Running the example Basin

Xianwu Xue
April 2\textsuperscript{rd}, 2012
Table of Contents

• Organization of the Files and Folders

• Follow the steps
Organization of the Files and Folders

ICS
Basics
Params
OBS
States
ProjectName.
Rains
Results
PETs
ICS
Params
OBS
States
ProjectName.
Rains
Results
PETs
First Step: Create Folders

- Create a folder named as "Wangchu_CREST_V6_Daily"
- Create Sub-Folders Like below
  - Basics
  - Calibs
  - ICS
  - OBS
  - Params
  - Results
  - States
Second Step

Copy files ("CREST_v2.exe" and "Wangchu_CREST_V6_Daily.Project") into the folder.
Third Step

Put DEM.asc, FAC.asc, FDR.asc, GridArea.asc, Mask.asc and Stream.asc into “Basics” Folder
Forth Step

• Put CalibMask.asc and Calibrations.txt into “Calibs” Folder
Fifth Step

- Put InitialConditions.txt into “ICS” folder
Sixth Step

- Put Wangchu_Obs.csv into “OBS” Folder
Seventh Step

- Put Parameters.txt into “Params” Folder
Eighth Step

Move “Rain” folder in to the folder “Wangchu_CREST_V6_Daily”
Ninth Step

Move “PET” folder in to the folder “Wangchu_CREST_V6_Daily”
Tenth Step

Replace the path “E:\CREST_Workshop\CREST_Model\Wangchu_CREST_V6_Daily_OriginalData” using your own path.
Final Step: Run the Model

- Open DOS terminal (Winkey + R)
- Input “cmd”
- Click OK
Final Step: Run the Model

```
C: \Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\XXWT410>cd "E:\CREST_Workshop\CREST_Model\Day One PM Example Basin\Wangchu_CREST_U6_Daily"

C:\Users\XXWT410>E:

E:\CREST_Workshop\CREST_Model\Day One PM Example Basin\Wangchu_CREST_U6_Daily>
```
Final Step: Run the Model

- Open DOS terminal (Winkey + R)
- Input “cmd”
- Click OK
- Type “.\CREST_v2.exe Wangchu_CREST_V6_Daily.Project”
Results

The results of the Outlet is:

NSCE: 0.72448925
Bias<%>: 2.77653323
CC: 0.85994316

Run end date and time <yyyy/mm/dd hh:mm:ss>: 2012/03/21 17:32:29
Elapsed run time: 1.623 Seconds

Project: Wangchu_CREST_V6_Daily is finished!
Results (Continued)
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.24429</td>
</tr>
<tr>
<td>2</td>
<td>0.72886</td>
</tr>
<tr>
<td>3</td>
<td>0.27633</td>
</tr>
<tr>
<td>4</td>
<td>0.39943</td>
</tr>
</tbody>
</table>
• Do you get the same results?

• Please have a rest, and think about the steps

Thanks for attention!
• Ladies and Gentlemen, could you practice again?

• Until you can run the model by yourself.

• If you have other questions, please feel free to ask me.