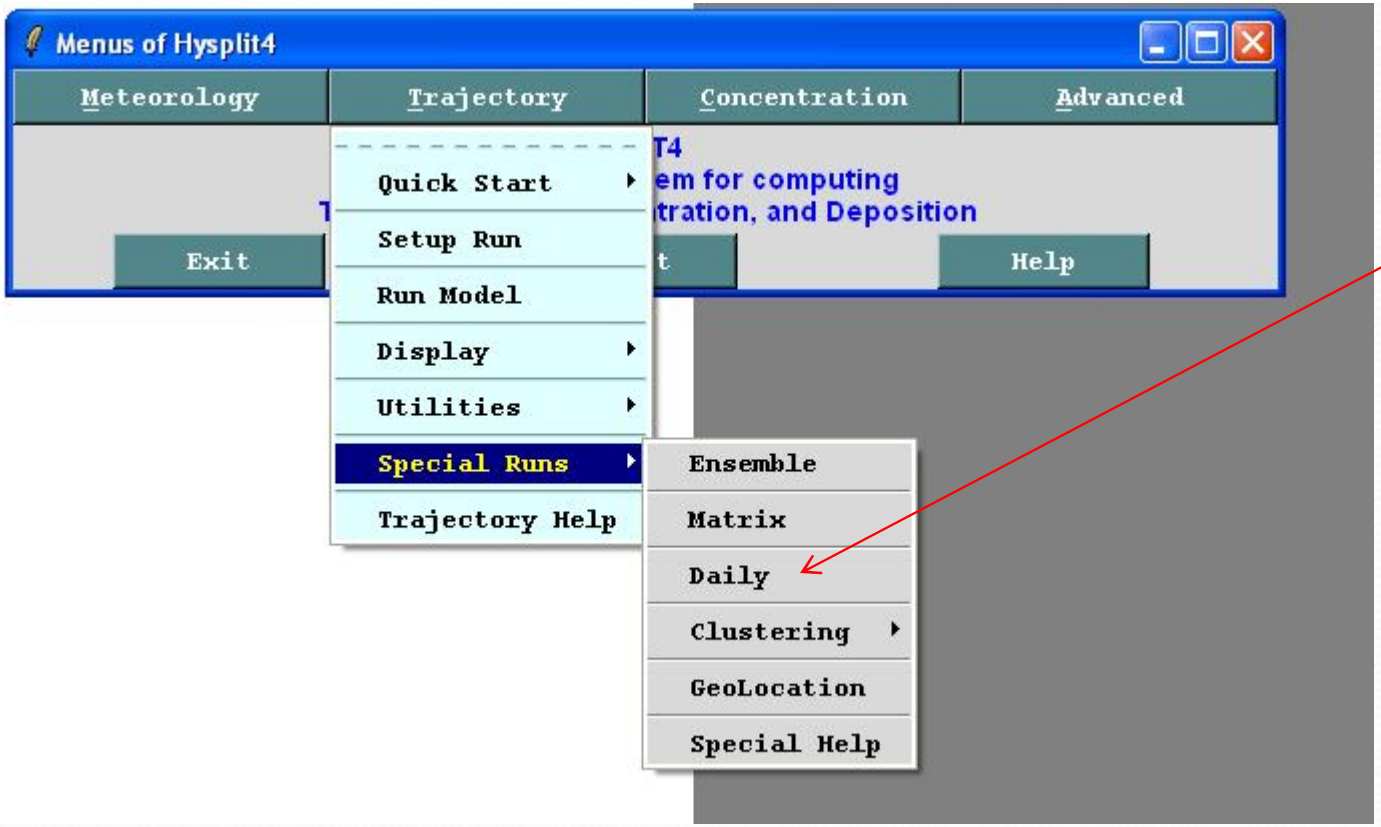


Met data is needed to be in the range of trajectory analyses

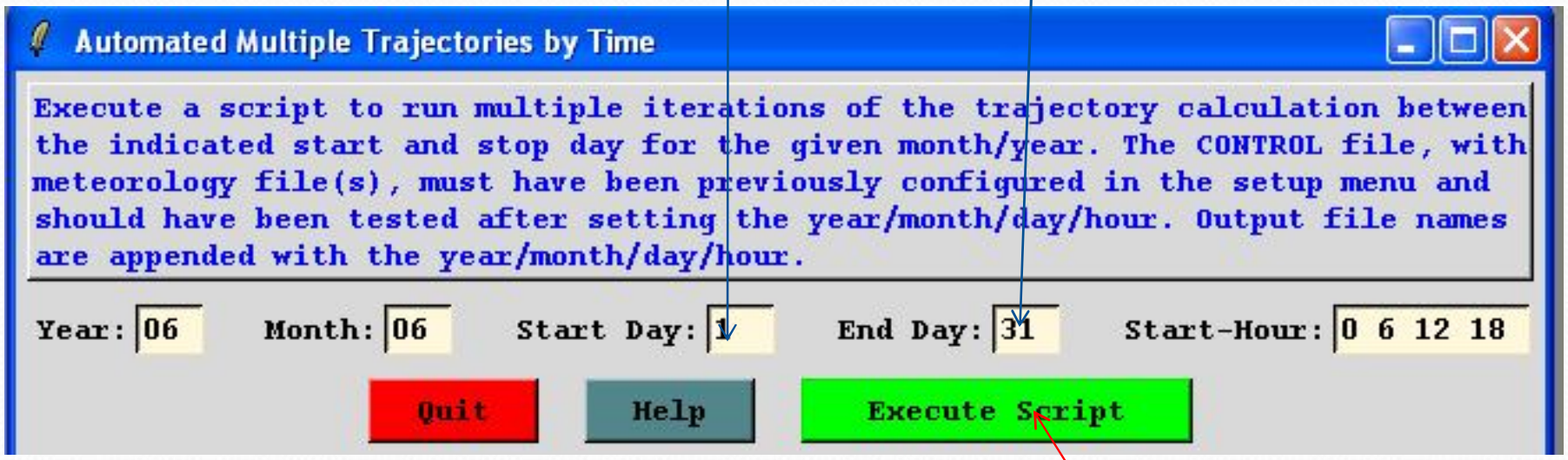

Menus of Hysplit4
Meteorology
Trajectory
Concentration
Advanced
HYSPLIT4
An integrated system for computing
Help
Starting Location Setup
Set up 1 Starting Locations
Latitude Longitude Height(m-AGL)
Location 1 : 2.994 101.740 100
List
Quit
OK
Trajectory
Start
Number of starting locations: 1 ====> Setup starting locations
Total run time (hrs)
-48
Direction
Fwrd
Back
Top of model (m agl)
15000.0
Vertical Motion Method
0:data
1:isob
2:isen
3:dens
4:sigma
5:divg
Output (/path/file):
./tdump
Browse
Add Meteorology Files
Clear
Selected Files: 5
F:/
F:/
F:/
F:/
F:/
RP200605.gbl
RP200606.gbl
RP200607.gbl
RP200608.gbl
RP200609.gbl
Quit
Help
Save as
Retrieve
Save

Setup Location

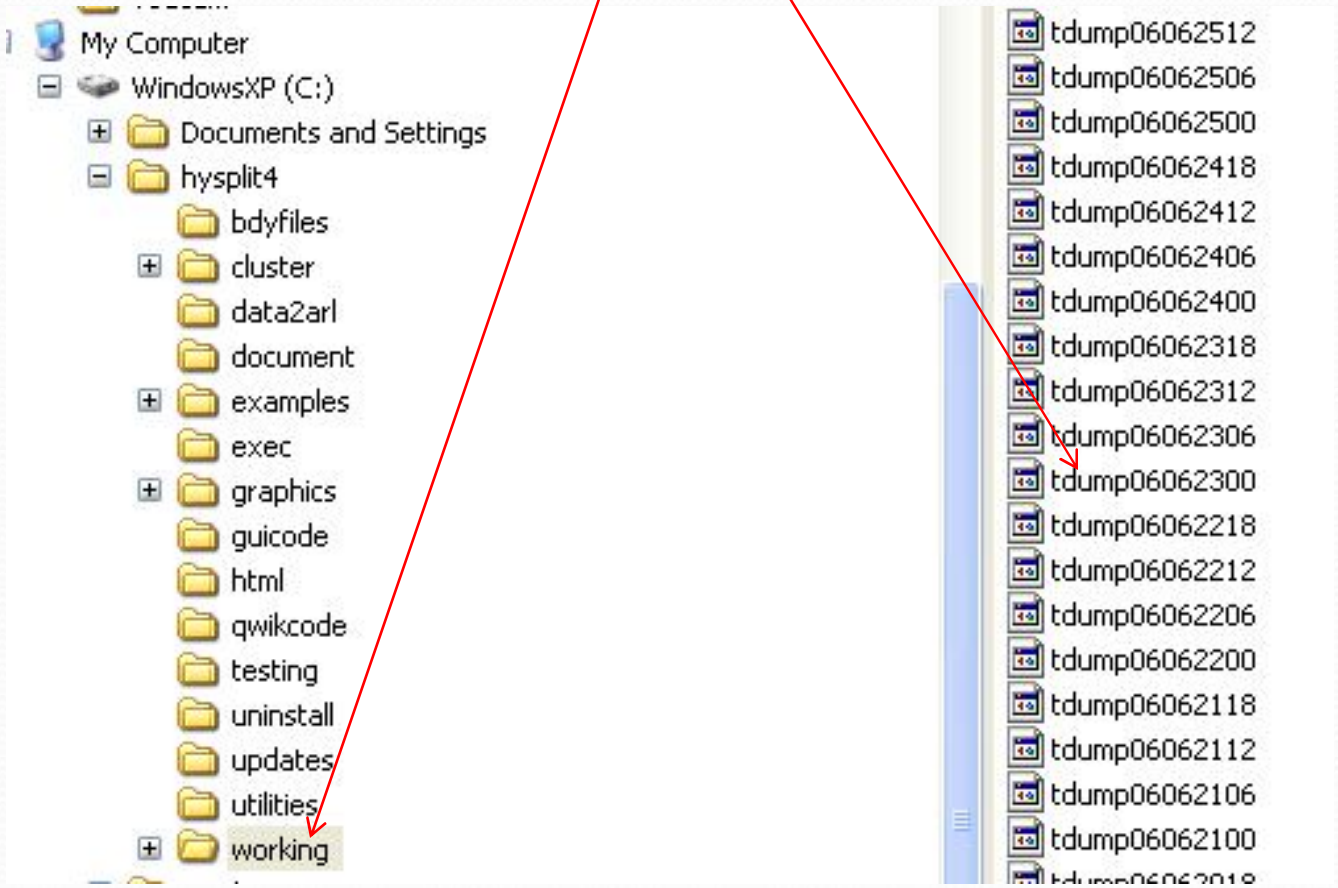


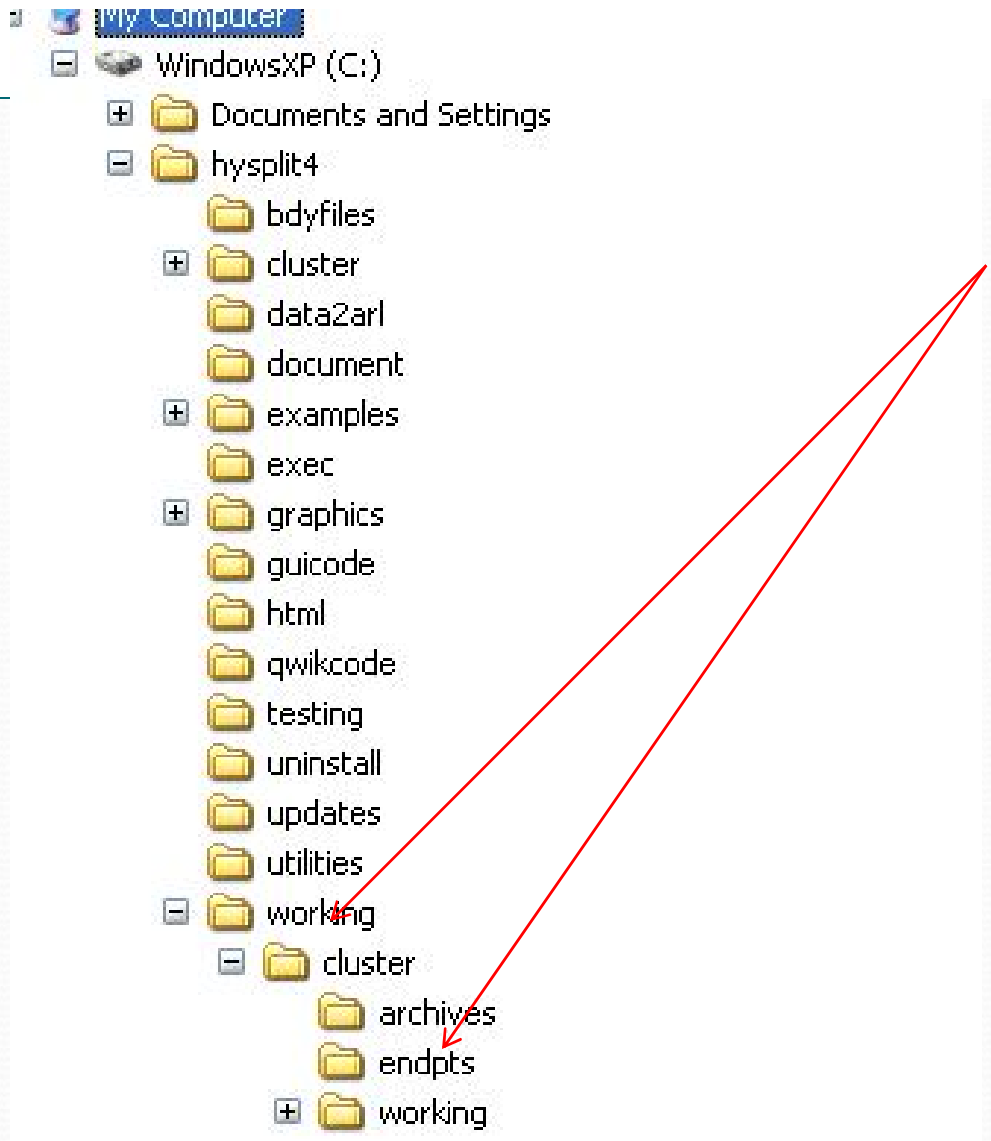


Run month by month

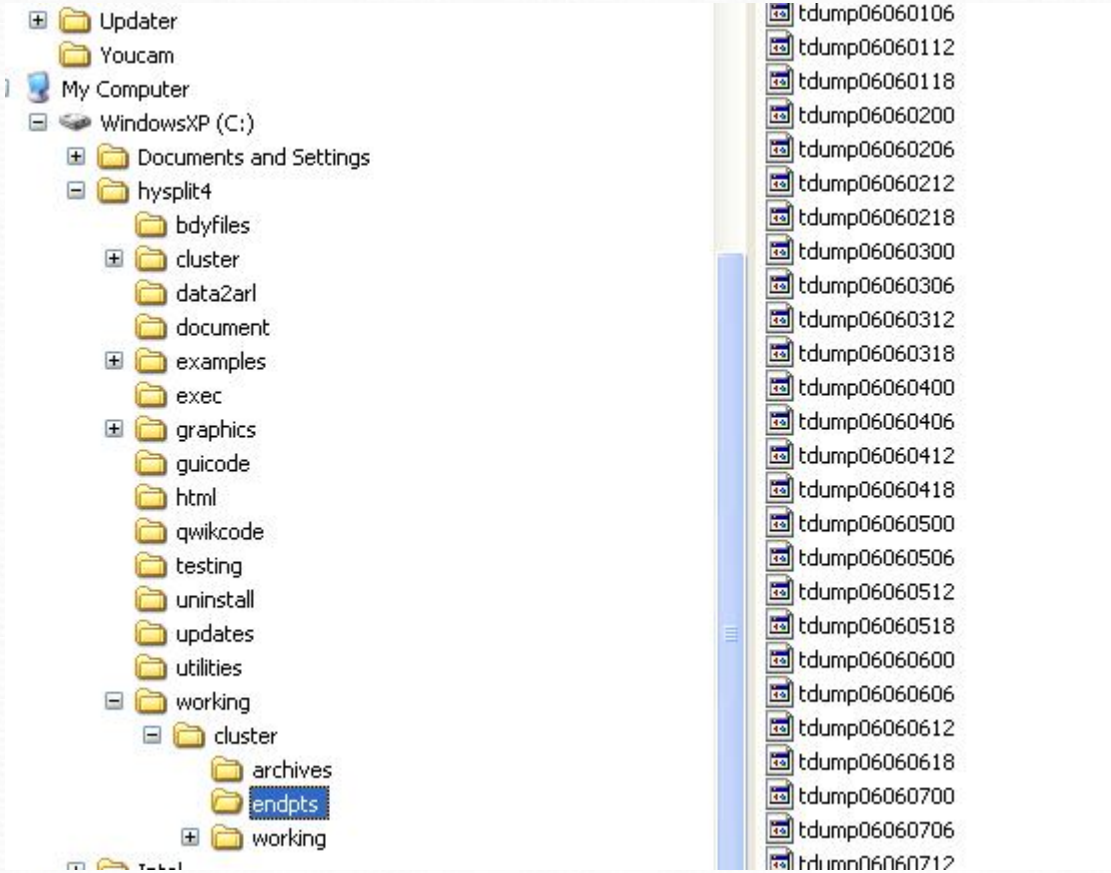

Automated Multiple Trajectories by Time
Execute a script to run multiple iterations of the trajectory calculation between the indicated start and stop day for the given month/year. The CONTROL file, with meteorology file(s), must have been previously configured in the setup menu and should have been tested after setting the year/month/day/hour. Output file names are appended with the year/month/day/hour.
Year: 06
Month: 06
Start Day: 1
End Day: 31
Start-Hour: 0 6 12 18
Quit
Help
Execute Script

File will be insert automatically in working folder in C

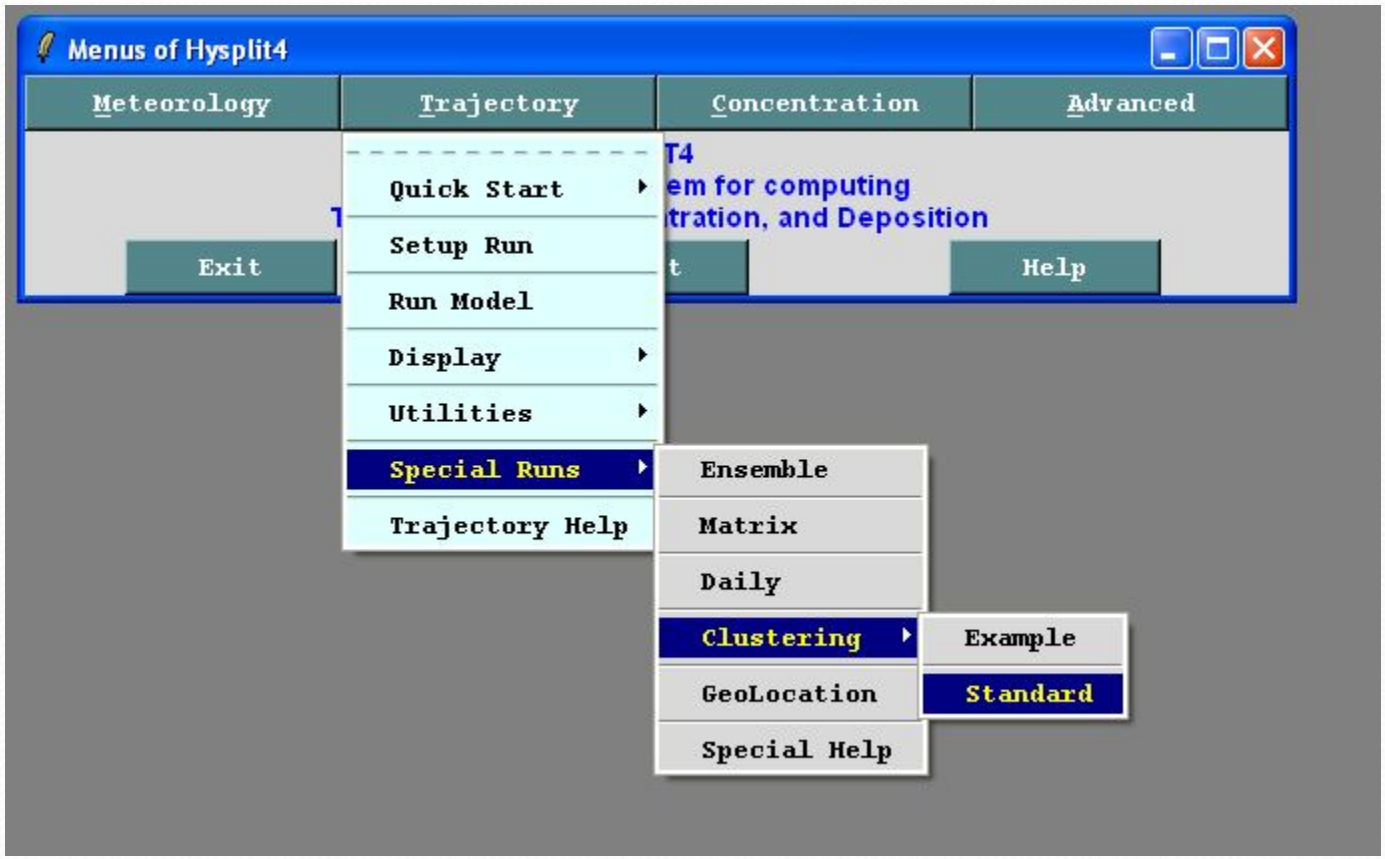


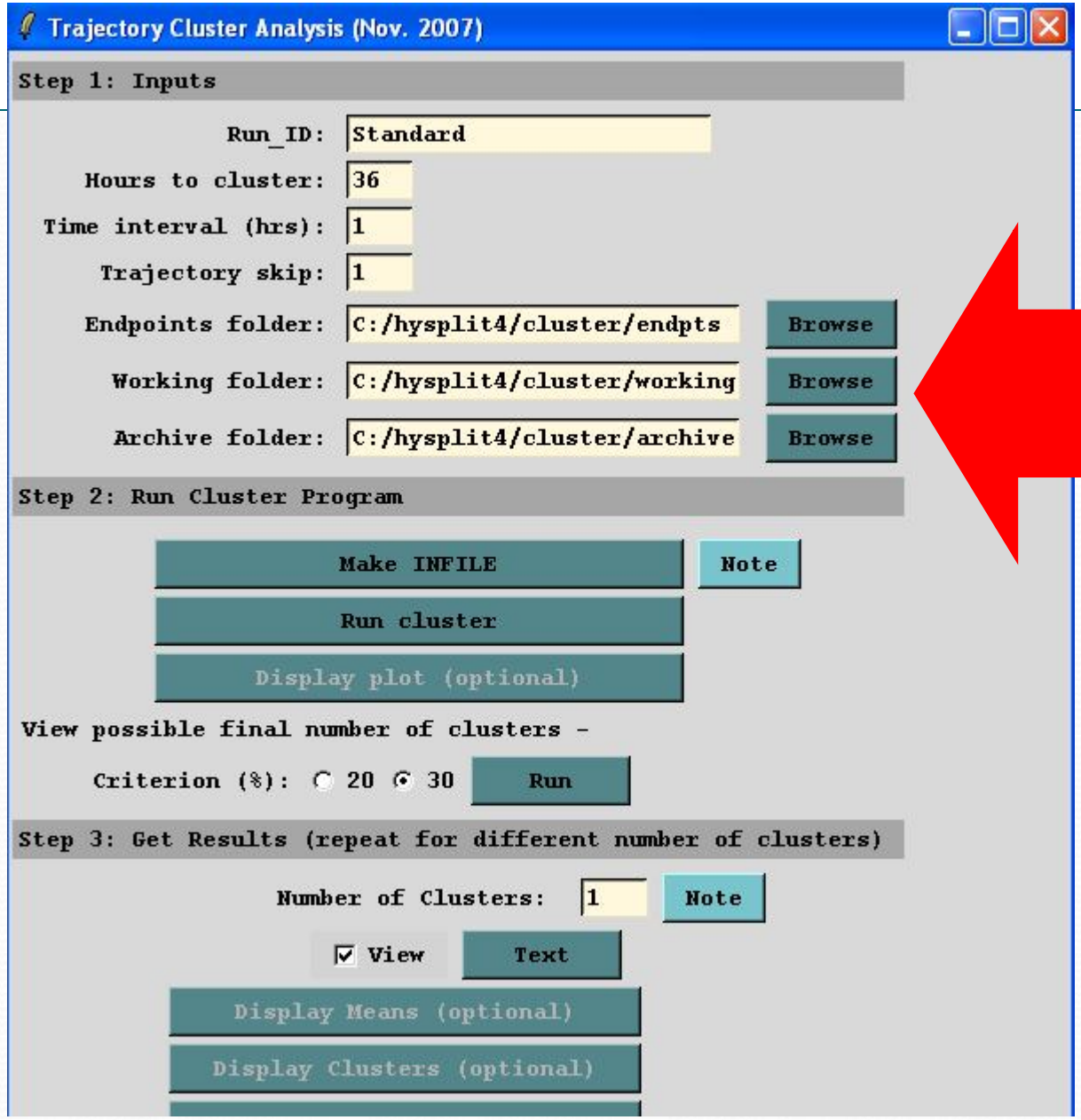


Transfer all tdump file from "Working" folder to "Endpoint" folder


Updater
Youcam
My Computer
WindowsXP (C:)
Documents and Settings
hysplit4
bdyfiles
cluster
data2arl
document
examples
exec
graphics
guicode
html
qwikcode
testing
uninstall
updates
utilities
working
cluster
archives
endpts
working
tdump06060106
tdump06060112
tdump06060118
tdump06060200
tdump06060206
tdump06060212
tdump06060218
tdump06060300
tdump06060306
tdump06060312
tdump06060318
tdump06060400
tdump06060406
tdump06060412
tdump06060418
tdump06060500
tdump06060506
tdump06060512
tdump06060518
tdump06060600
tdump06060606
tdump06060612
tdump06060618
tdump06060700
tdump06060706

Start Clustering





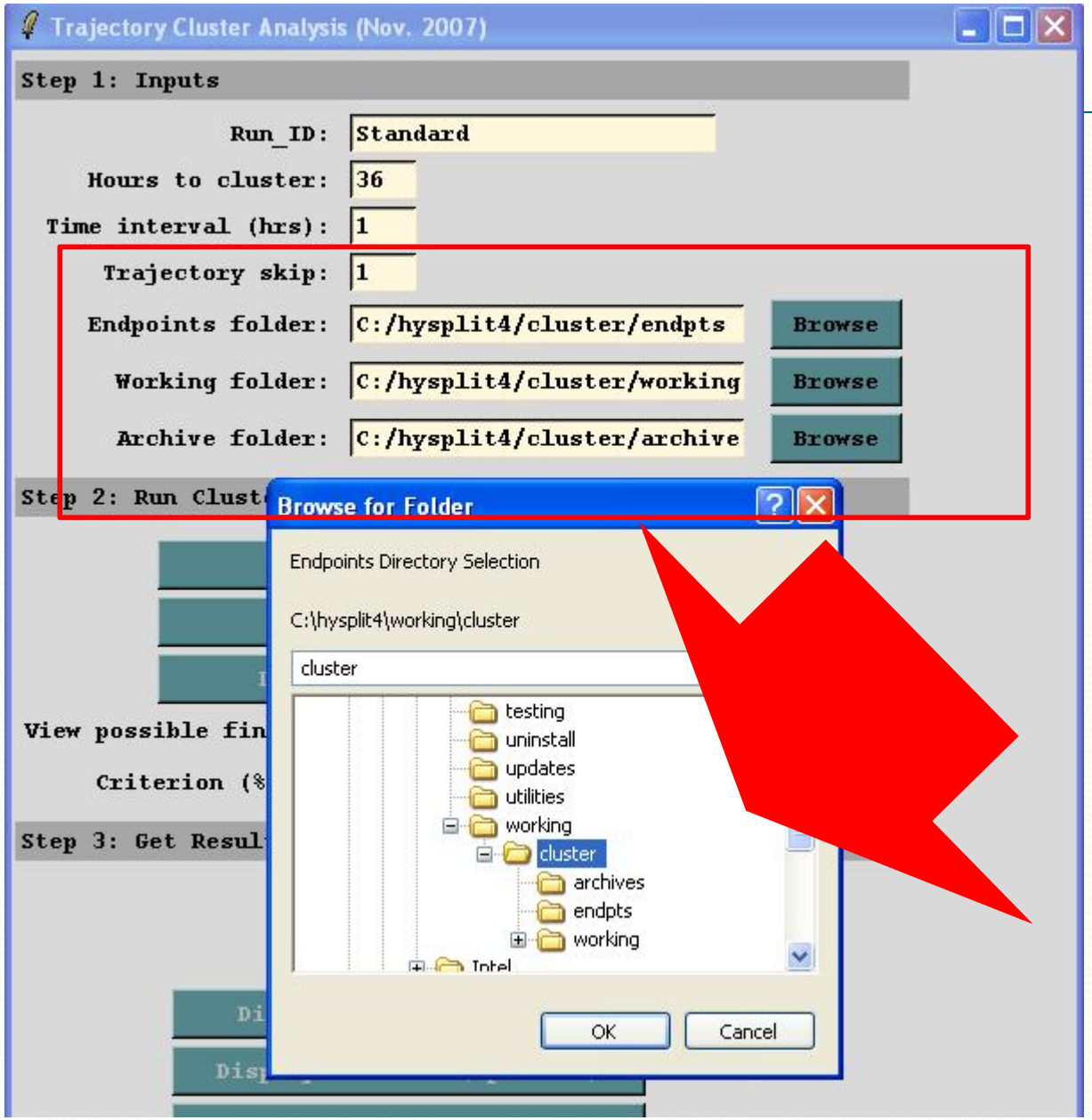
Change Folder

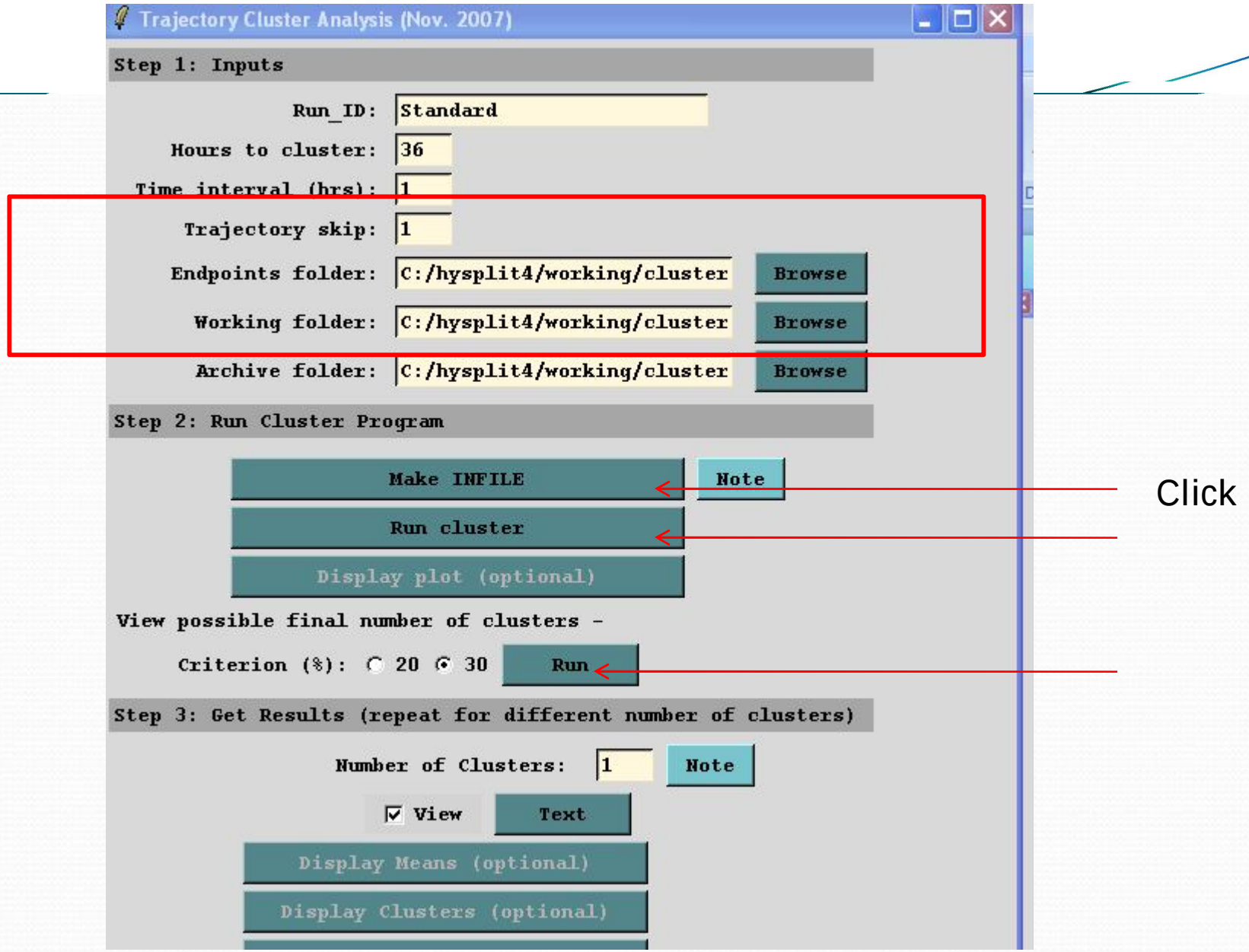
To

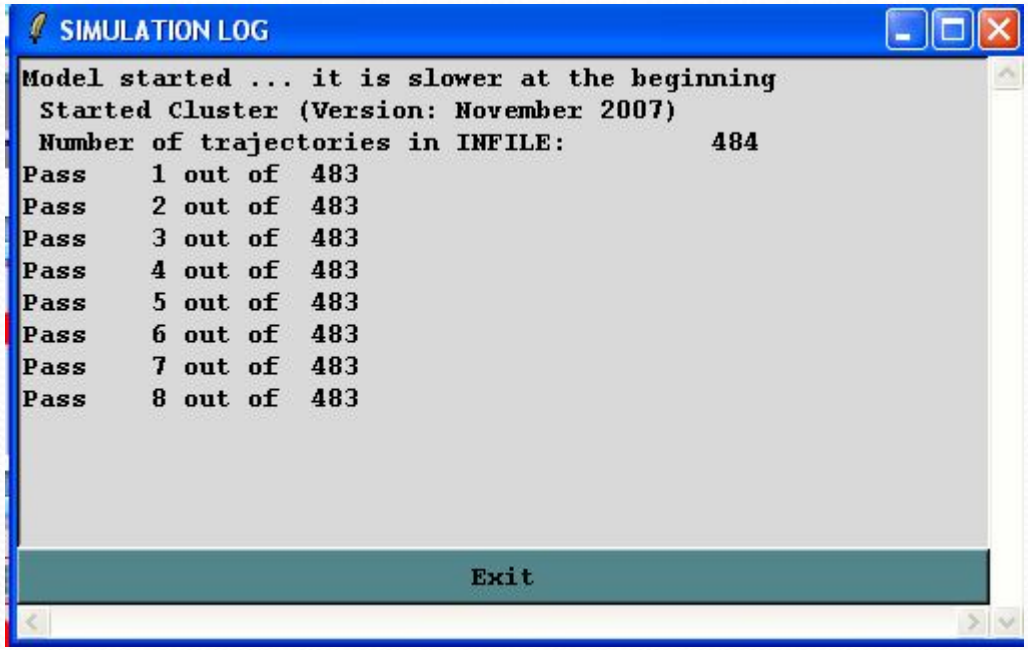
Working/Cluster /Endpoints

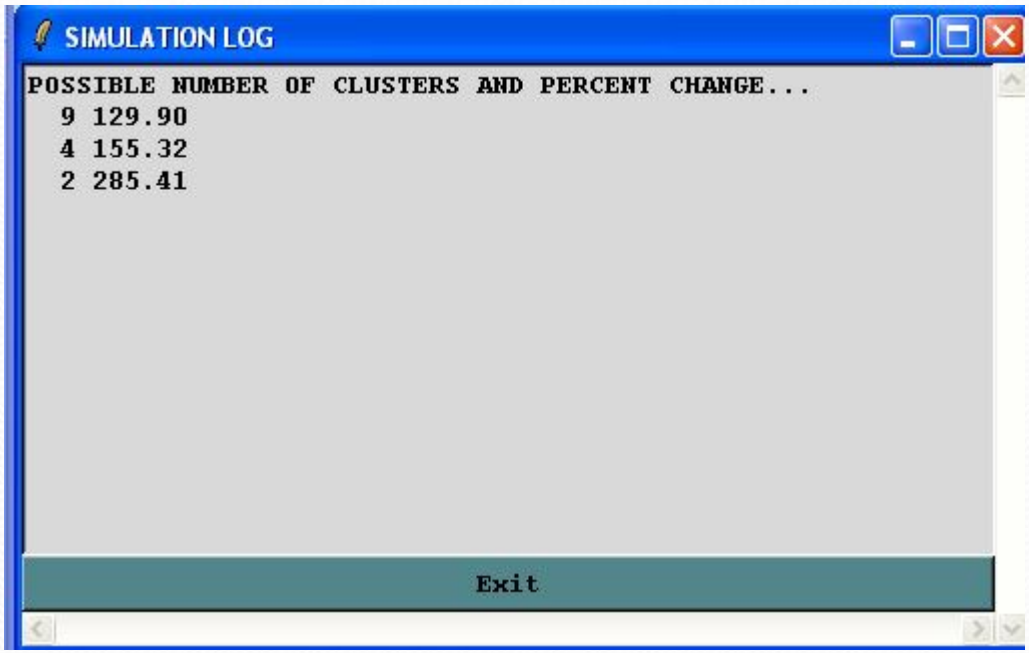
Working/Cluster /Working

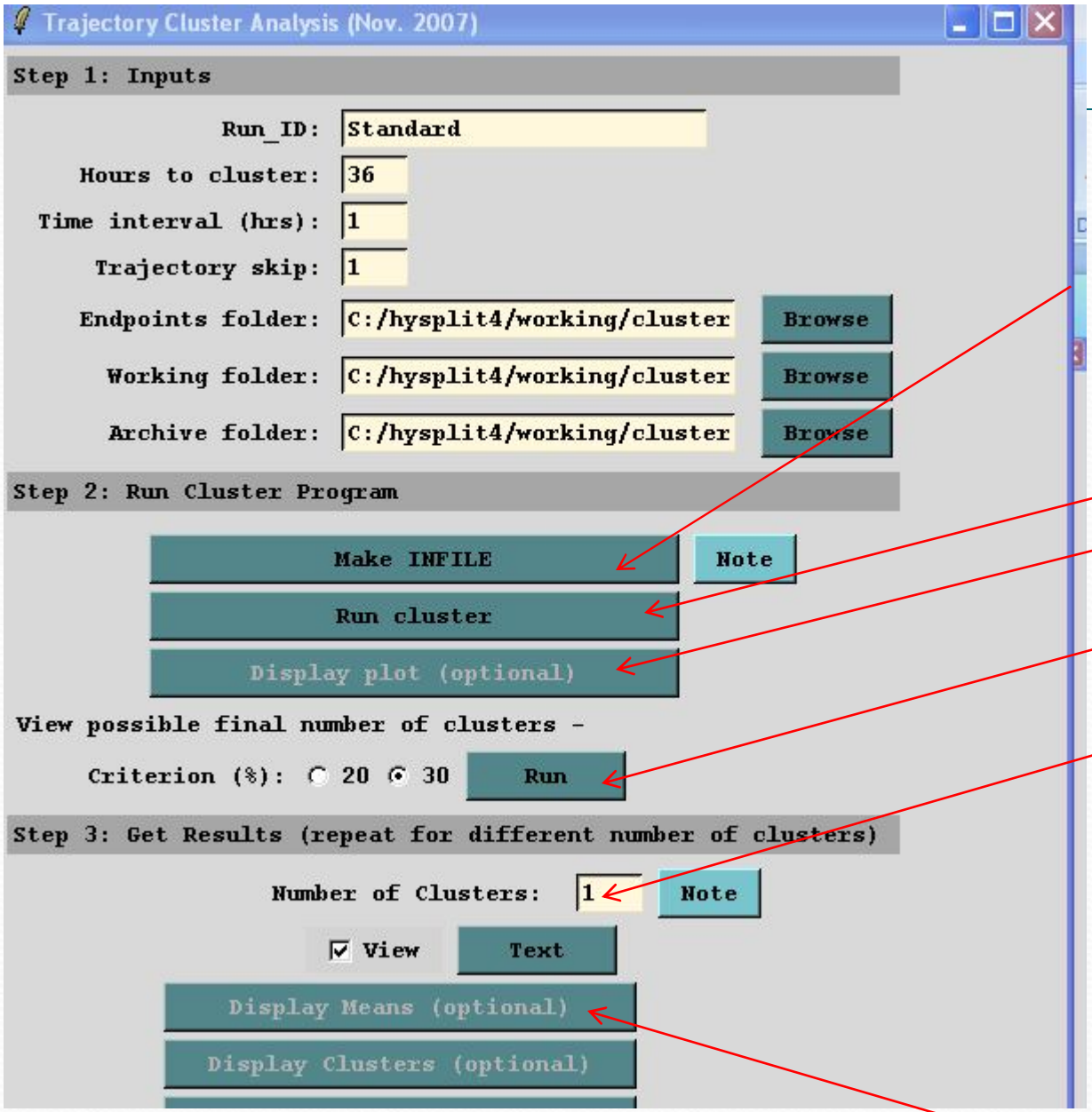
Working/Cluster /Archive


Trajectory Cluster Analysis (Nov. 2007)
Step 1: Inputs
Run_ID:
Standard
Hours to cluster:
36
Time interval (hrs):
1
Trajectory skip:
1
Endpoints folder:
C:/hysplit4/cluster/endpts
Browse
Working folder:
C:/hysplit4/cluster/working
Browse
Archive folder:
C:/hysplit4/cluster/archive
Browse
Step 2: Run Clust
View possible fin
Criterion (%
Step 3: Get Resul
Browse for Folder
Endpoints Directory Selection
C:\hysplit4\working\cluster
cluster
testing
uninstall
updates
utilities
working
cluster
archives
endpts
working
Intel
OK
Cancel


Trajectory Cluster Analysis (Nov. 2007)
Step 1: Inputs
Run_ID: Standard
Hours to cluster: 36
Time interval (hrs): 1
Trajectory skip: 1
Endpoints folder: C:/hysplit4/working/cluster
Browse
Working folder: C:/hysplit4/working/cluster
Browse
Archive folder: C:/hysplit4/working/cluster
Browse
Step 2: Run Cluster Program
Make INFILE
Note
Run cluster
Display plot (optional)
View possible final number of clusters -
Criterion (%): 20 30
Run
Step 3: Get Results (repeat for different number of clusters)
Number of Clusters: 1
Note
View
Text
Display Means (optional)
Display Clusters (optional)
Click

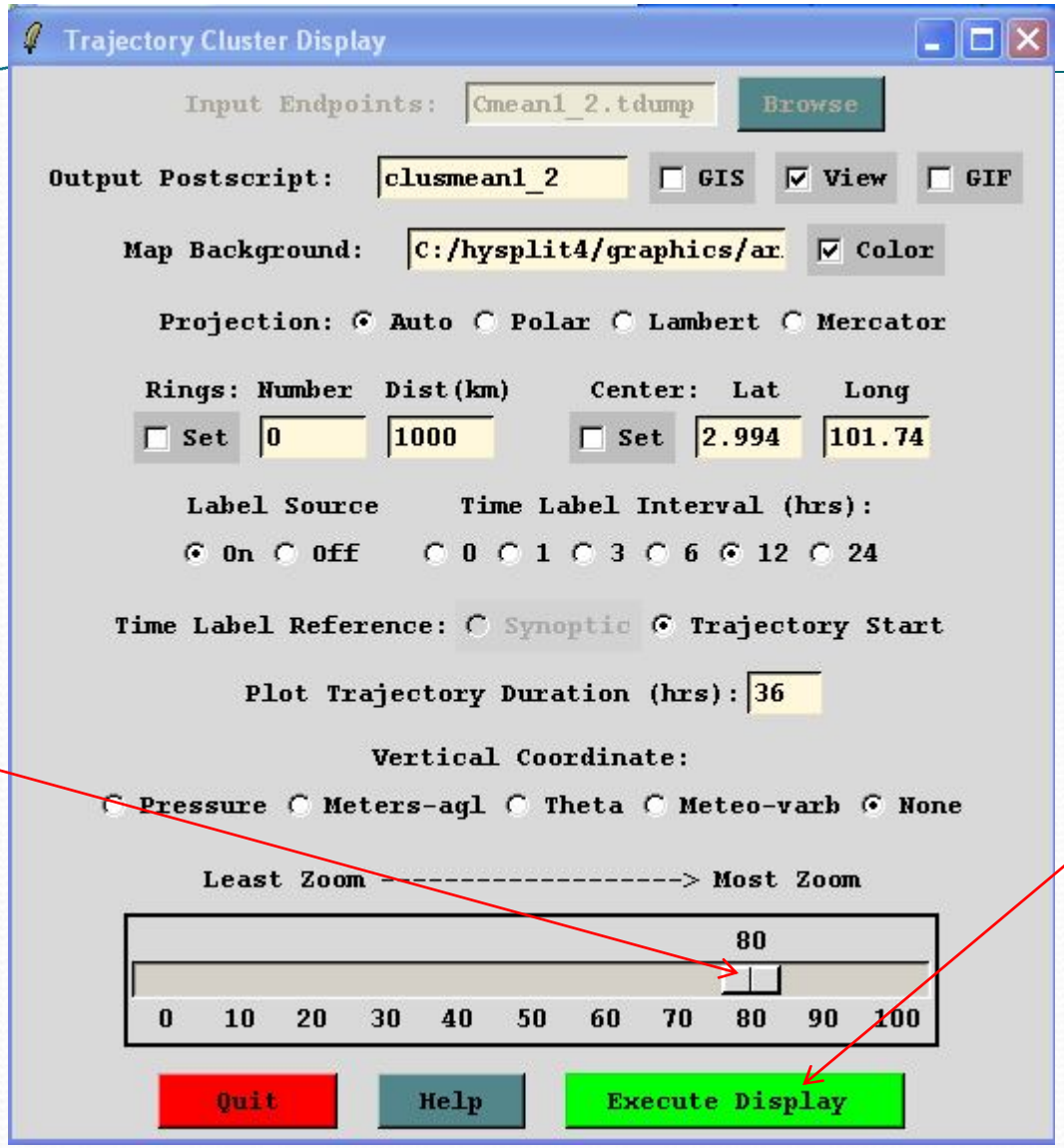

SIMULATION LOG
Model started ... it is slower at the beginning
Started Cluster (Version: November 2007)
Number of trajectories in INFILE: 484
Pass 1 out of 483
Pass 2 out of 483
Pass 3 out of 483
Pass 4 out of 483
Pass 5 out of 483
Pass 6 out of 483
Pass 7 out of 483
Pass 8 out of 483
Exit

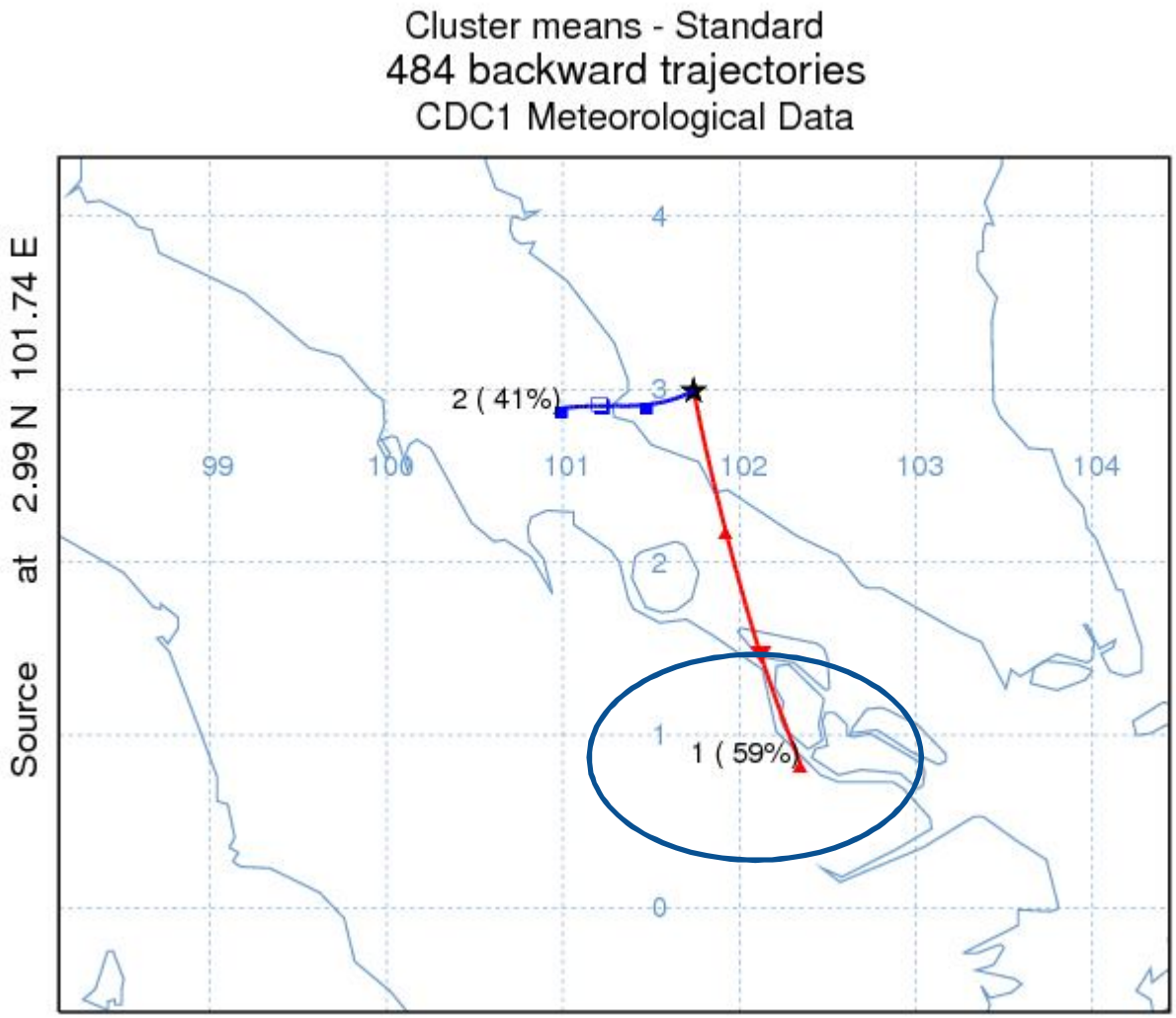

SIMULATION LOG
POSSIBLE NUMBER OF CLUSTERS AND PERCENT CHANGE...
9 129.90
4 155.32
2 285.41
Exit



Change to 2 or other number base on previous email

Control Size




Cluster means - Standard
484 backward trajectories
CDC1 Meteorological Data
Source at 2.99 N 101.74 E
4
3
2
1
0
99
100
101
102
103
104
2 (41%)
1 (59%)