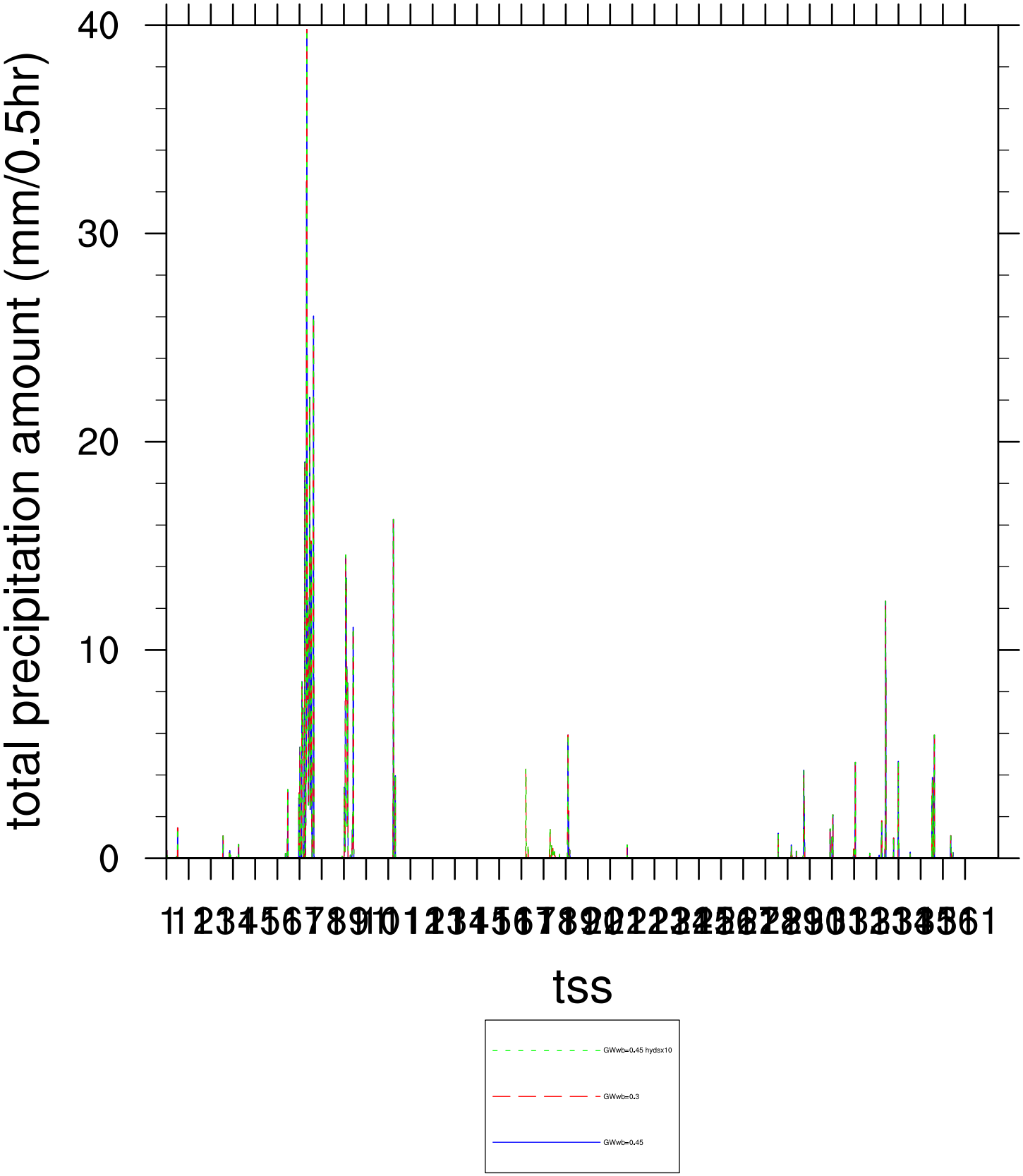
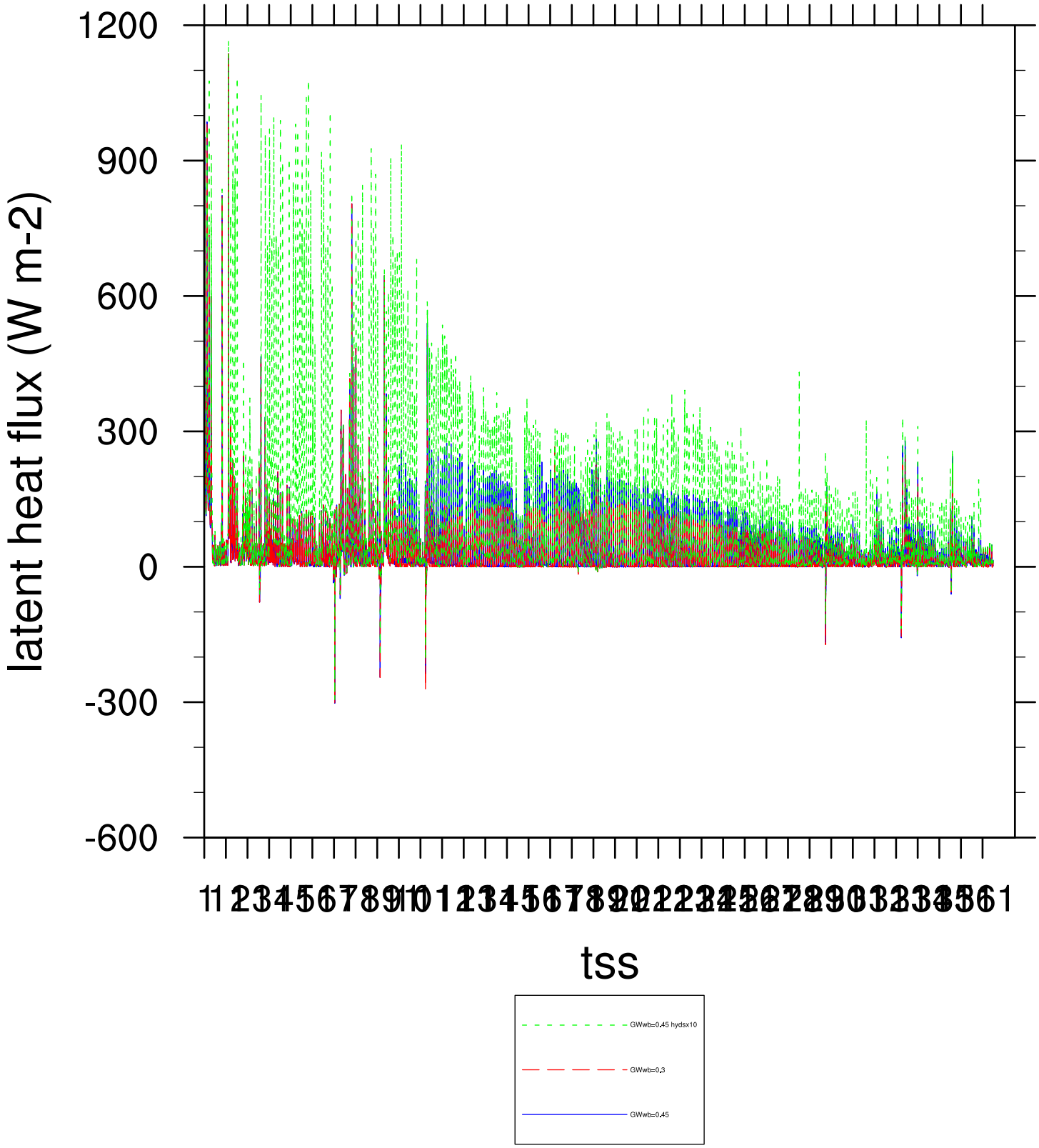
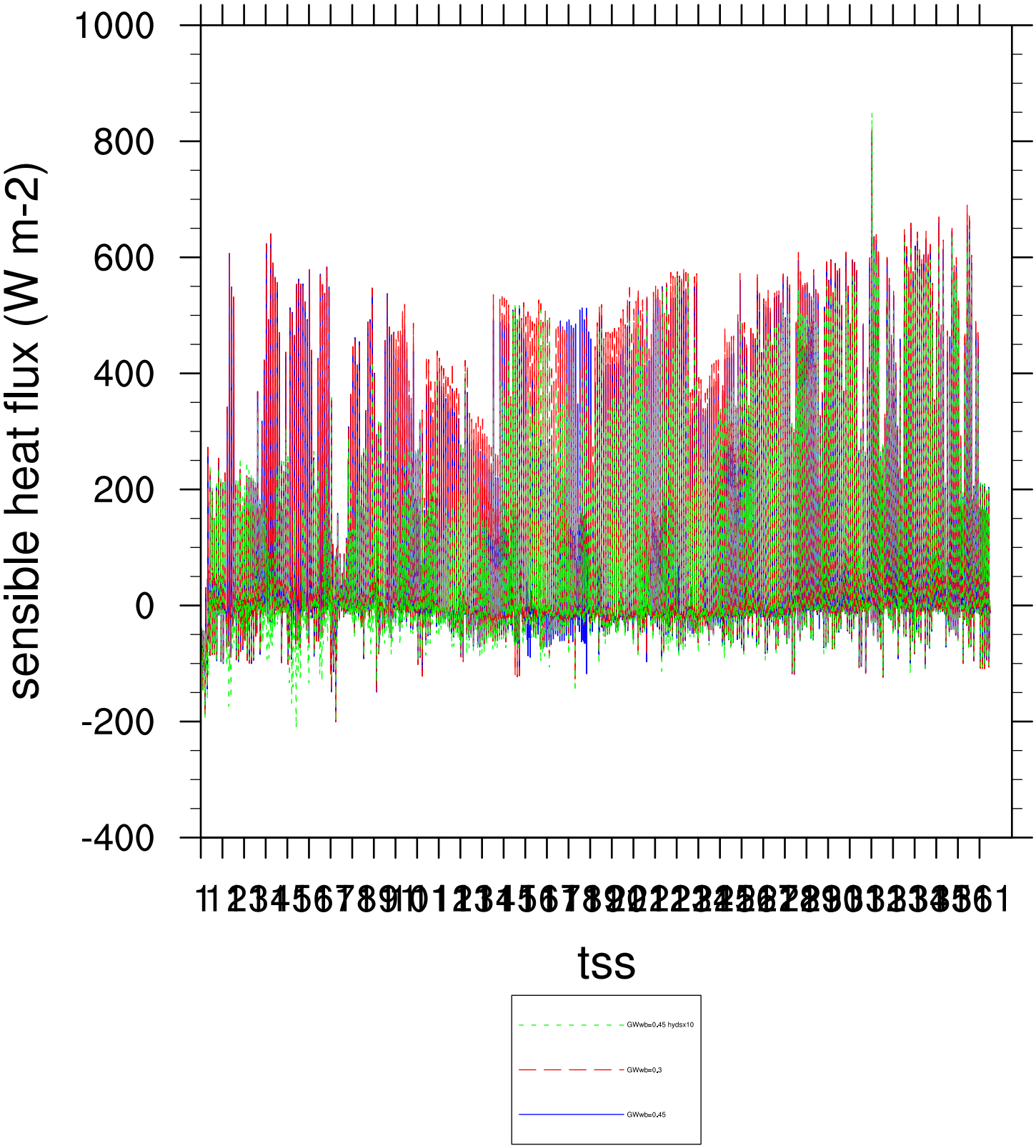
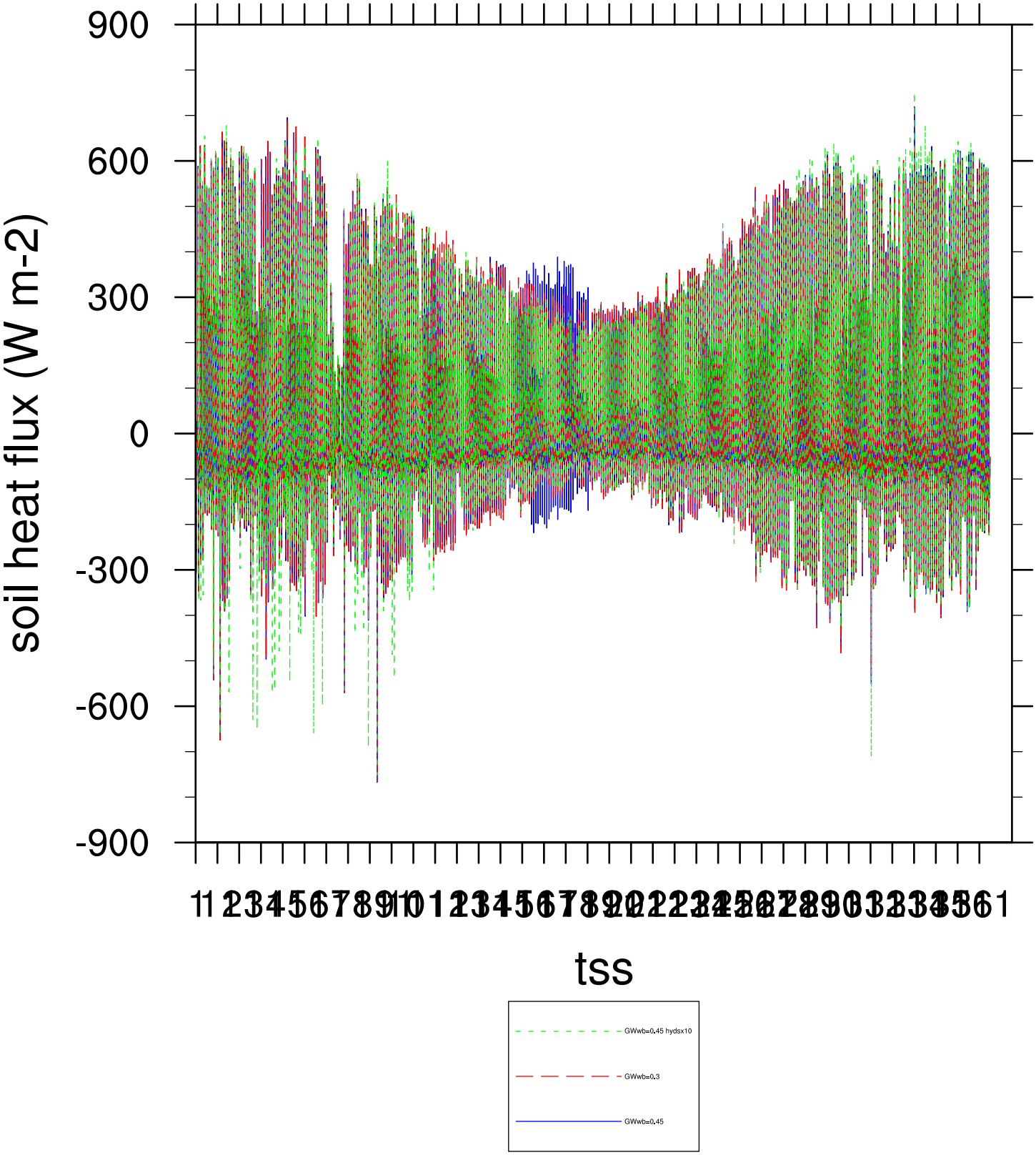
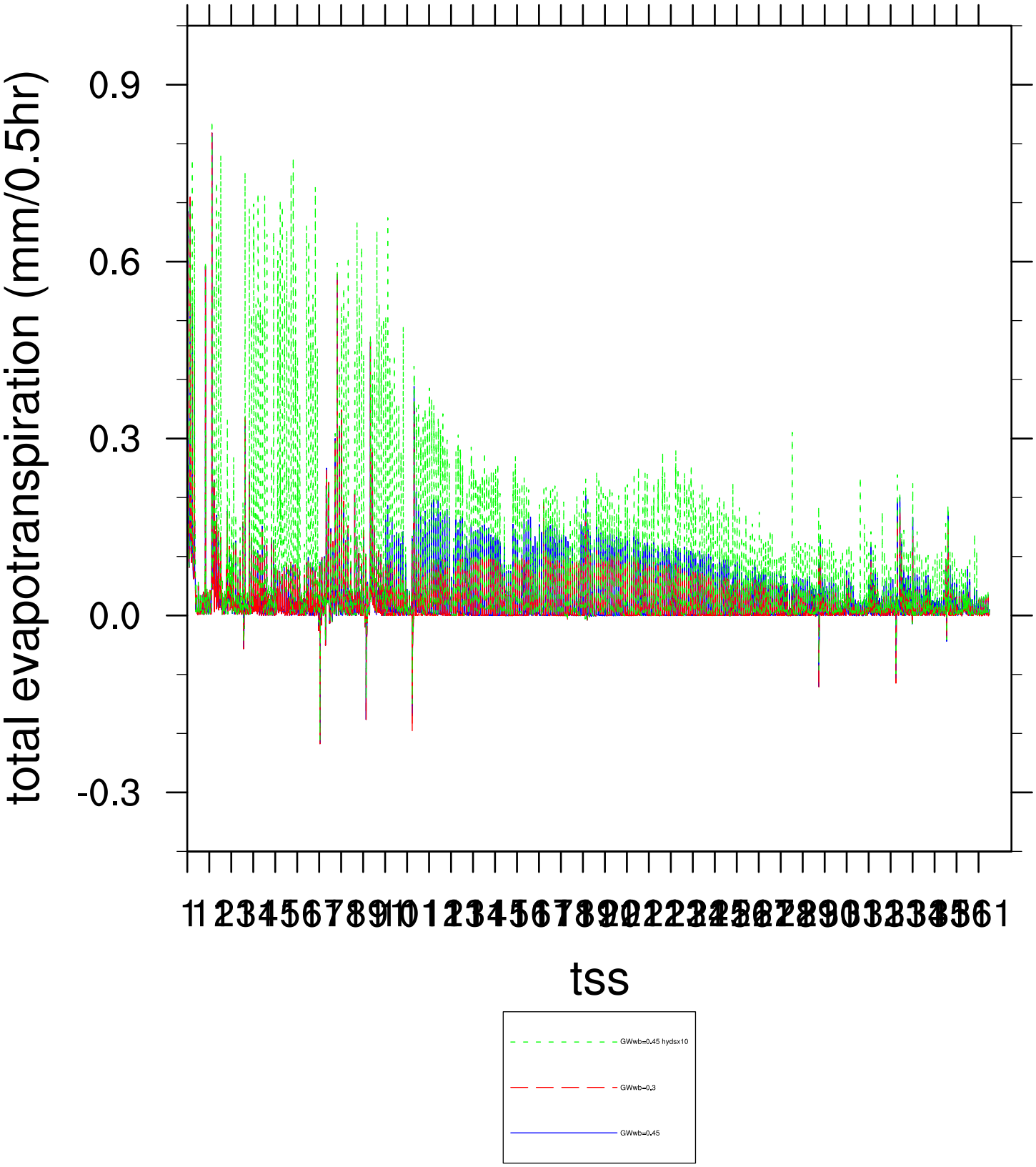
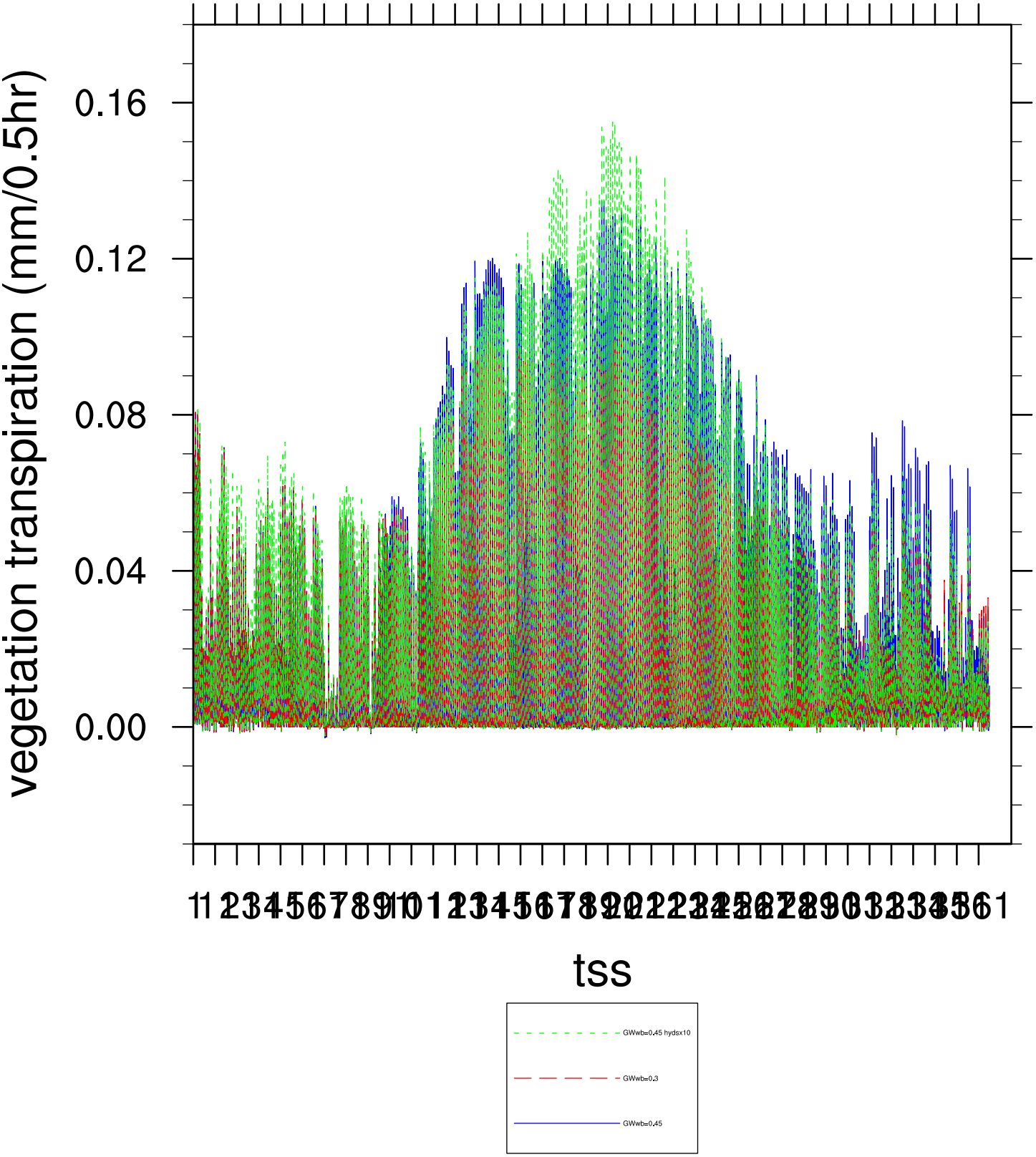

total precipitation amount (mm/0.5hr)
40
30
20
10
0
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

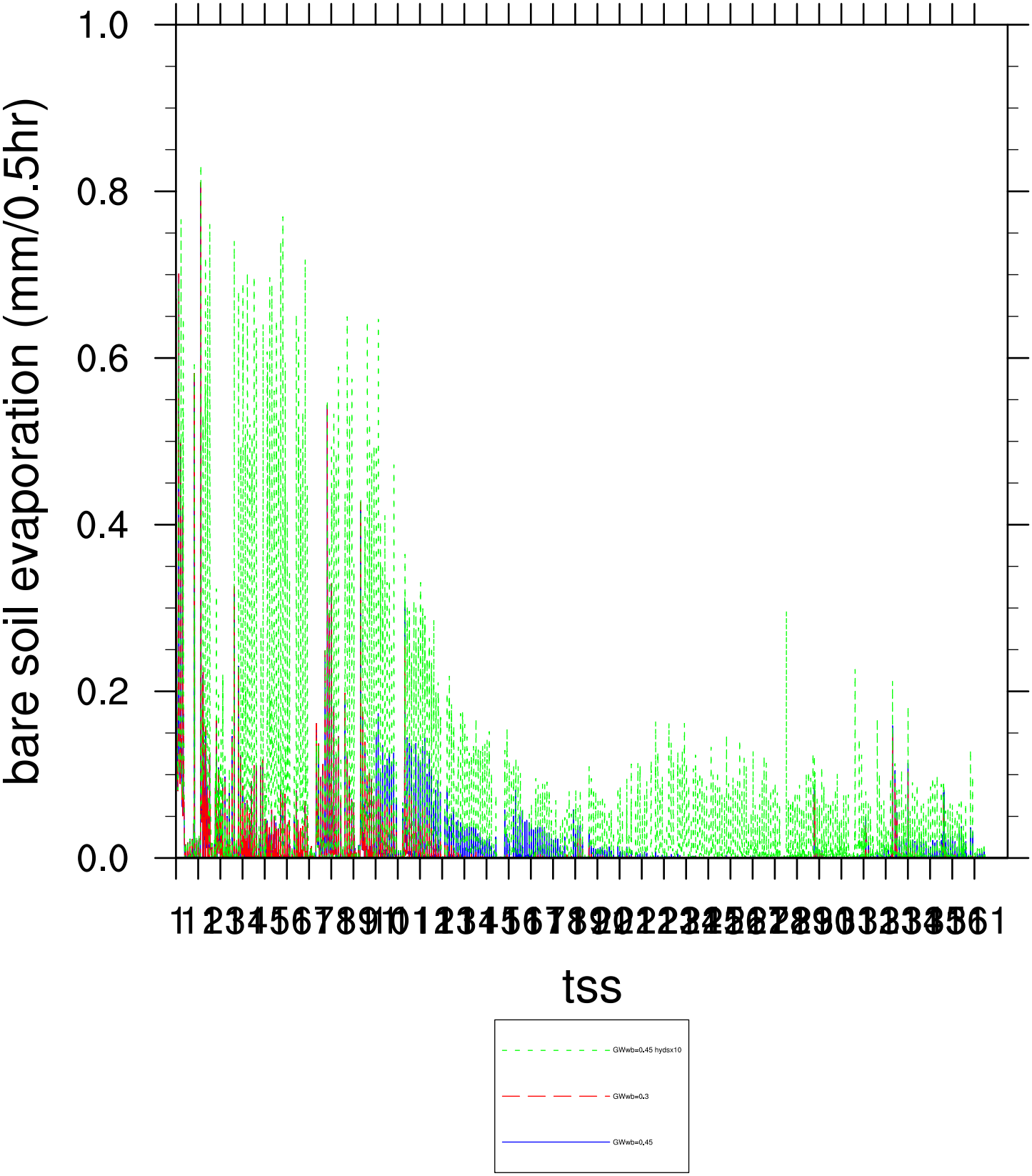

latent heat flux (W m-2)
1200
900
600
300
0
-300
-600
tss
GWwb=0,45 hydsx10
GWwb=0,3
GWwb=0,45

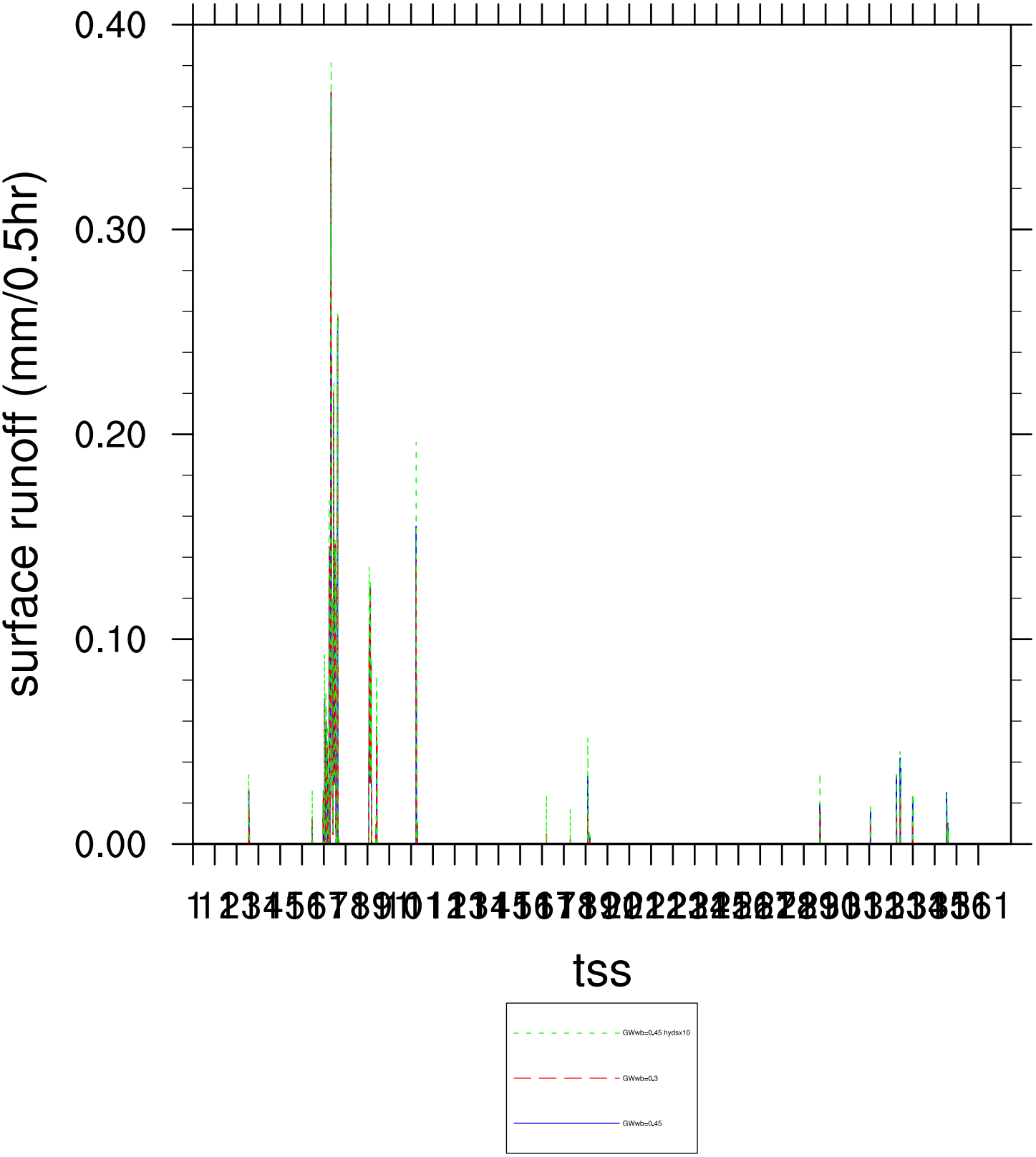

sensible heat flux (W m-2)
1000
800
600
400
200
0
-200
-400
tss
GWwb=0,45 hydsx10
GWwb=0,3
GWwb=0,45

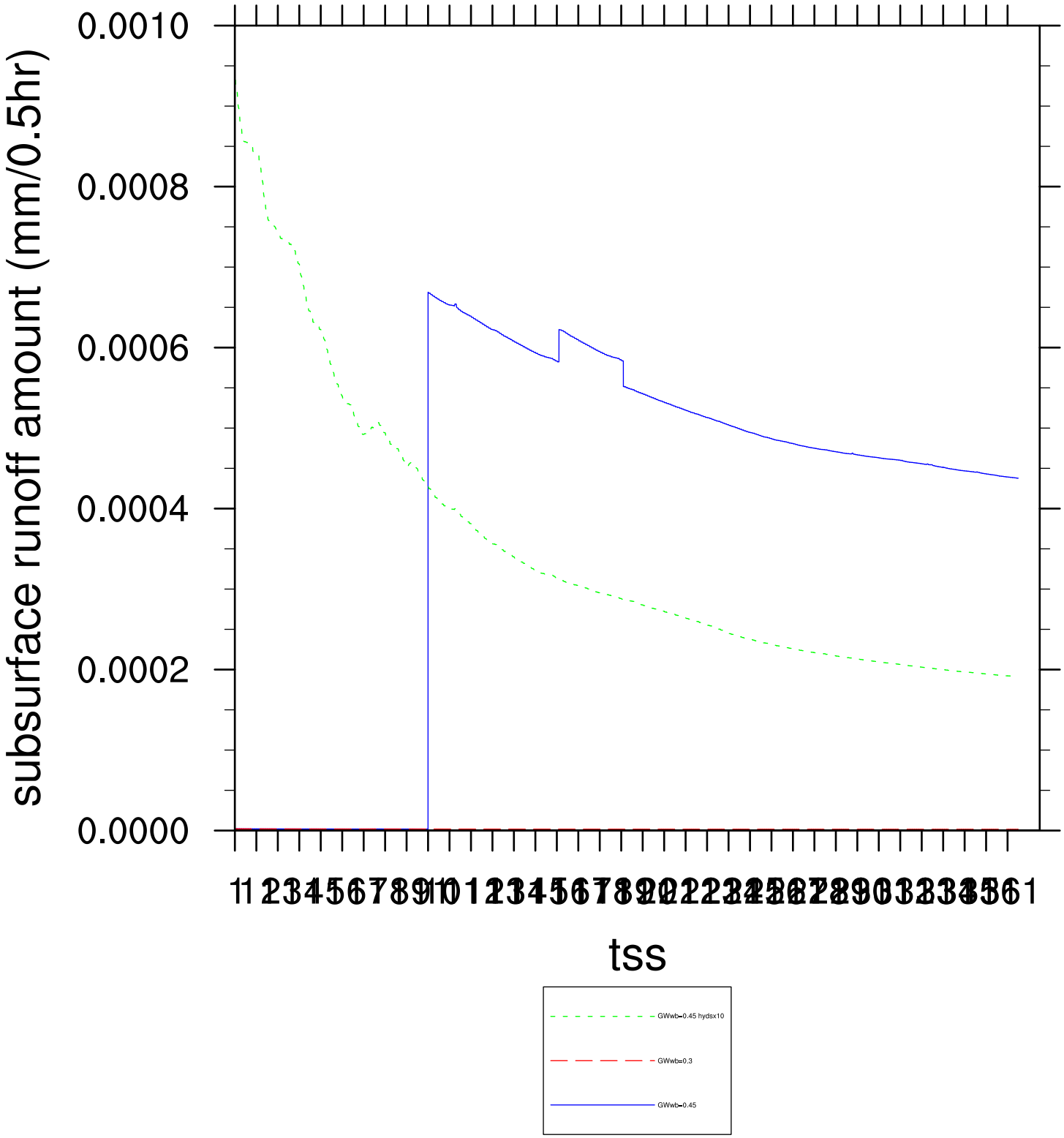

900
600
300
0
-300
-600
-900
soil heat flux (W m-2)
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

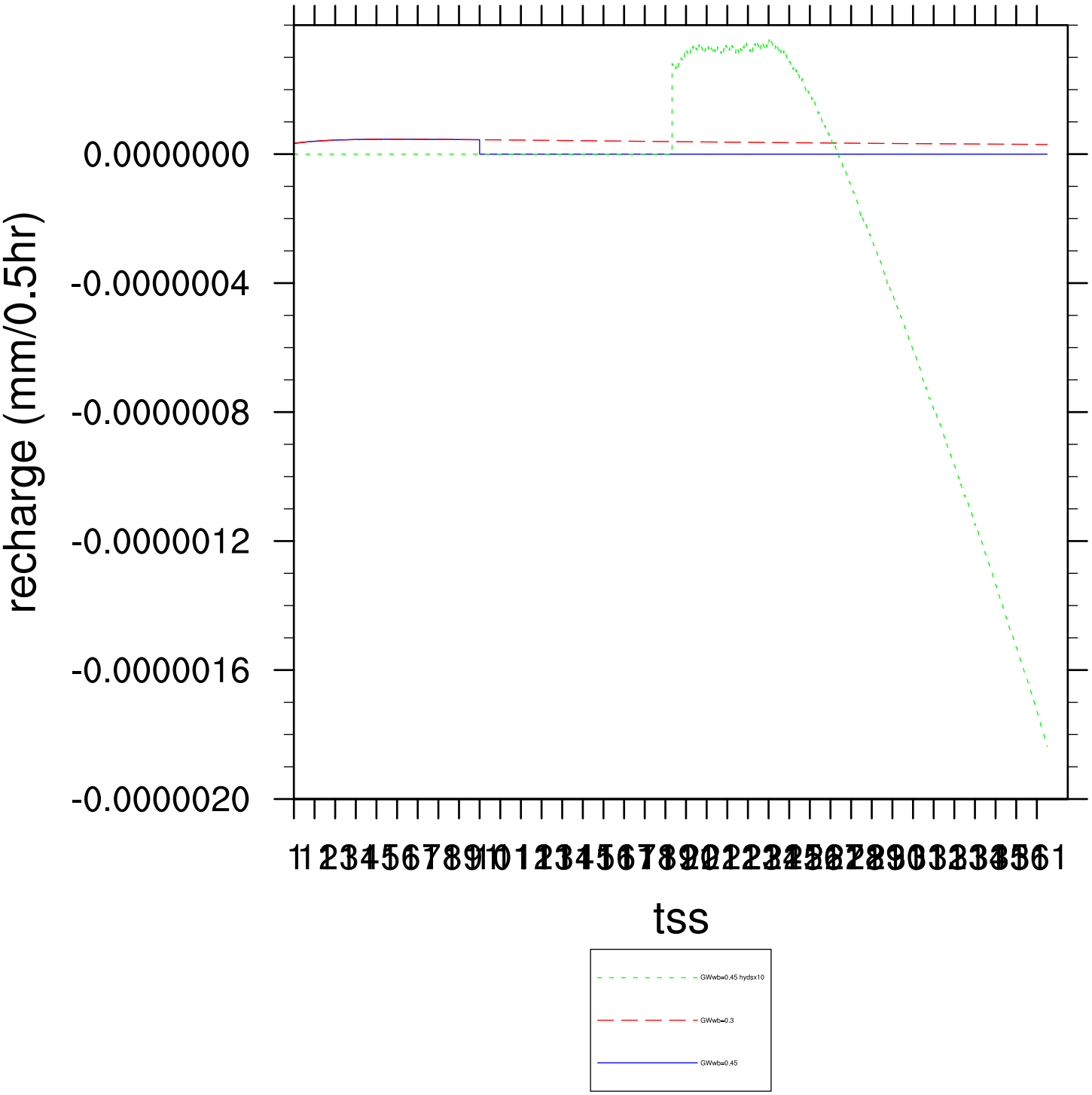

total evapotranspiration (mm/0.5hr)
0.9
0.6
0.3
0.0
-0.3
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

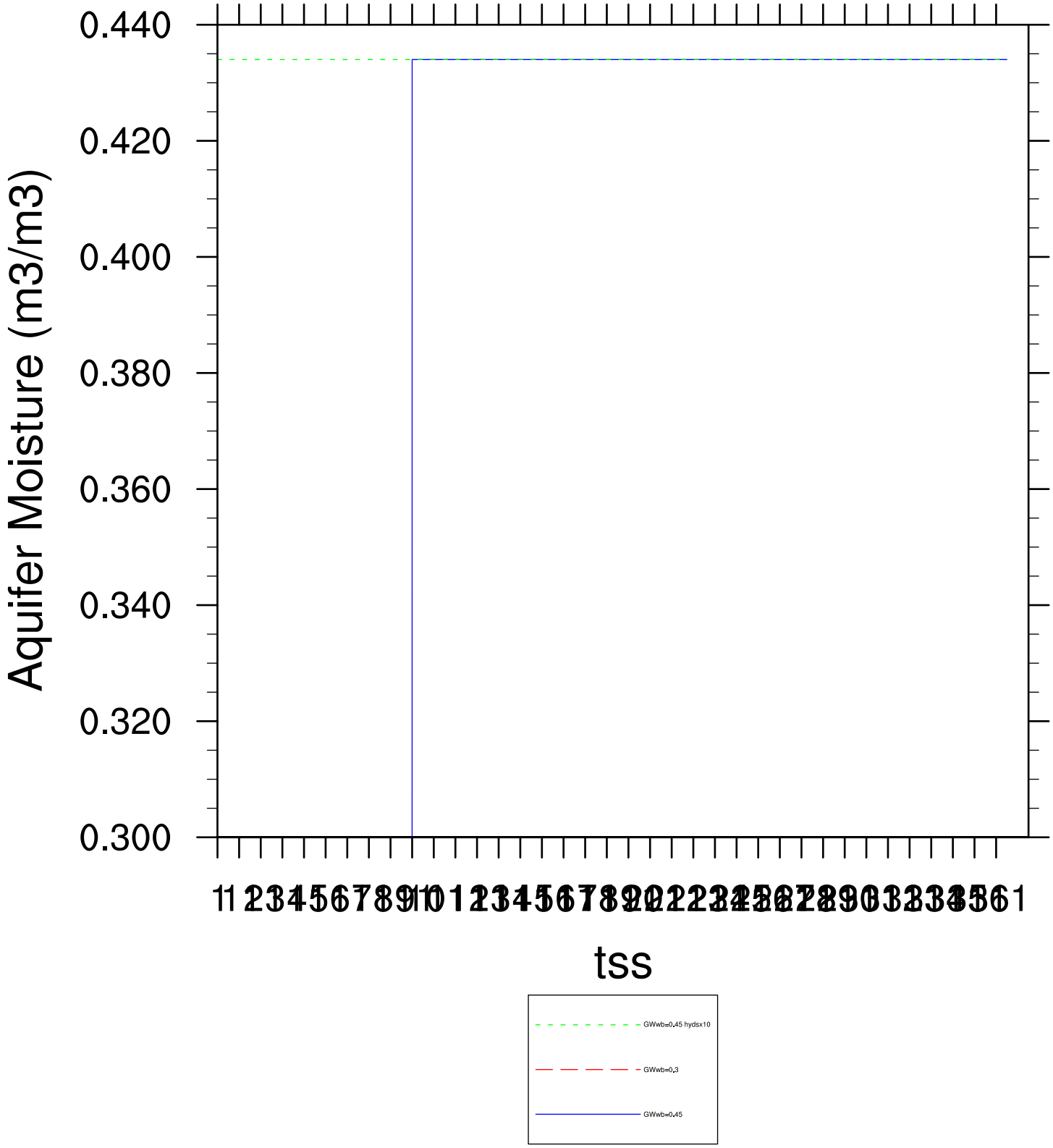

vegetation transpiration (mm/0.5hr)
0.16
0.12
0.08
0.04
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

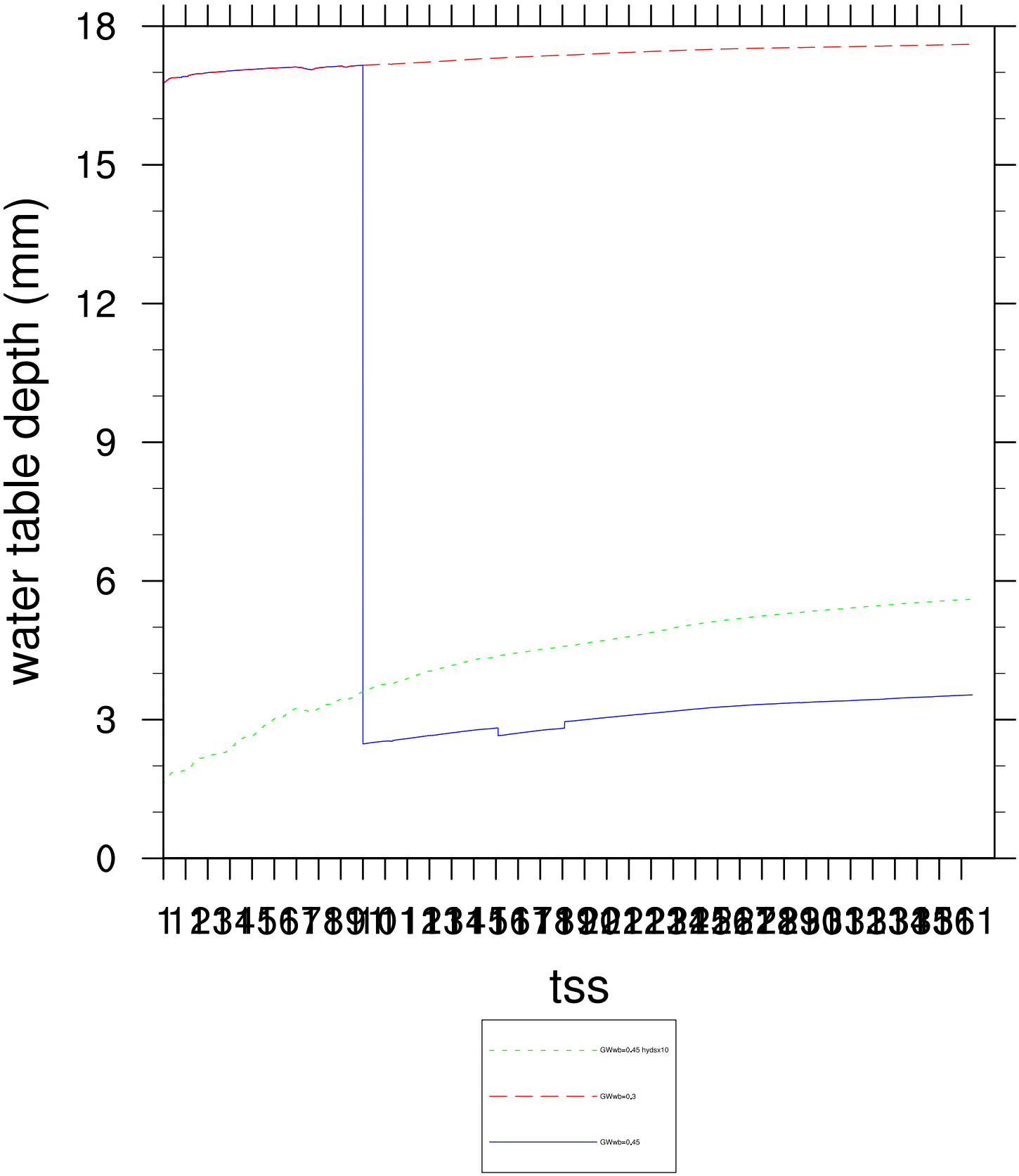

bare soil evaporation (mm/0.5hr)
1.0
0.8
0.6
0.4
0.2
0.0
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

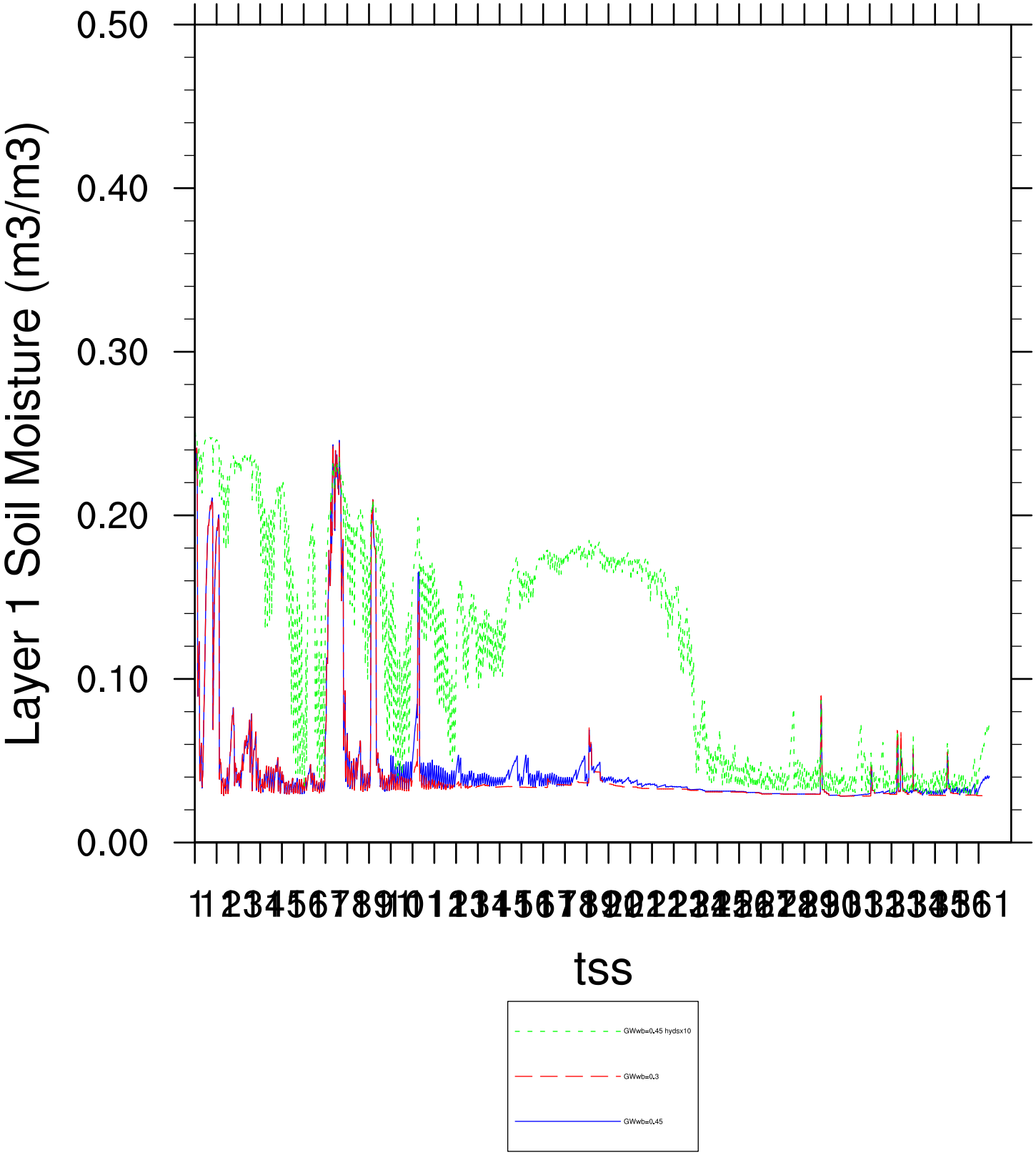

0.40
0.30
0.20
0.10
0.00
surface runoff (mm/0.5hr)
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

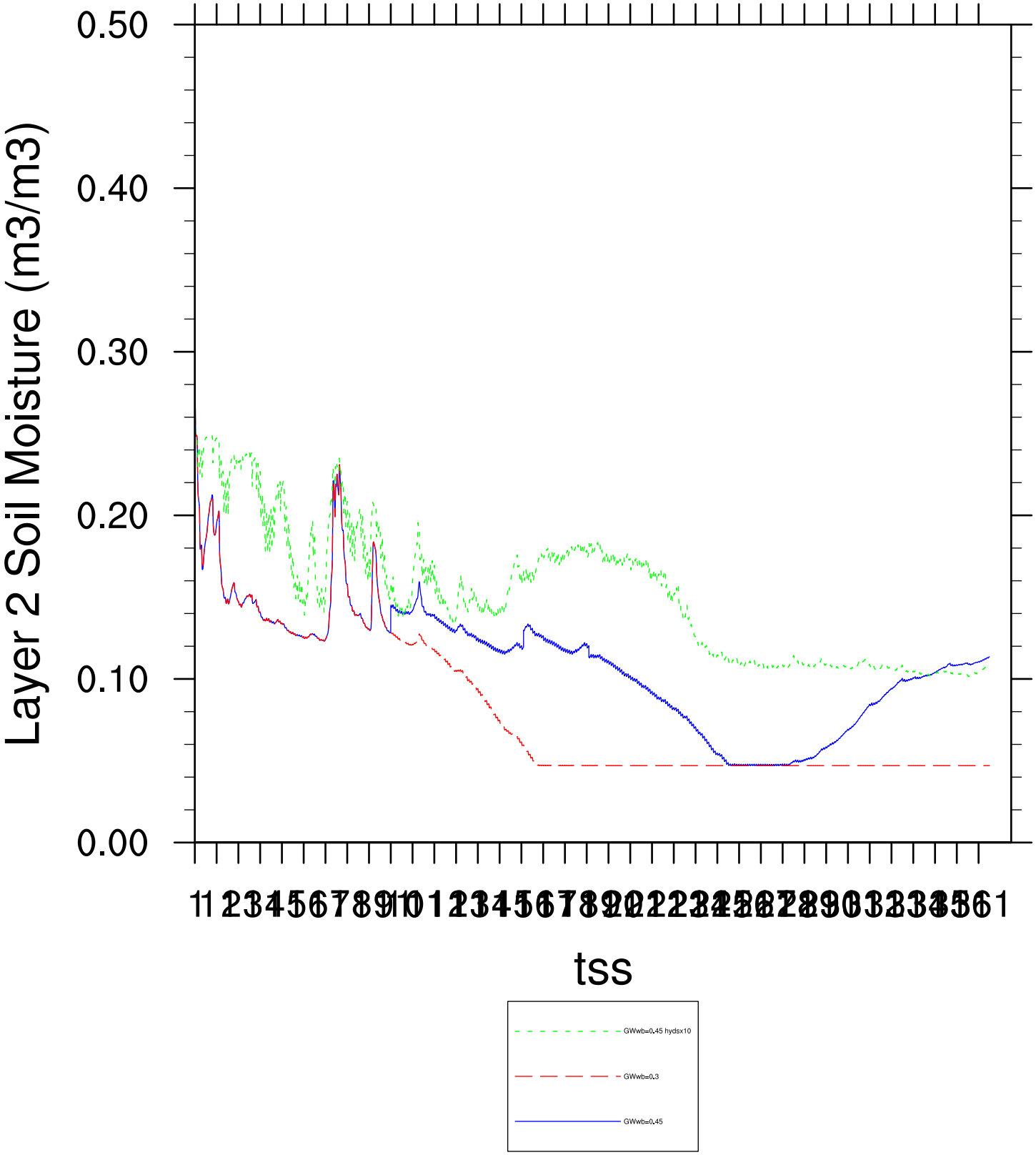

subsurface runoff amount (mm/0.5hr)
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

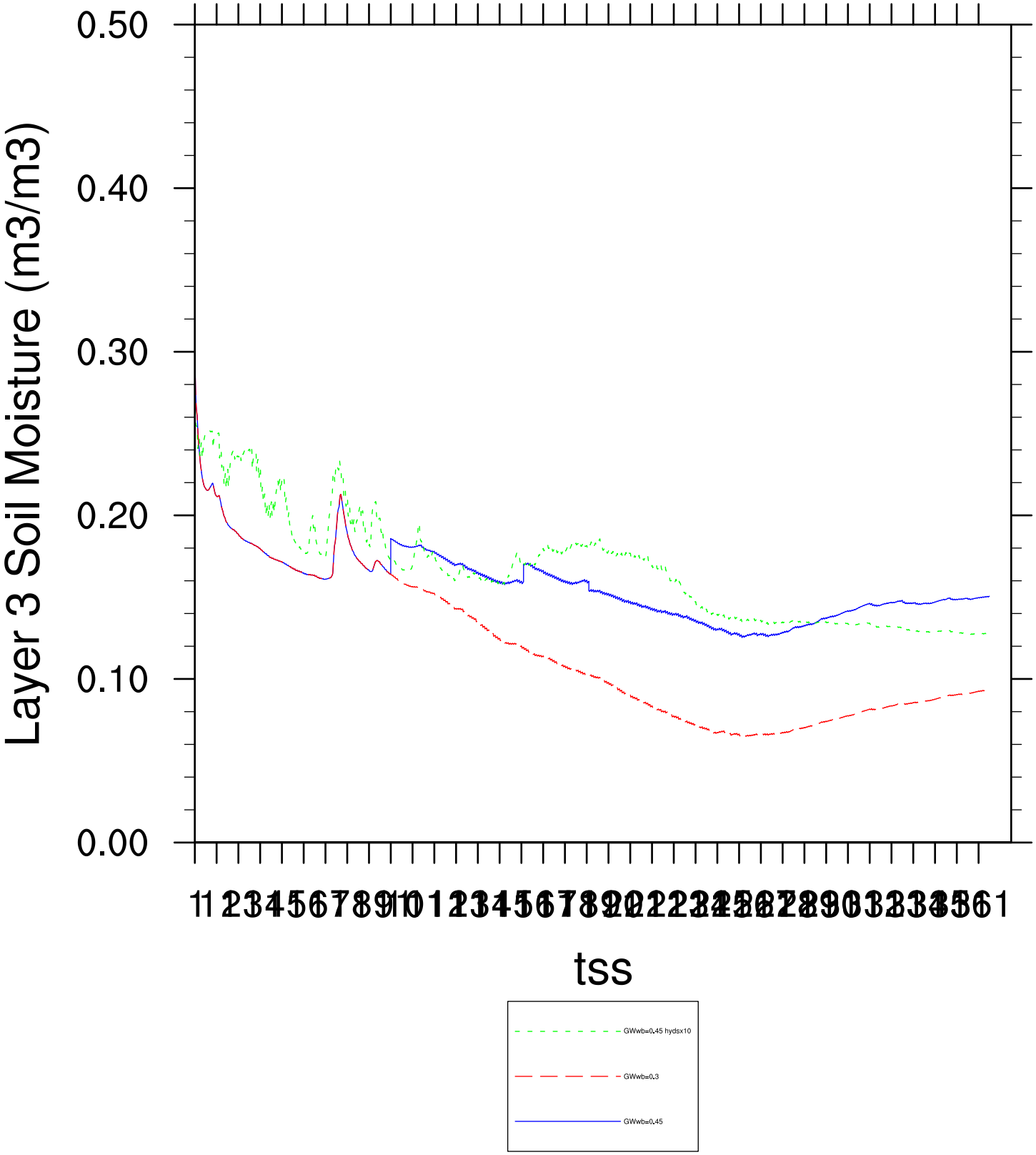

recharge (mm/0.5hr)
0.0000000
-0.0000004
-0.0000008
-0.0000012
-0.0000016
-0.0000020
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

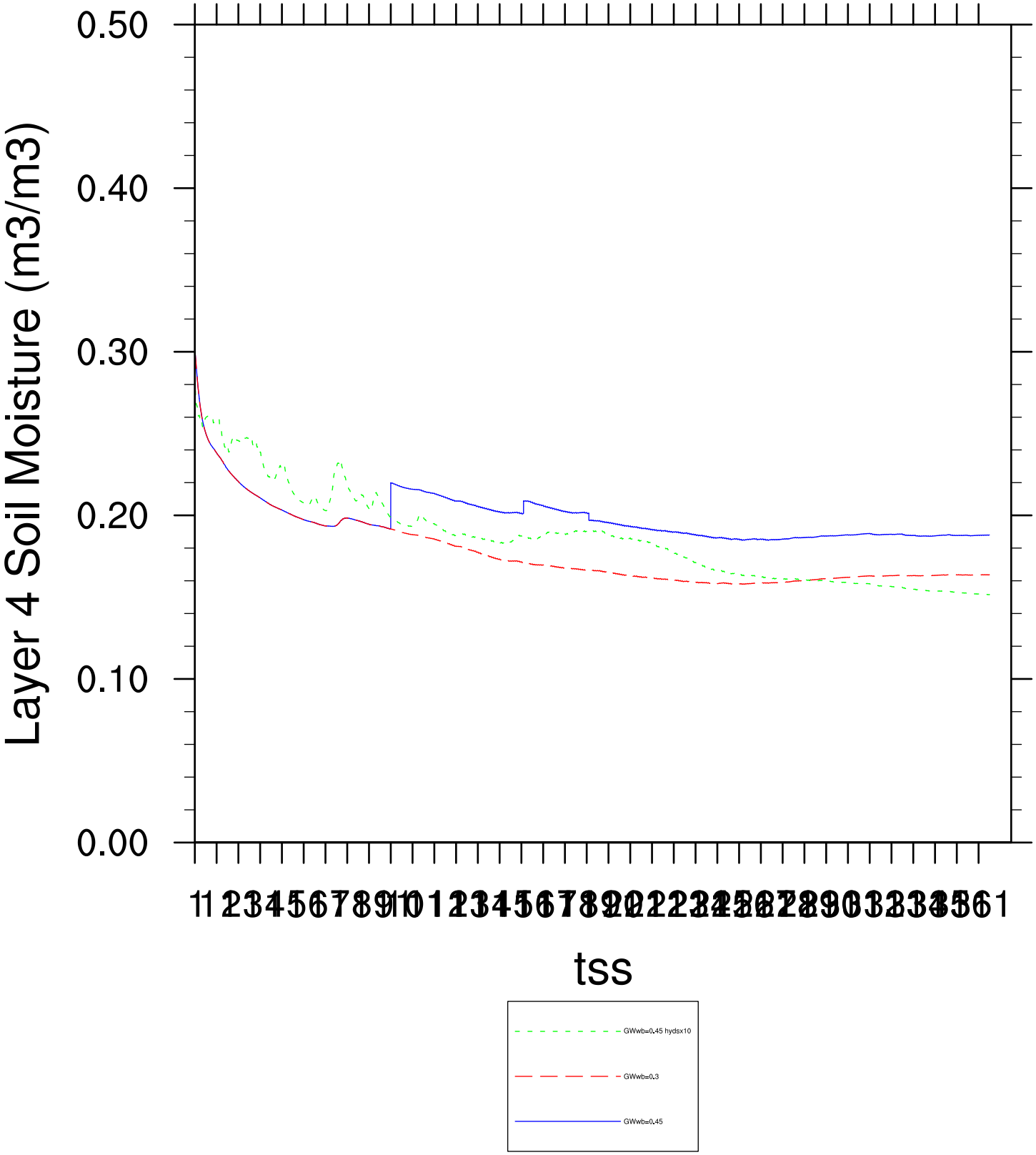

0.440
0.420
0.400
0.380
0.360
0.340
0.320
0.300
Aquifer Moisture (m3/m3)
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

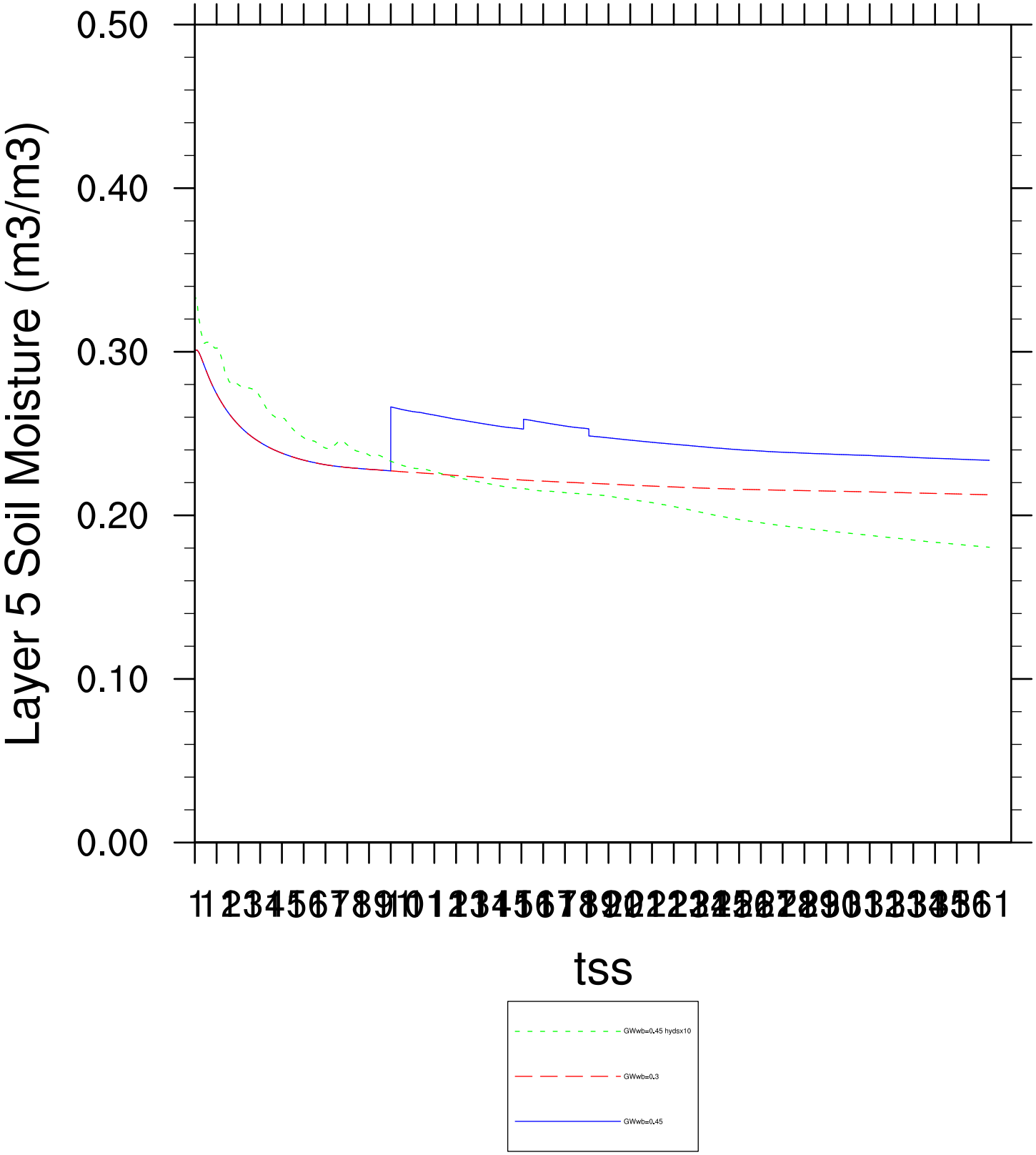

water table depth (mm)
18
15
12
9
6
3
0
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45

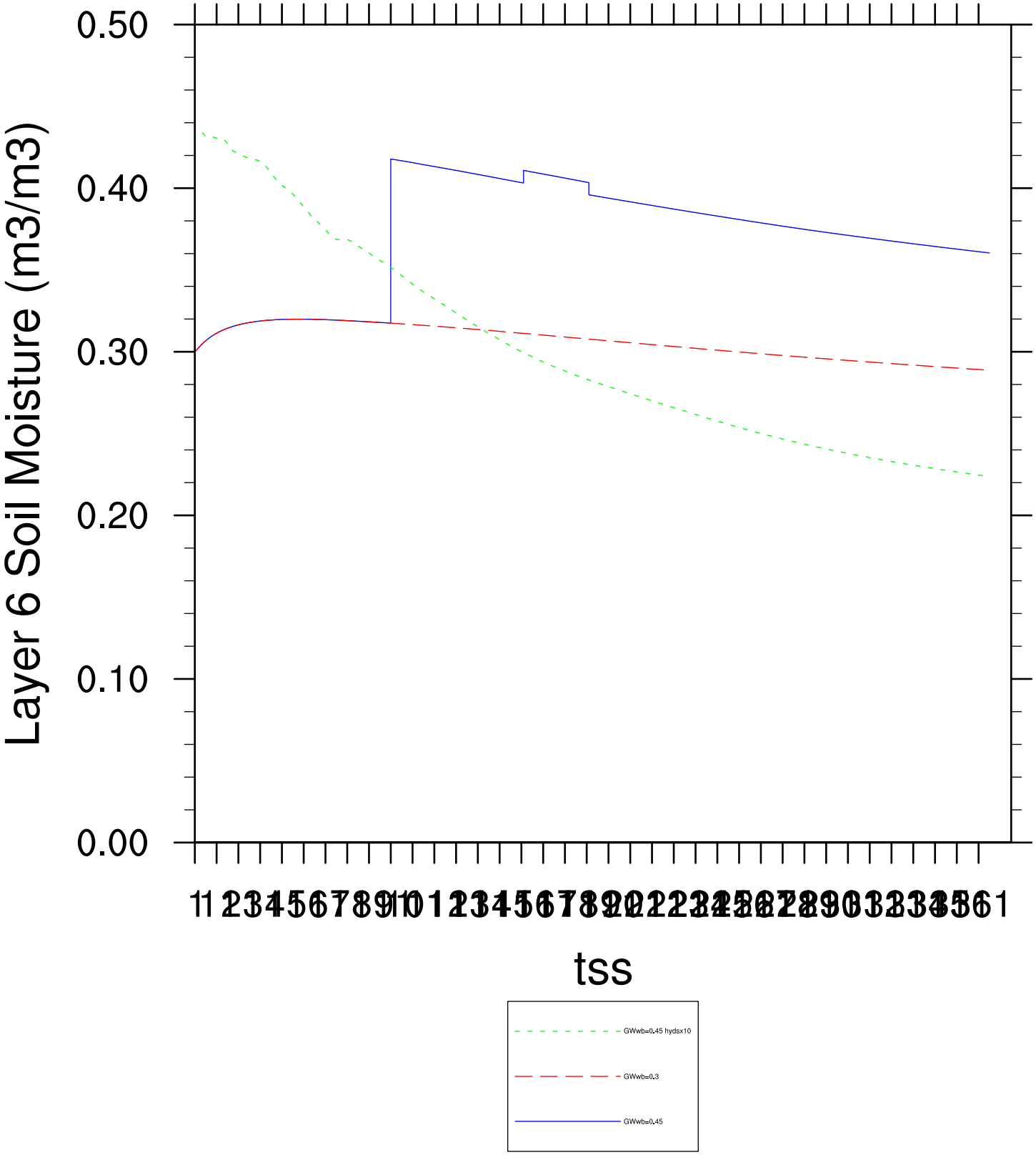

Layer 1 Soil Moisture (m3/m3)
0.50
0.40
0.30
0.20
0.10
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45


Layer 2 Soil Moisture (m3/m3)
0.50
0.40
0.30
0.20
0.10
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45


0.50
0.40
0.30
0.20
0.10
0.00
Layer 3 Soil Moisture (m3/m3)
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45


Layer 4 Soil Moisture (m3/m3)
0.50
0.40
0.30
0.20
0.10
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45


Layer 5 Soil Moisture (m3/m3)
0.50
0.40
0.30
0.20
0.10
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45


Layer 6 Soil Moisture (m3/m3)
0.50
0.40
0.30
0.20
0.10
0.00
tss
GWwb=0.45 hydsx10
GWwb=0.3
GWwb=0.45