Reproductibility:

Z01D: Z0REL limited to 0.001 => differences on FMU, FMV

diff max 0.0000000 1 1

diff min -2.87950042E-17 90 41

average 2.67273998E-19

CANOPY:

T ROAD1 (CROUGH=NONE)

diff max 2.9150085 43 6 301.69501 299.92300

diff min -4.7359924 28 149

average 0.59359926

after correction on coupling tebn.F90:

diff max 0.33700562 18 199 301.69501 301.15100

diff min -1.1919861 94 124

average 5.67261912E-02

after correction on urban drag.F90:

diff max 0.13400269 38 4 301.69501 301.26001

diff min -1.0350037 94 124

average 4.39034179E-02

After modifications on sm10:

diff max 0.0000000 1 1 301.69501 301.69501

diff min 0.0000000 1 1

average 0.0000000

TEB CAN Q01

diff max 0.0000000 11 1 1.88698992E-02 1.58843994E-02

diff min -3.59449908E-03 56 159

average 1.44442834E-03

After correction on writesurf teb canopyn.F90:

diff max 0.0000000 1 1 1.88698992E-02 1.88698992E-02

diff min 0.0000000 1 1

average 0.0000000