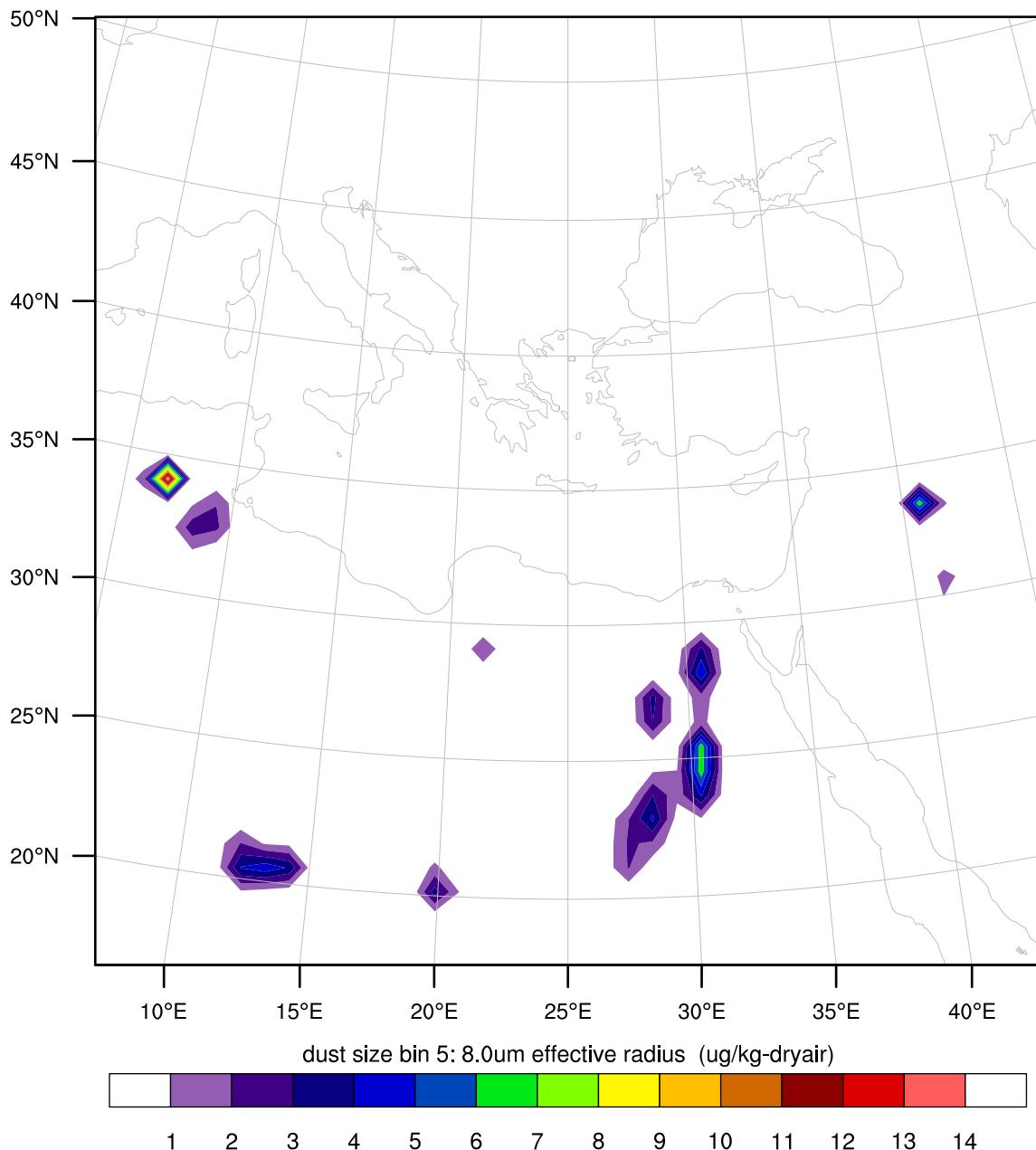


REAL-TIME WRF

Init: 2010-07-14_00:00:00

Valid: 2010-07-14_01:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

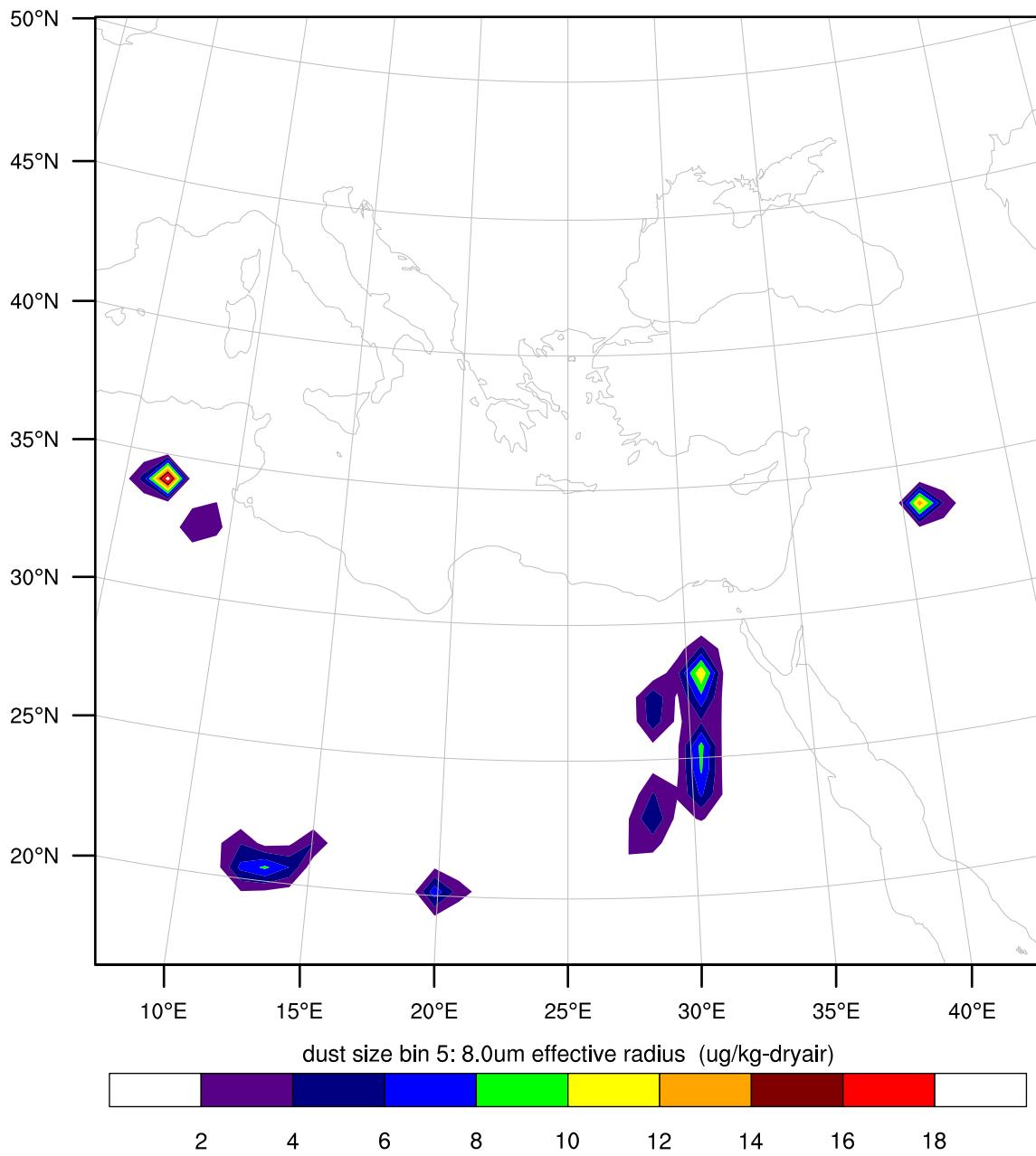


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_02:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

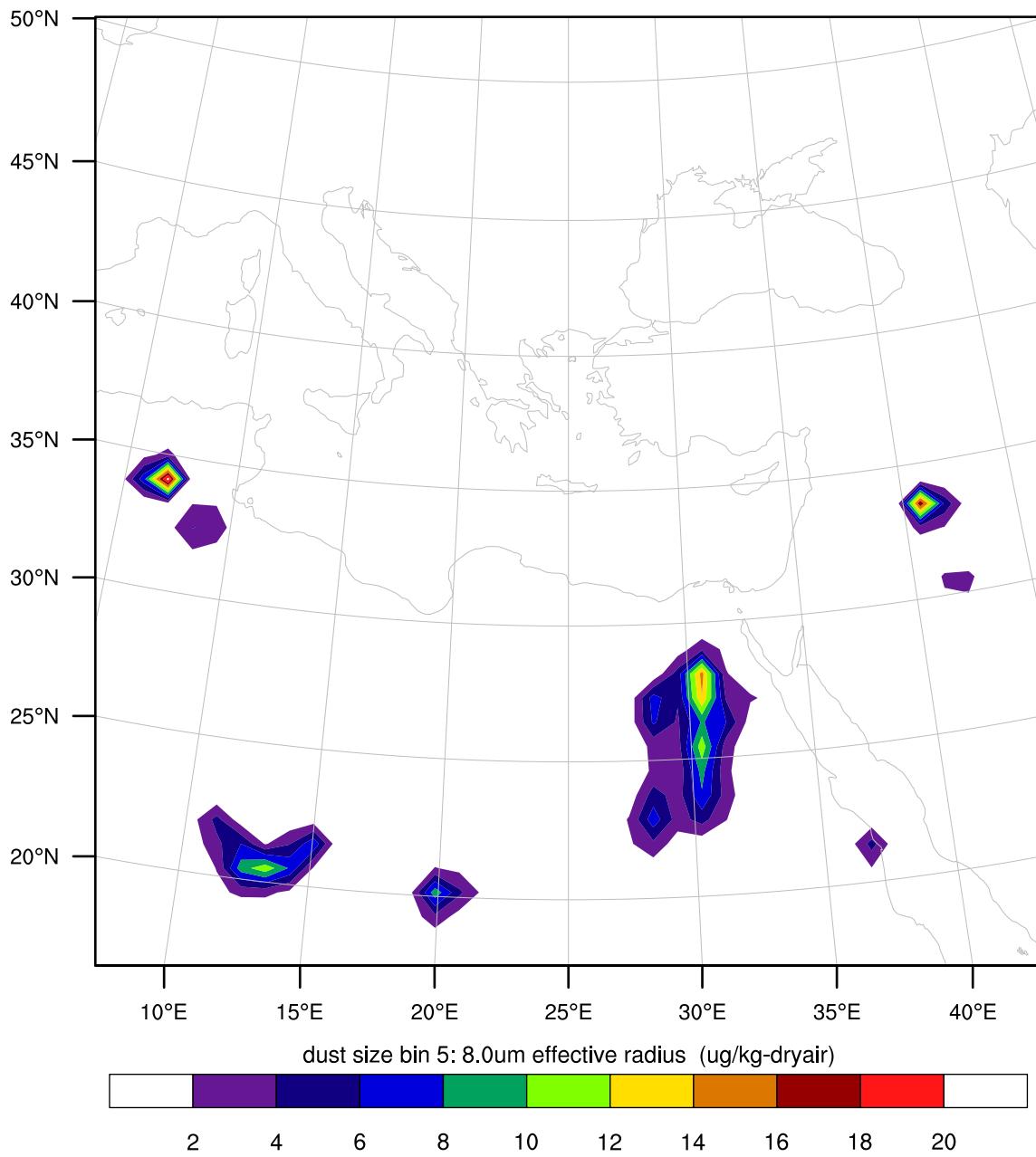


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_03:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

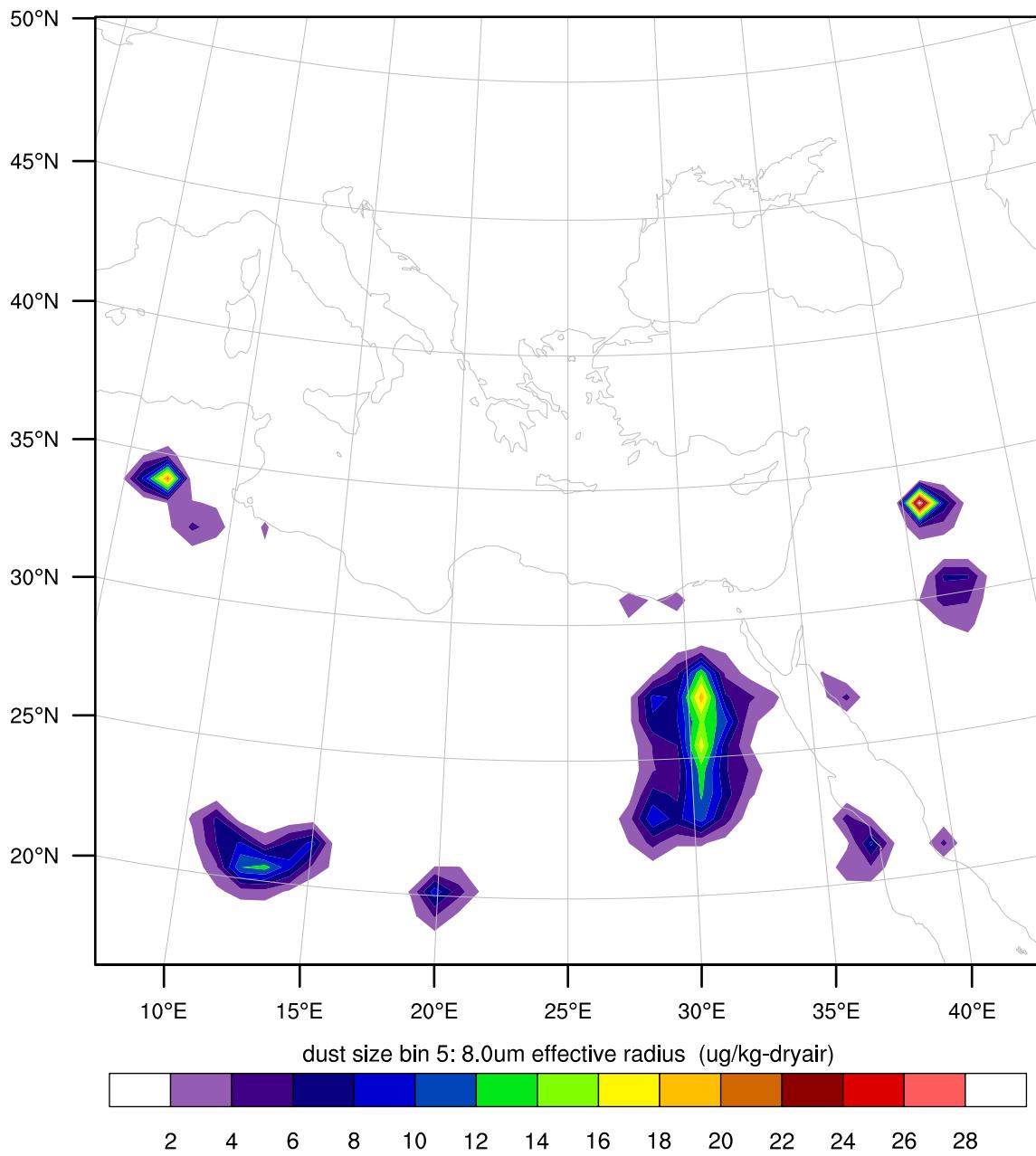


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_04:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

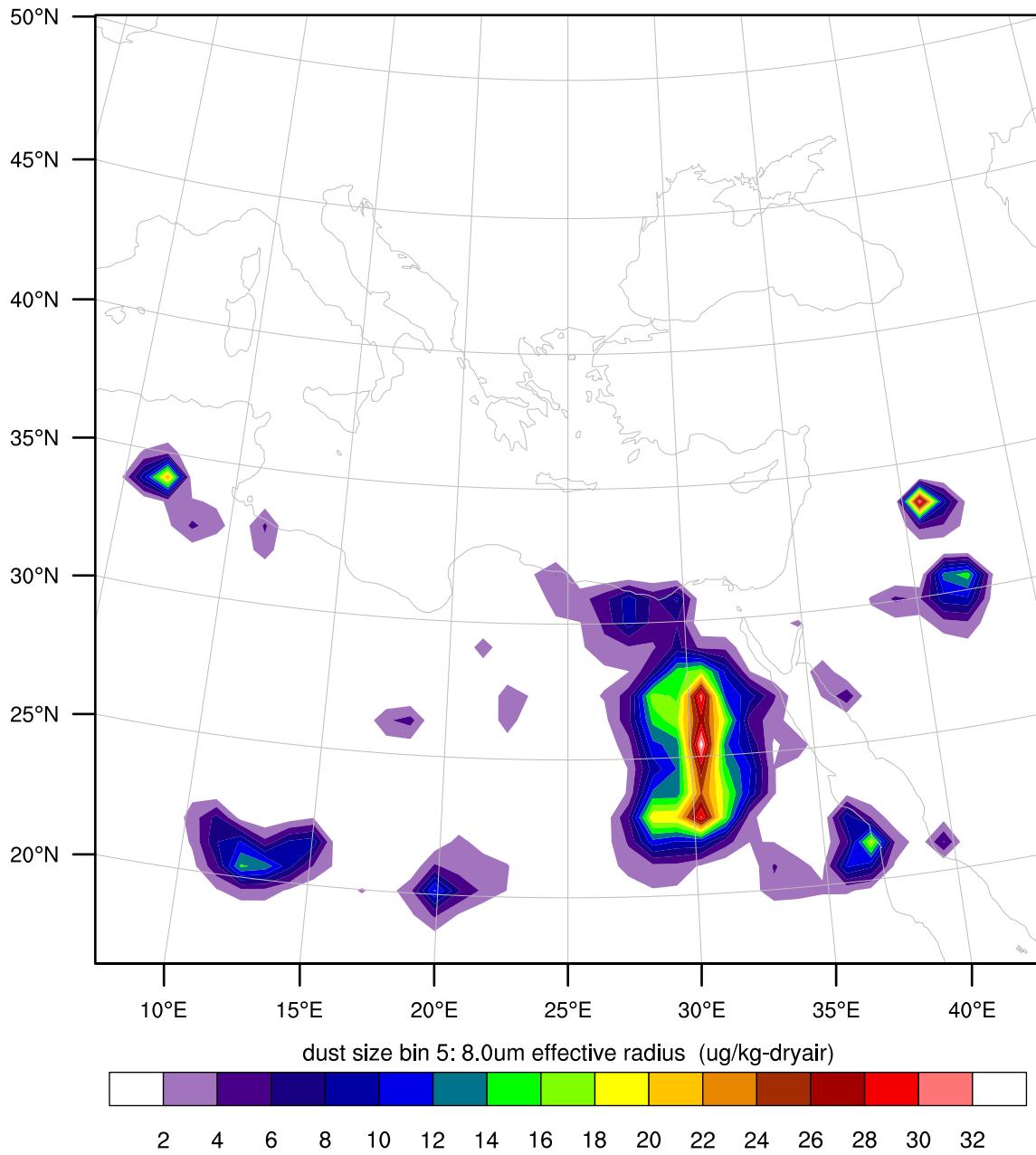


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_05:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

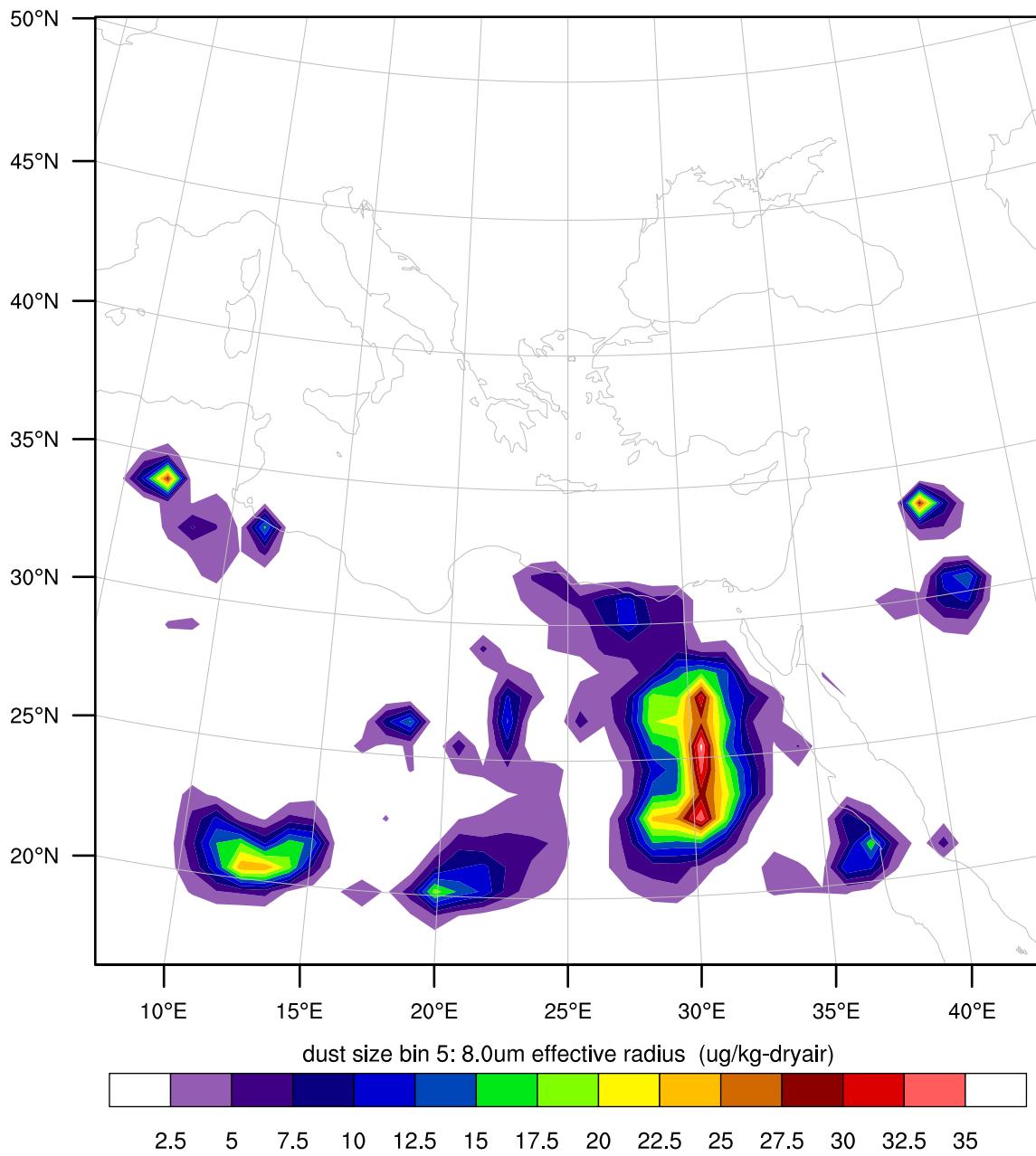


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_06:00:00

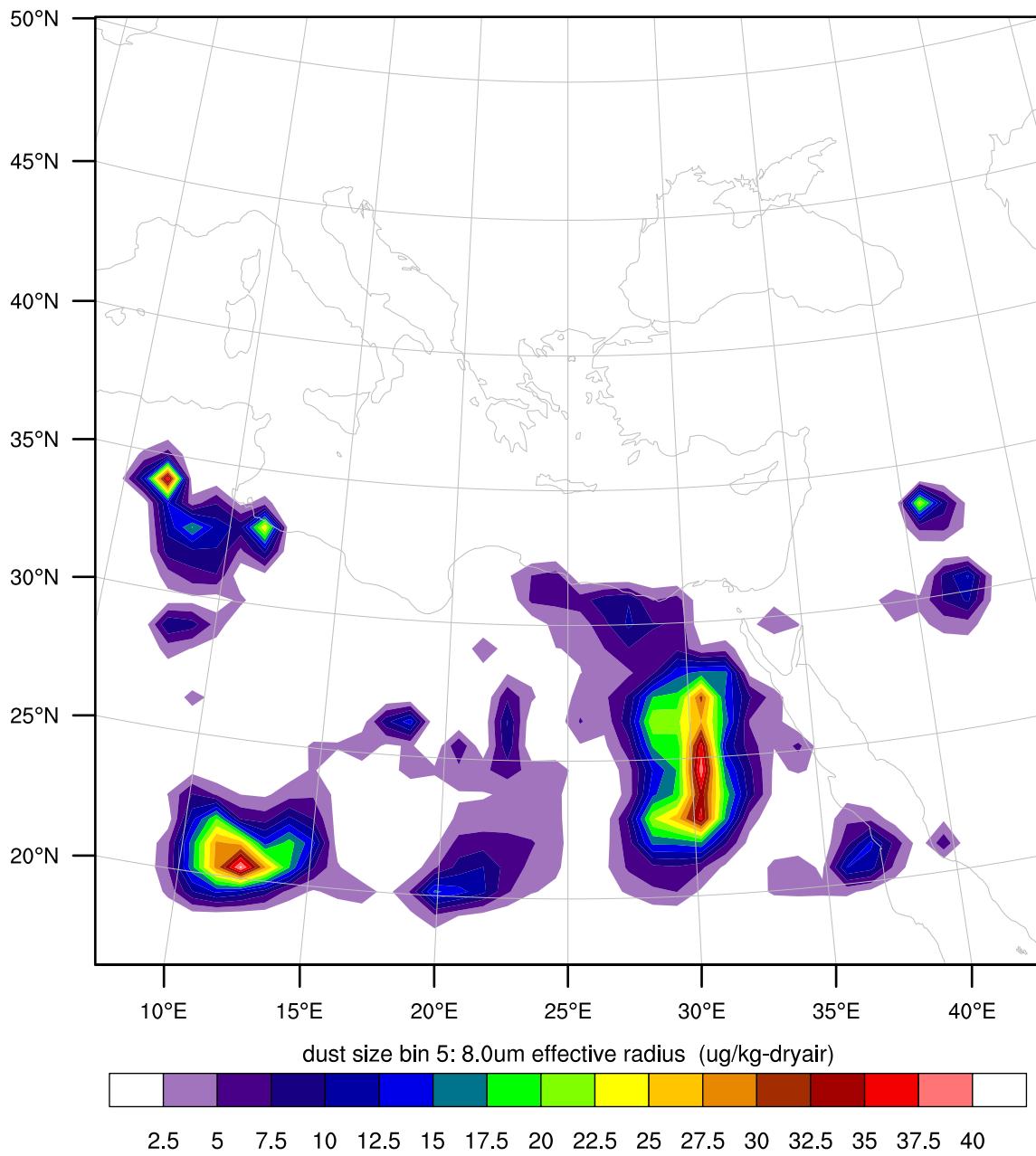
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_07:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

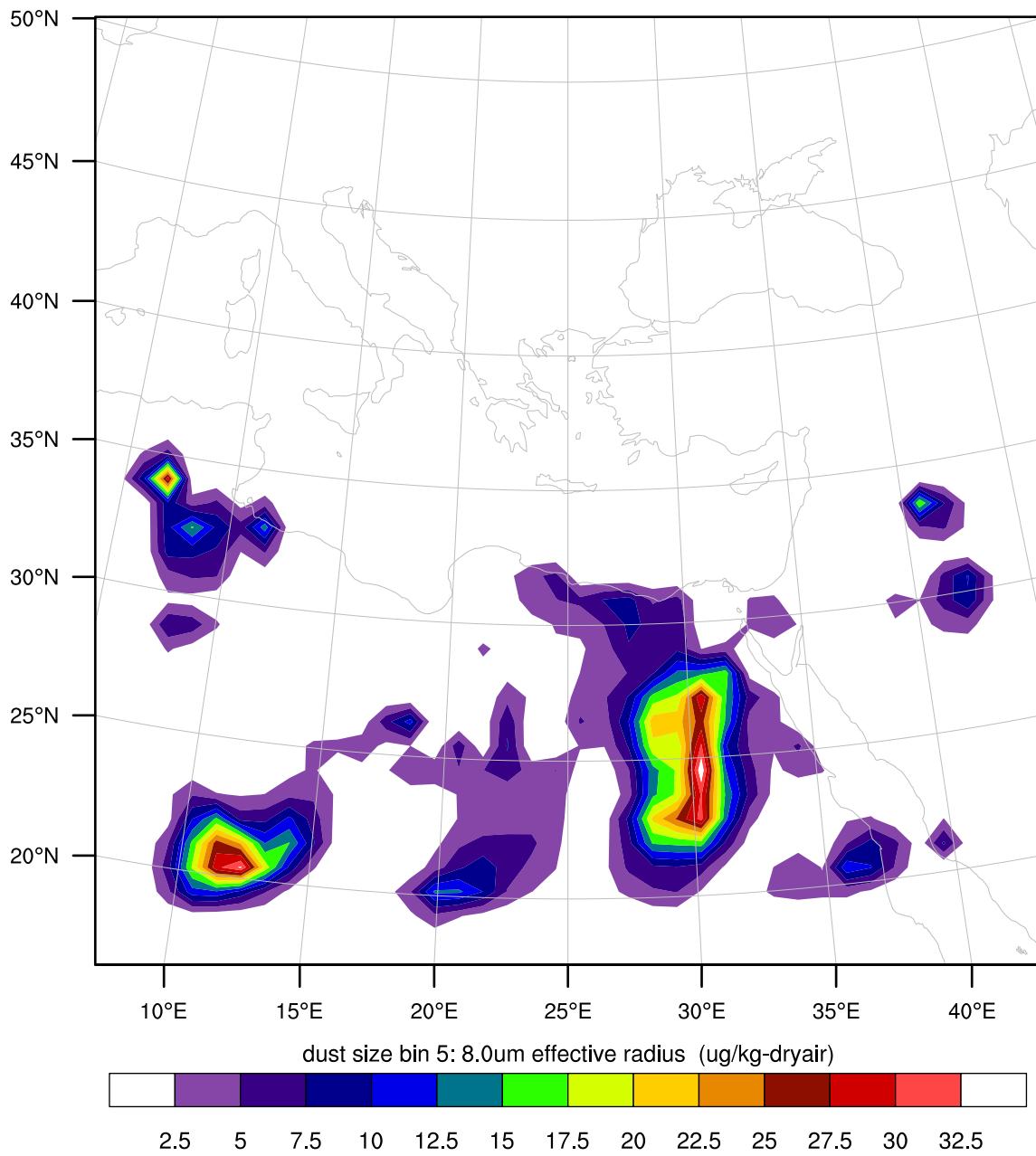


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_08:00:00

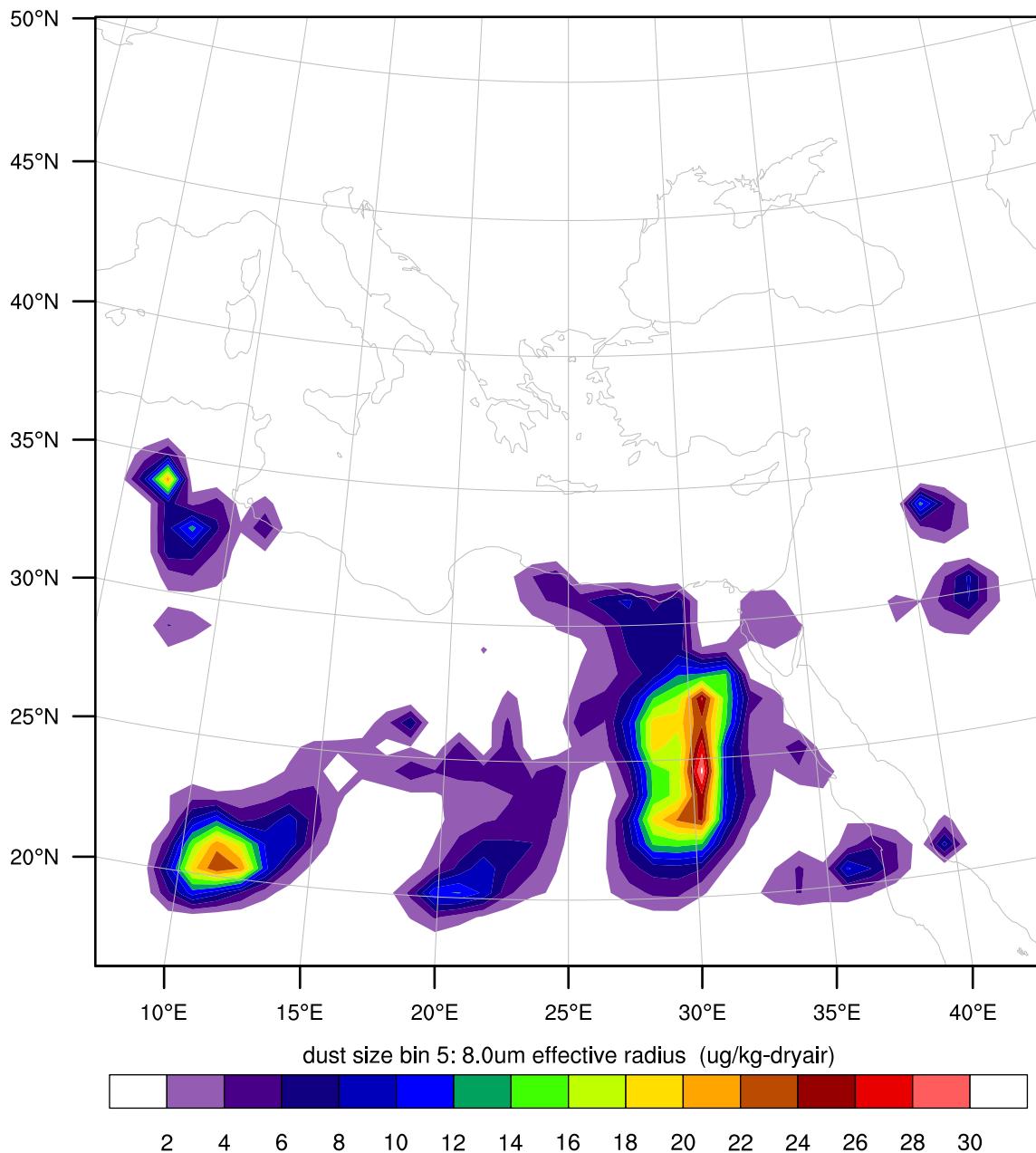
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_09:00:00

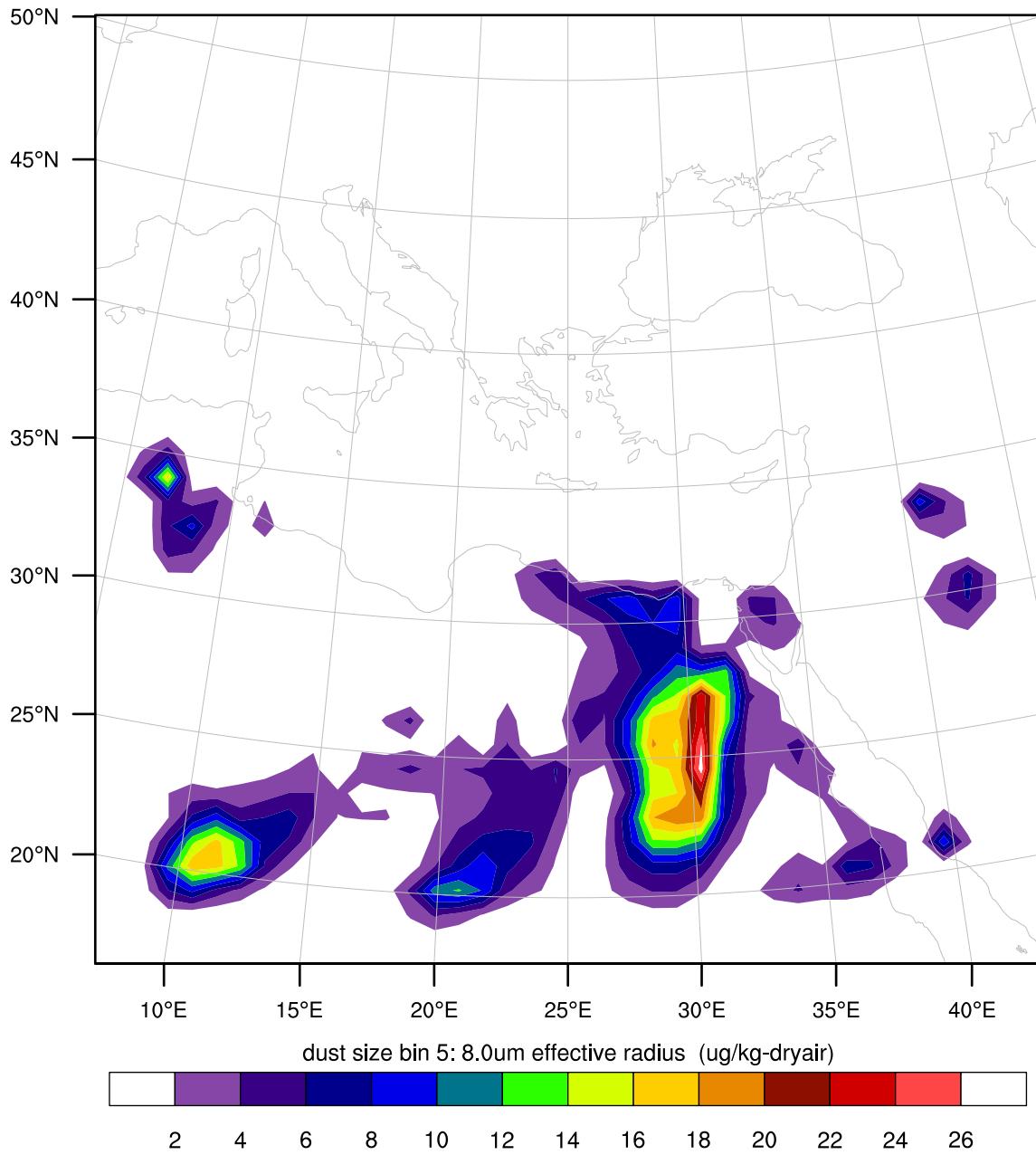
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_10:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

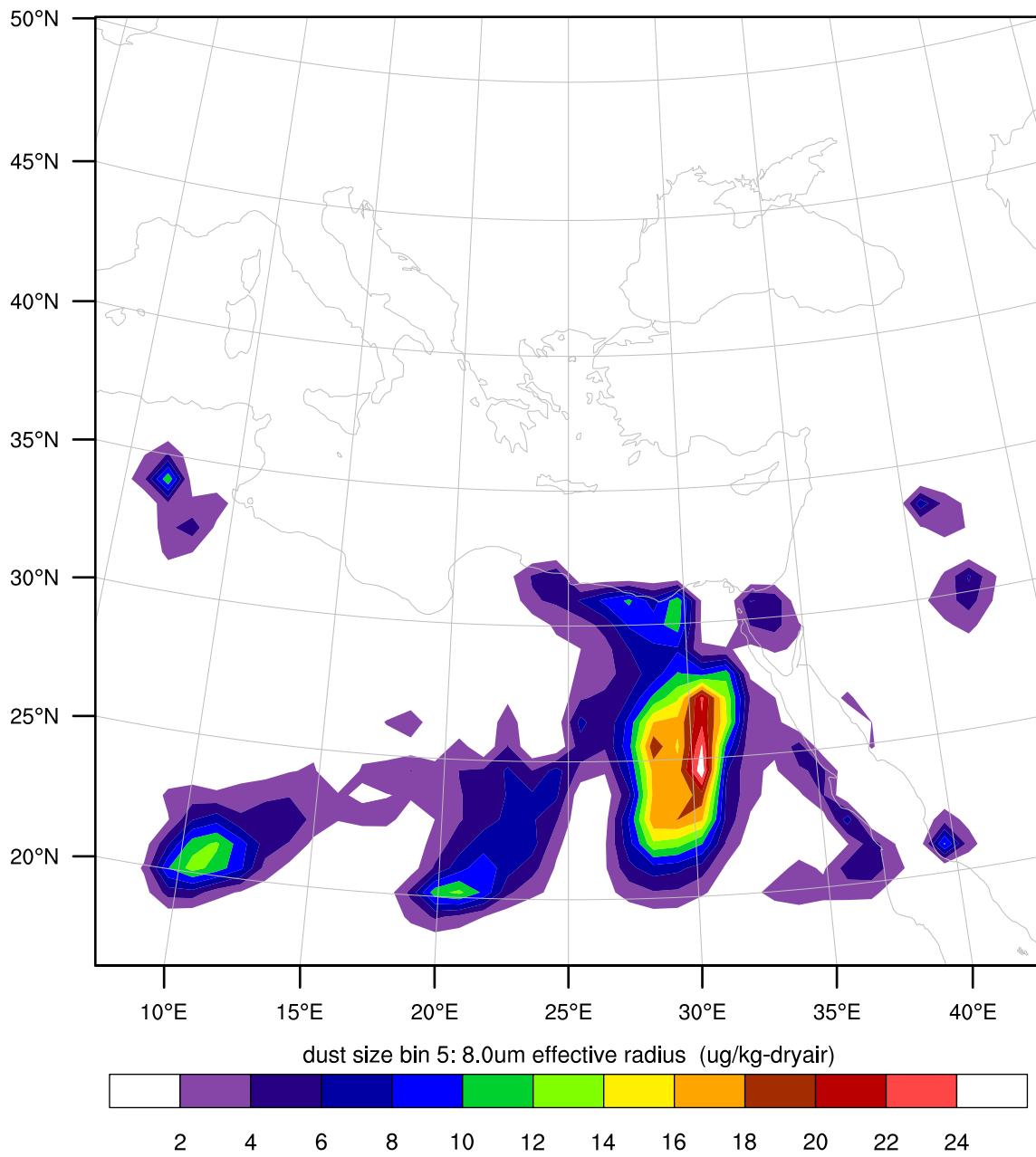


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_11:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)



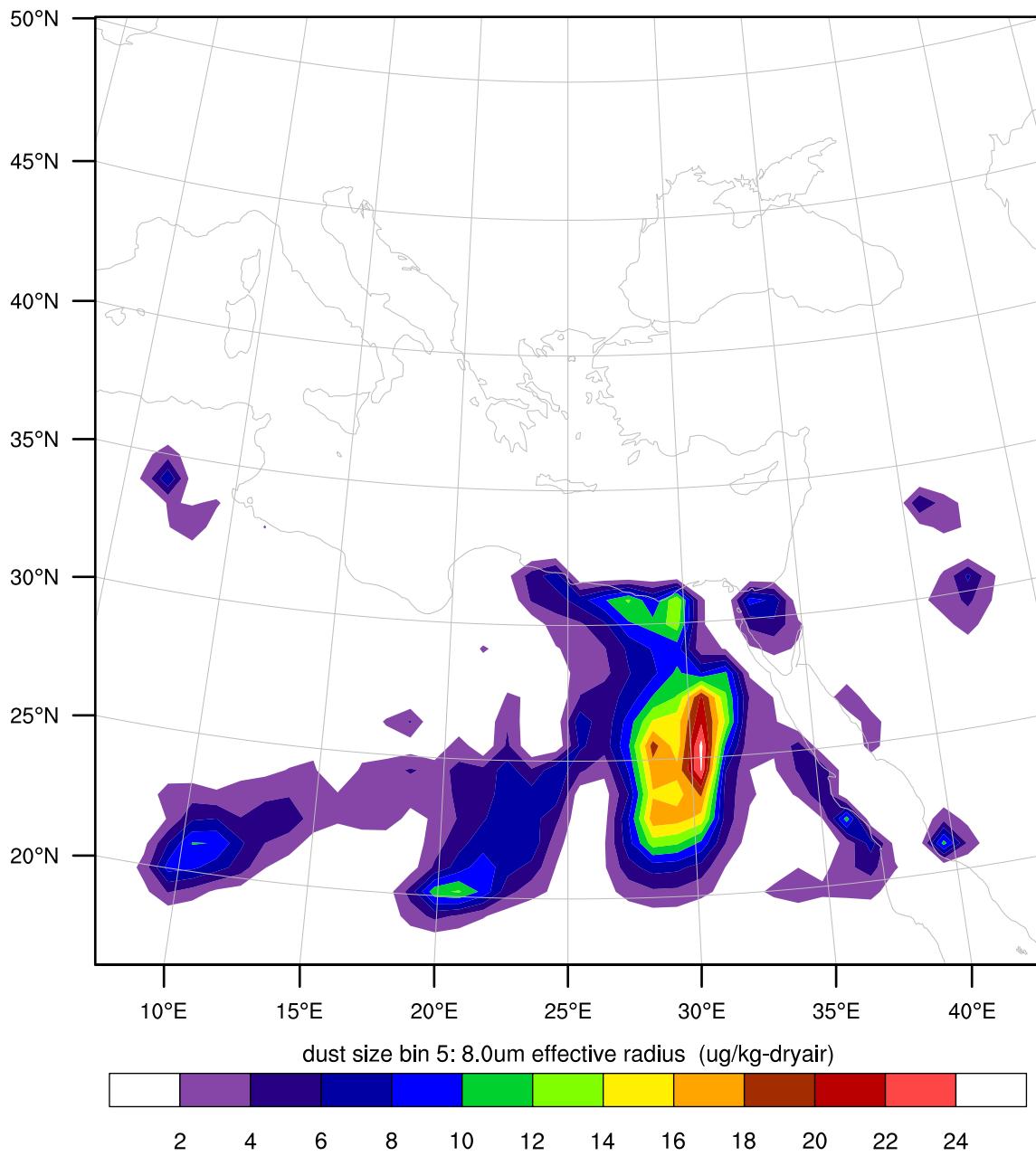
OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00

Valid: 2010-07-14_12:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

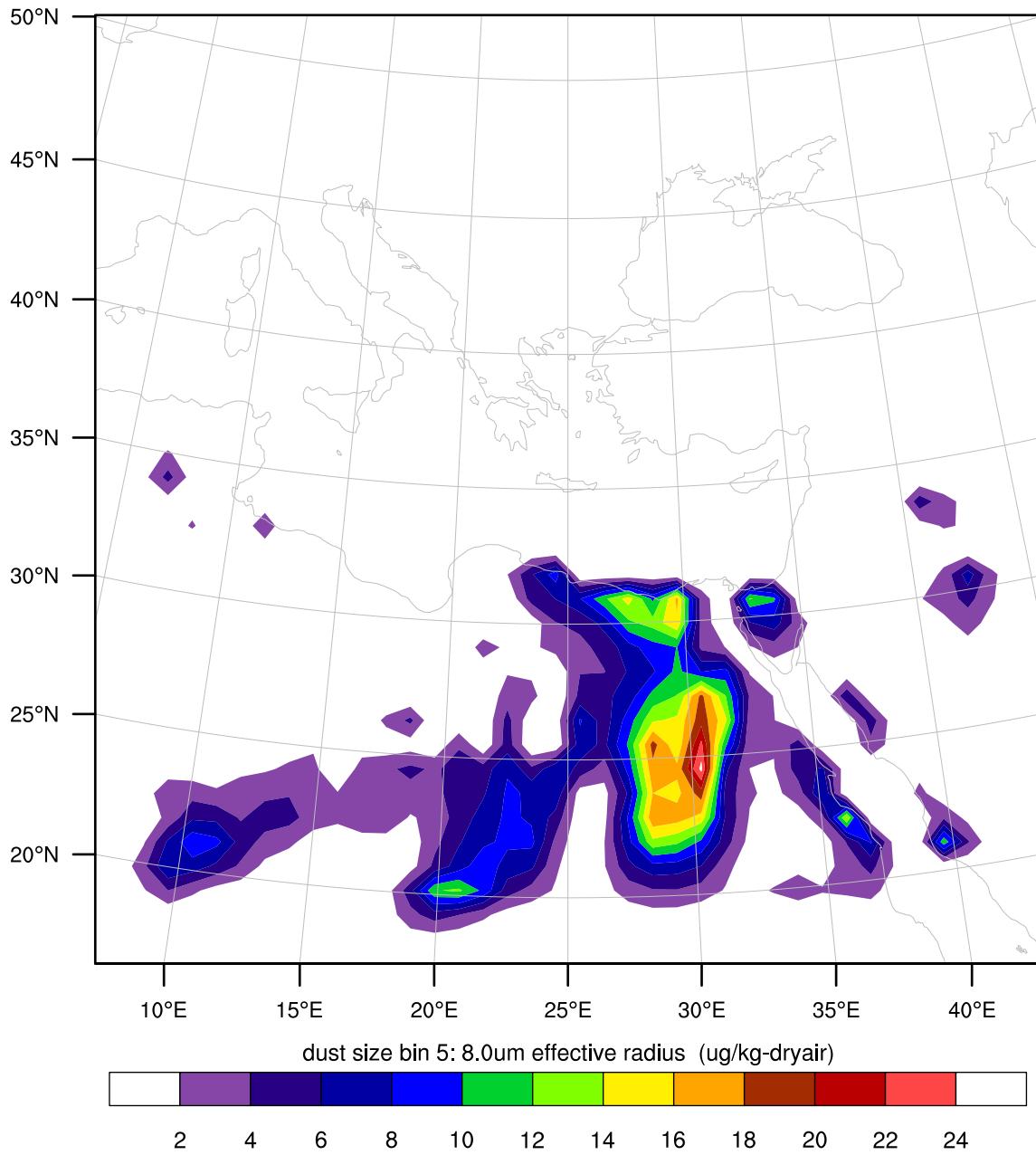


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_13:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

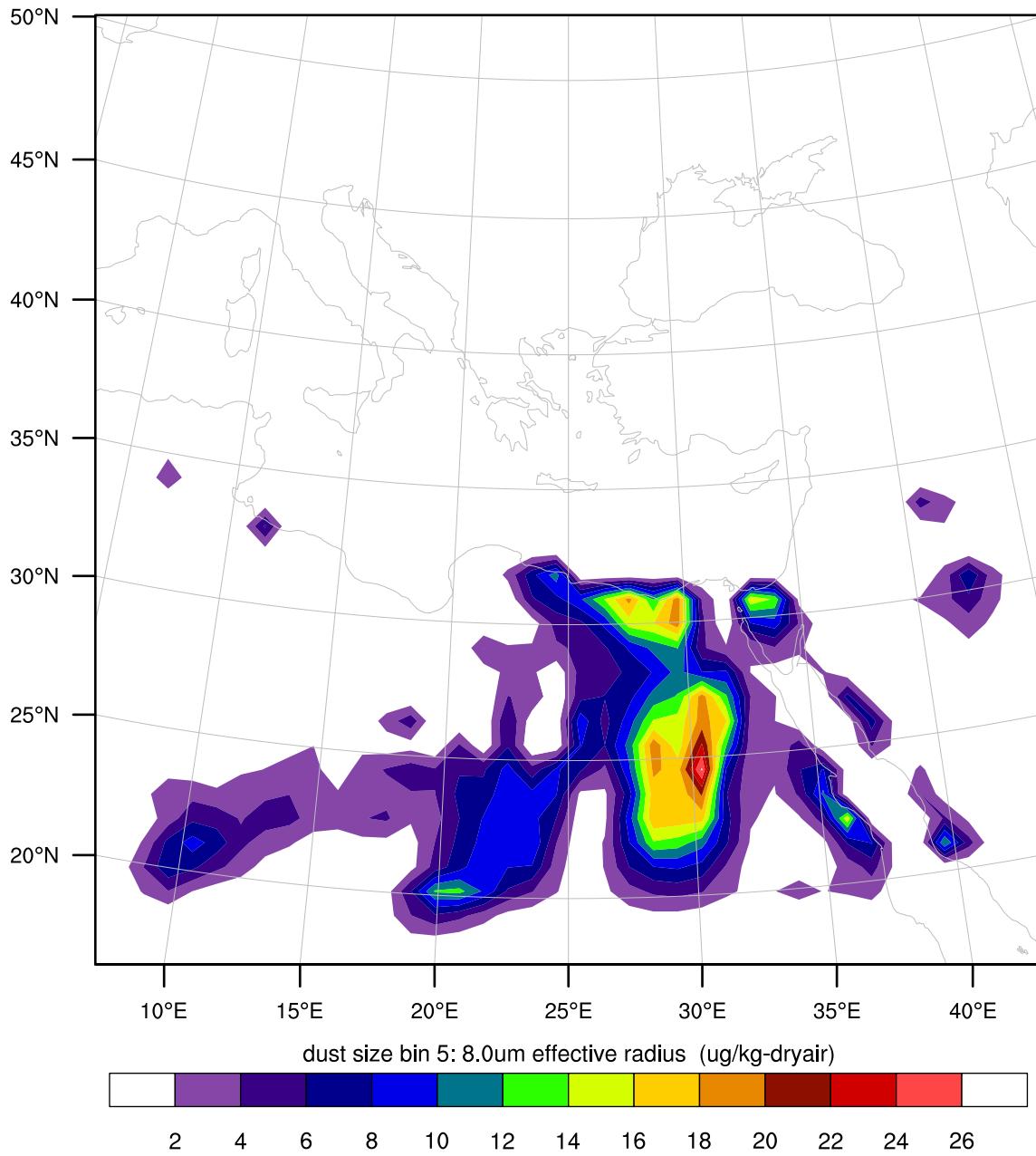


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_14:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

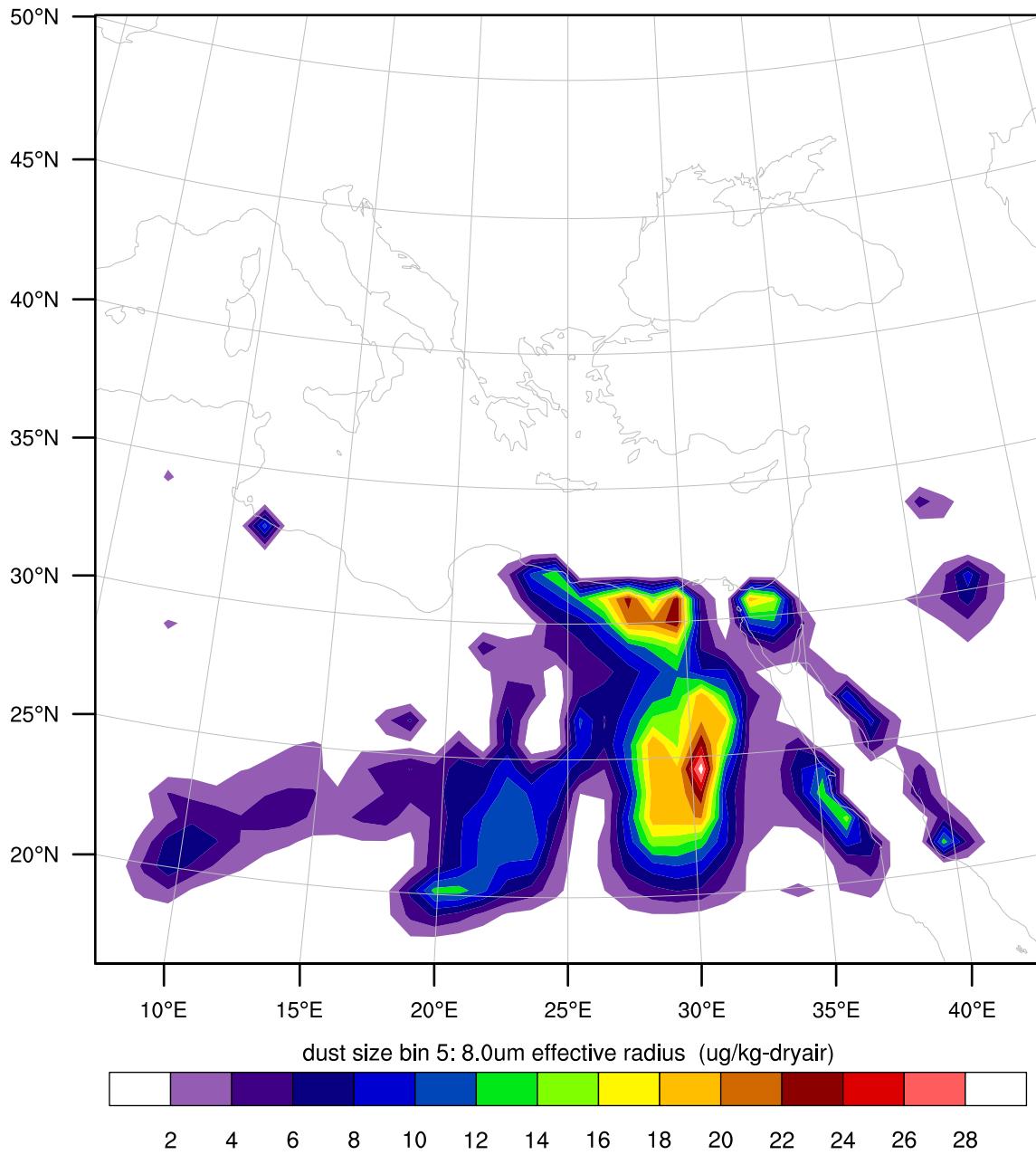


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_15:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

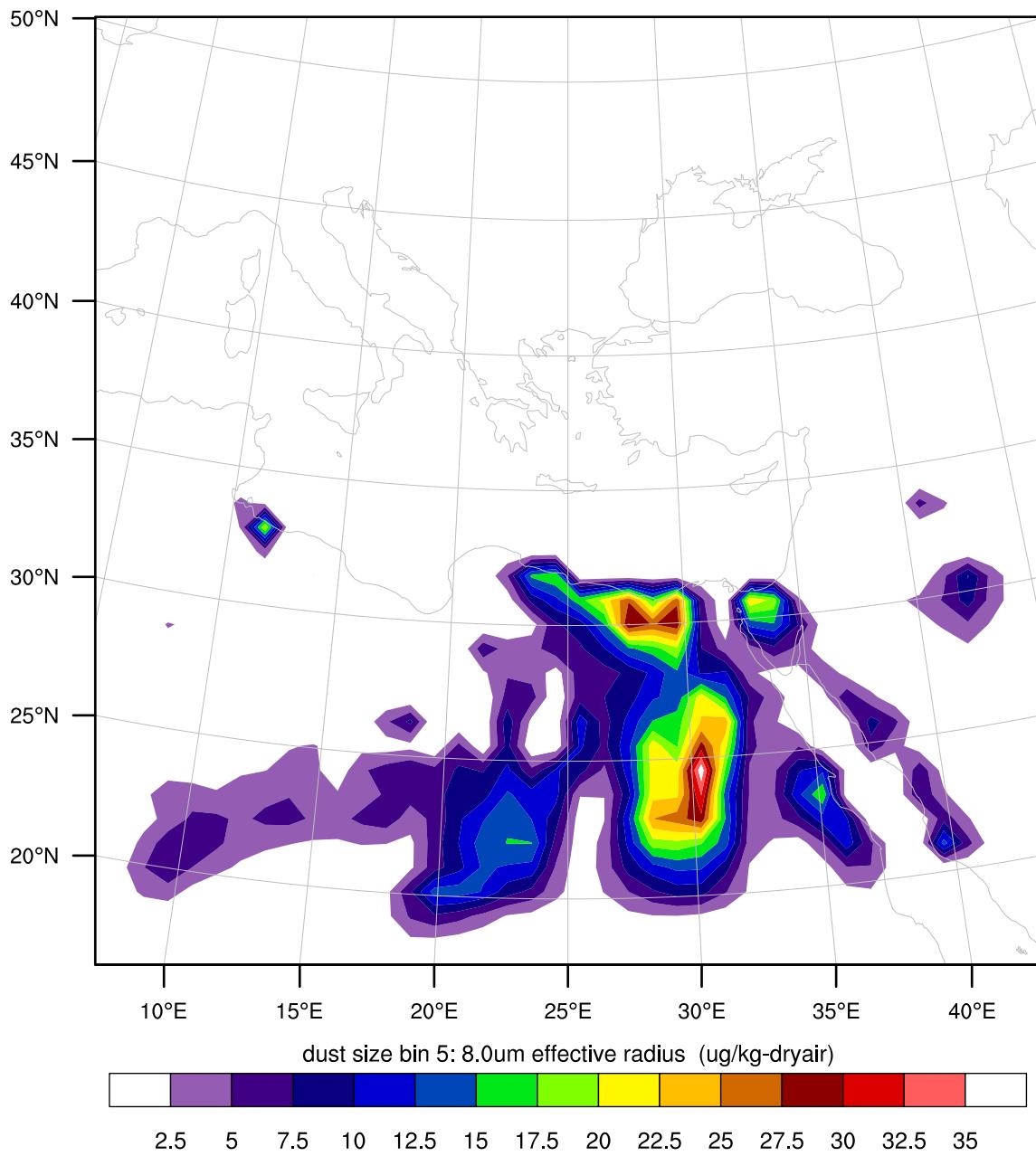


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_16:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

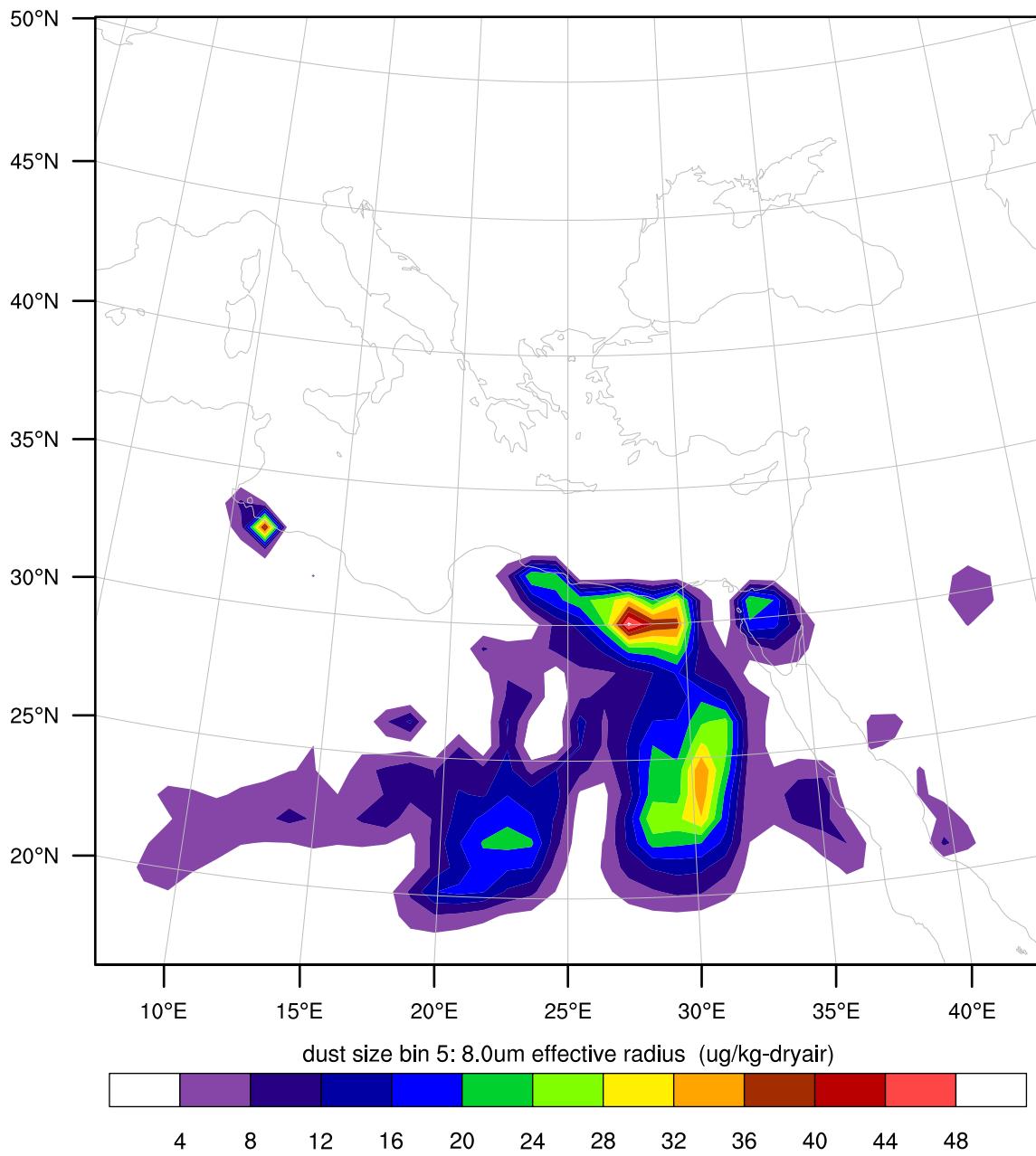


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_17:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

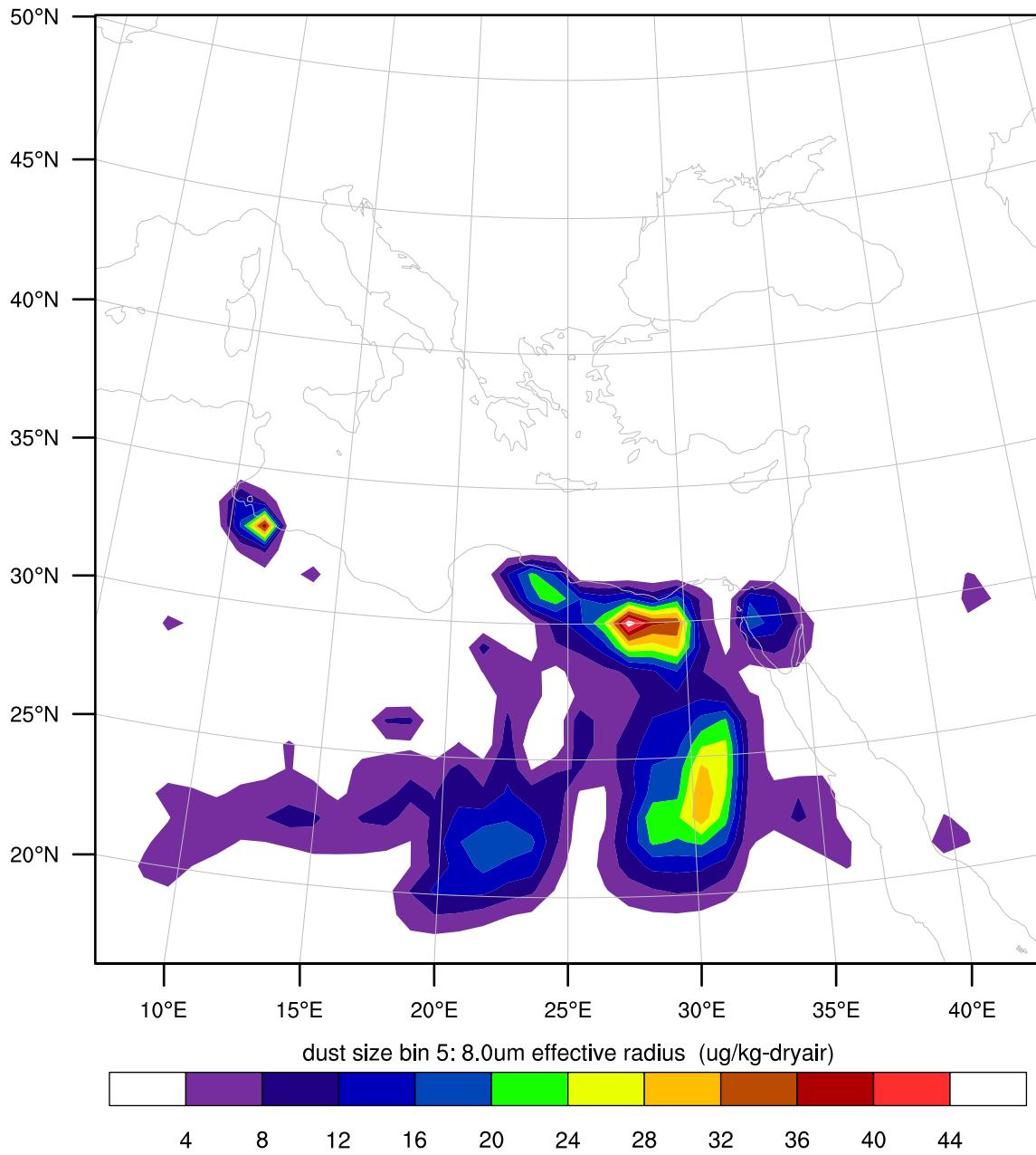


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_18:00:00

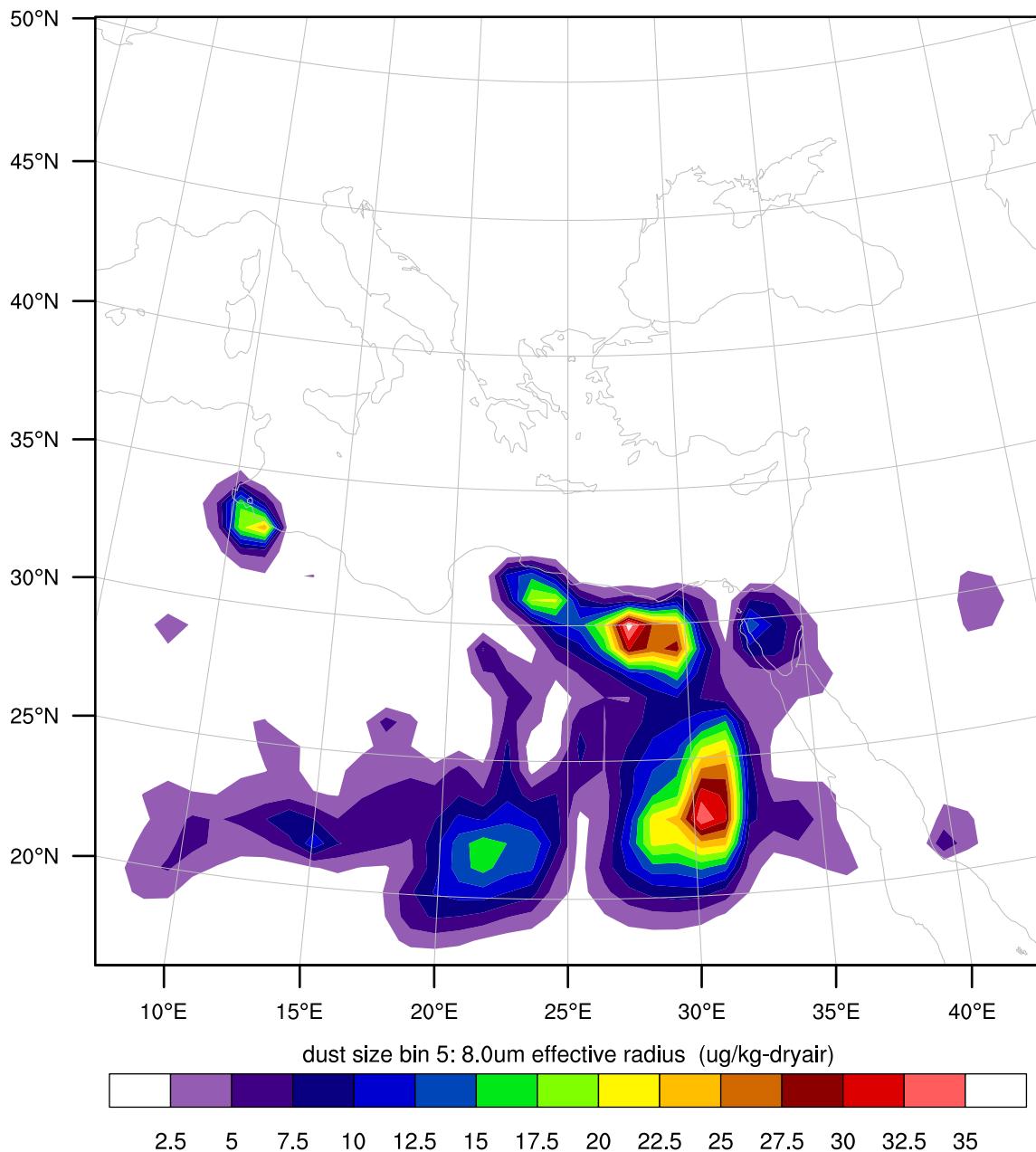
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_19:00:00

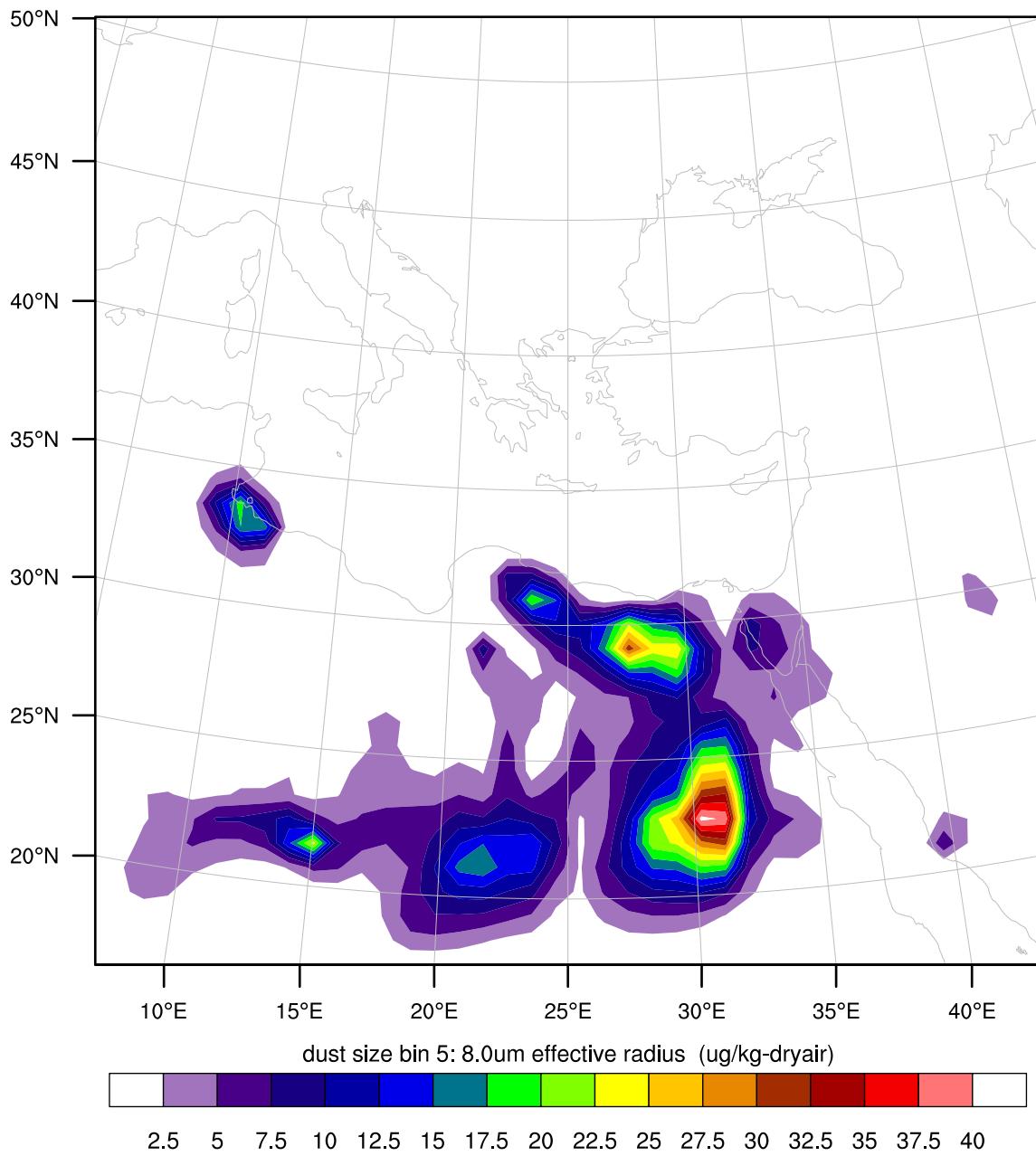
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_20:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

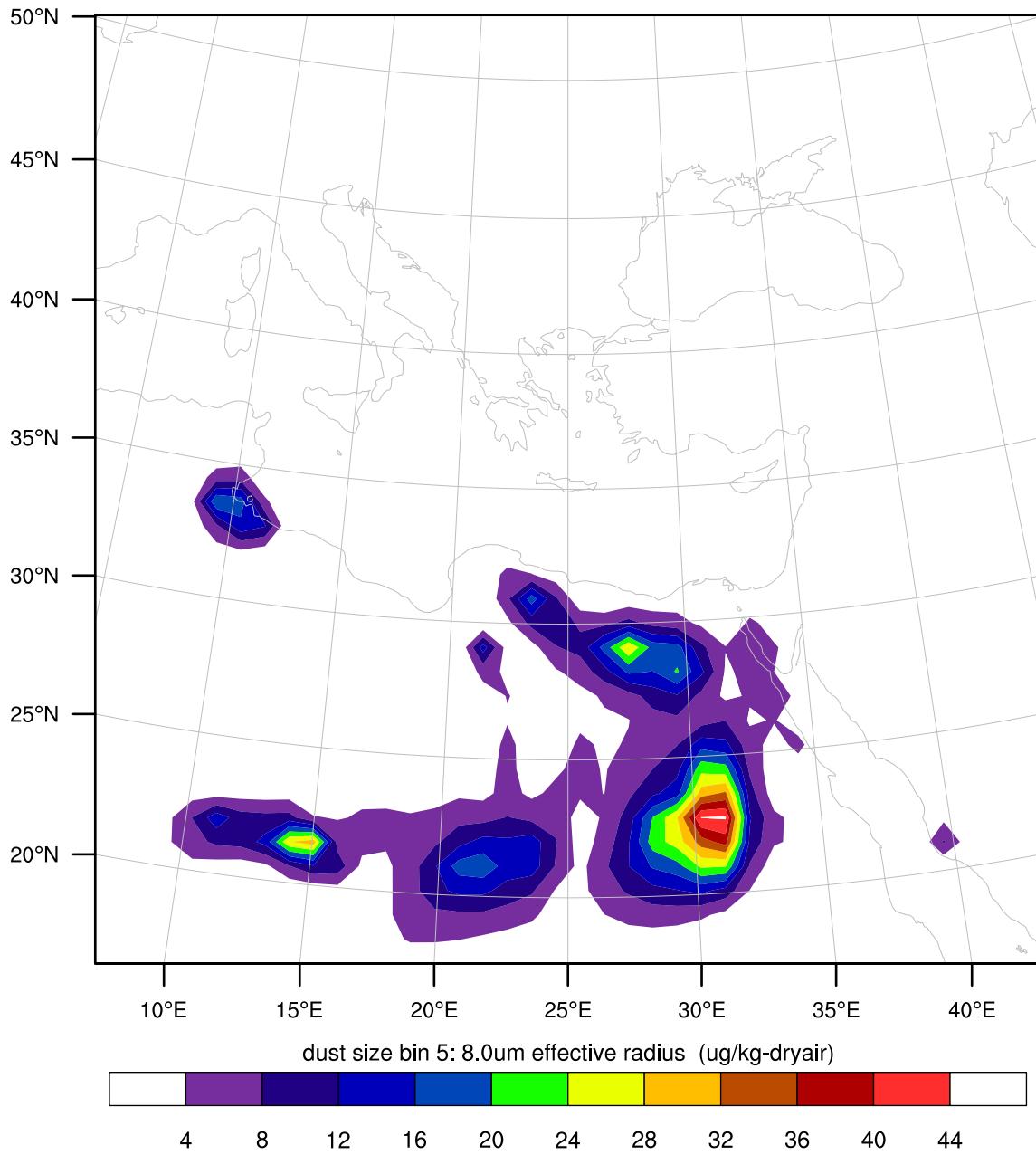


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_21:00:00

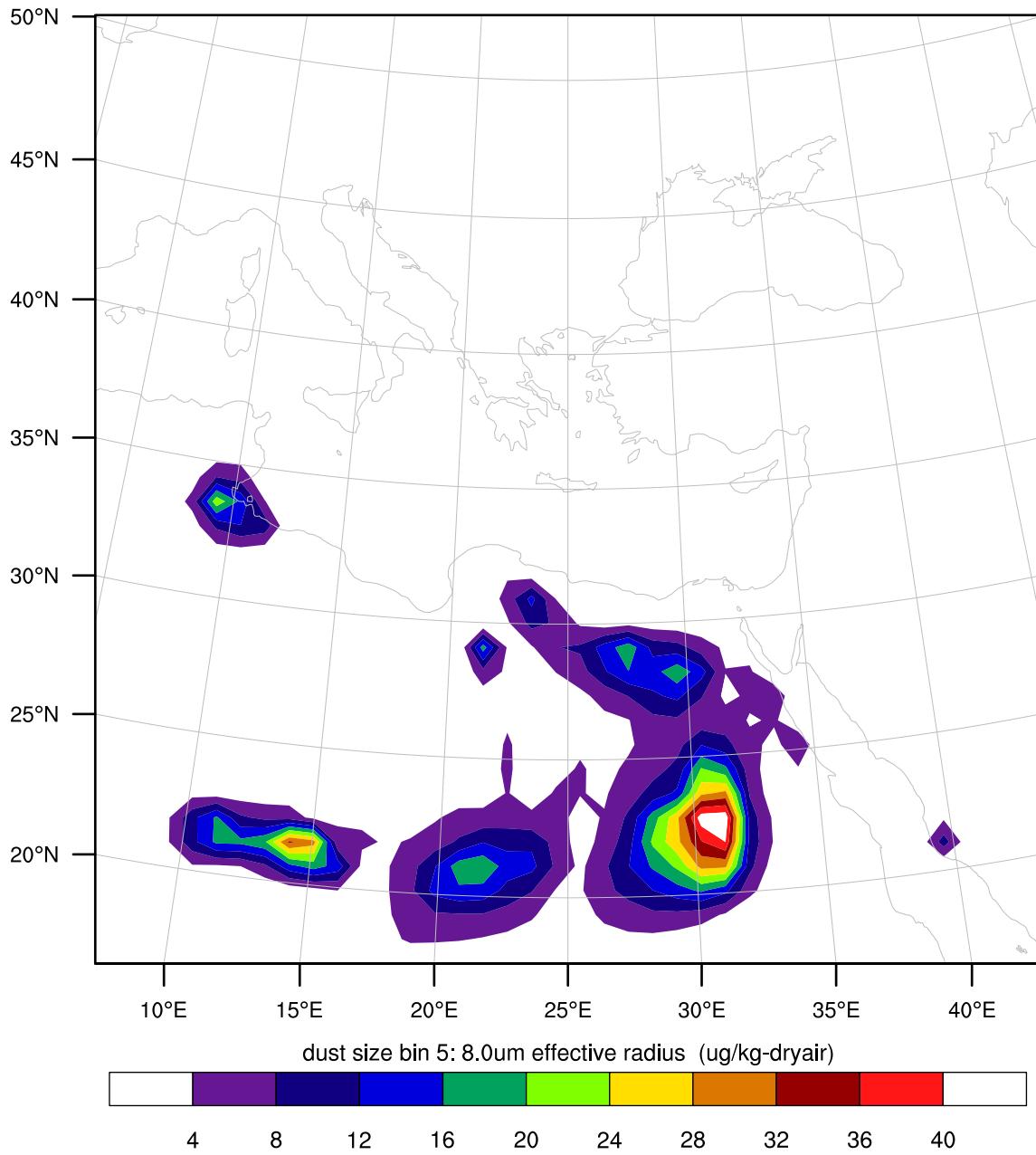
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_22:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

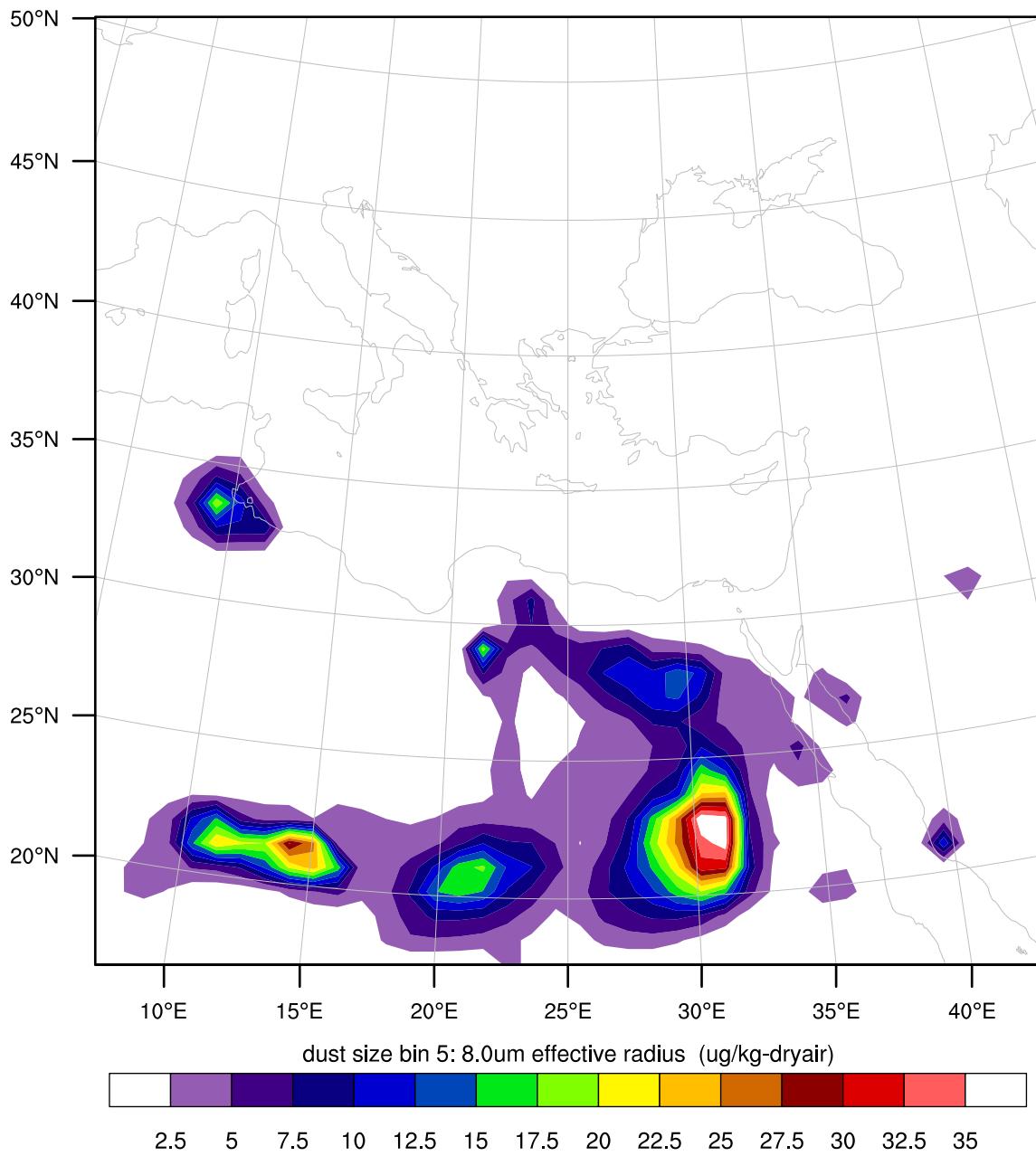


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-14_23:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

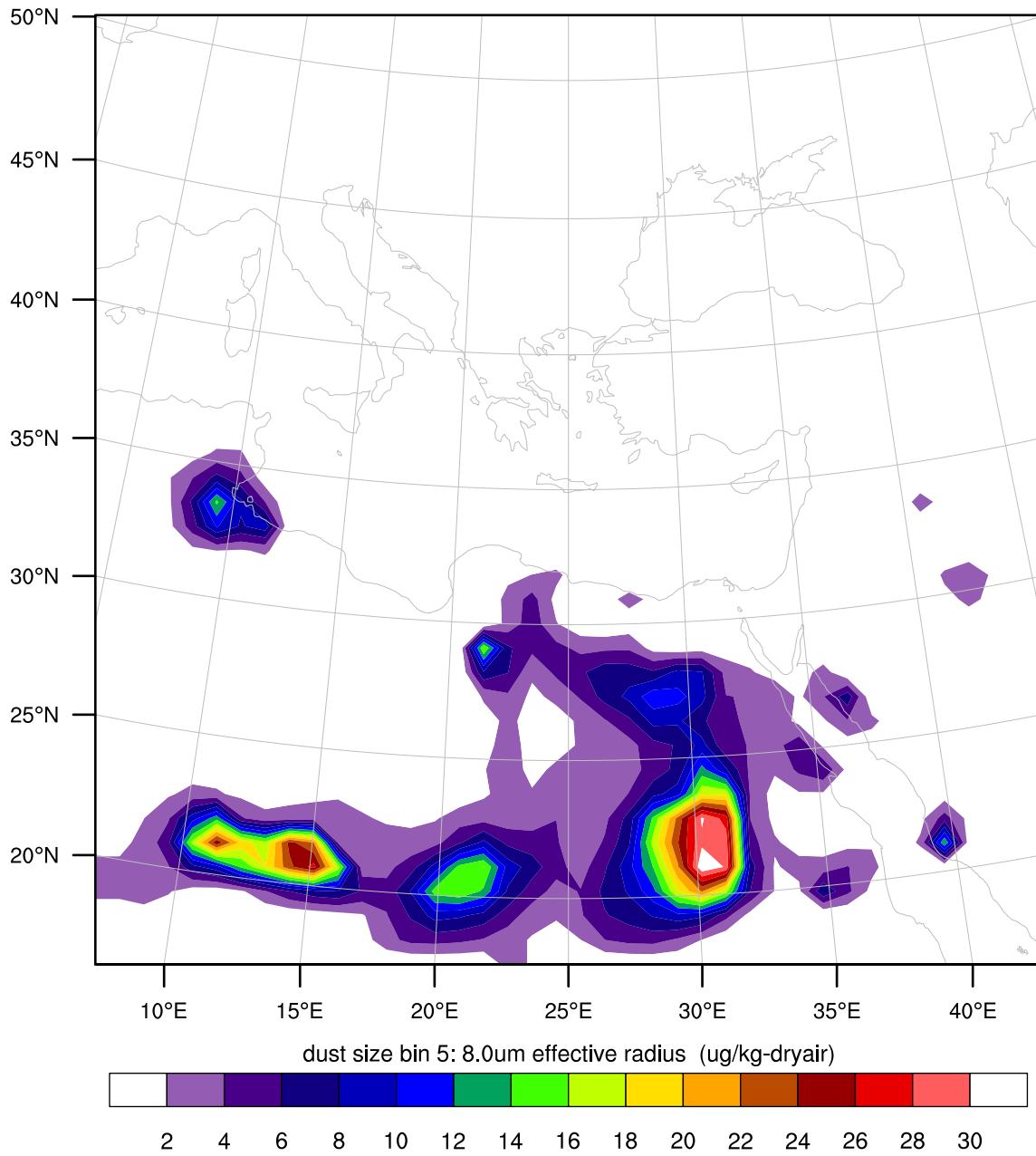


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_00:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

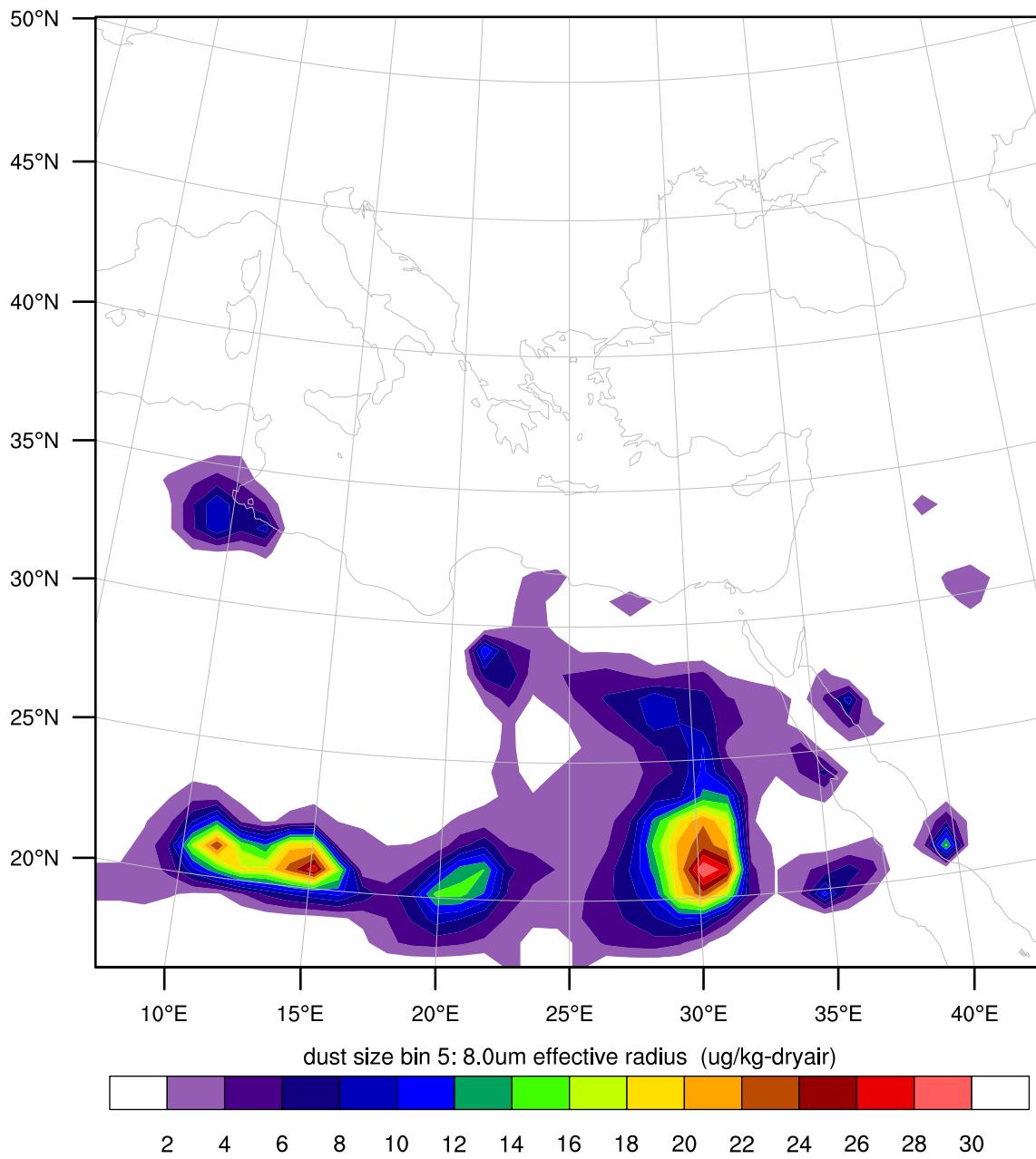


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_01:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

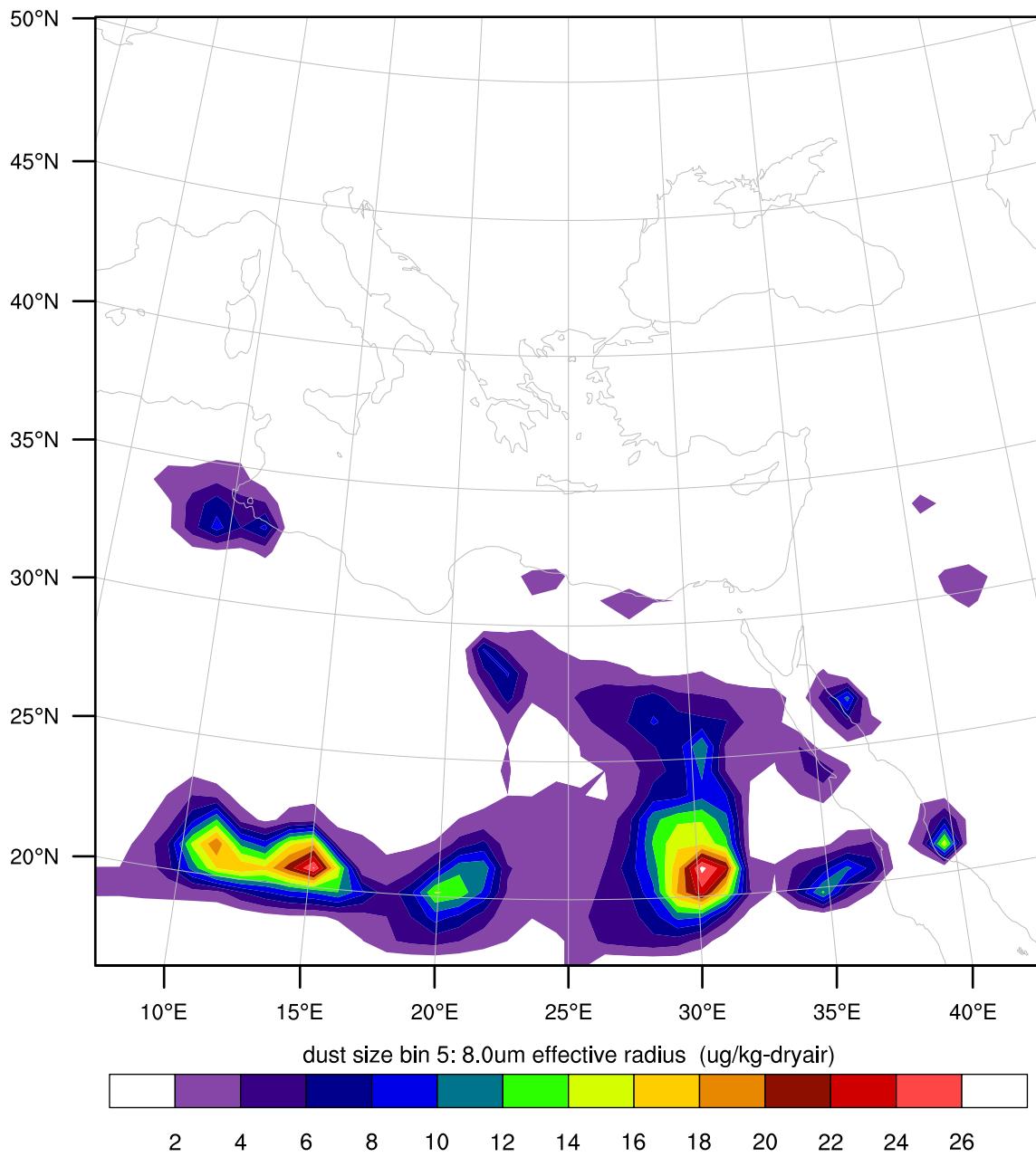


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_02:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

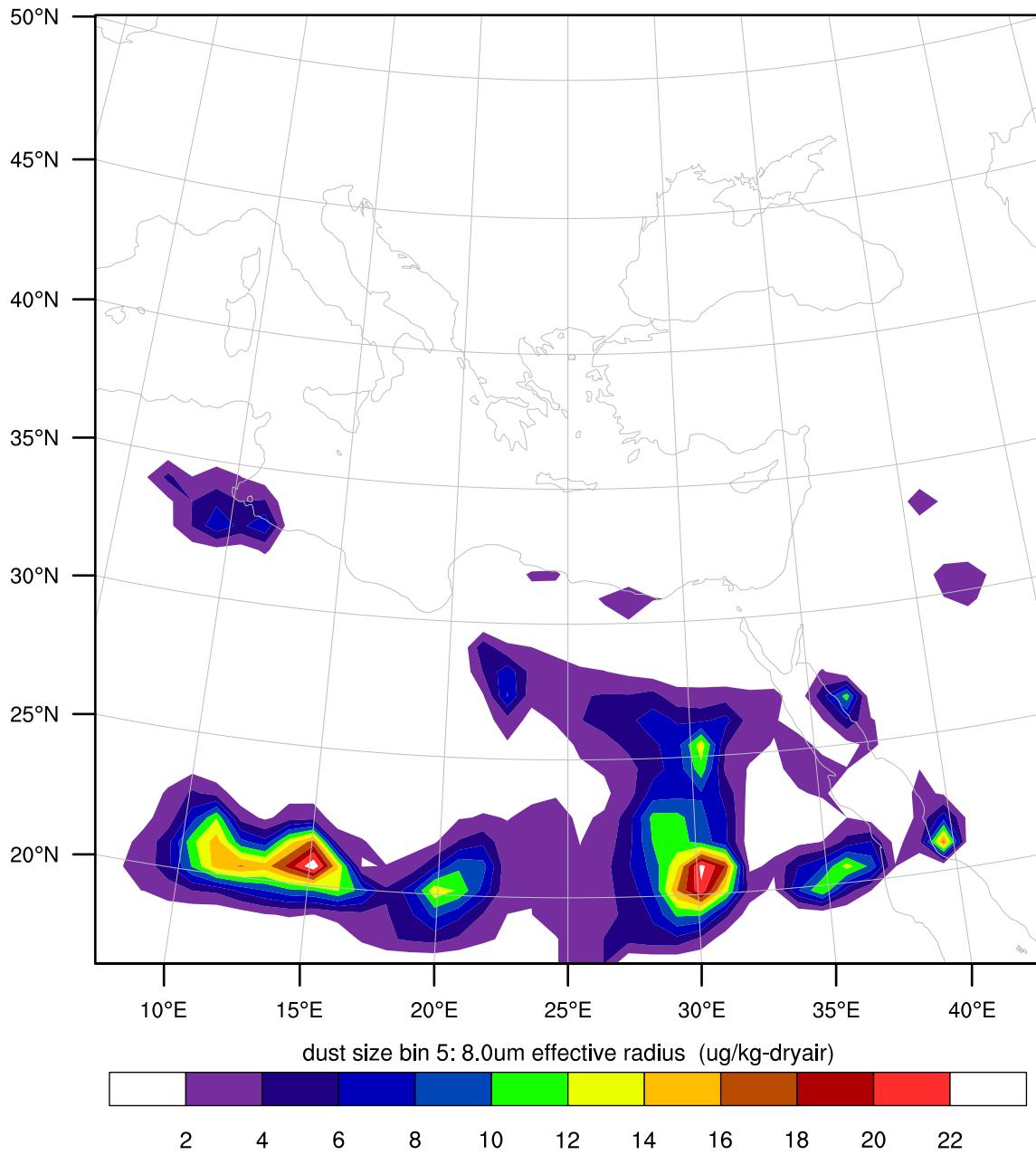


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_03:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

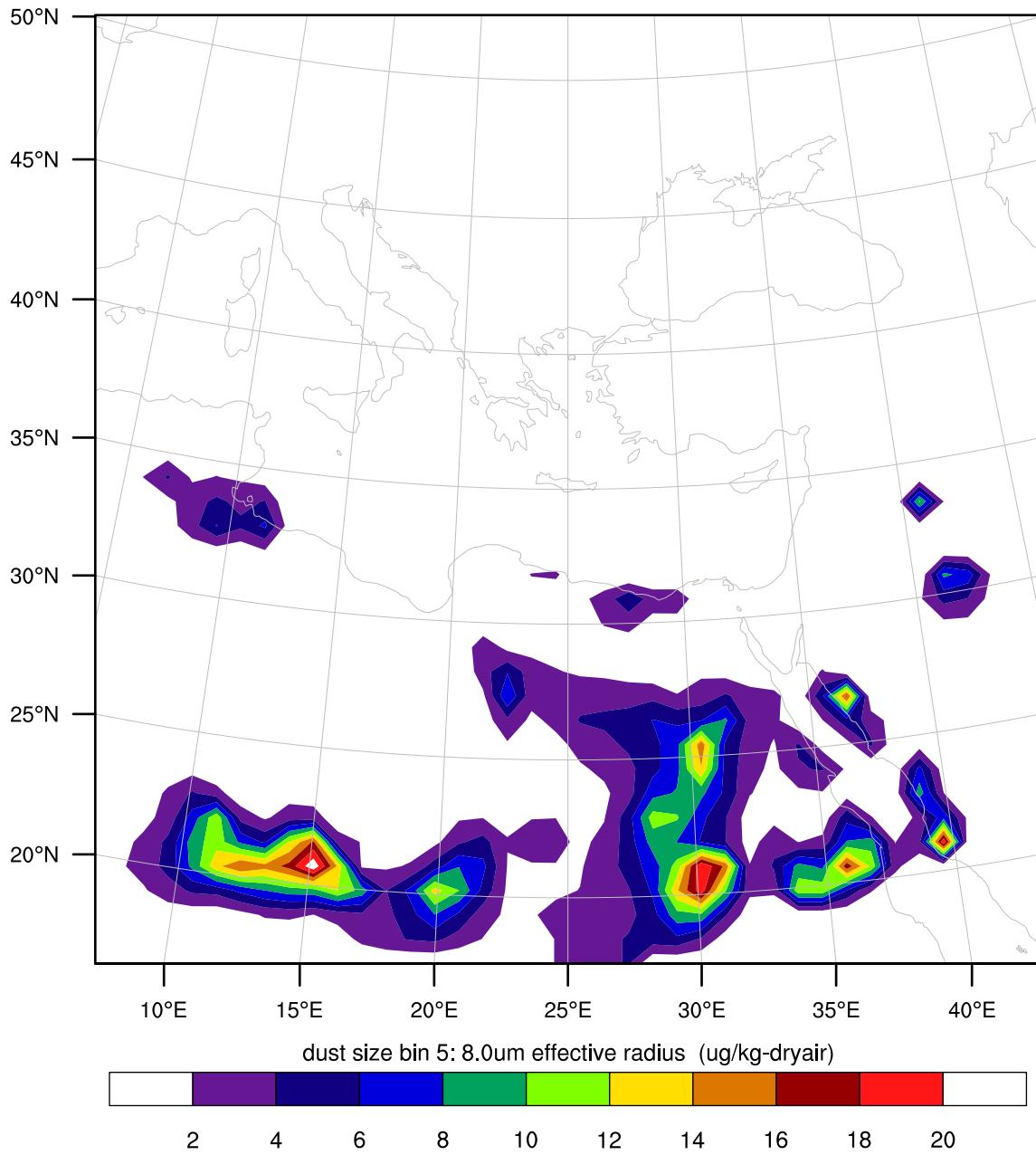


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_04:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

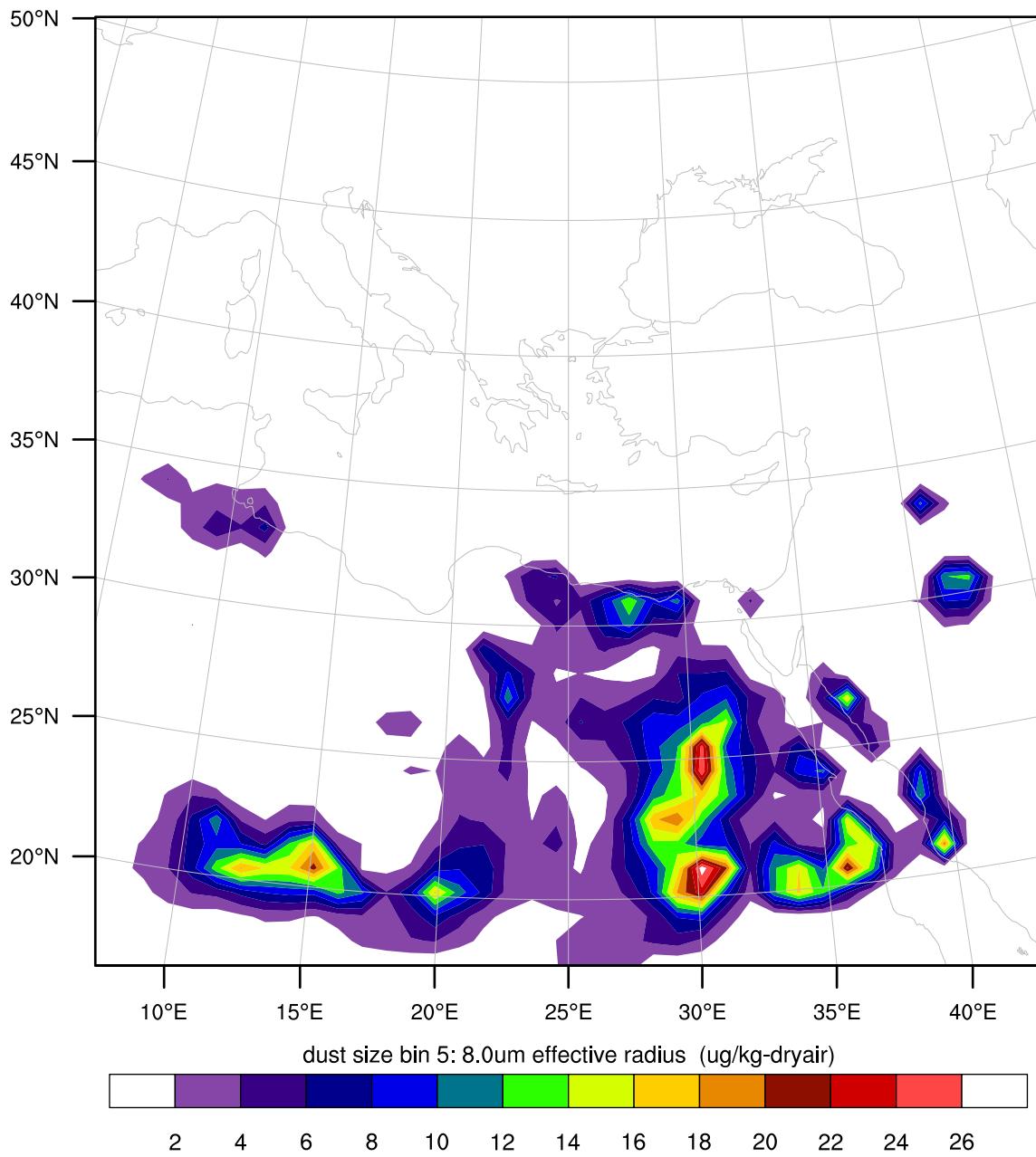


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_05:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

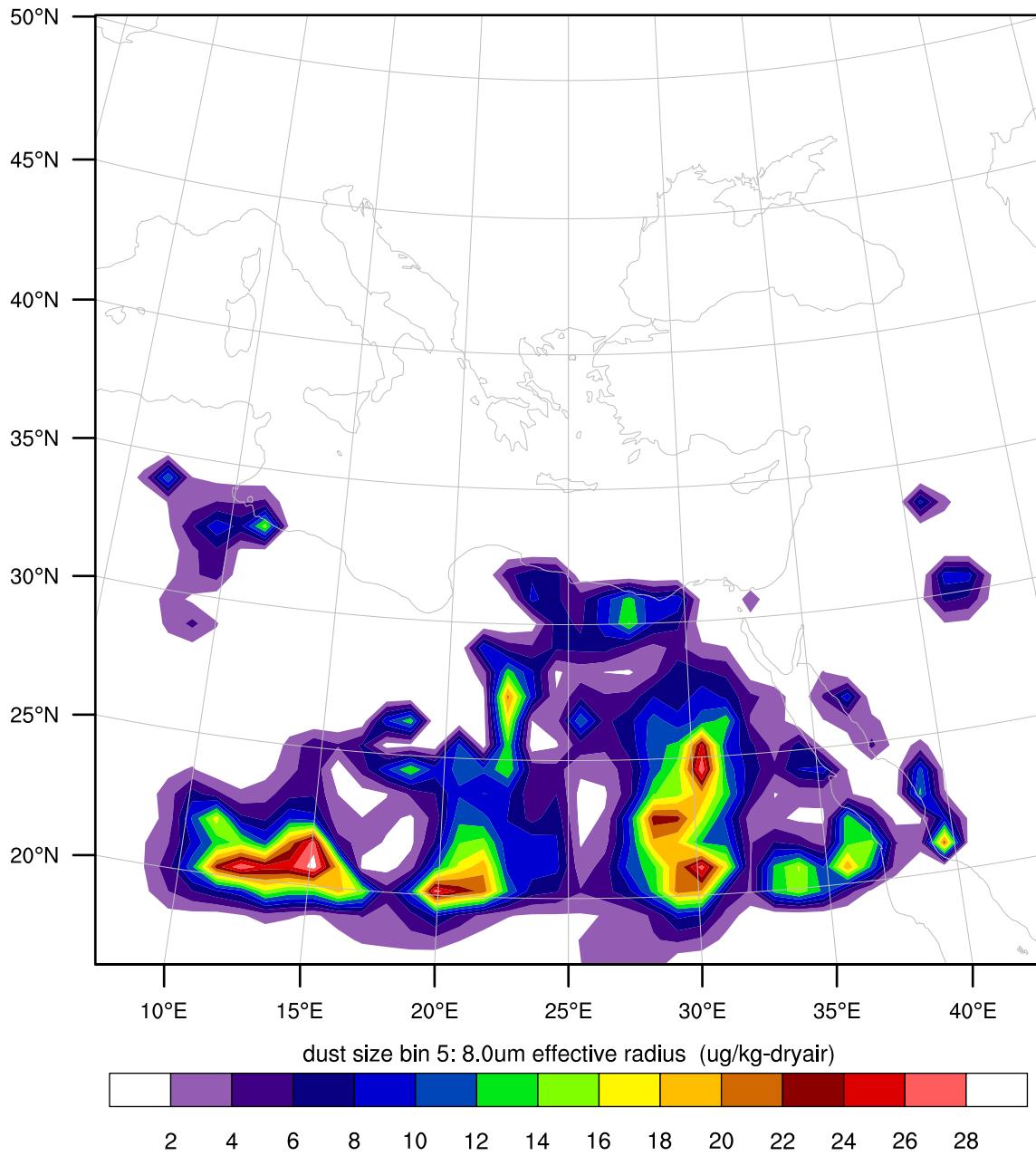


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_06:00:00

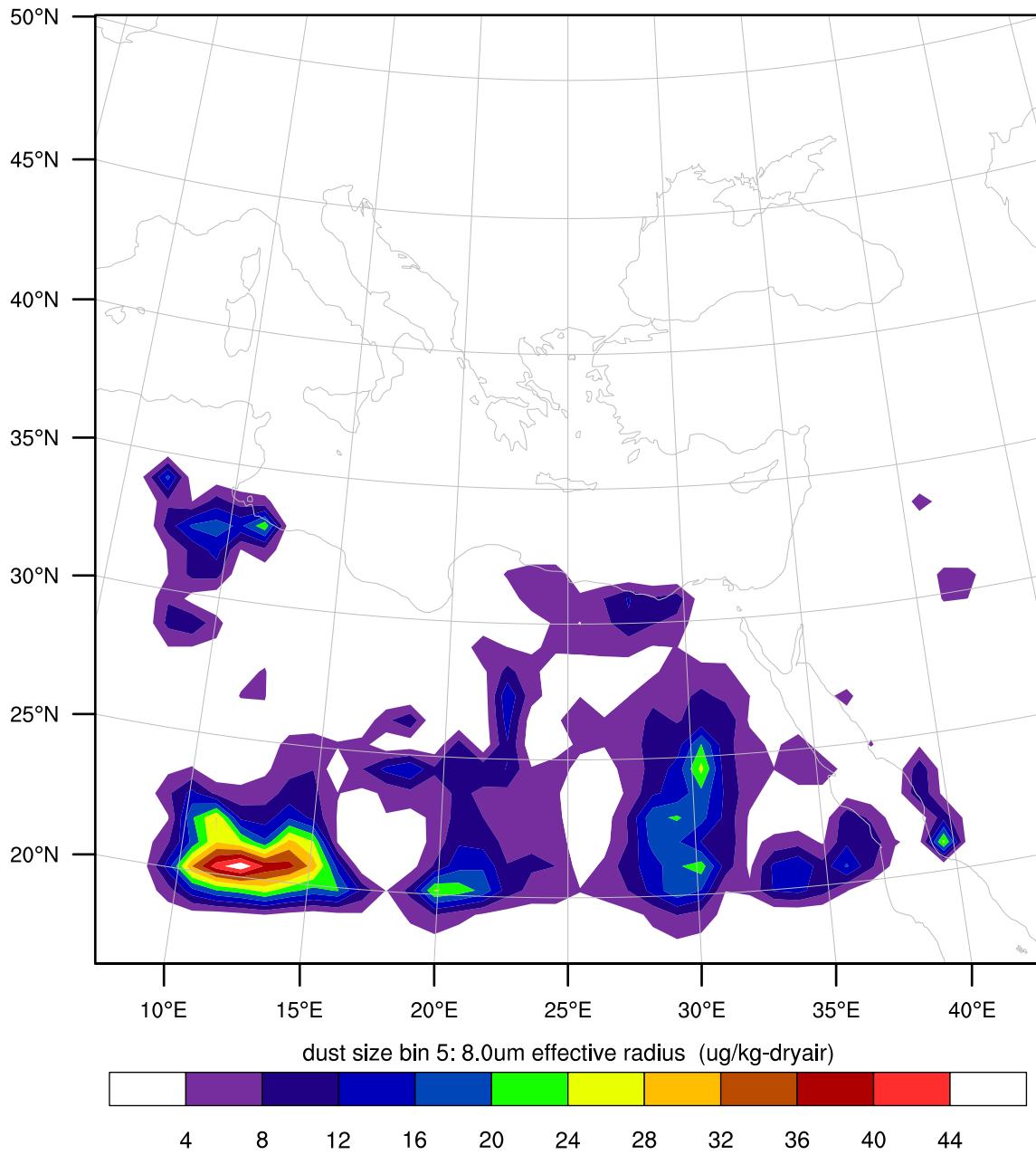
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_07:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

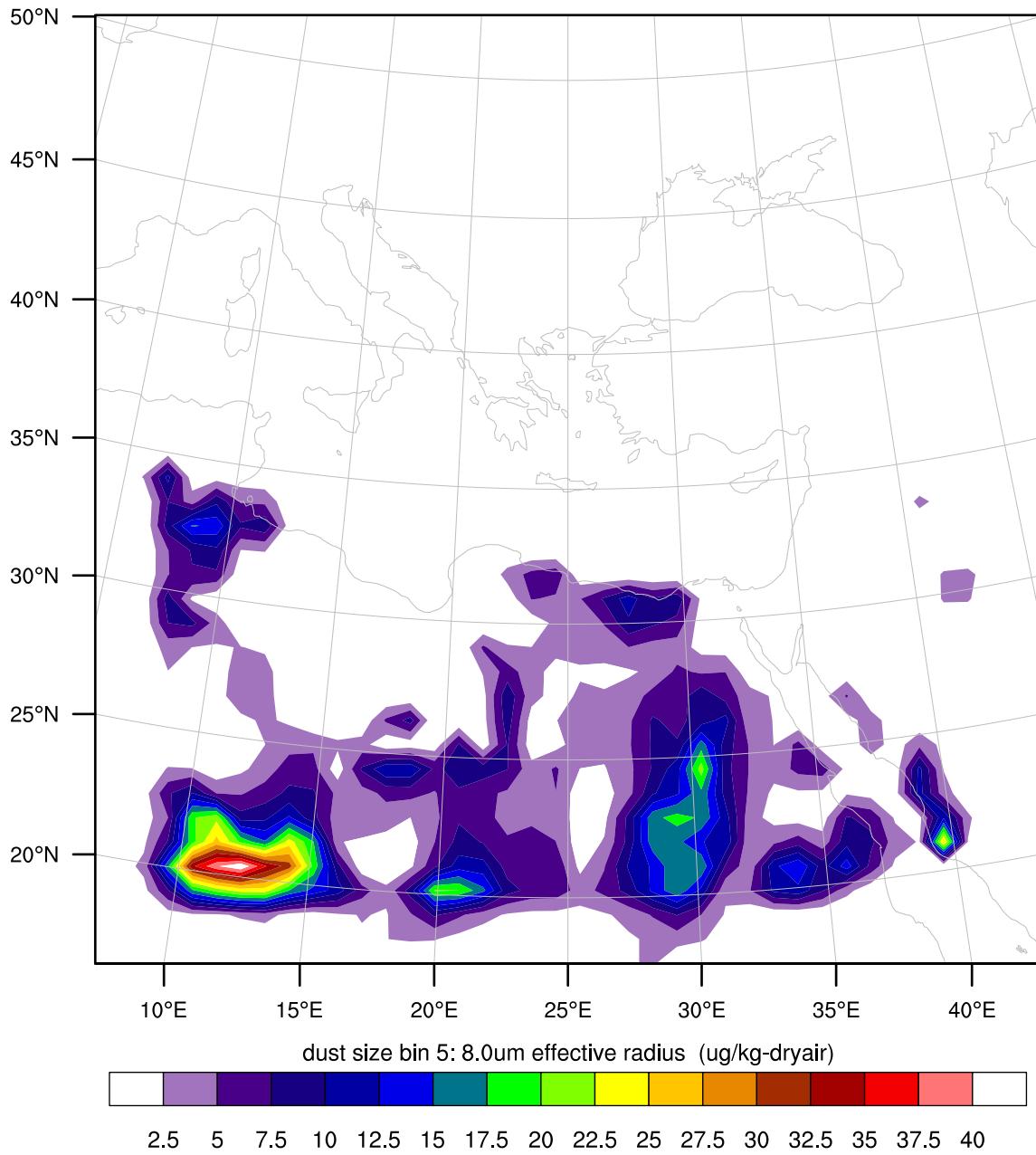


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_08:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

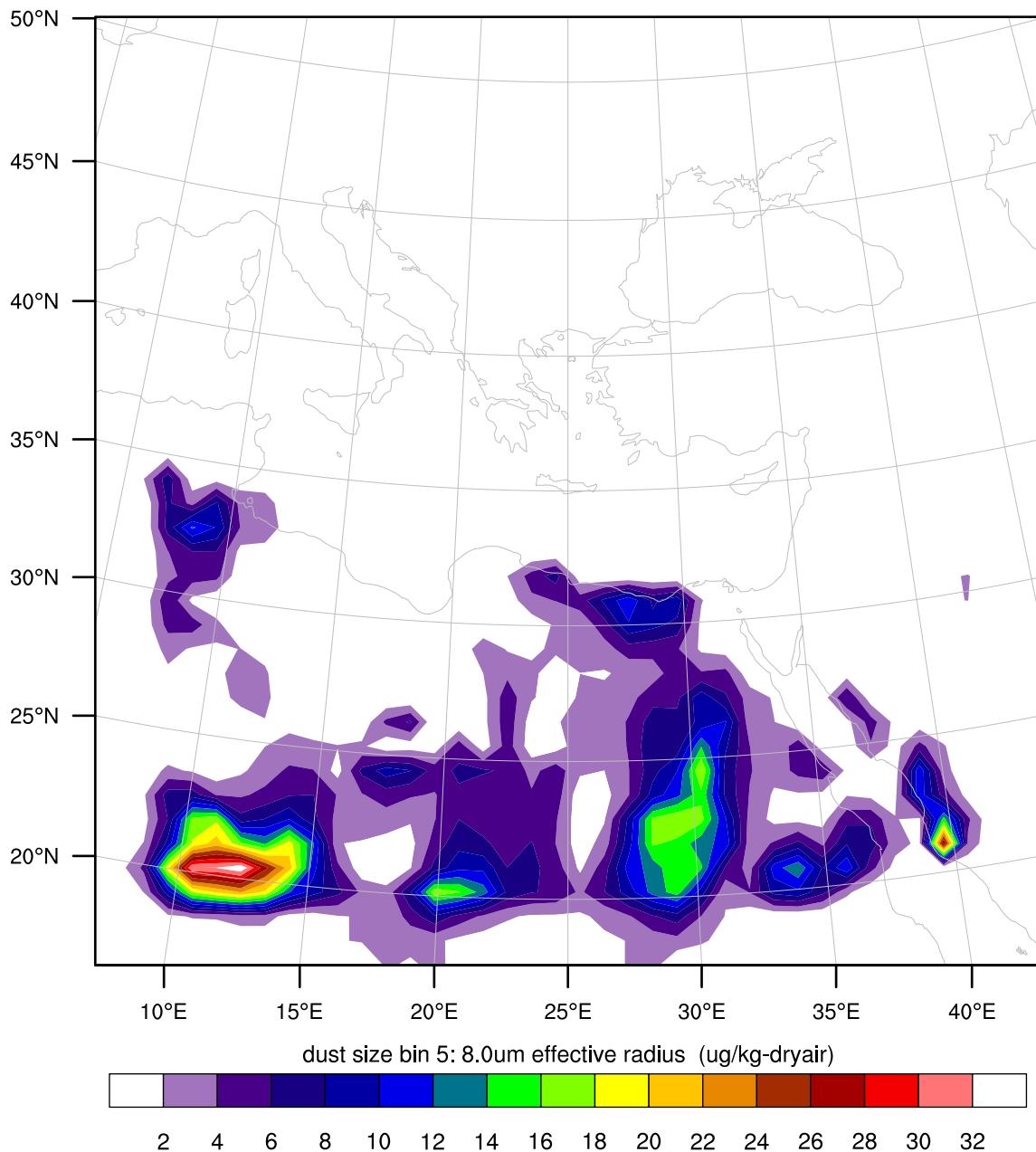


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_09:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

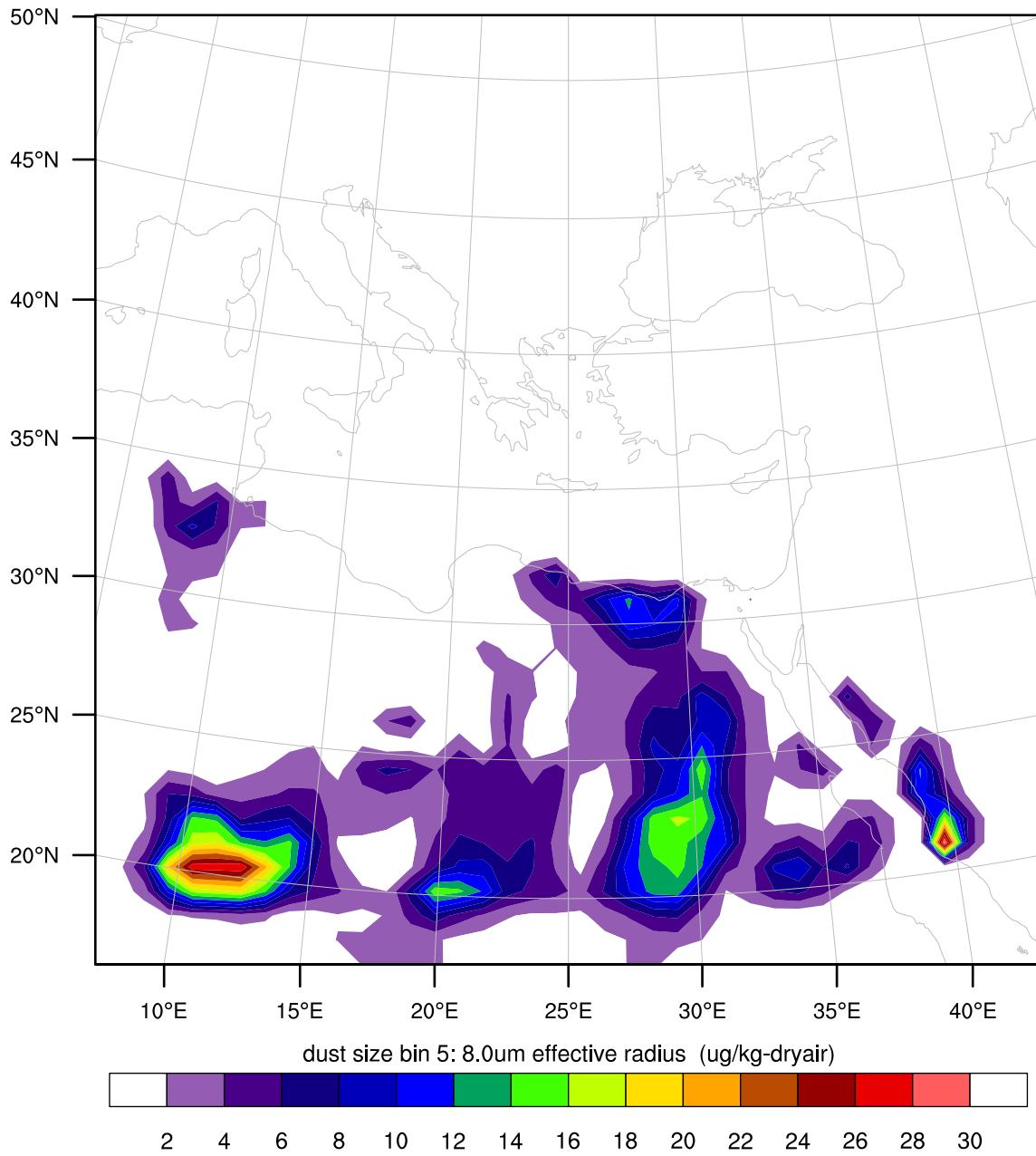


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_10:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

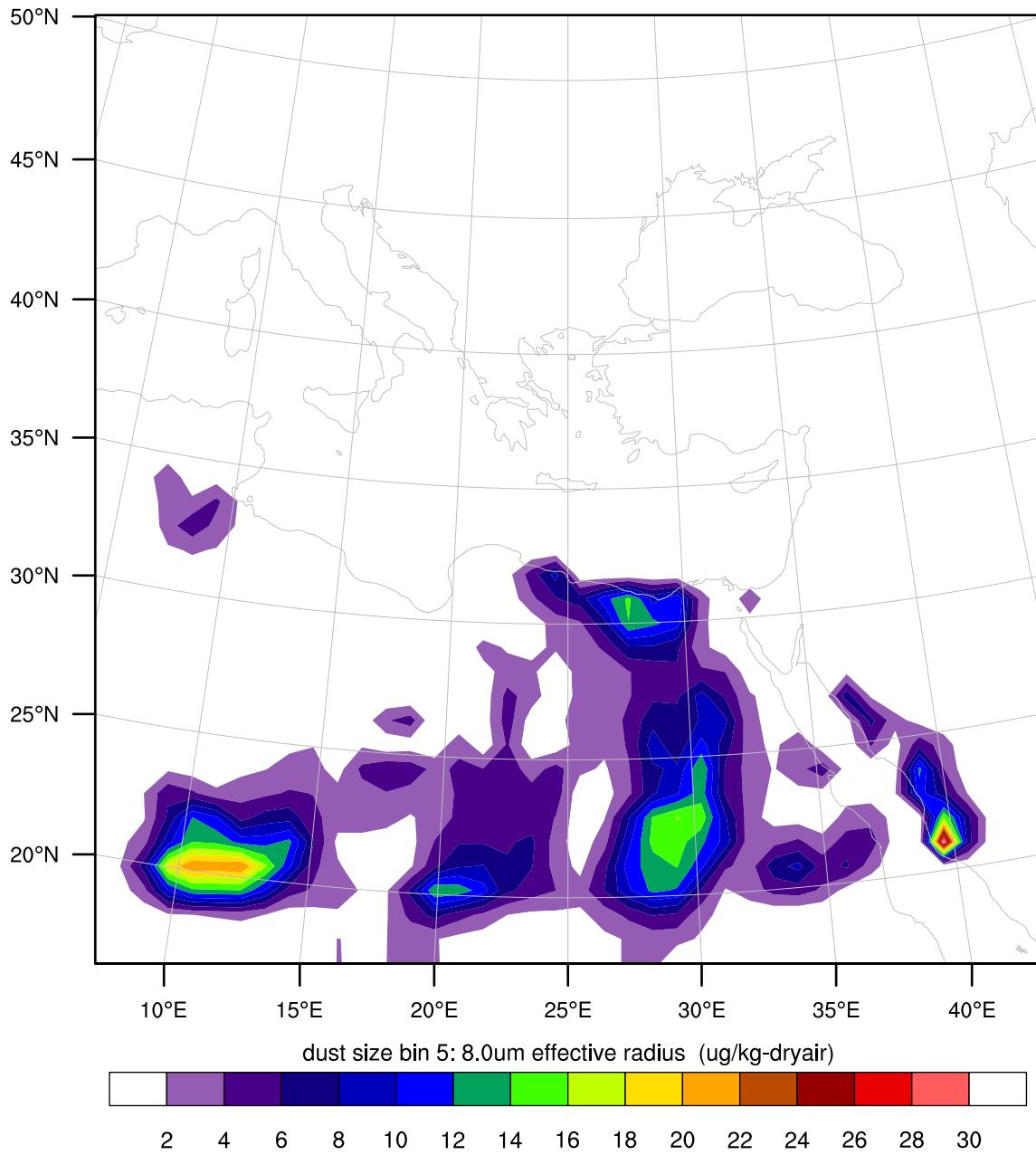


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_11:00:00

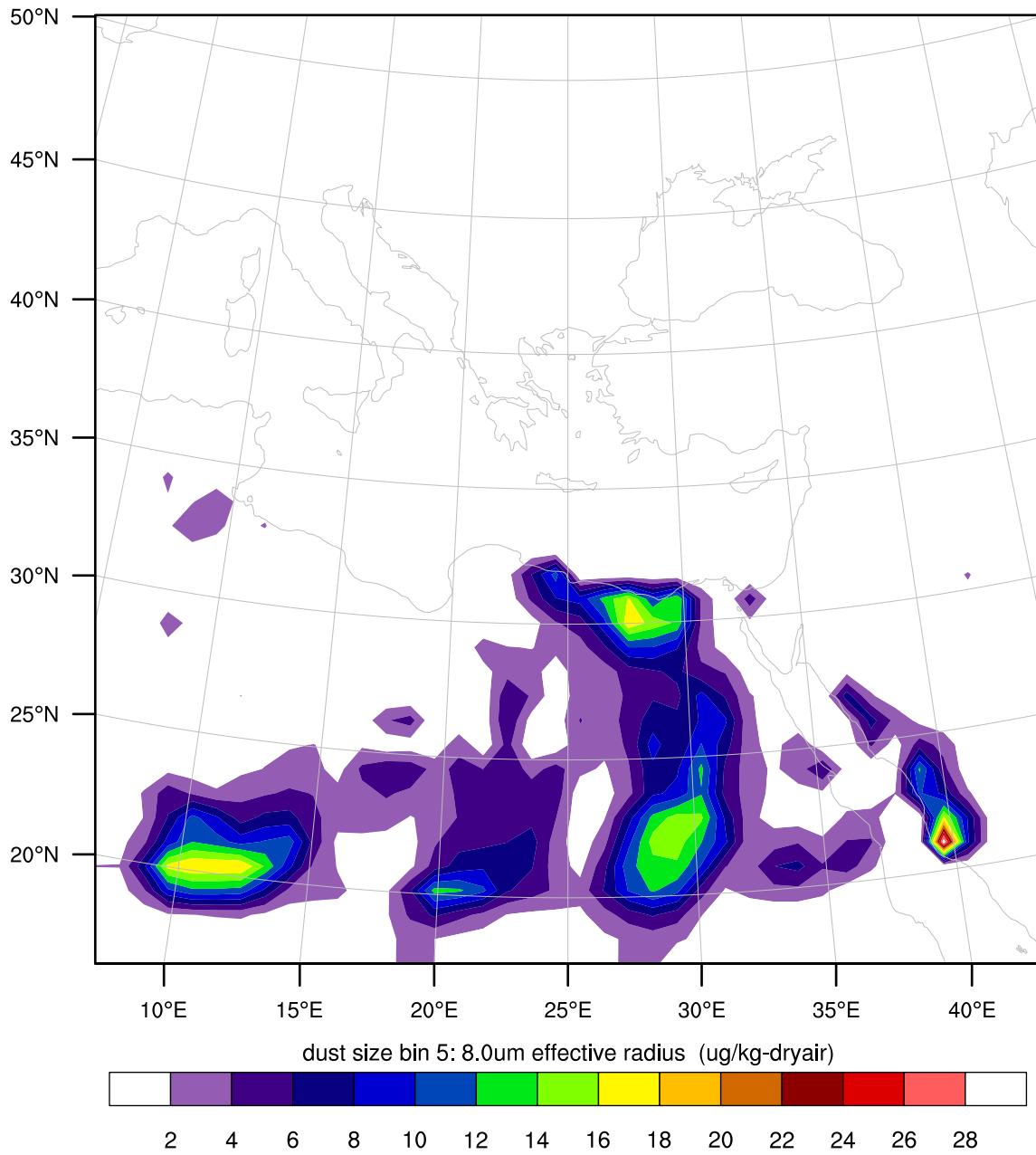
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_12:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

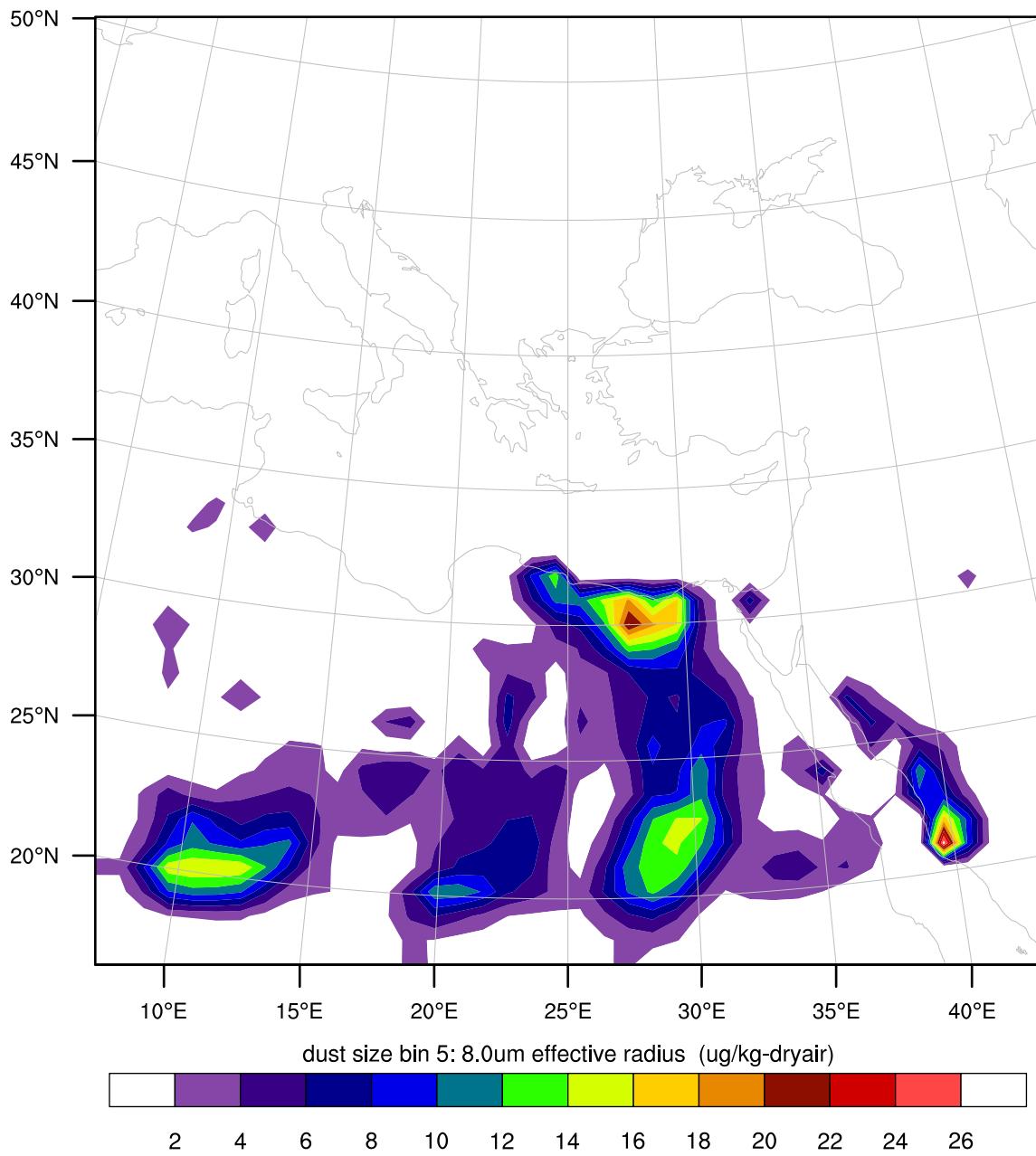


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_13:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

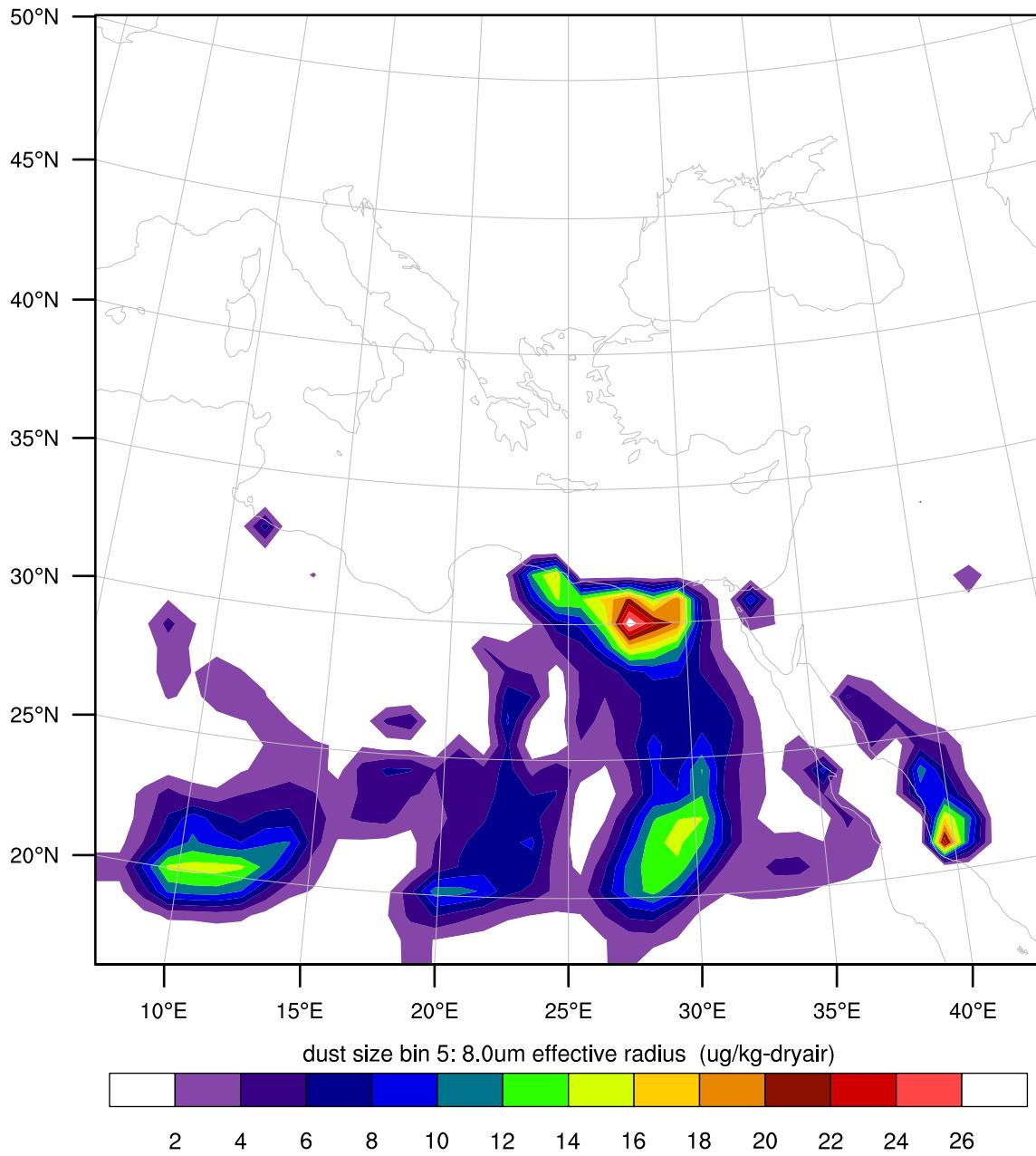


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_14:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

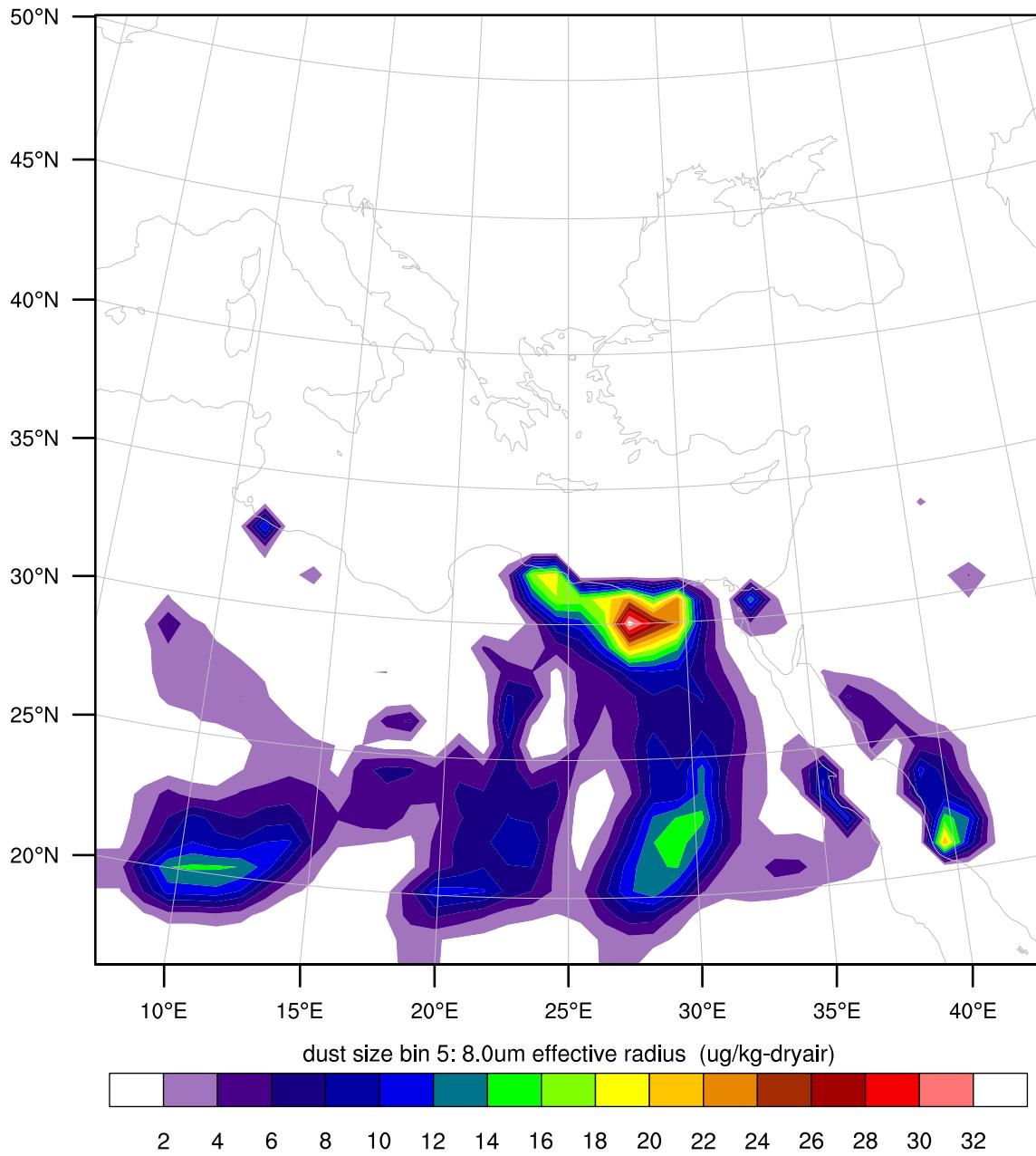


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_15:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)



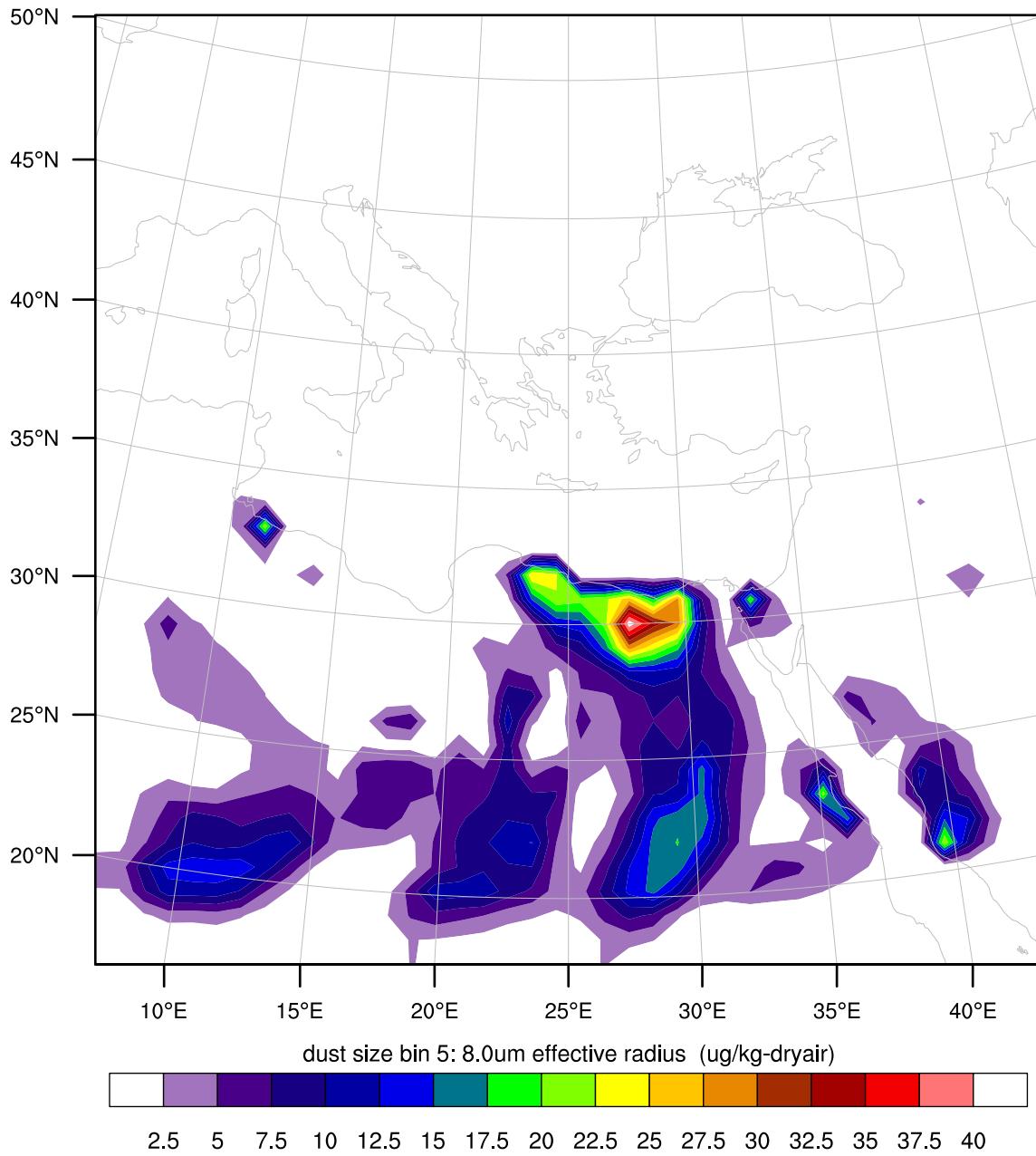
OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00

Valid: 2010-07-15_16:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

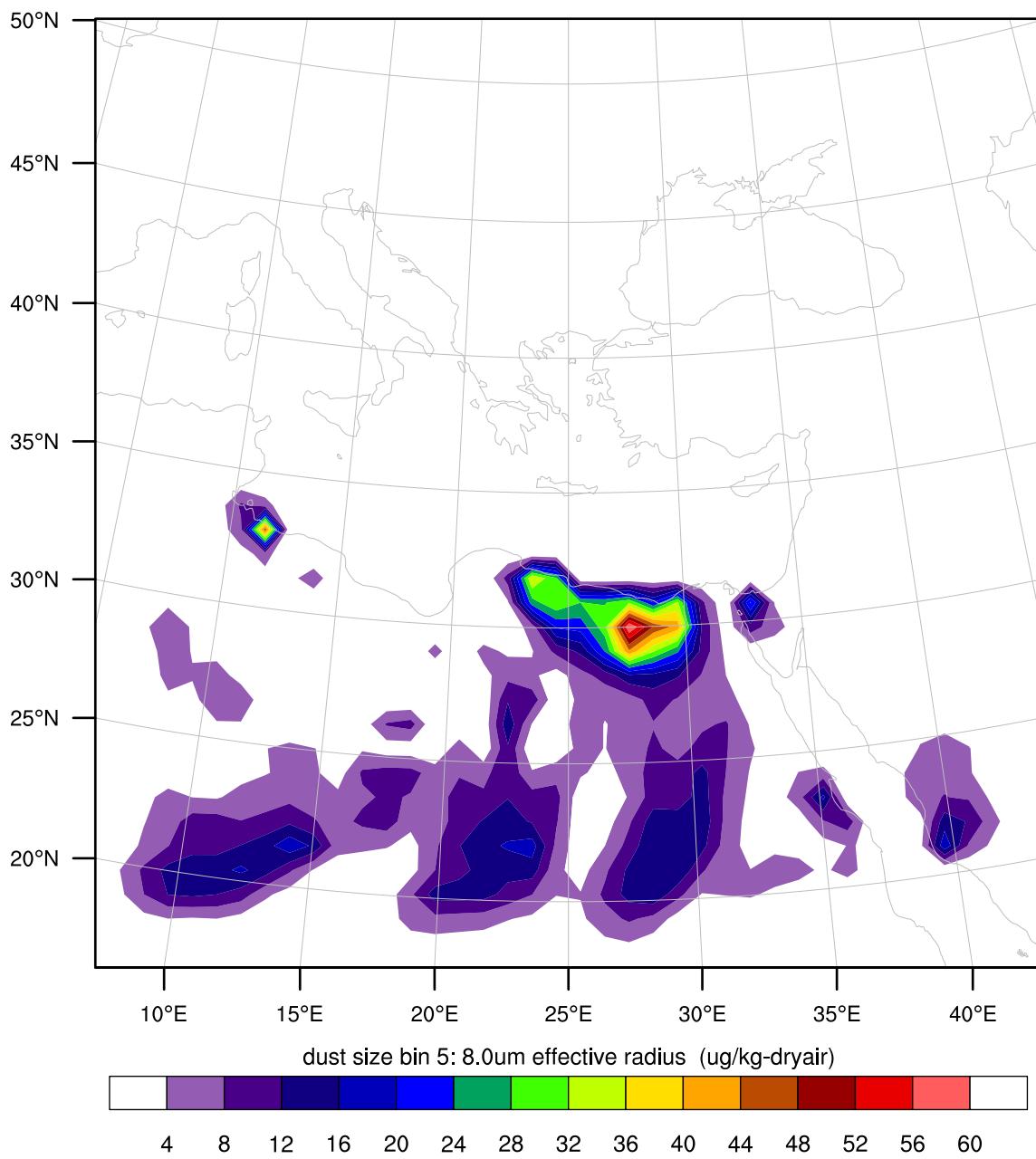


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_17:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

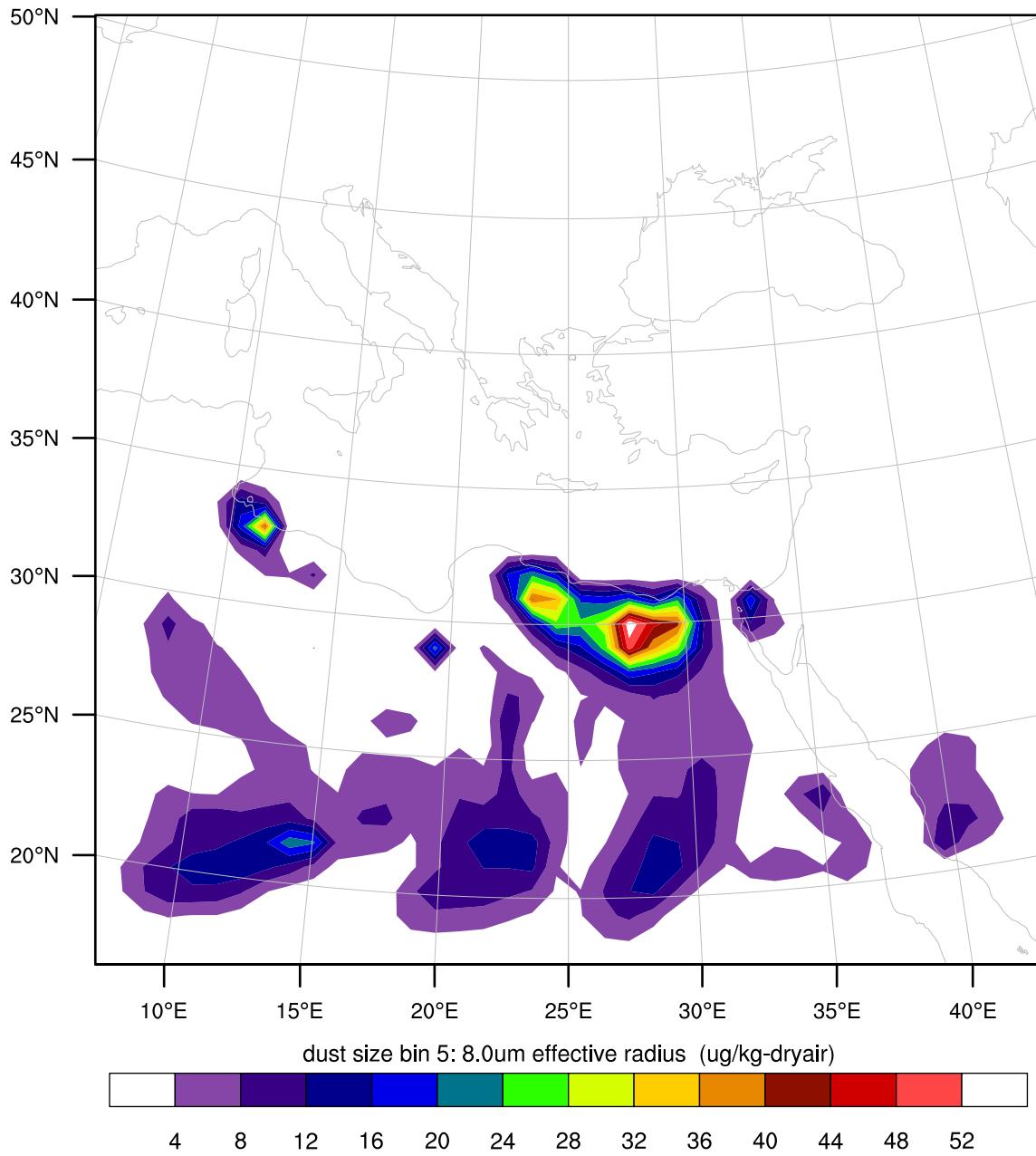


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_18:00:00

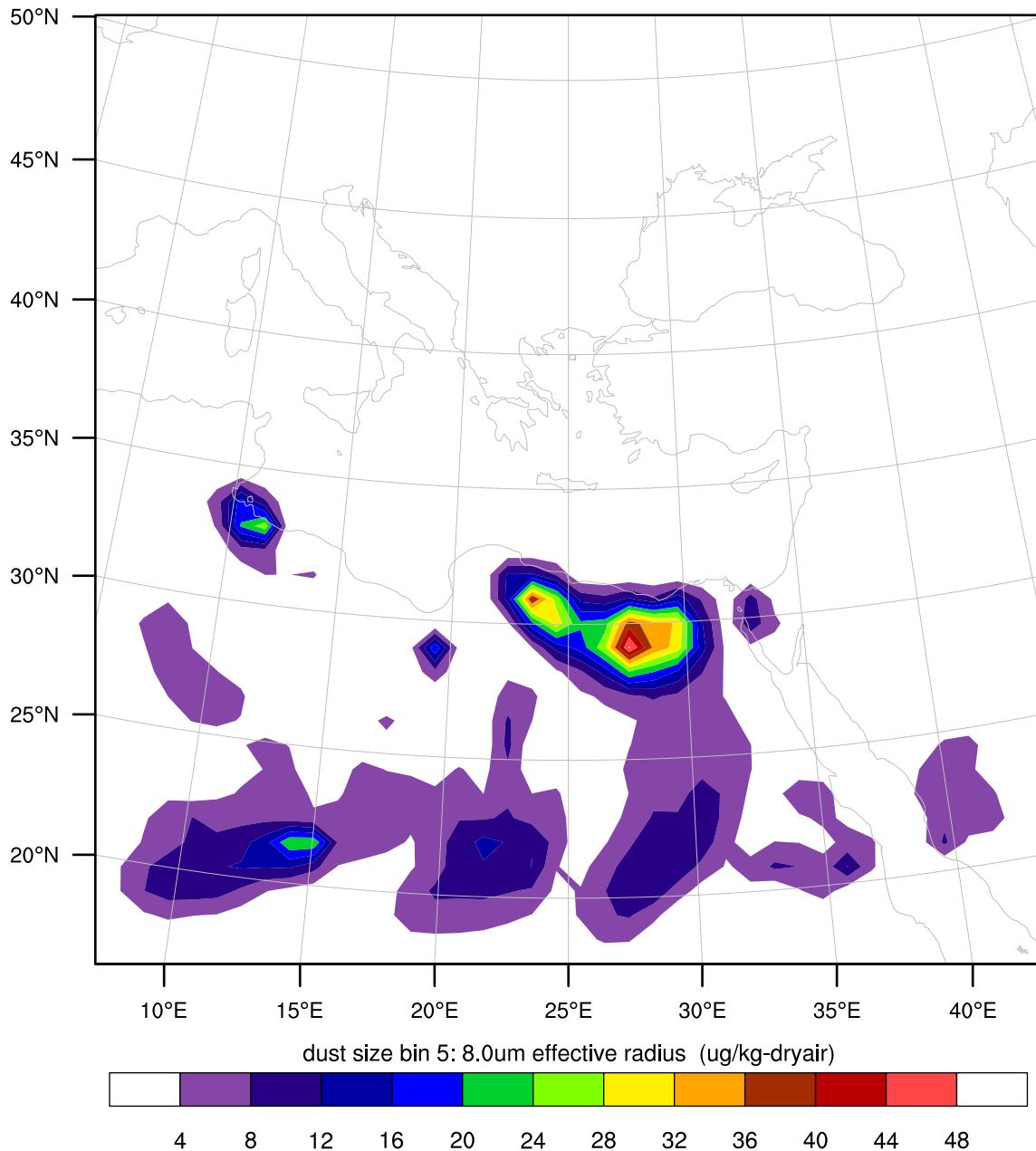
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_19:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

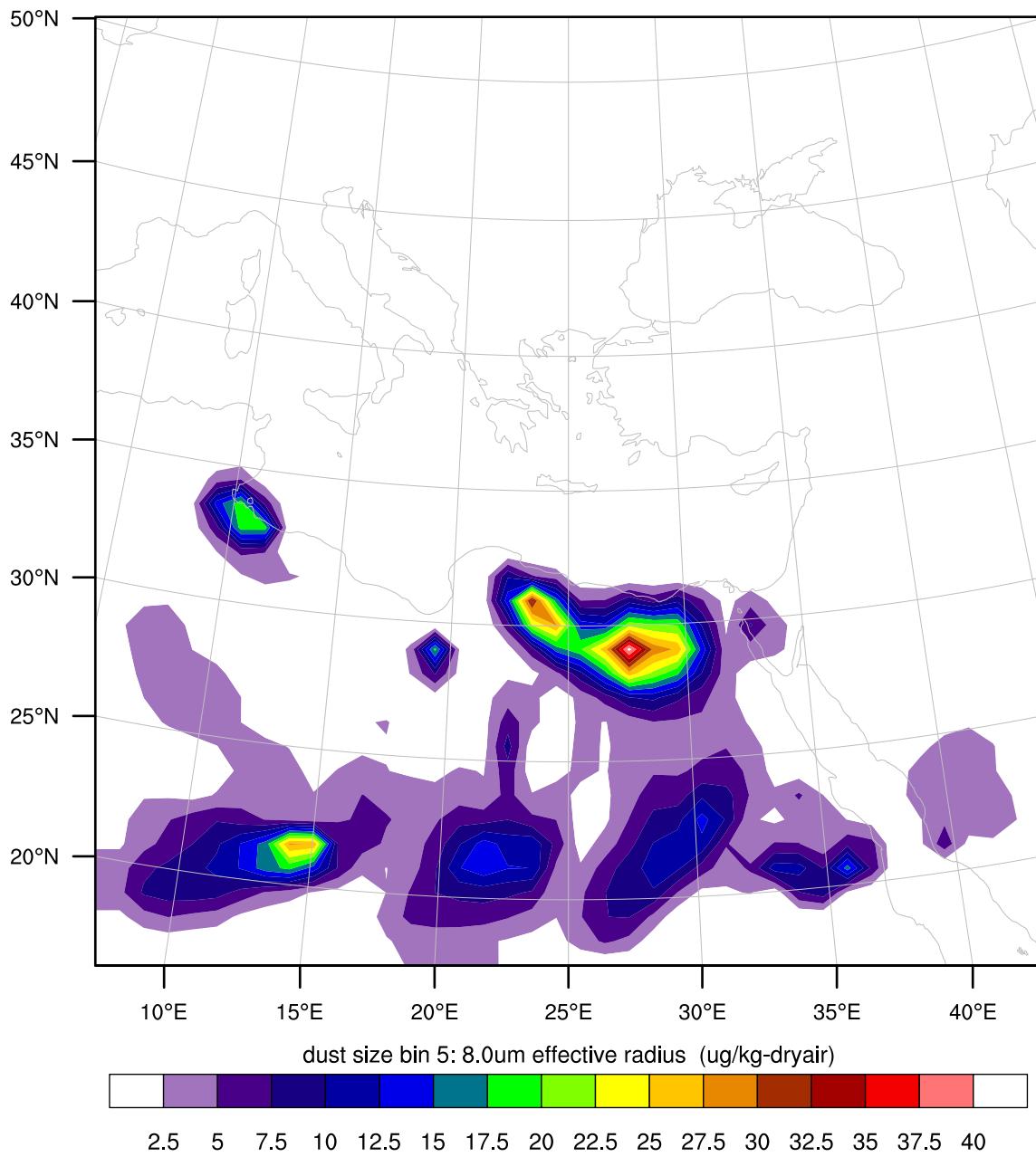


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_20:00:00

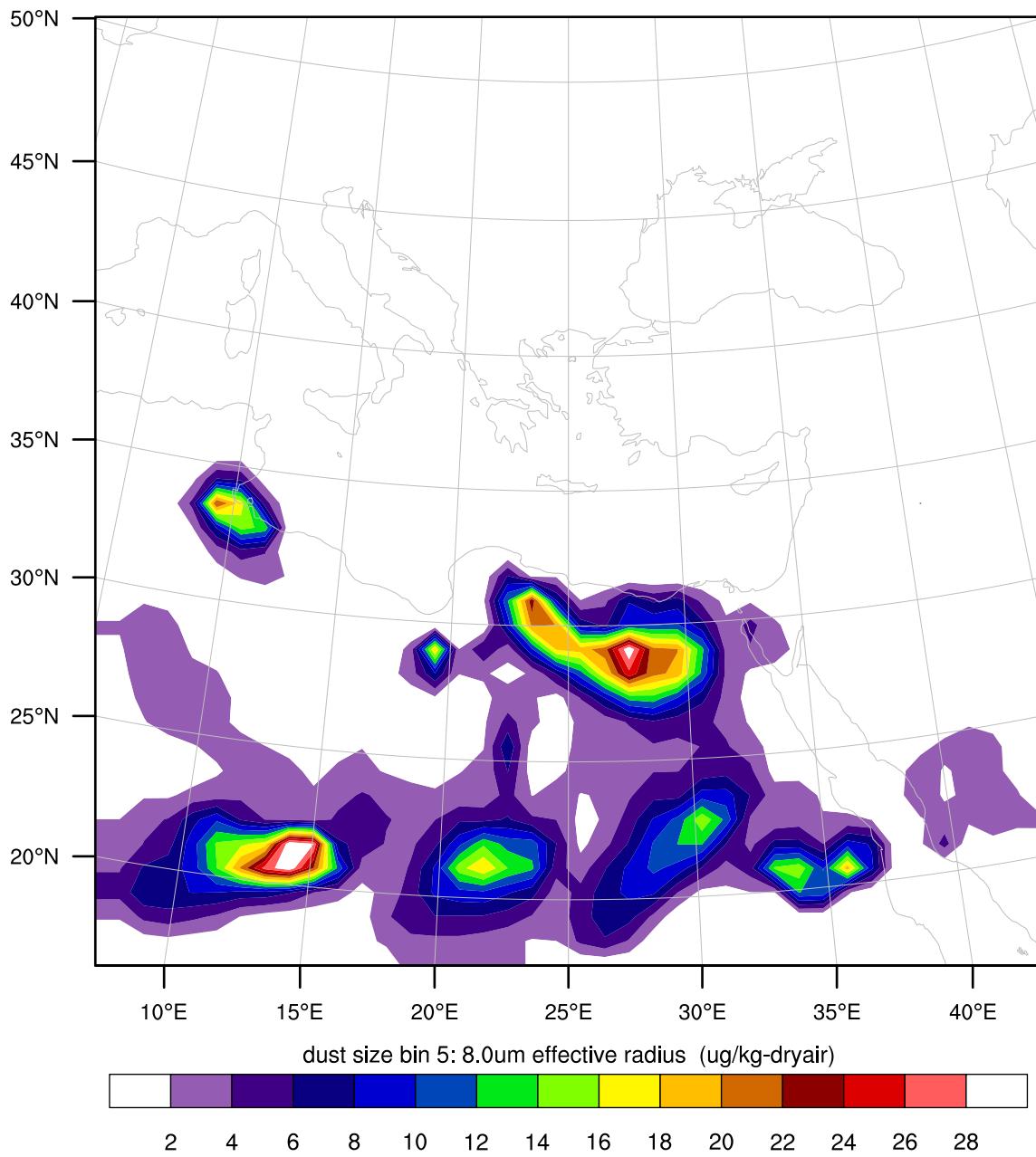
dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_21:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

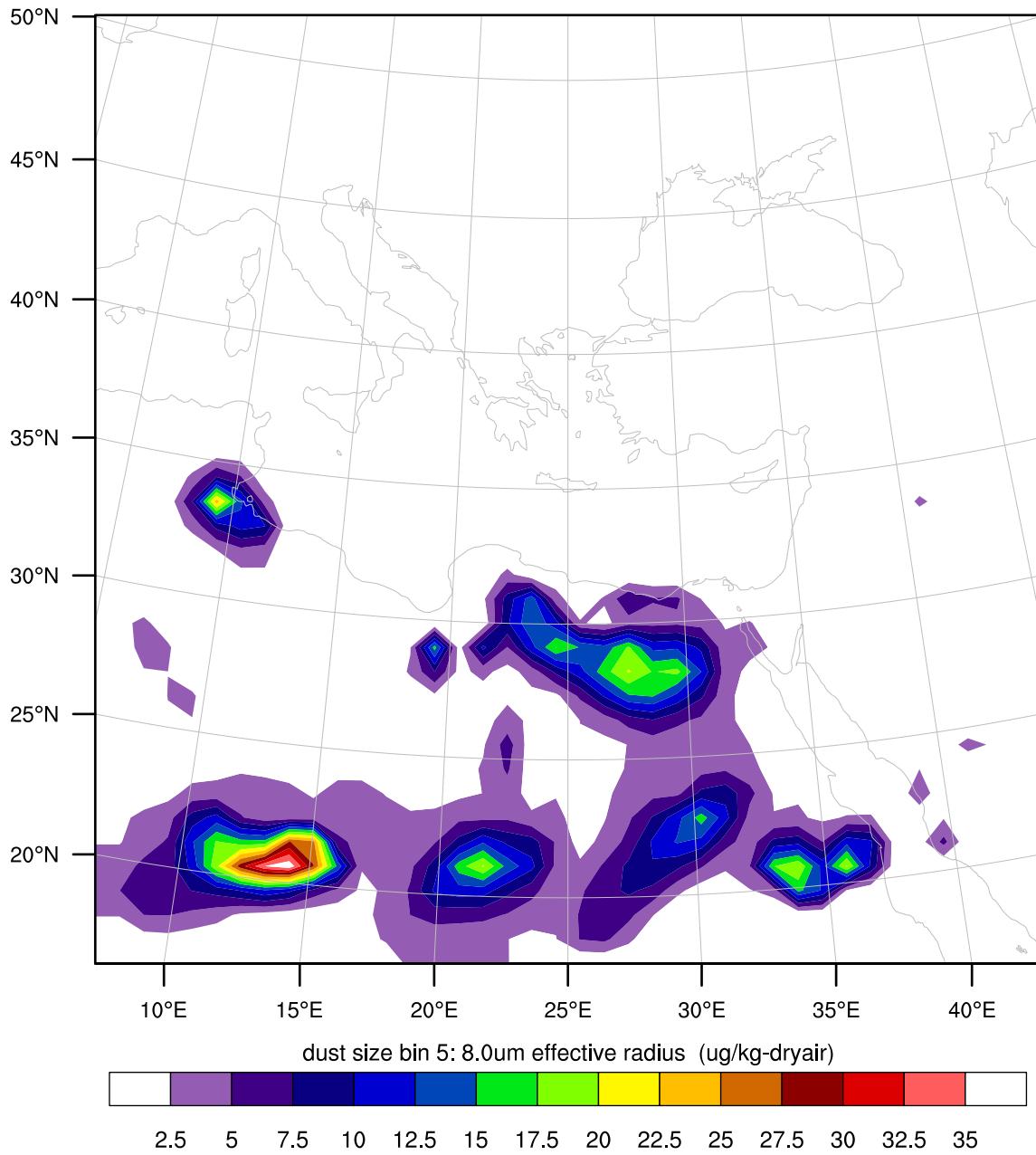


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_22:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

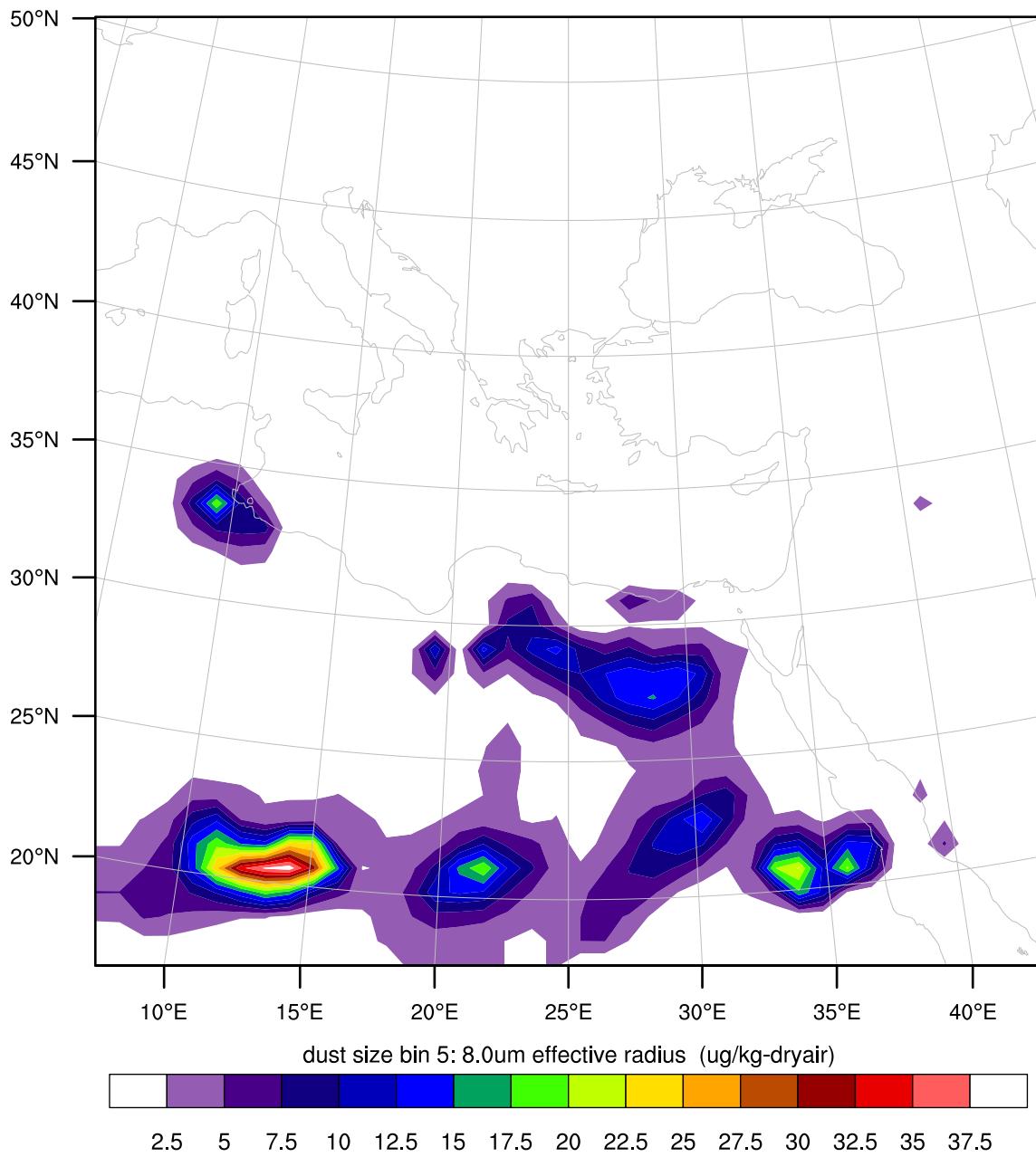


OUTPUT FROM * PROGRAM:WRF/CHEM V3.4.1 MODEL
WE = 41 ; SN = 41 ; Levels = 31 ; Dis = 100km ; Phys Opt = 4 ; PBL Opt = 1 ; Cu Opt = 5

REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-15_23:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)



REAL-TIME WRF

Init: 2010-07-14_00:00:00
Valid: 2010-07-16_00:00:00

dust size bin 5: 8.0um effective radius (ug/kg-dryair)

