

Examples of .iso input files

Example 1: standard .iso file without shallow groundwater

```
3.89e-05    1.72  0.39  0.25  0    1
```

Example 2: .iso file with shallow groundwater:

```
3.89e-05    1.72  0.39  0.25  0    1
0.7
2    0.15  78.2860.4
2    6.747178.286
```

In this example, a shallow water table is present 0.7 m below the surface, Brooks and Corey is selected for the soil moisture characteristic curve ($\theta_i=0.15$, $\alpha_{BC}=78.286$, $\lambda=0.4$). The unsaturated hydraulic conductivity based on Brooks and Corey is selected ($\eta=6.7471$, $\alpha_{BC}=78.286$).

Example 3: .iso file for van Genuchten's curves

```
3.889e-05  1.72  .39  0.25  0  1
0.7
1  .15  13.46  1.52  .348
1  .348
-0.03
```

Notice that h_e is provided in the last line ($h_e=-0.03$ m). If this line is not provided, $h_e=0$ by default.

Example 4: .iso file for van Genuchten/BC's curves

```
3.889e-05  1.72  .39  0.25  0  1
0.7
1  .15  13.46  1.52  .348
2  6.7471  78.286
```

Example 5: .iso file for BC/Gardner's curves

```
3.889e-05  1.72  .39  0.25  0  1
0.7
2  .15  78.286  0.4
3  -1.6058
```