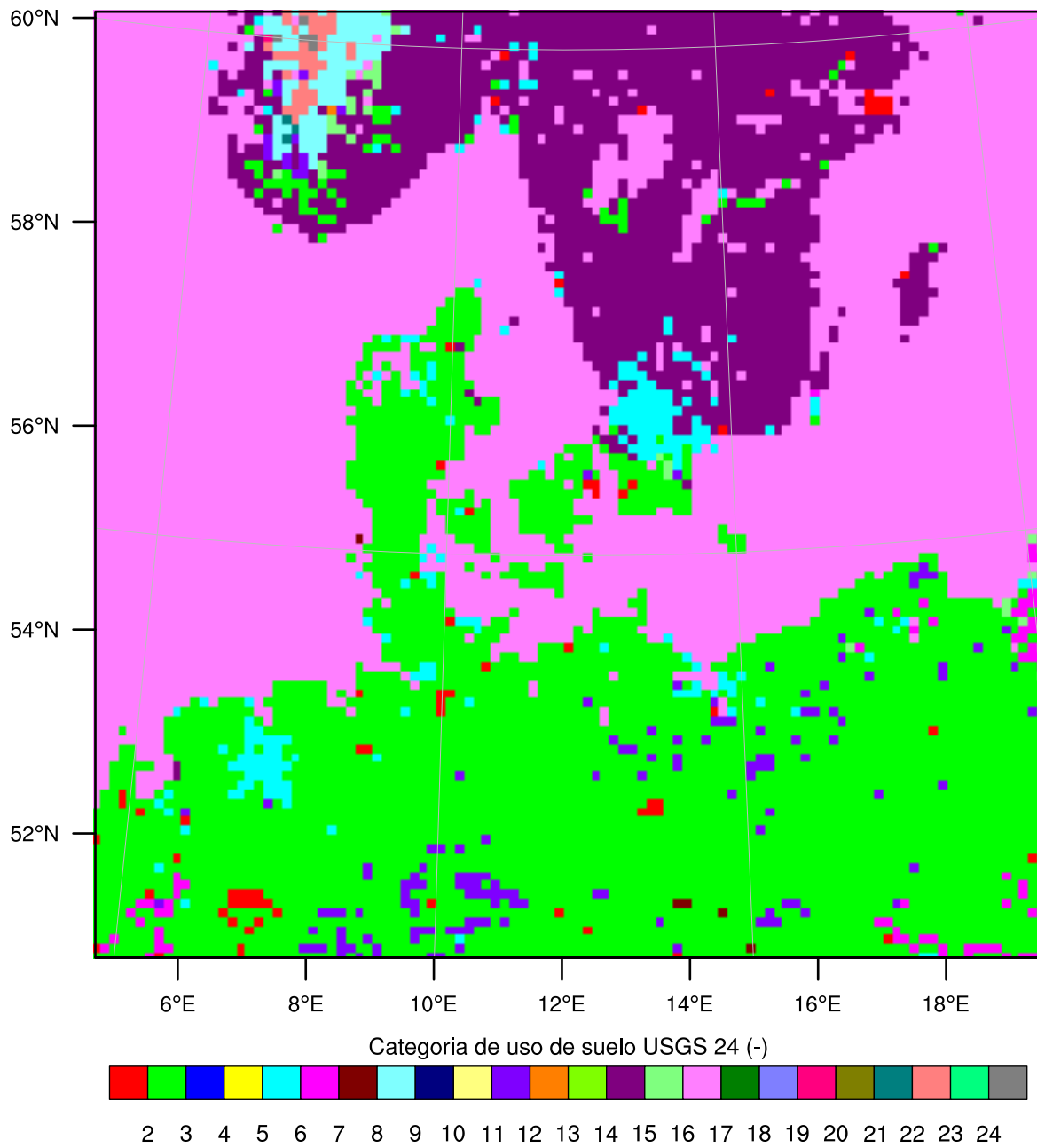
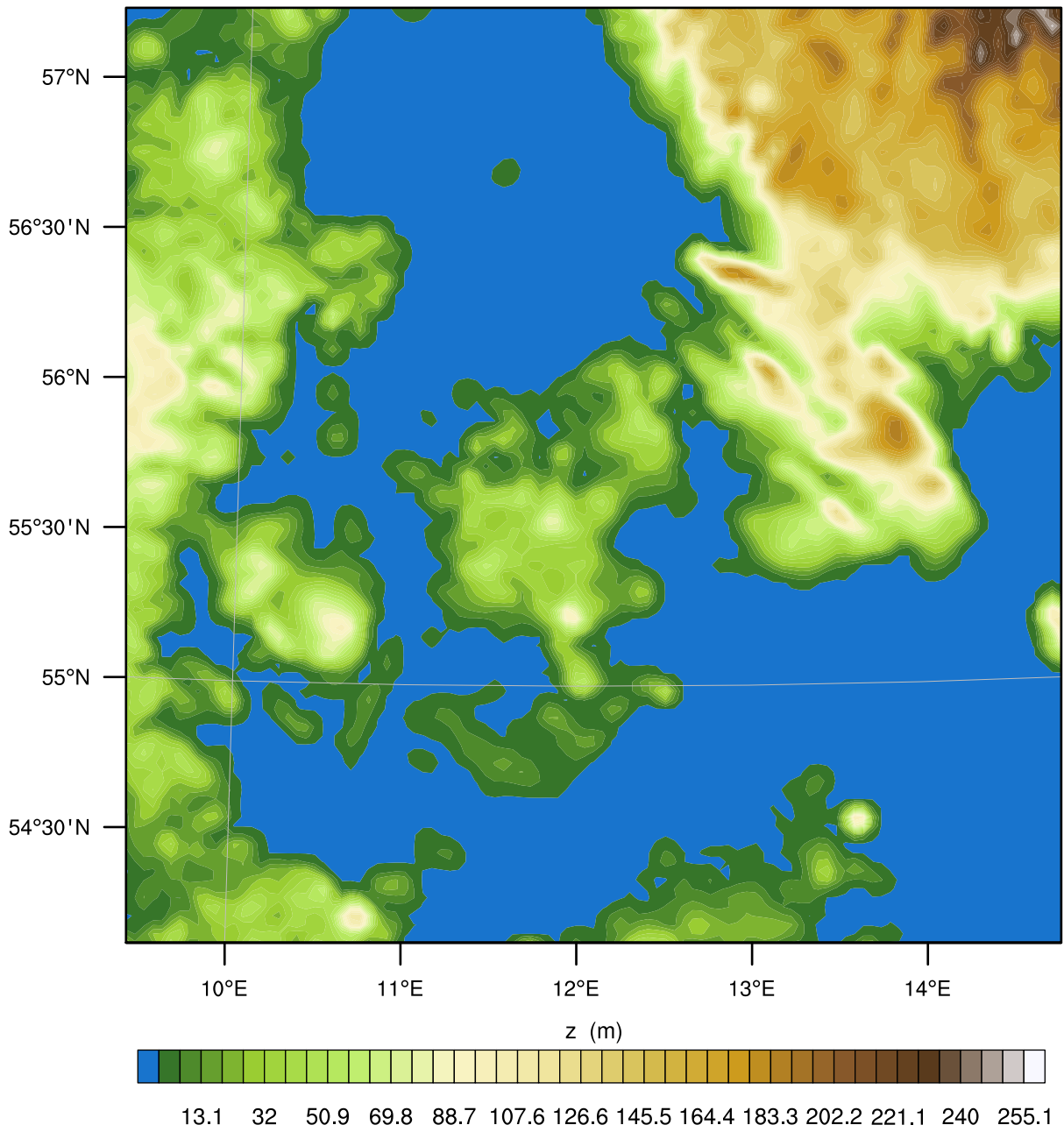


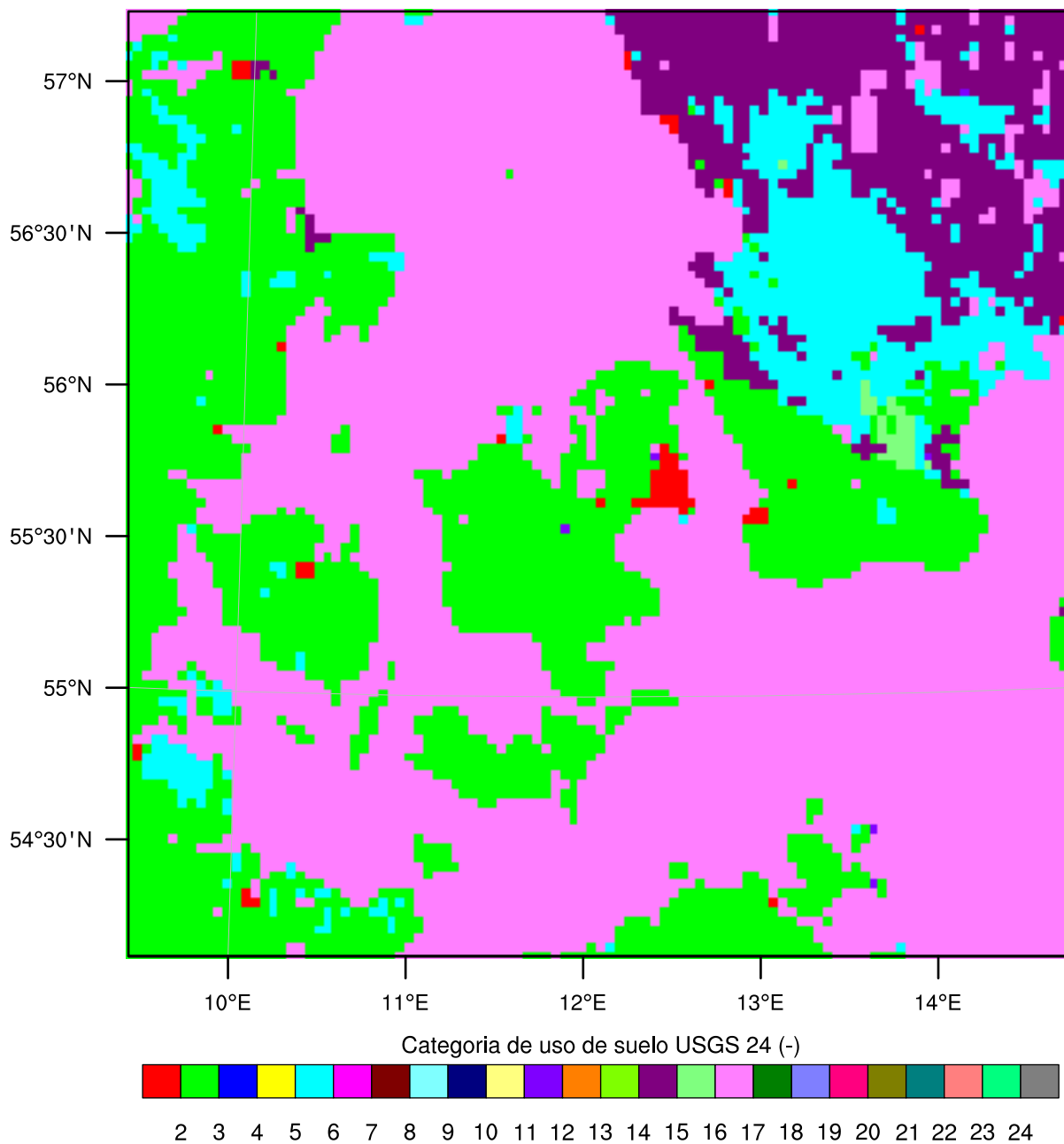
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 10km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 93



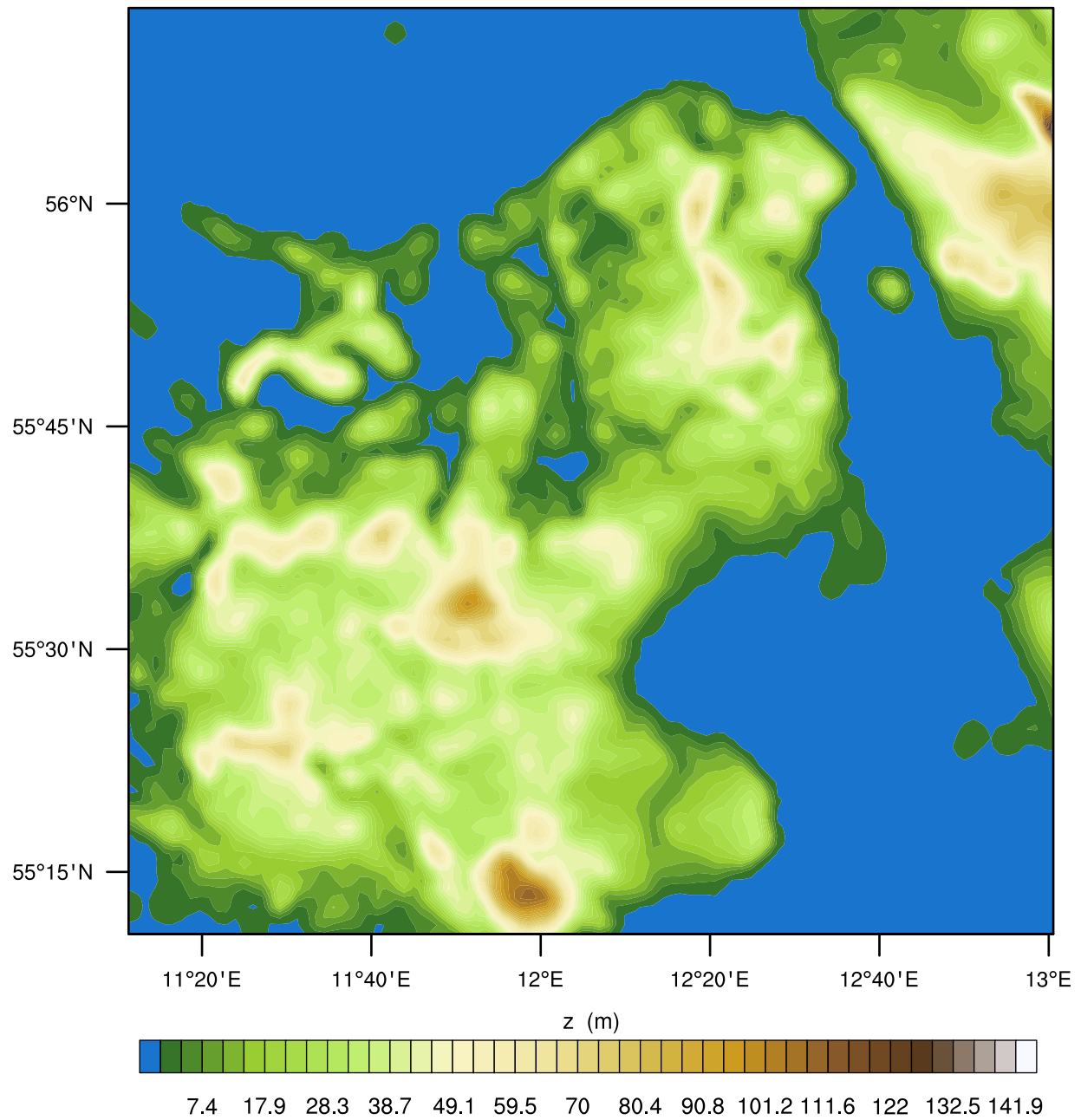
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 10km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 93



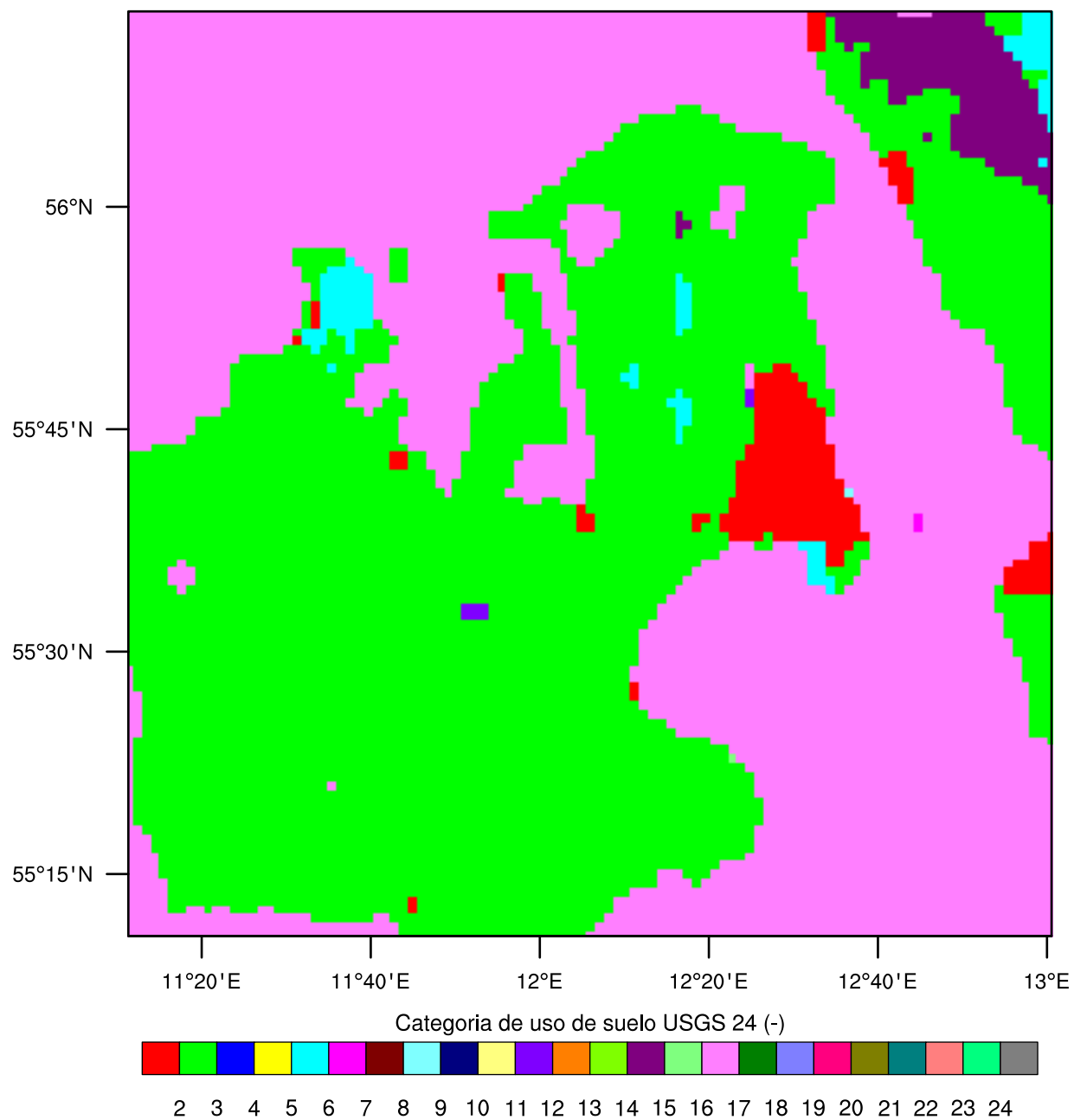
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 3.33333km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



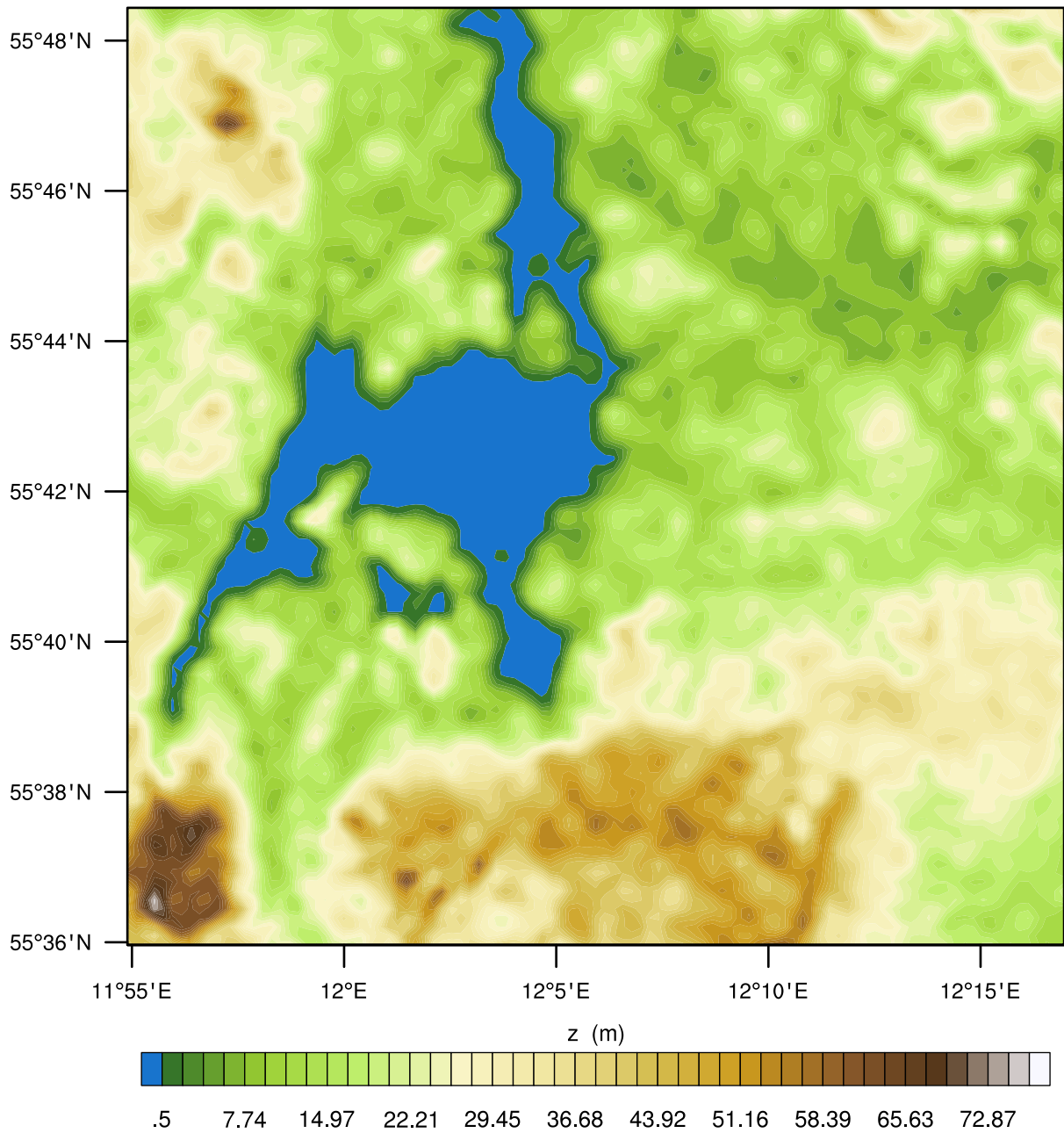
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 3.33333km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



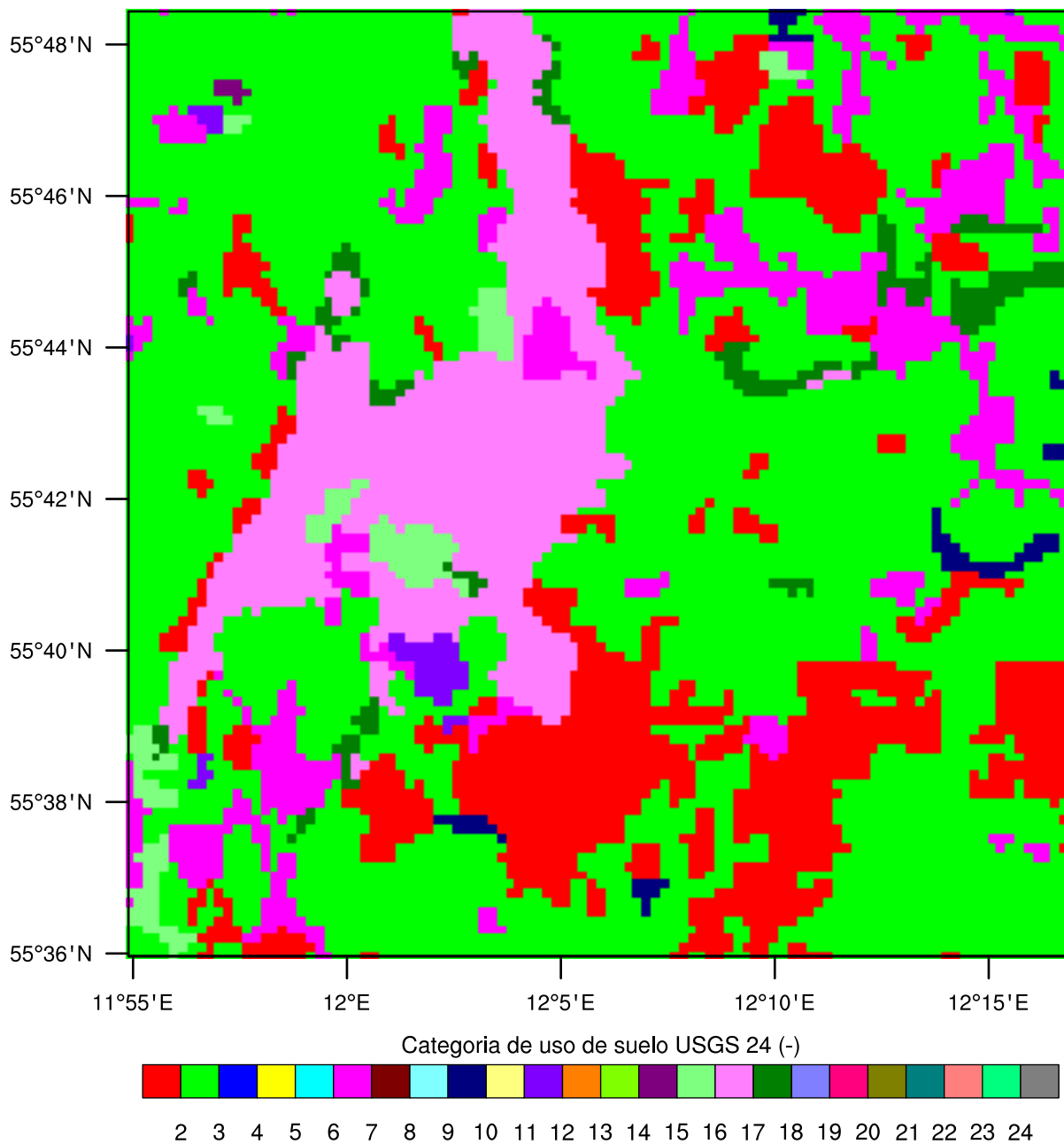
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 1.11111km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



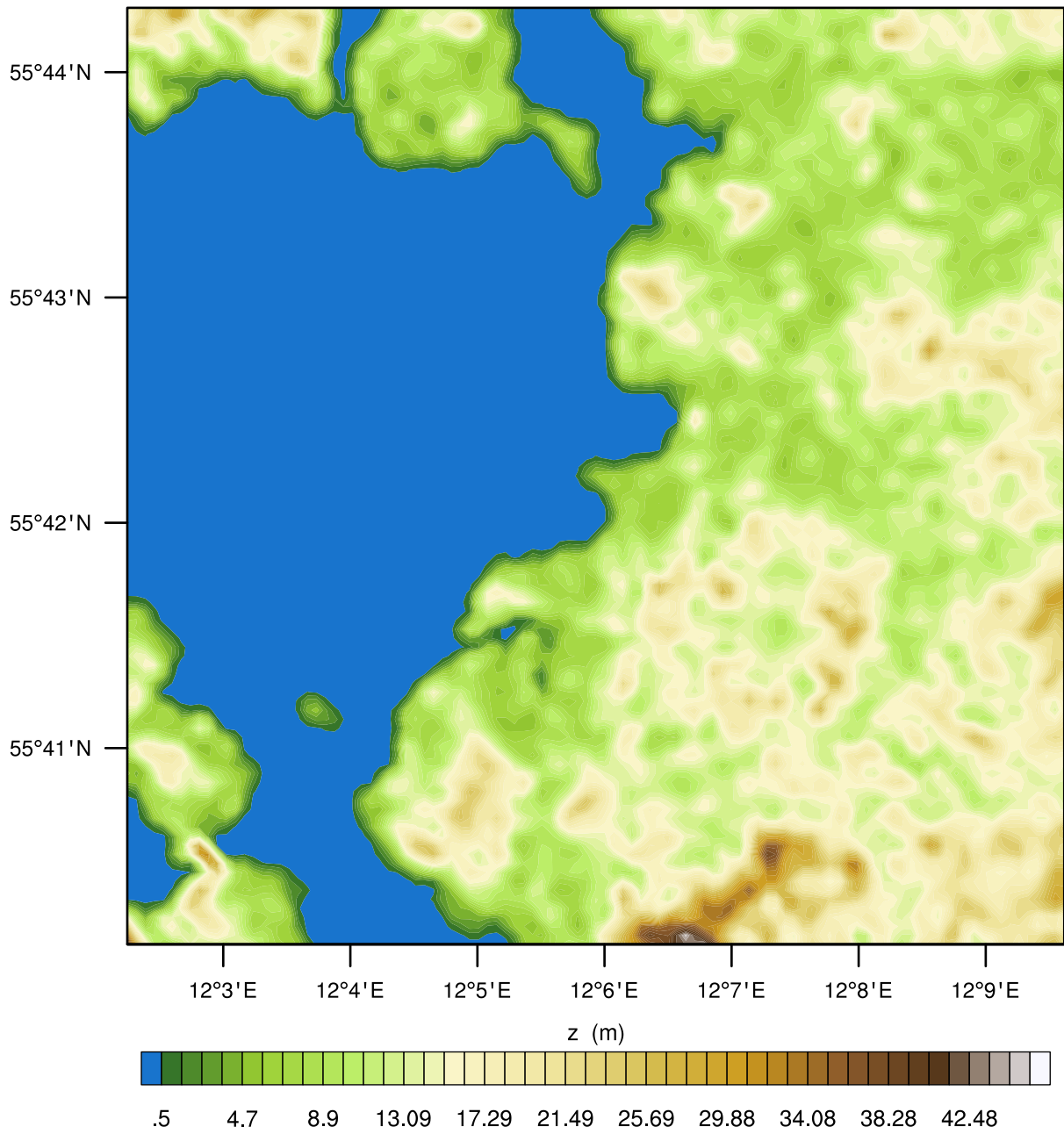
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 1.11111km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



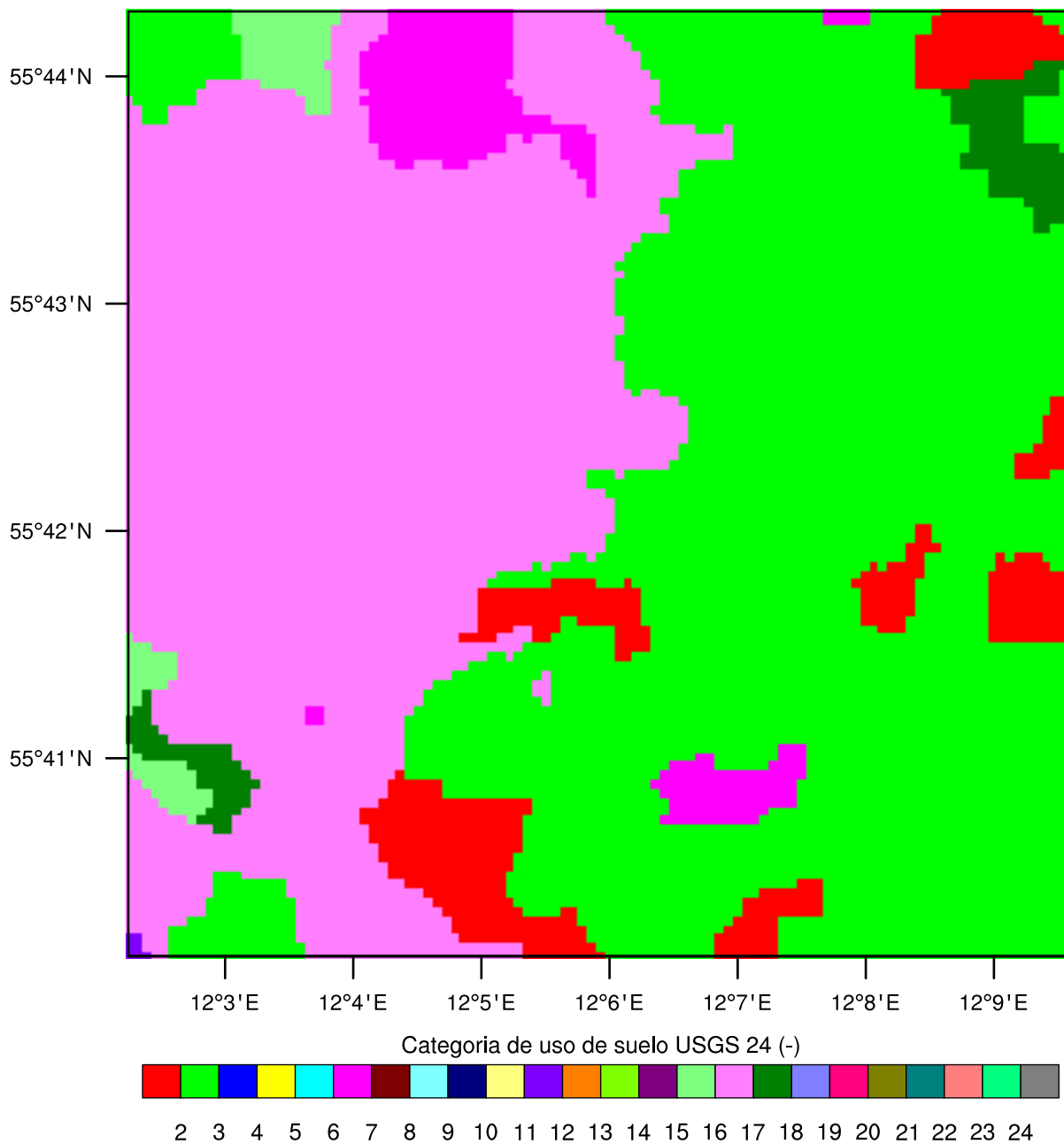
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.222222km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



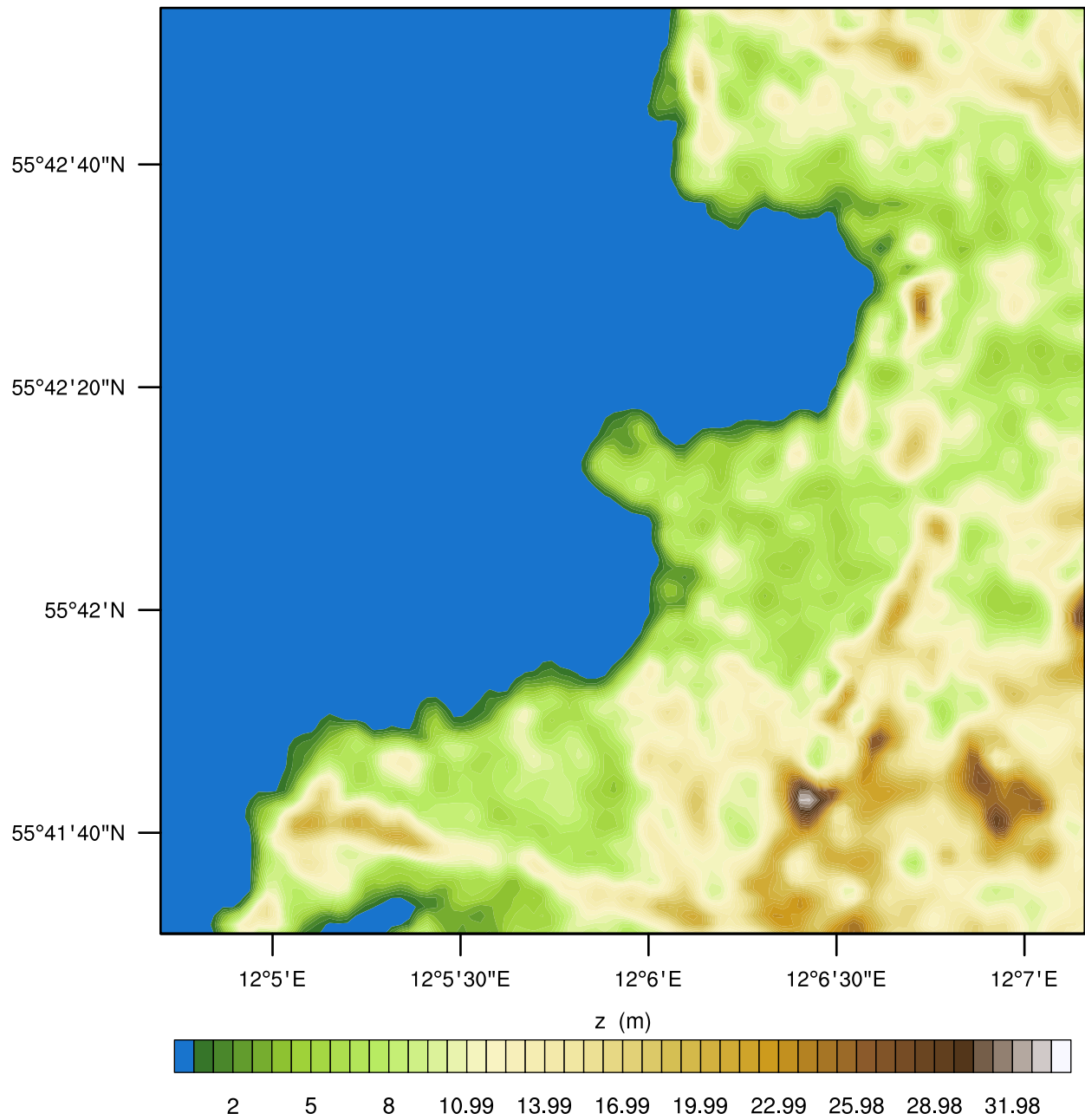
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.222222km ; Phys Opt = 4 ; PBL Opt = 5 ; Cu Opt = 0



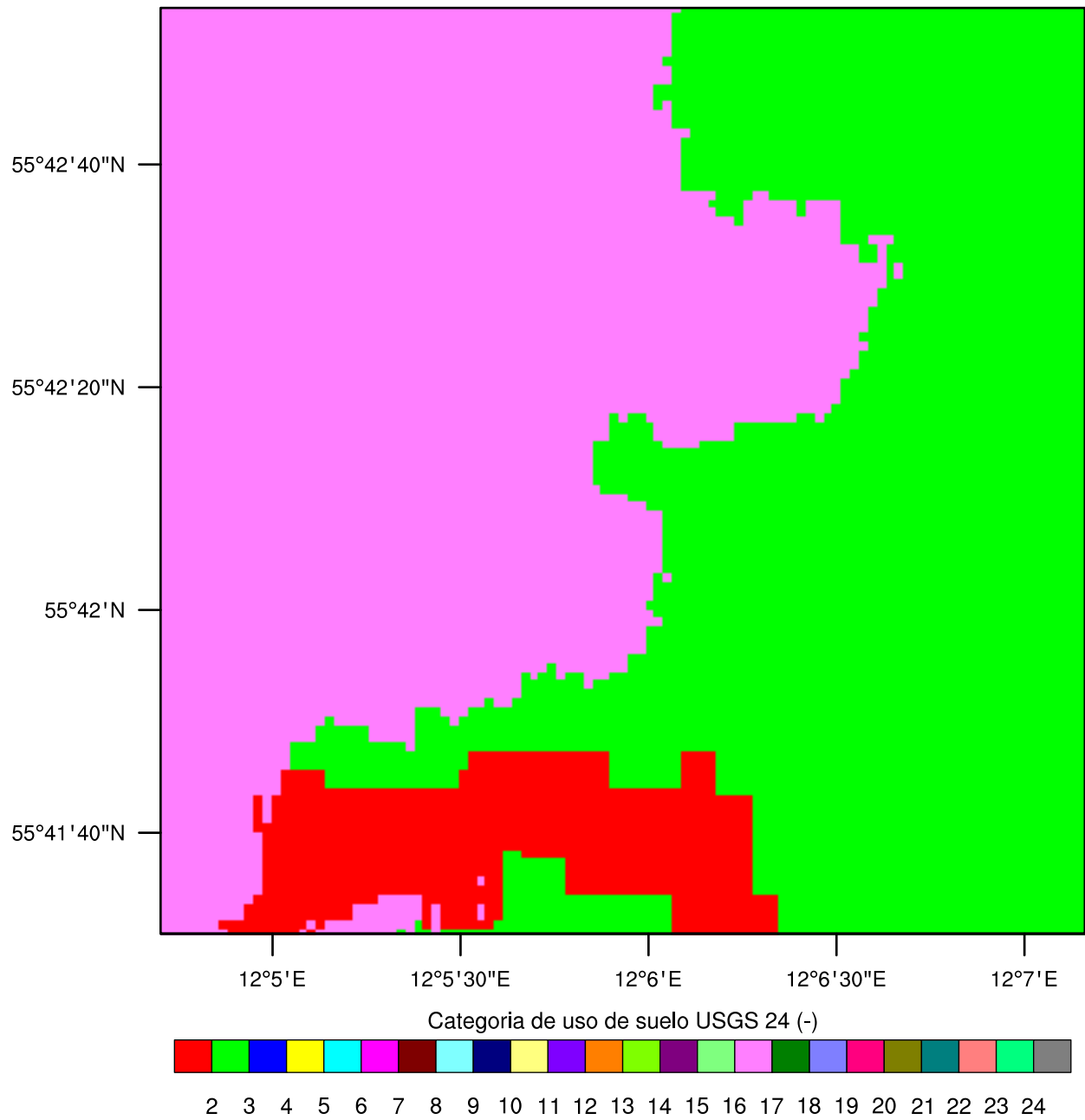
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.0740741km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



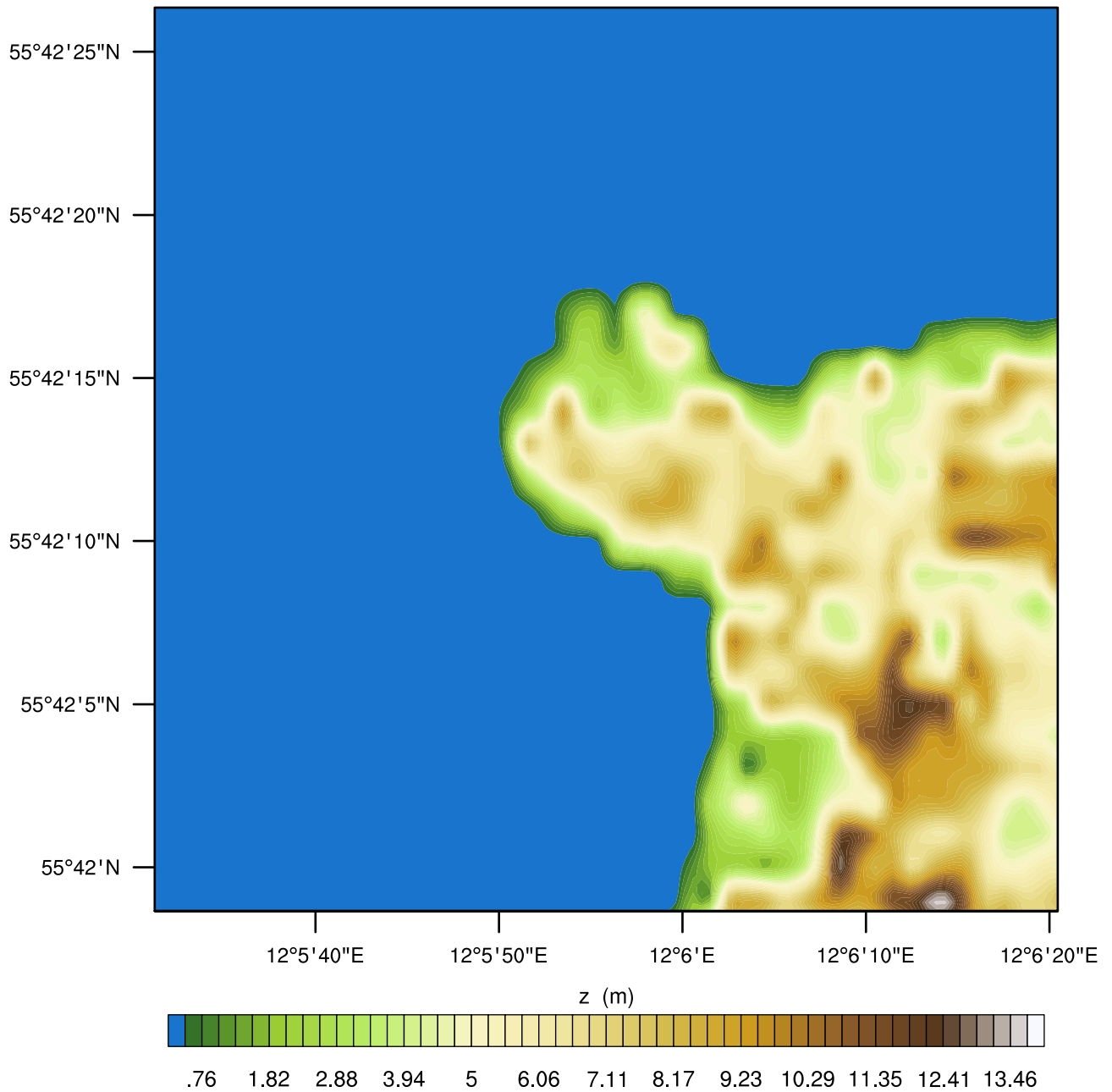
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.0740741km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



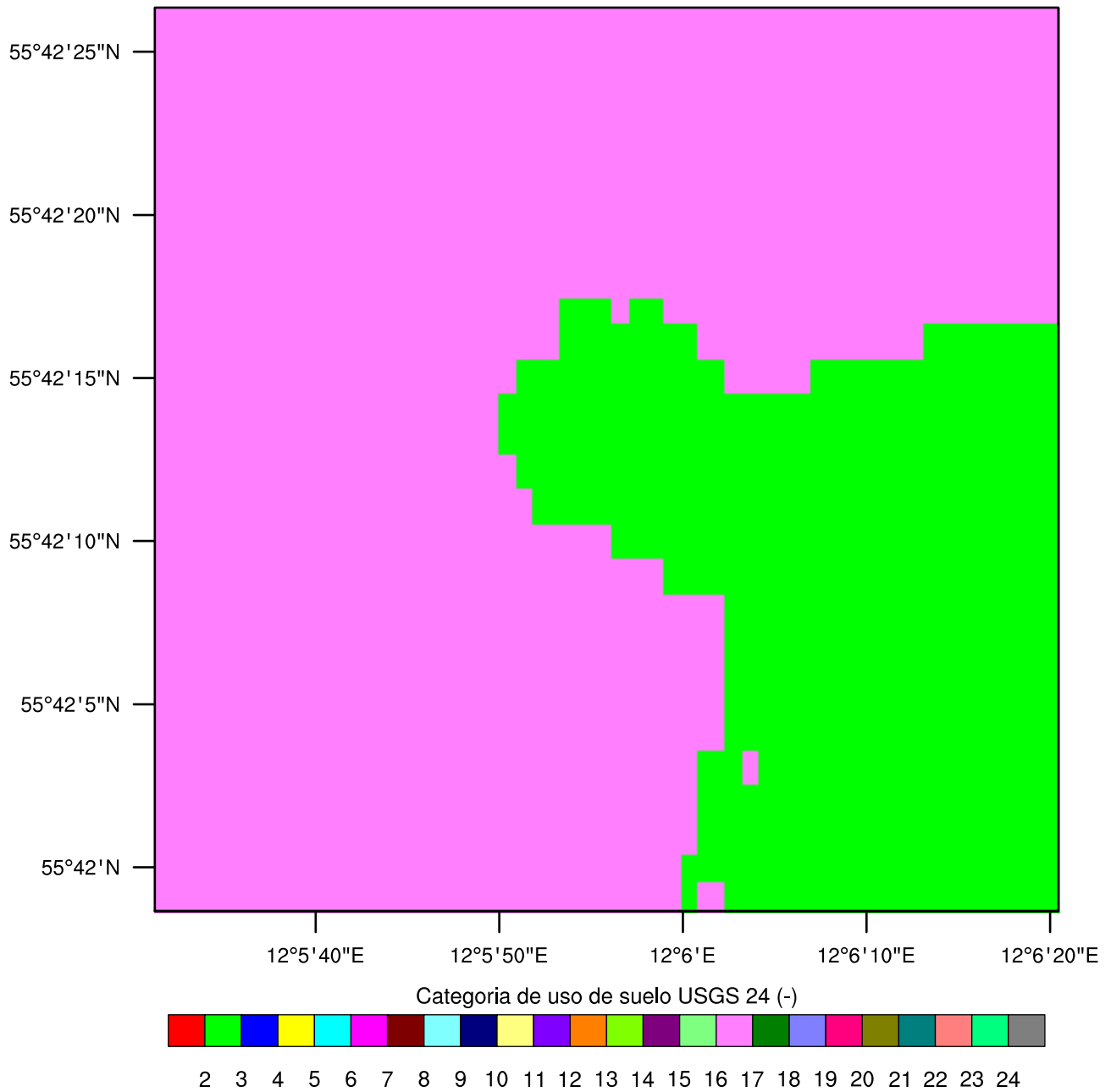
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.0246914km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



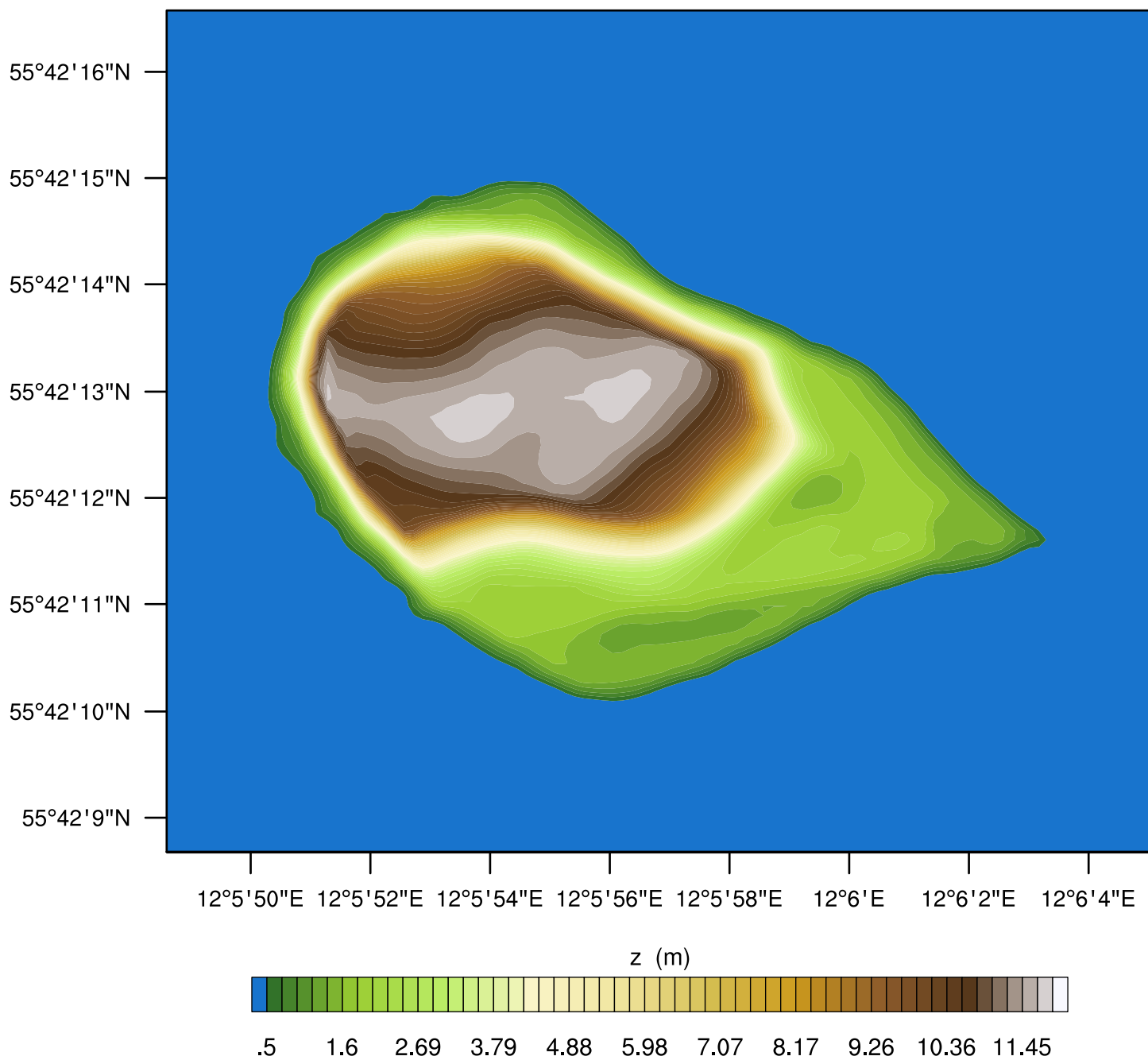
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.0246914km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



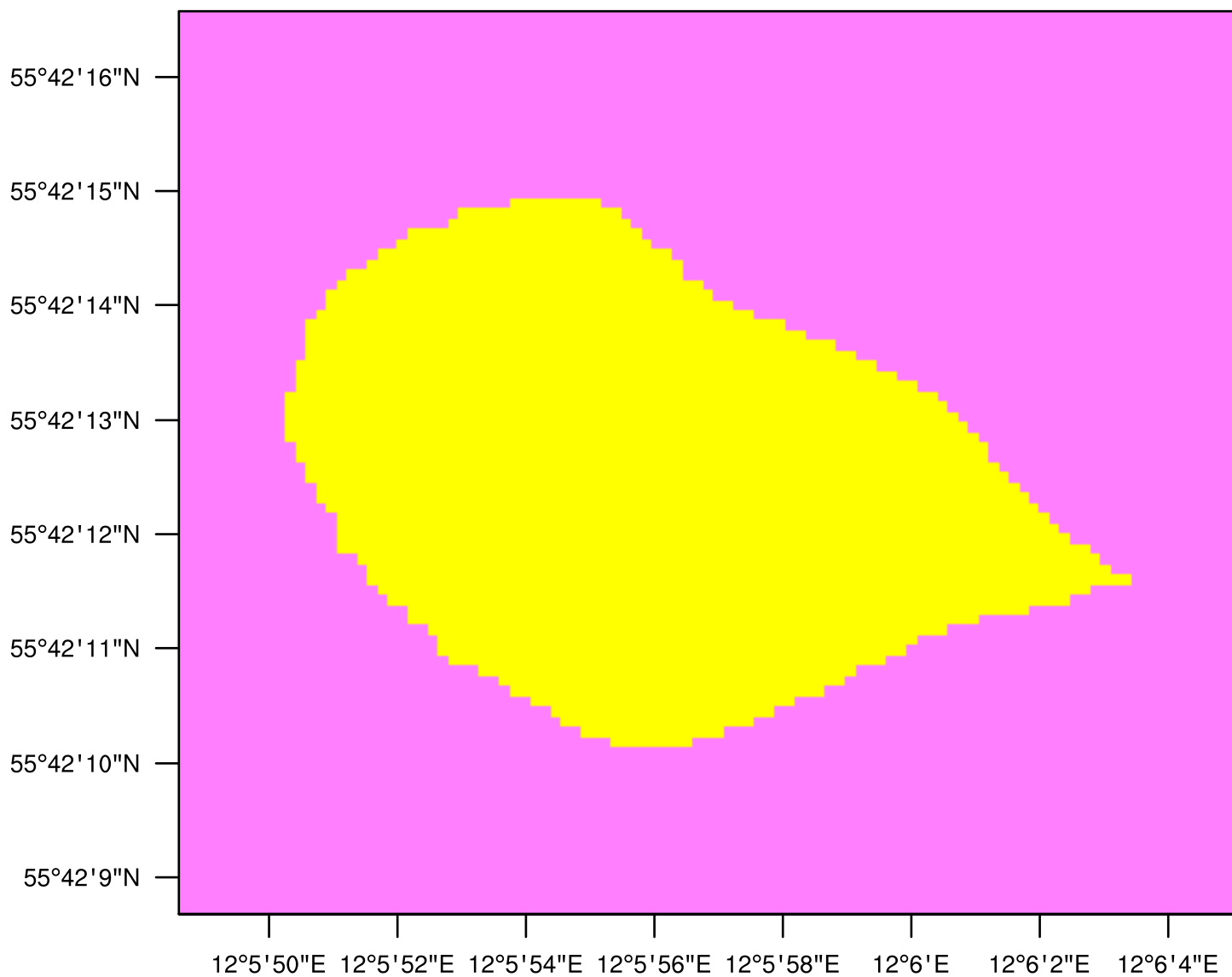
OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.00823045km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 106 ; Levels = 40 ; Dis = 0.00823045km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
WE = 106 ; SN = 91 ; Levels = 40 ; Dis = 0.00274348km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0



OUTPUT FROM REAL_EM V3.8.1 PREPROCESSOR
 WE = 106 ; SN = 91 ; Levels = 40 ; Dis = 0.00274348km ; Phys Opt = 4 ; PBL Opt = 0 ; Cu Opt = 0