

## APPENDIX 1

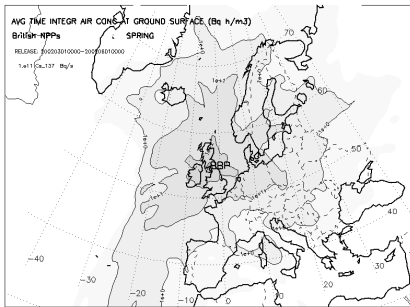
# **Seasonal Variations of Average Fields for Time Integrated Air Concentration, Dry Deposition and Wet Deposition of $^{137}\text{Cs}$ for the Nuclear Risk Sites in the Euro-Arctic Region**

# FOR THE BLOCK OF THE BRITISH NPPs

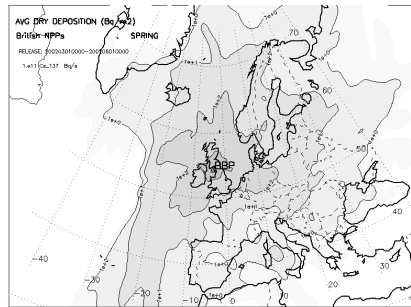
Time Integrated Air Concentration

Dry Deposition

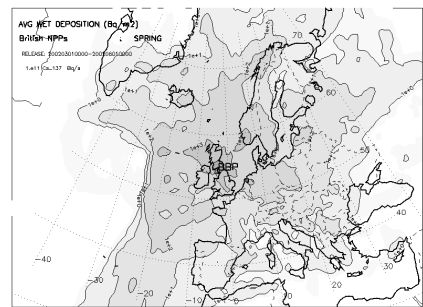
Wet Deposition



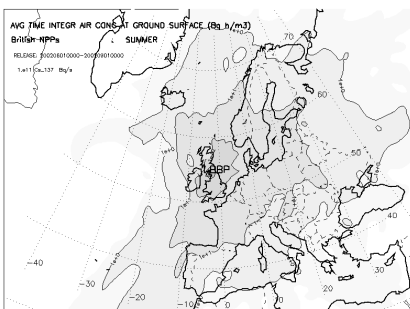
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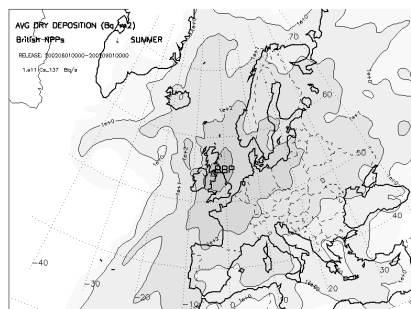
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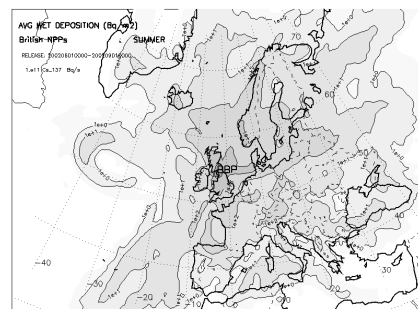
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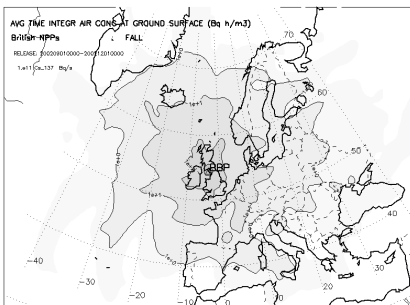
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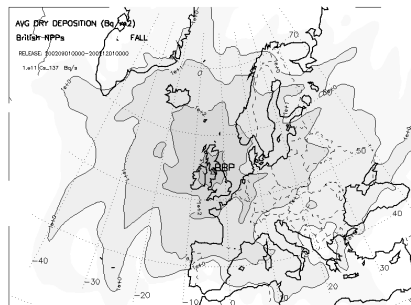
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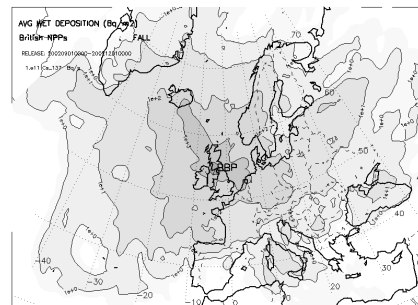
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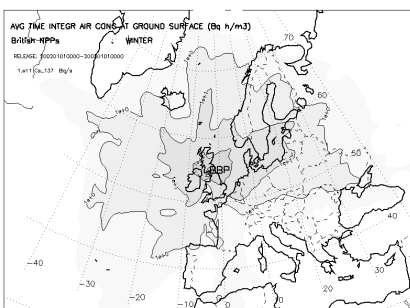
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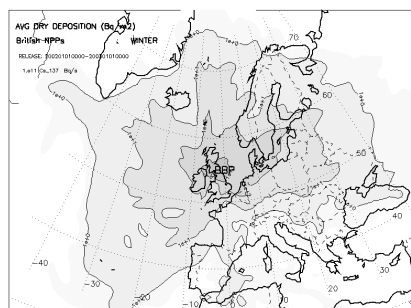
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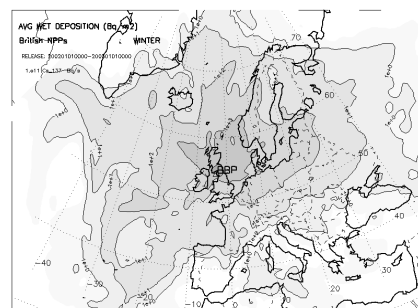
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(Win)



(Win)



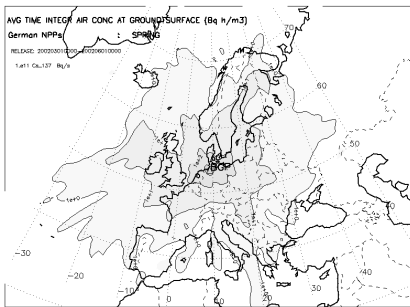
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# FOR THE BLOCK OF THE GERMAN NPPs

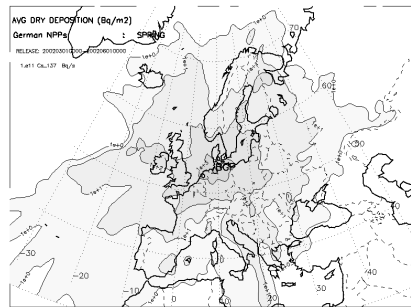
Time Integrated Air Concentration

Dry Deposition

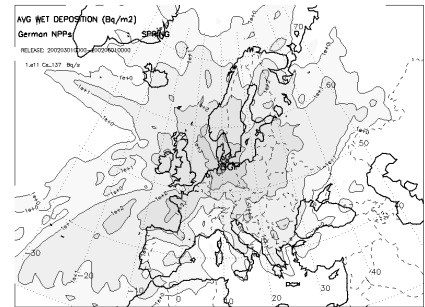
Wet Deposition



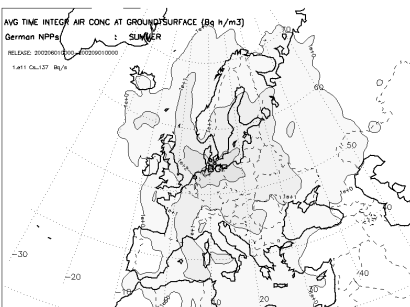
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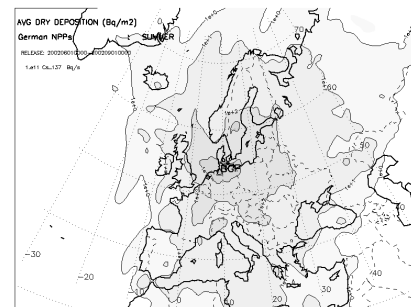
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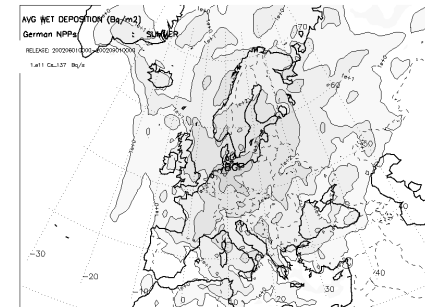
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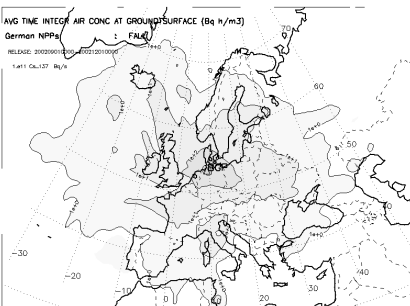
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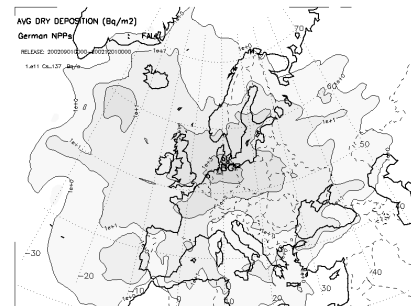
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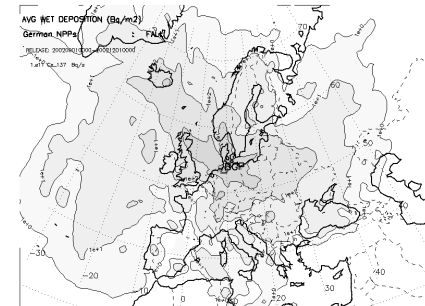
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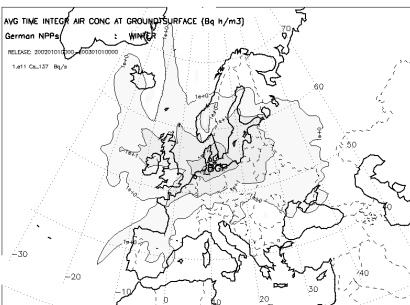
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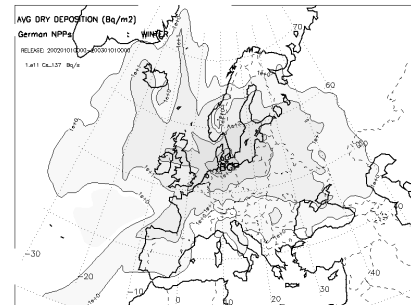
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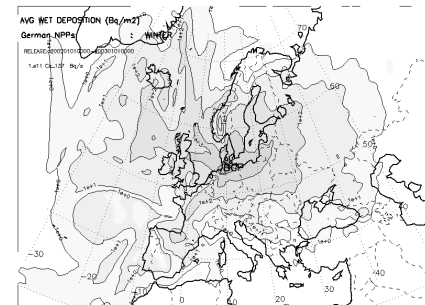
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(Win)



(Win)



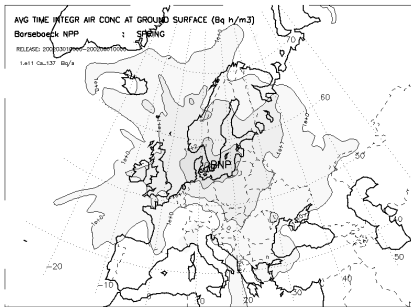
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# FOR THE BARSEBAECK NPP

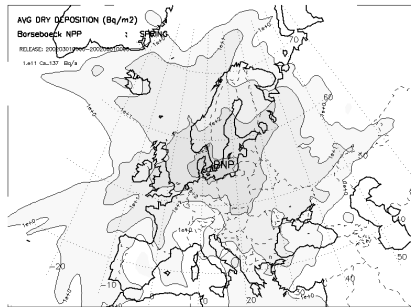
Time Integrated Air Concentration

Dry Deposition

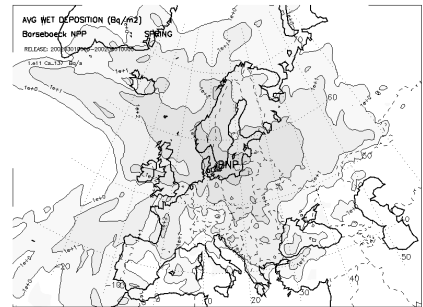
Wet Deposition



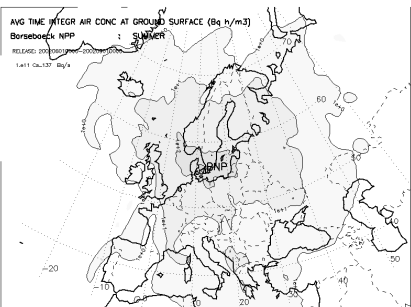
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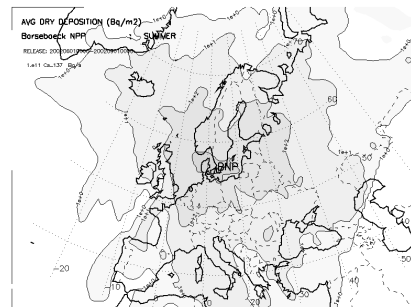
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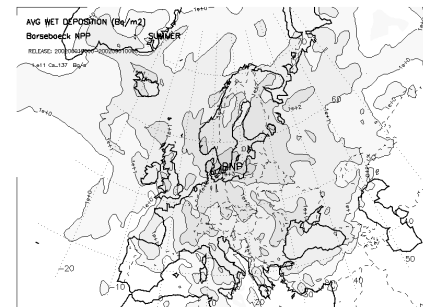
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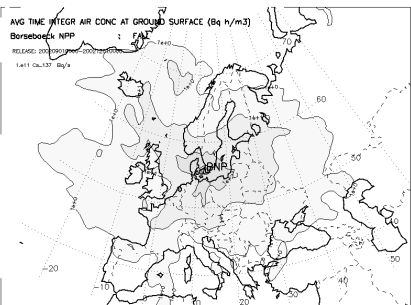
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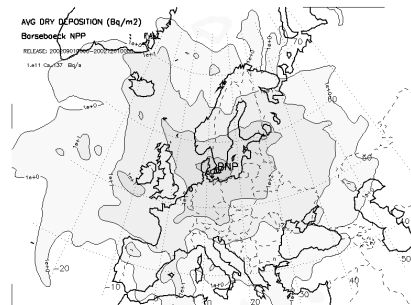
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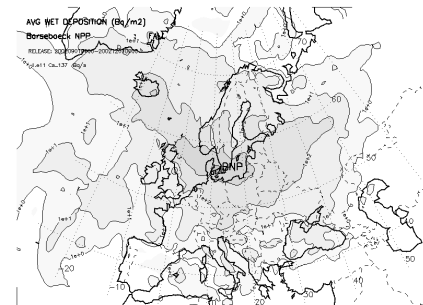
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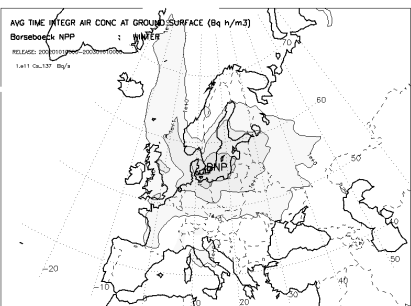
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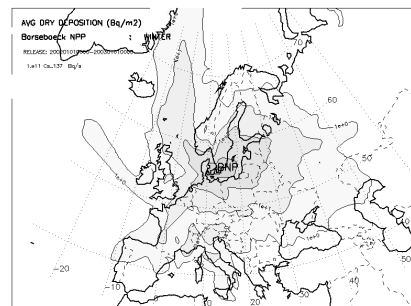
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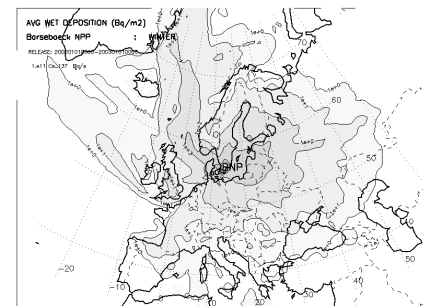
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(Win)



(Win)



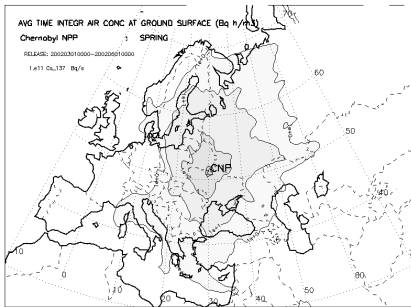
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# FOR THE CHERNOBYL NPP

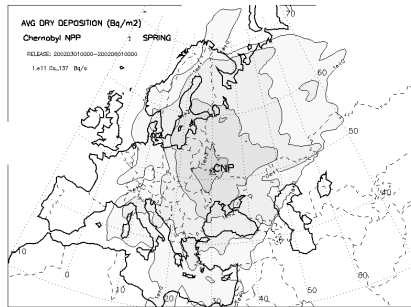
Time Integrated Air Concentration

Dry Deposition

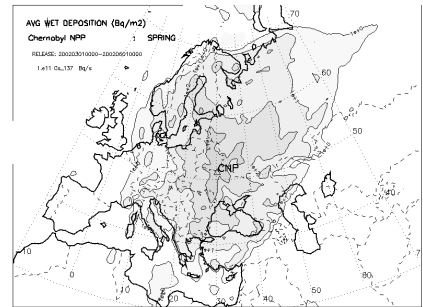
Wet Deposition



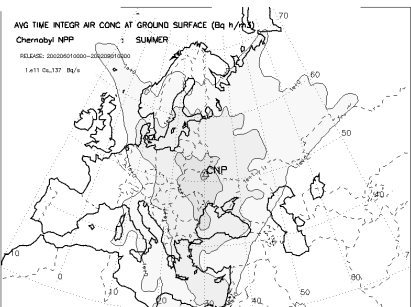
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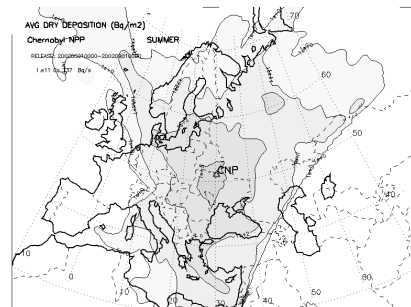
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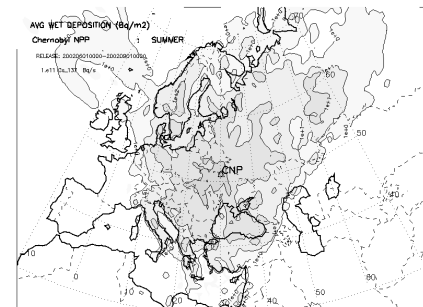
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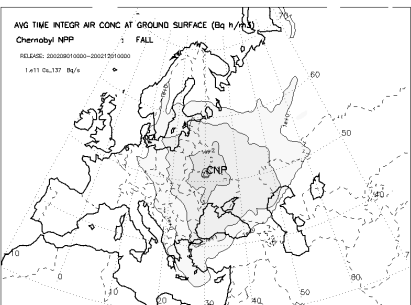
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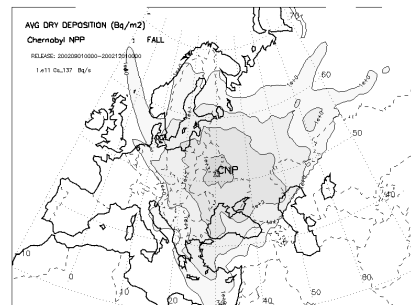
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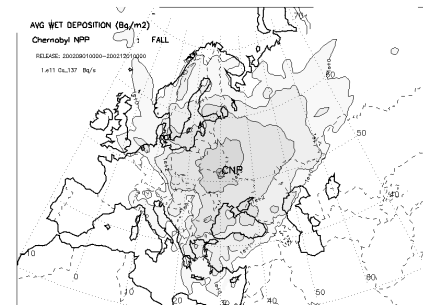
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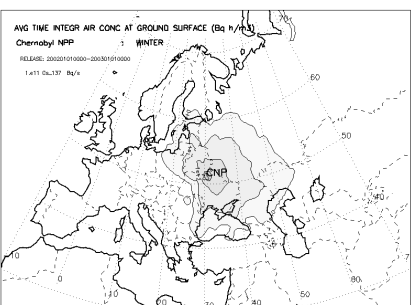
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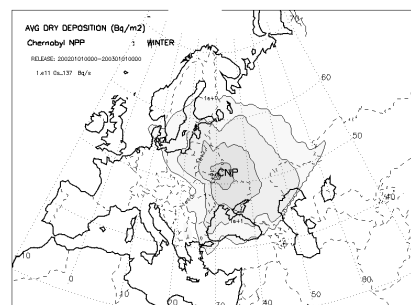
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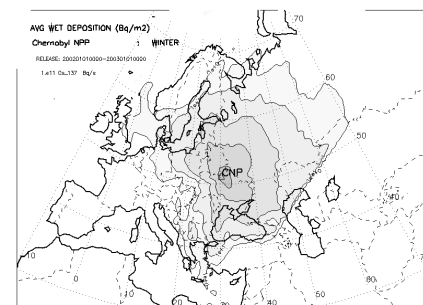
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(Win)



(Win)



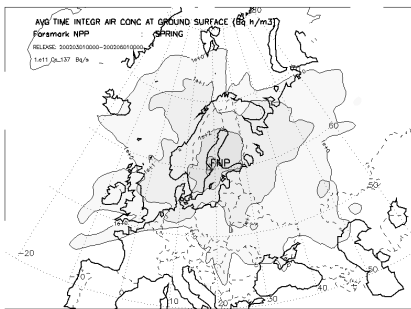
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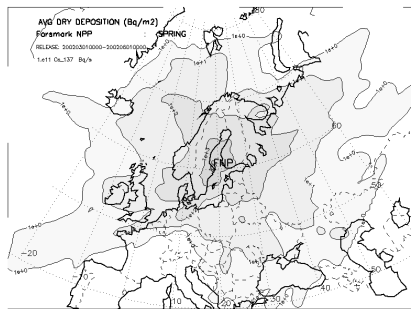
Time Integrated Air Concentration

Dry Deposition

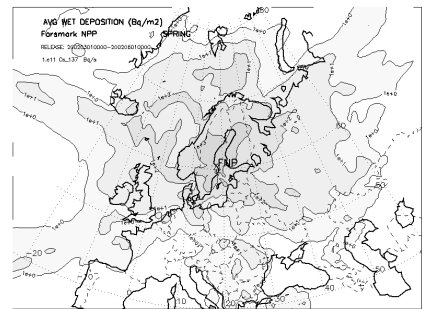
Wet Deposition



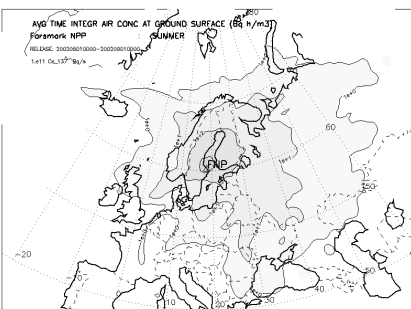
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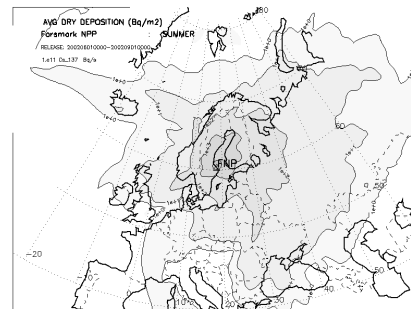
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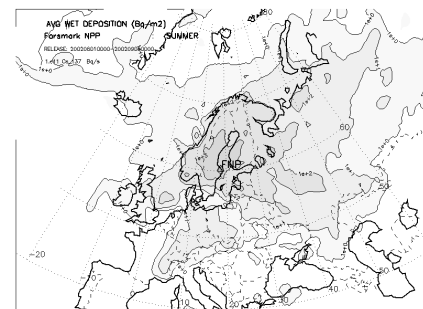
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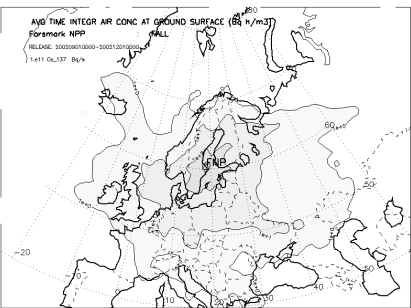
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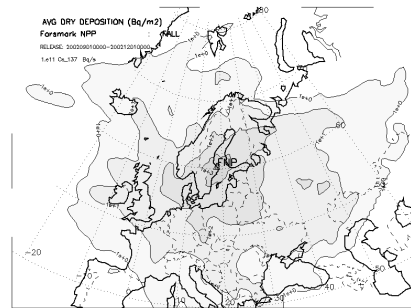
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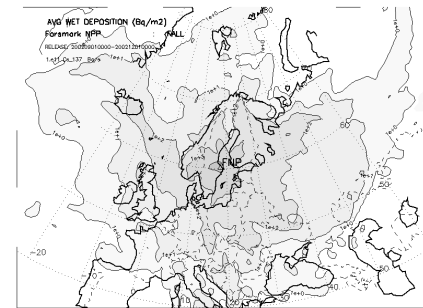
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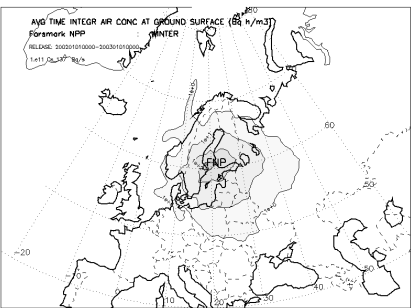
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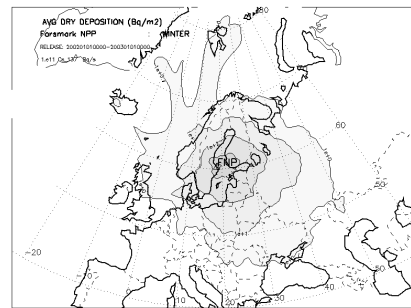
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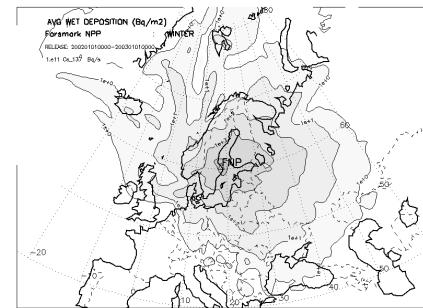
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(Win)



(Win)



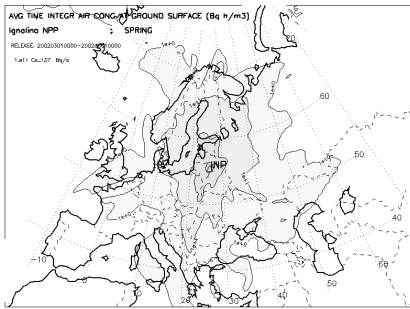
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# FOR THE IGNALINA NPP

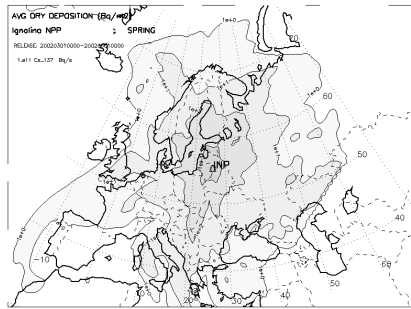
Time Integrated Air Concentration

Dry Deposition

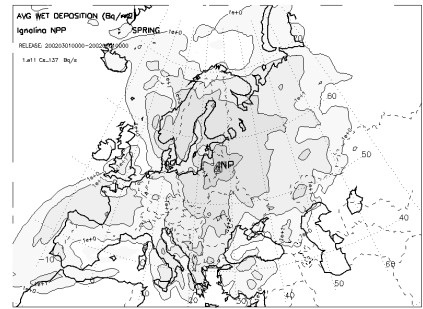
Wet Deposition



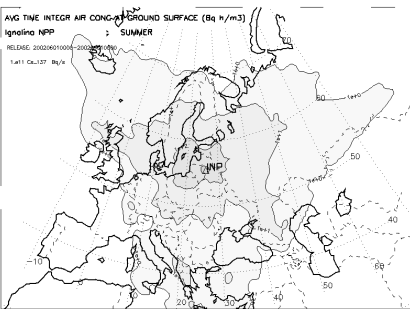
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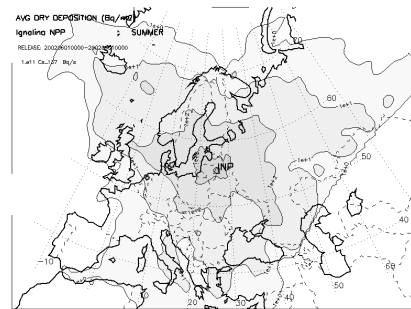
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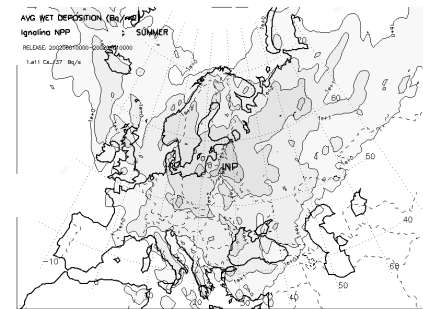
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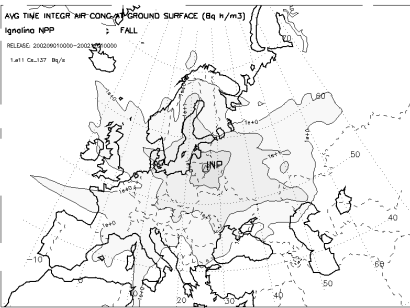
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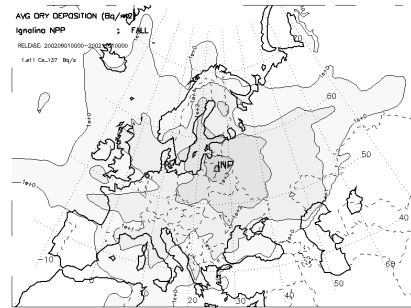
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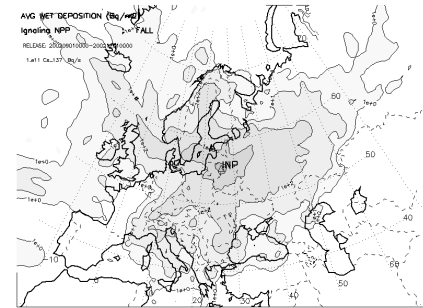
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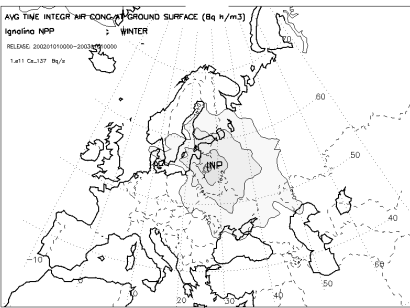
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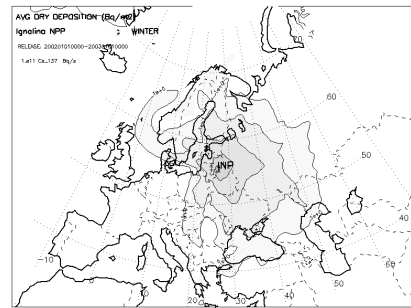
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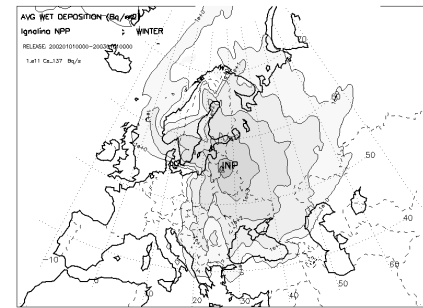
(Fal)



(Win)



(Win)



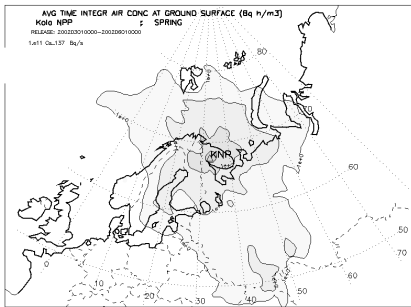
(Win)

# FOR THE KOLA NPP

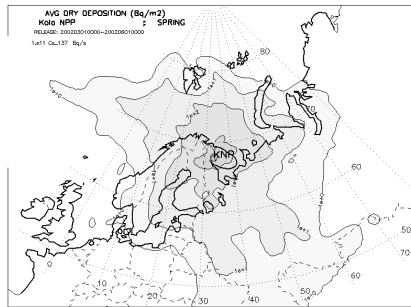
## Time Integrated Air Concentration

## Dry Deposition

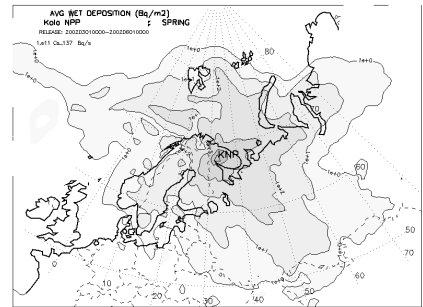
## Wet Deposition



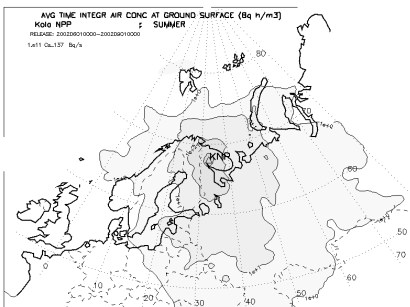
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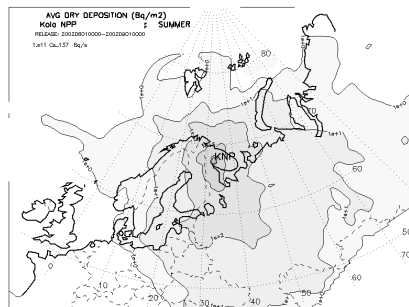
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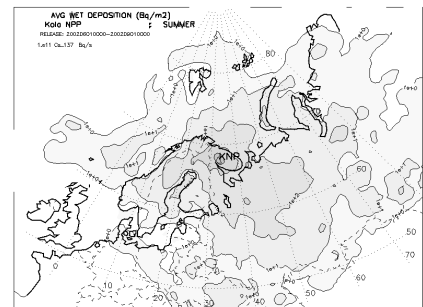
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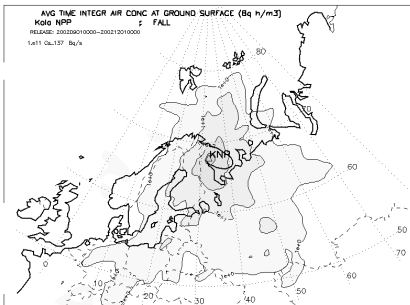
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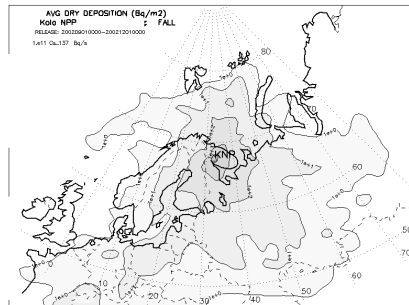
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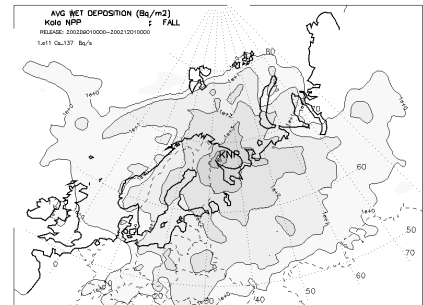
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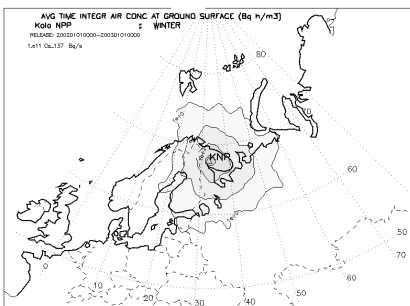
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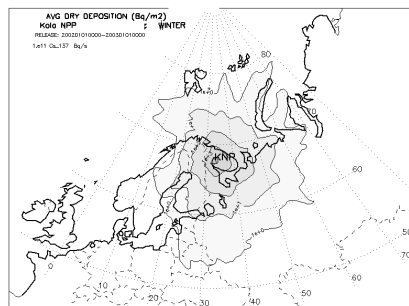
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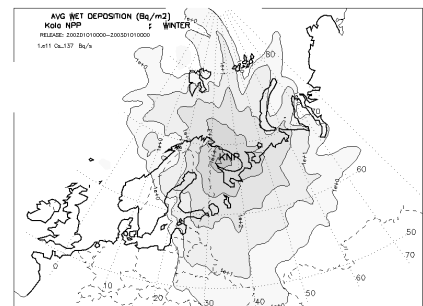
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(Win)



(Win)



(Win)

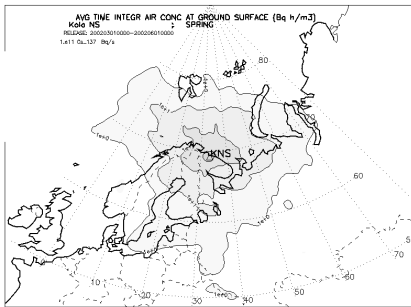


# FOR THE KOLA NRS

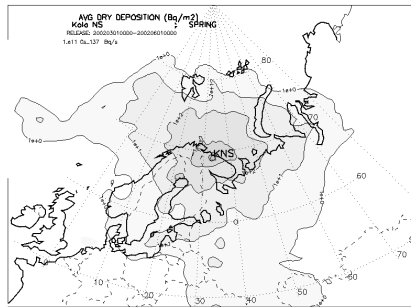
Time Integrated Air Concentration

Dry Deposition

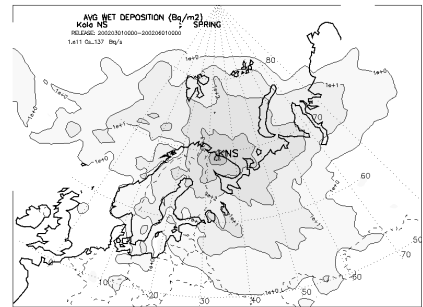
Wet Deposition



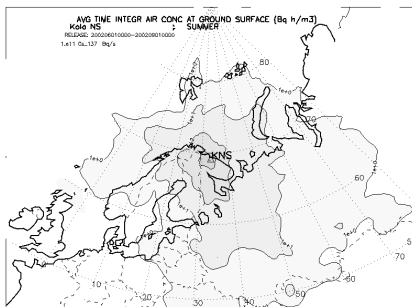
(Spr)



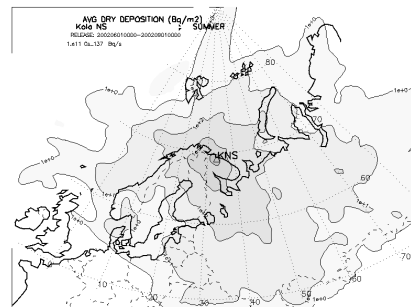
(Spr)



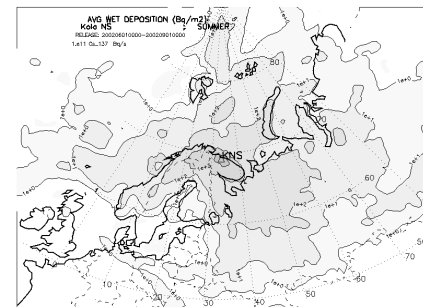
(Spr)



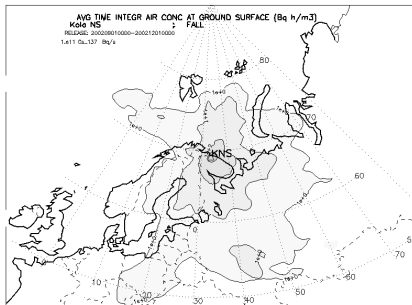
(Sum)



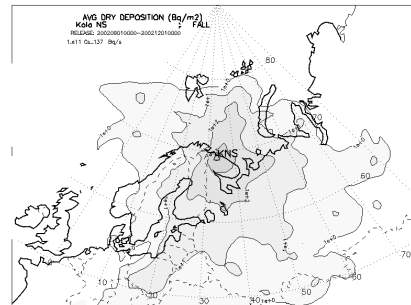
(Sum)



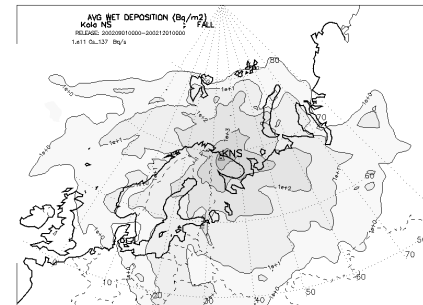
(Sum)



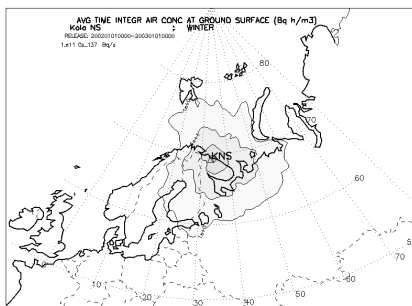
(Fal)



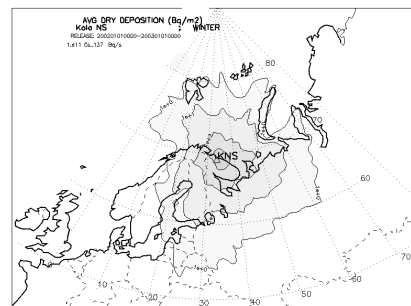
(Fal)



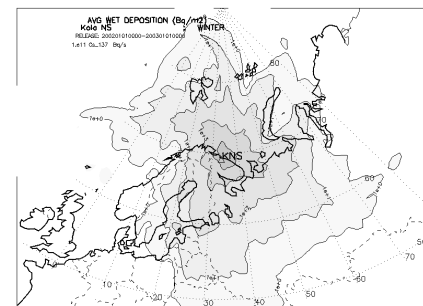
(Fal)



(Win)



(Win)



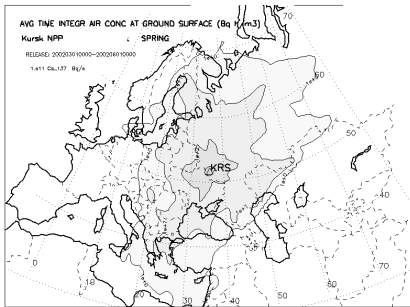
(Win)

# FOR THE KURSK NPP

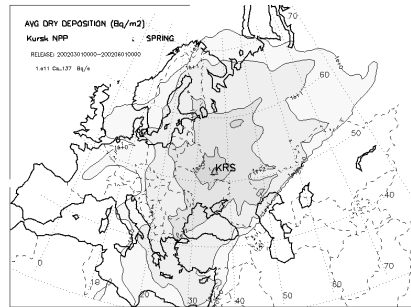
Time Integrated Air Concentration

Dry Deposition

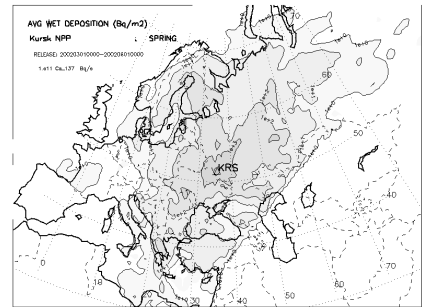
Wet Deposition



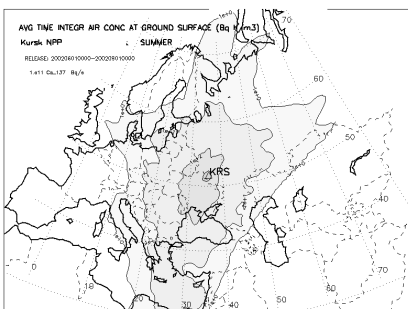
(Spr)



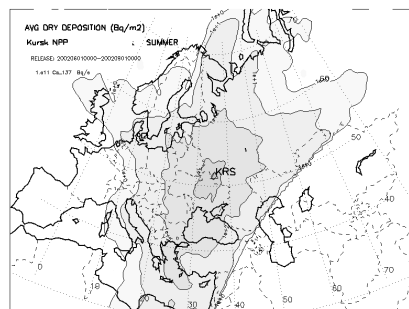
(Spr)



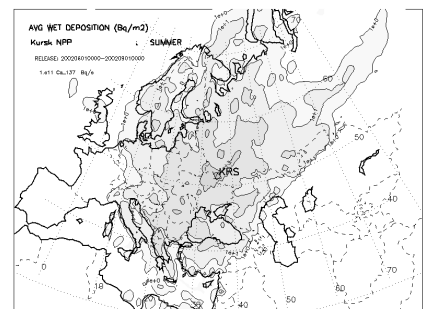
(Spr)



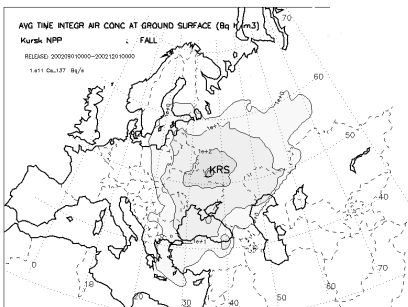
(Sum)



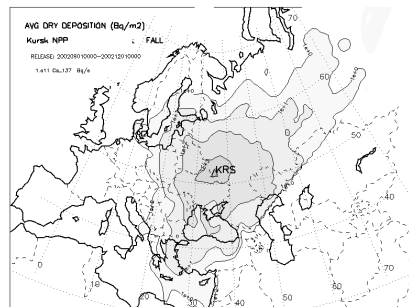
(Sum)



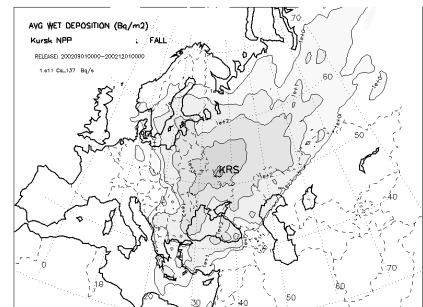
(Sum)



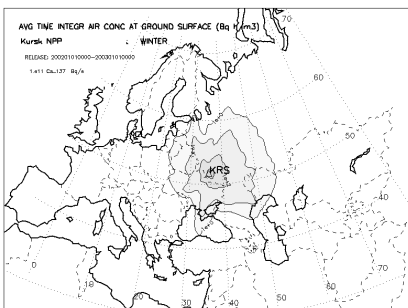
(Fal)



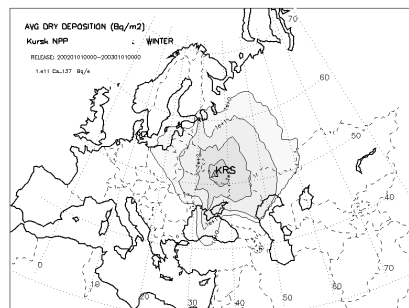
(Fal)



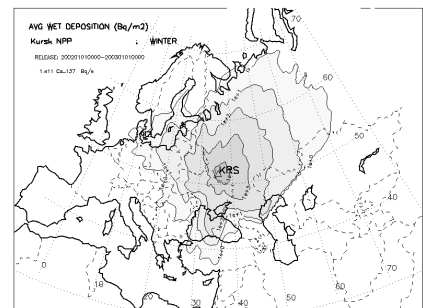
(Fal)



(Win)



(Win)



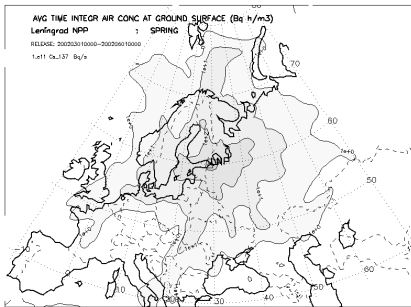
(Win)

# FOR THE LENINGRAD NPP

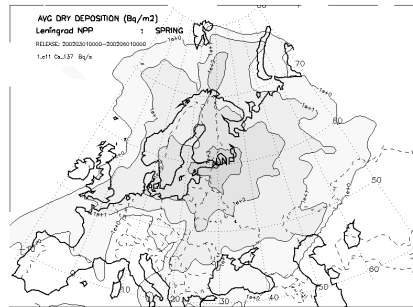
Time Integrated Air Concentration

Dry Deposition

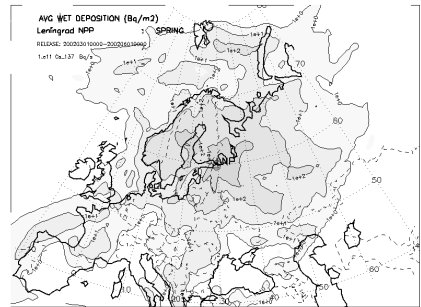
Wet Deposition



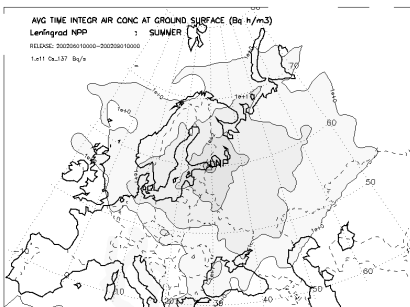
(Spr)



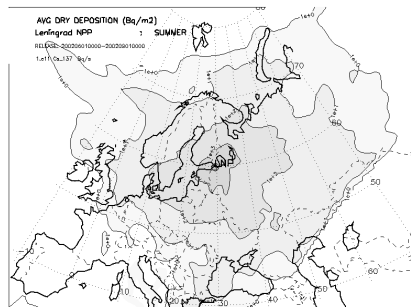
(Spr)



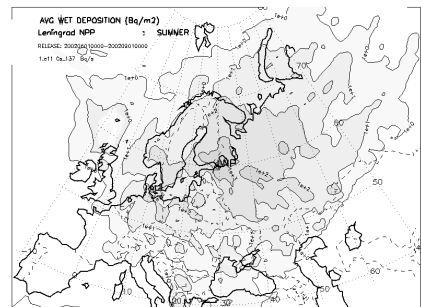
(Spr)



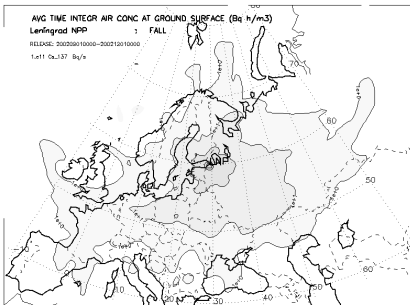
(Sum)



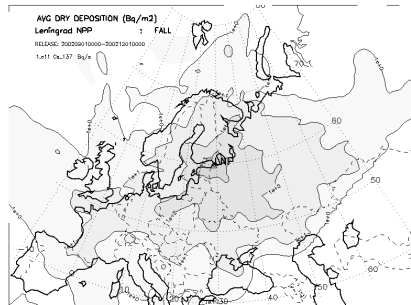
(Sum)



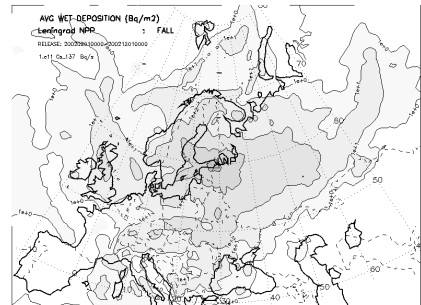
(Sum)



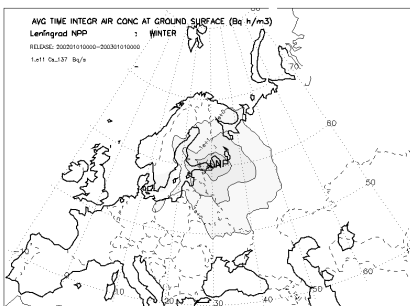
(Fal)



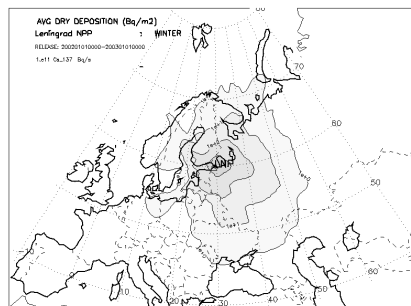
(Fal)



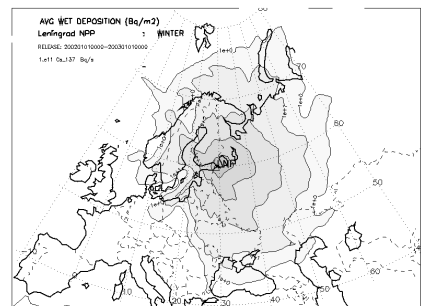
(Fal)



(Win)



(Win)



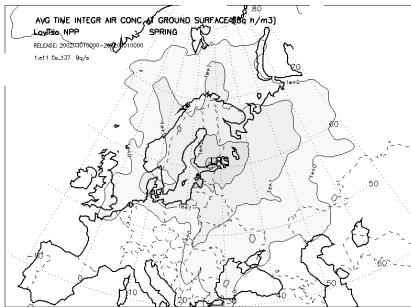
(Win)

# FOR THE LOVIISA NPP

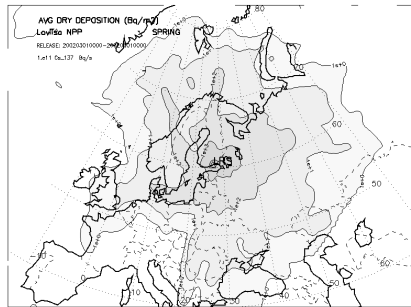
Time Integrated Air Concentration

Dry Deposition

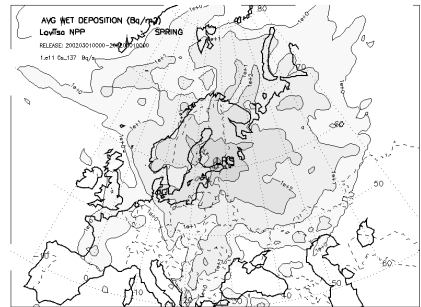
Wet Deposition



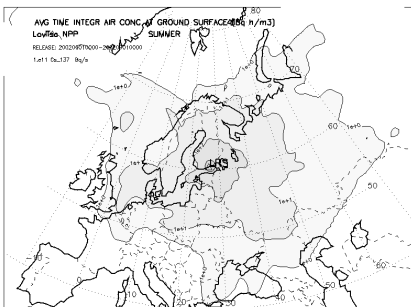
(Spr)



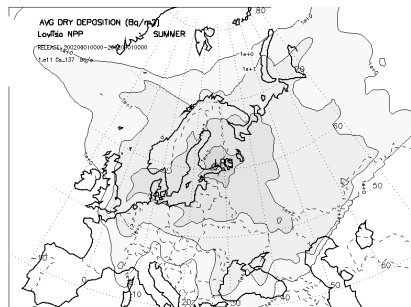
(Spr)



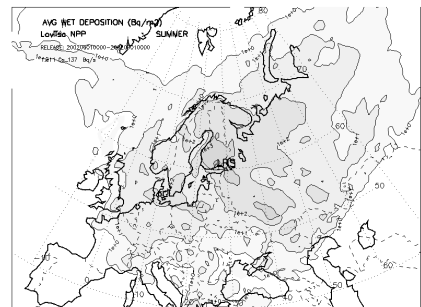
(Spr)



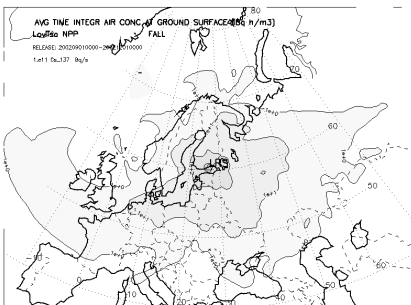
(Sum)



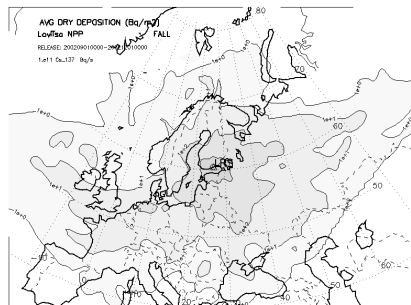
(Sum)



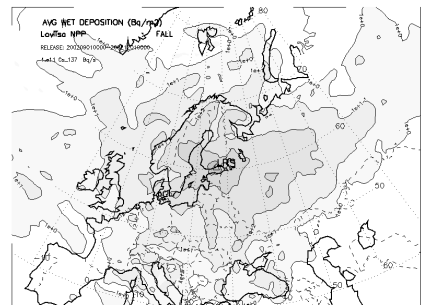
(Sum)



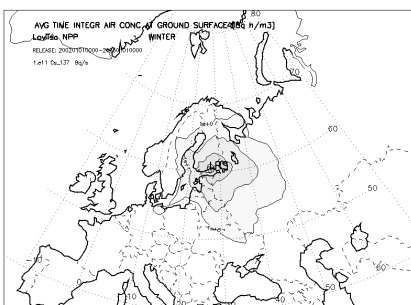
(Fal)



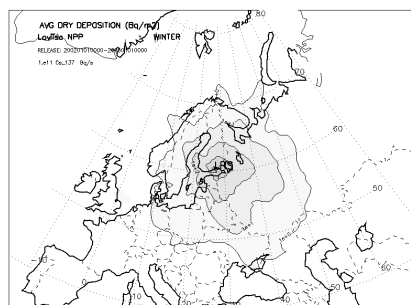
(Fal)



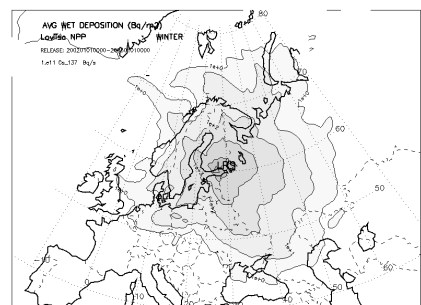
(Fal)



(Win)



(Win)



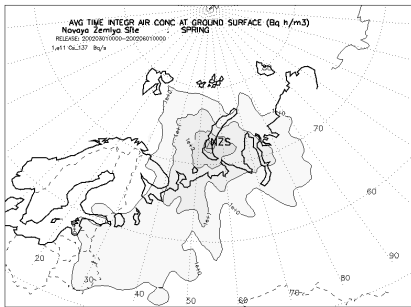
(Win)

# FOR THE NOVAYA ZEMLYA TEST SITE

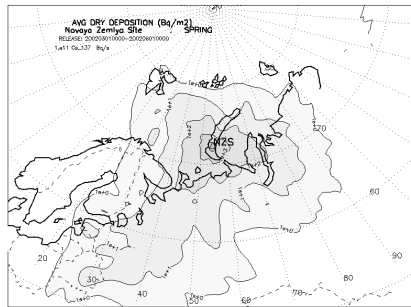
Time Integrated Air Concentration

Dry Deposition

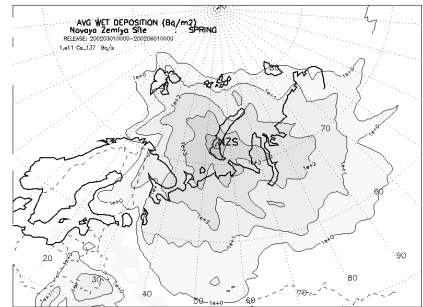
Wet Deposition



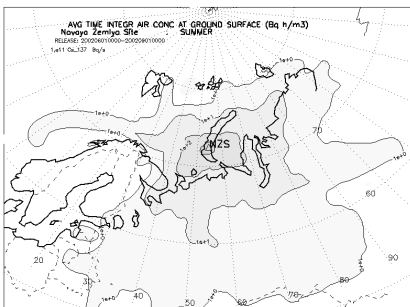
(Spr)



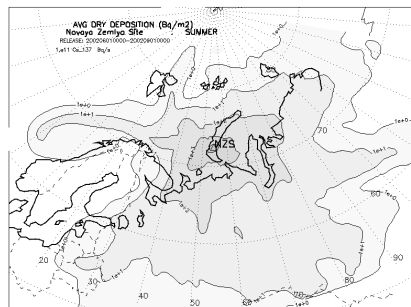
(Spr)



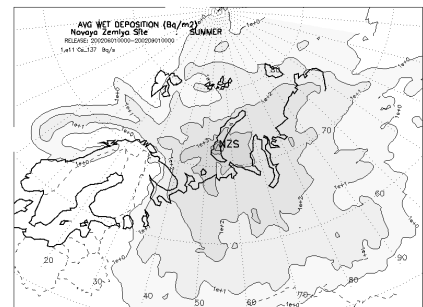
(Spr)



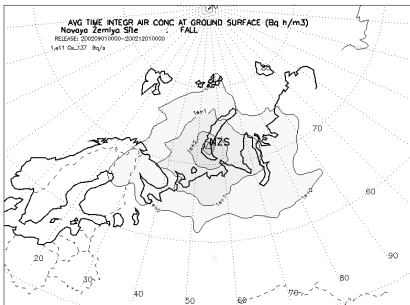
(Sum)



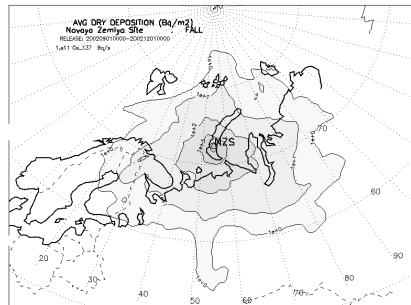
(Sum)



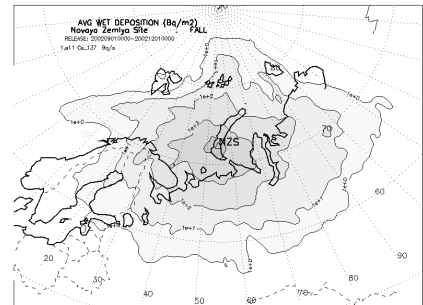
(Sum)



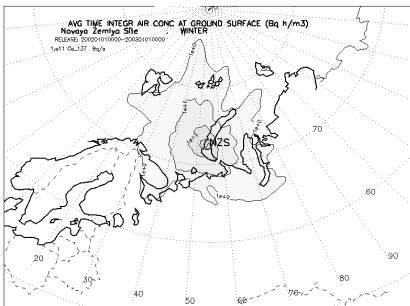
(Fal)



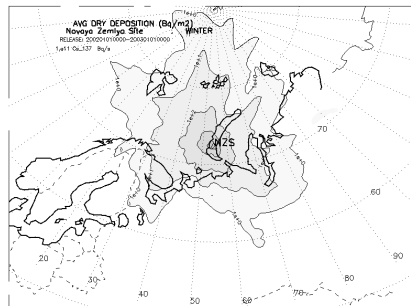
(Fal)



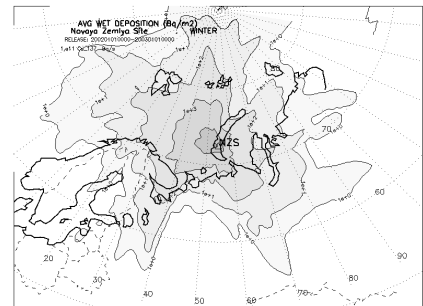
(Fal)



(Win)



(Win)



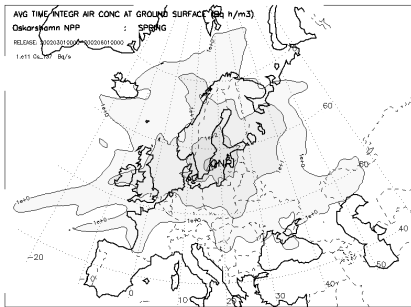
(Win)

# FOR THE OSKARSHAMN NPP

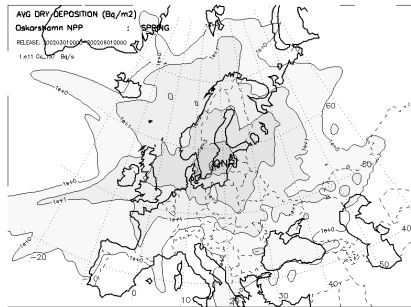
Time Integrated Air Concentration

Dry Deposition

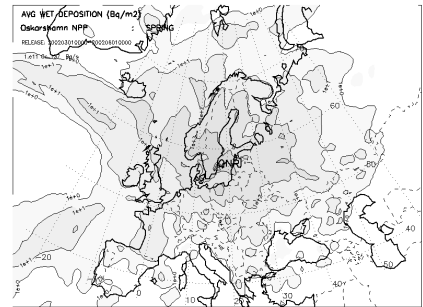
Wet Deposition



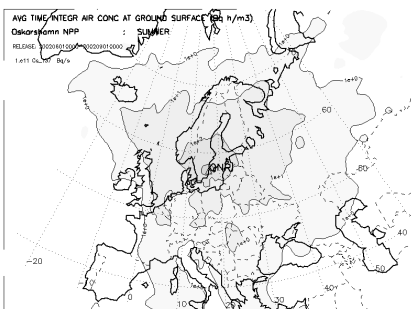
(Spr)



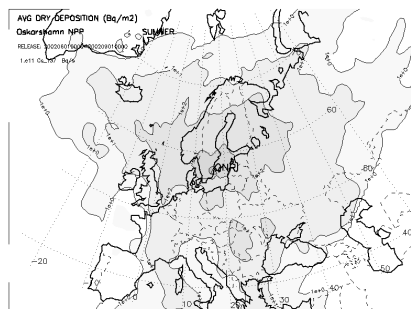
(Spr)



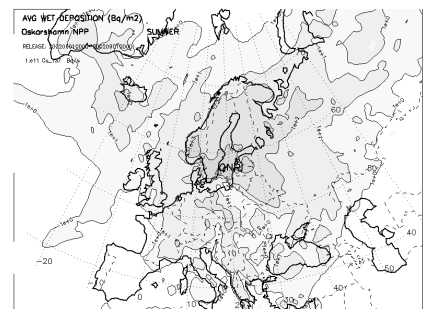
(Spr)



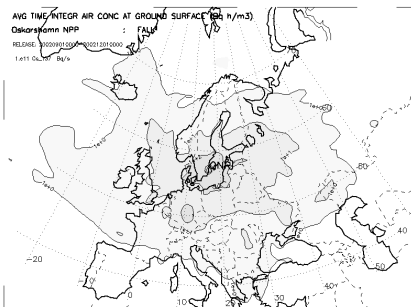
(Sum)



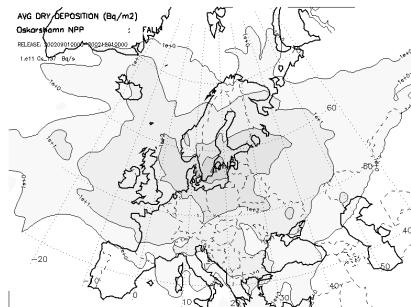
(Sum)



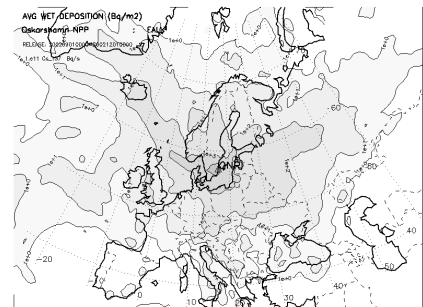
(Sum)



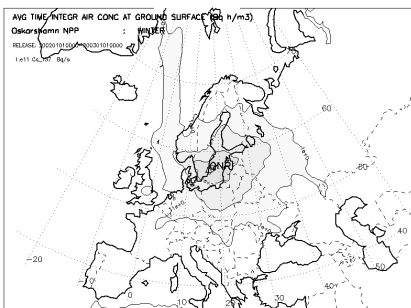
(Fal)



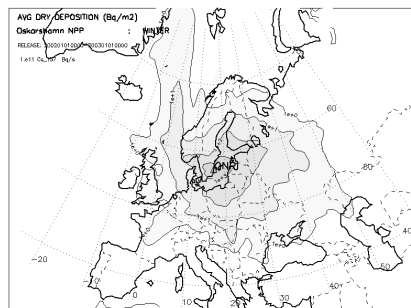
(Fal)



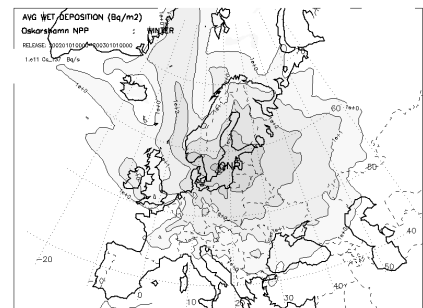
(Fal)



(Win)



(Win)



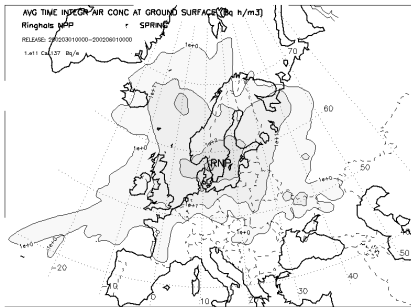
(Win)

# FOR THE RINGHALS NPP

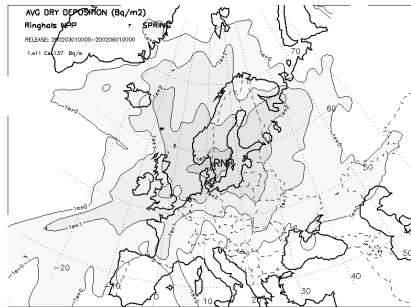
Time Integrated Air Concentration

Dry Deposition

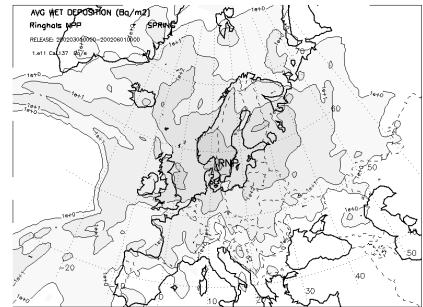
Wet Deposition



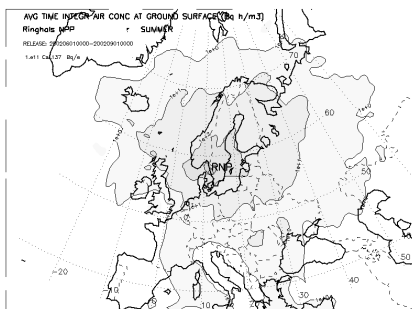
(Spr)



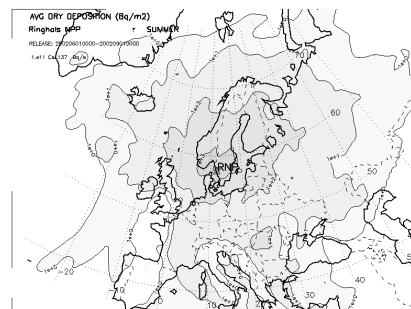
(Spr)



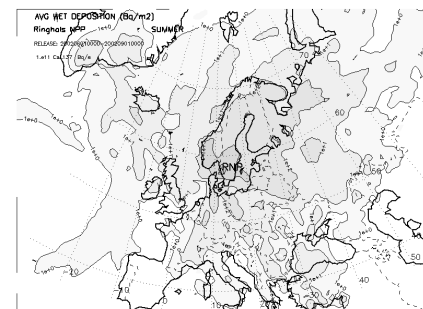
(Spr)



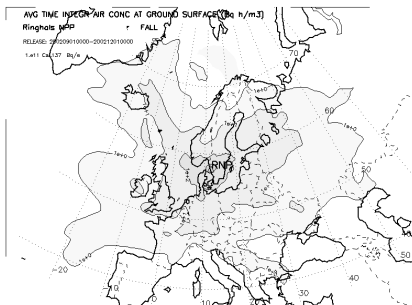
(Sum)



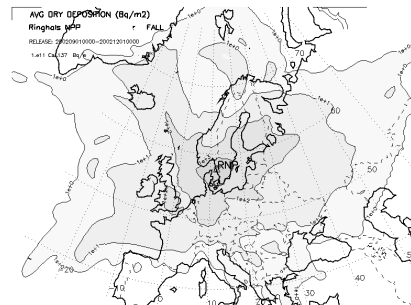
(Sum)



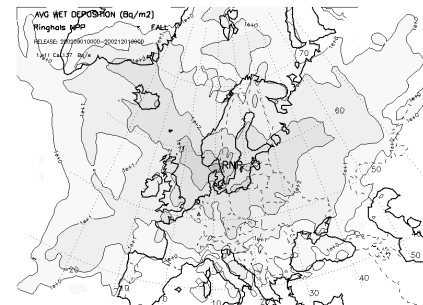
(Sum)



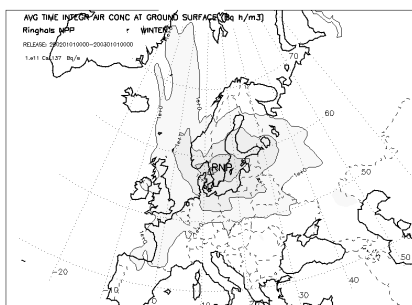
(Fal)



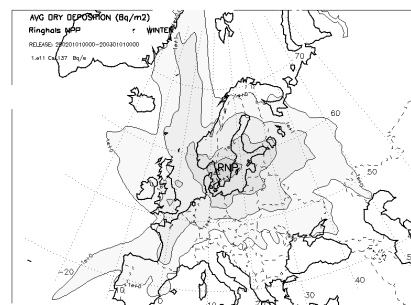
(Fal)



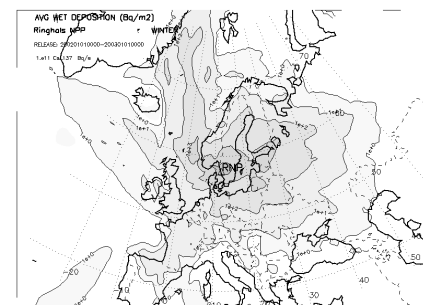
(Fal)



(Win)



(Win)



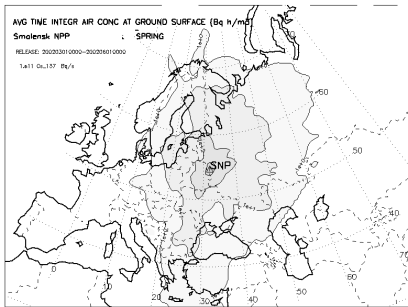
(Win)

# FOR THE SMOLENSK NPP

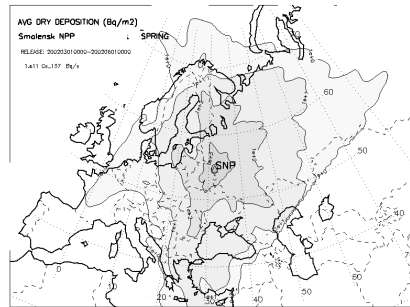
Time Integrated Air Concentration

Dry Deposition

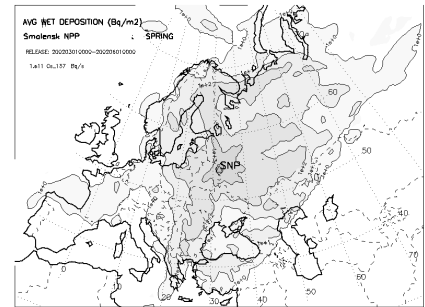
Wet Deposition



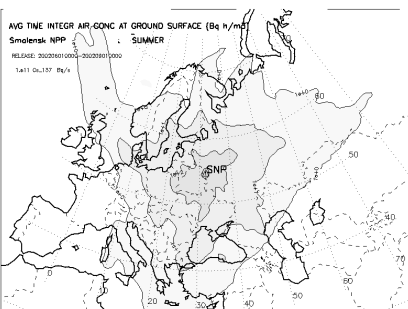
(Spr)



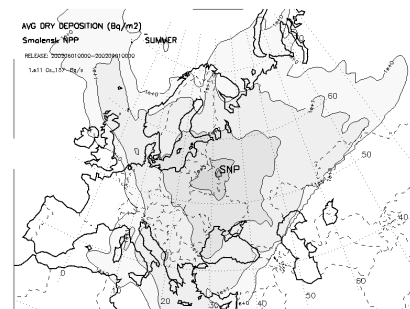
(Spr)



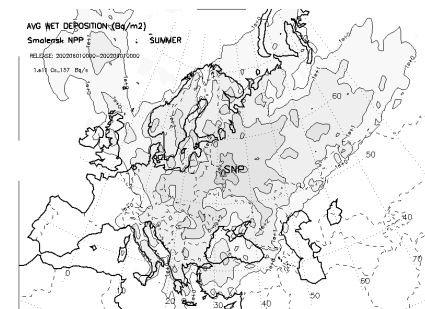
(Spr)



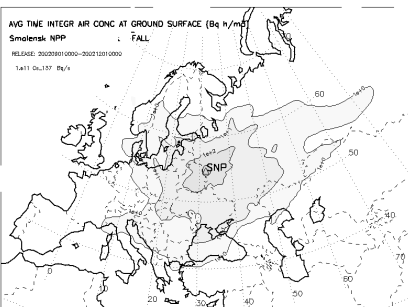
(Sum)



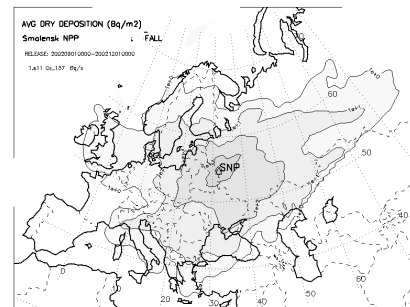
(Sum)



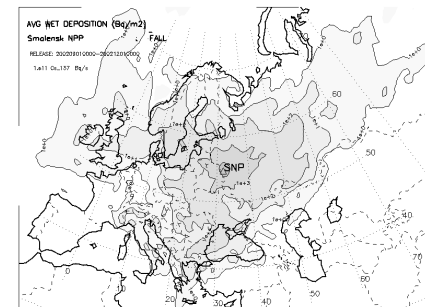
(Sum)



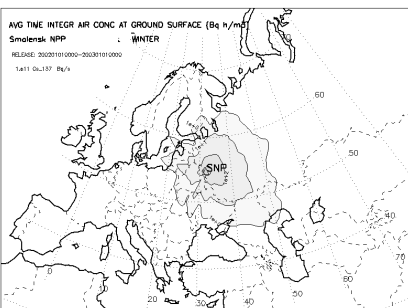
(Fal)



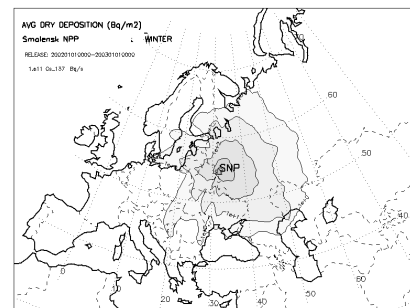
(Fal)



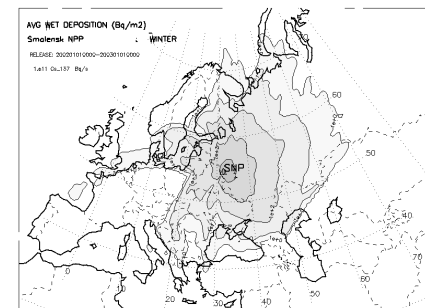
(Fal)



(Win)



(Win)



(Win)

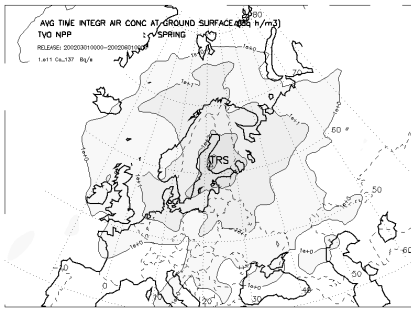


# FOR THE OLKILUOTO (TVO) NPP

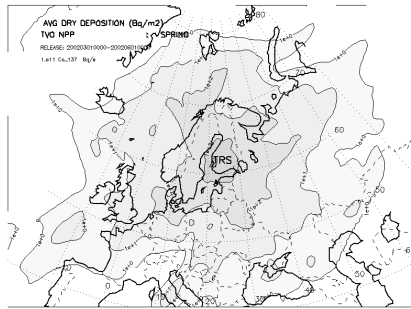
Time Integrated Air Concentration

Dry Deposition

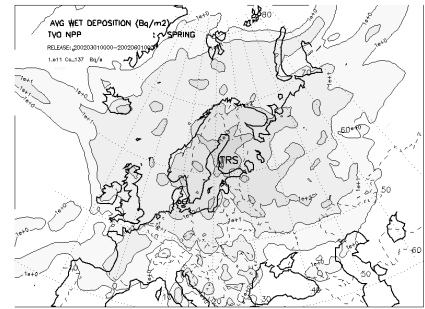
Wet Deposition



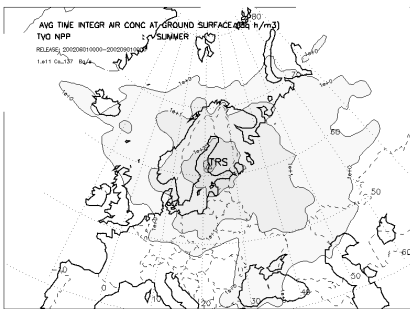
(Spr)



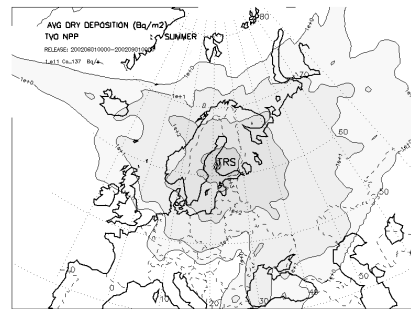
(Spr)



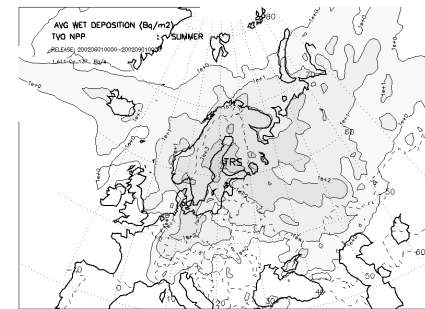
(Spr)



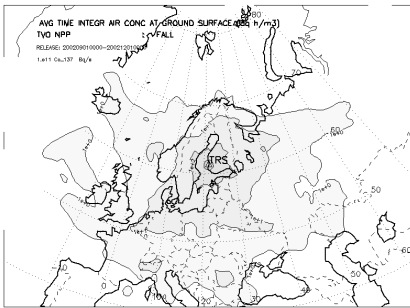
(Sum)



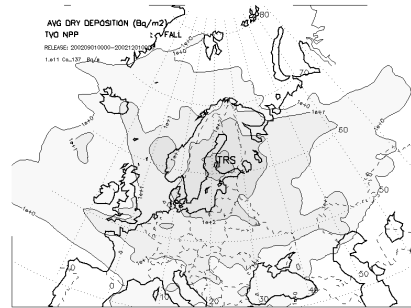
(Sum)



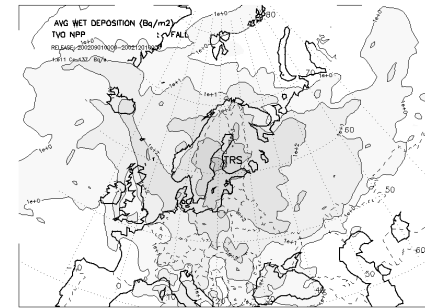
(Sum)



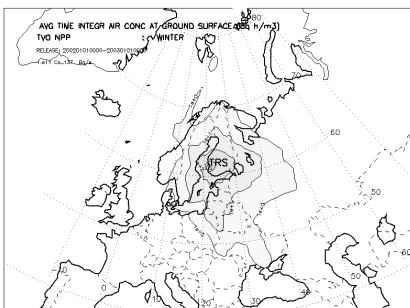
(Fal)



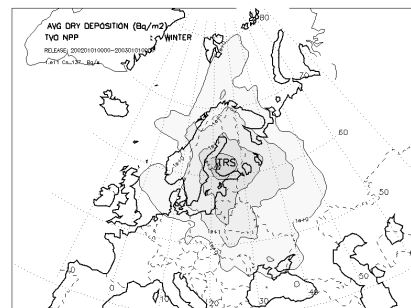
(Fal)



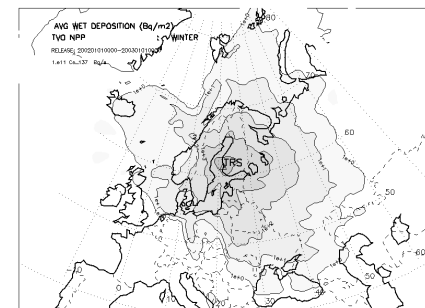
(Fal)



(Win)



(Win)



(Win)

**Seasonal Variations of Summary Fields for  
Time Integrated Air Concentration,  
Dry Deposition and Wet Deposition of  $^{137}\text{Cs}$   
for the Nuclear Risk Sites  
in the Euro-Arctic Region**

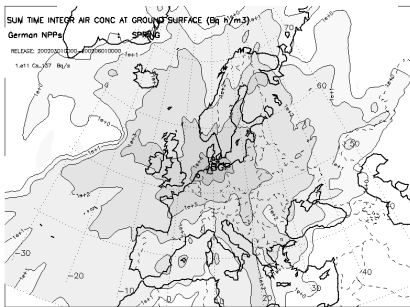


# FOR THE BLOCK OF THE GERMAN NPPs

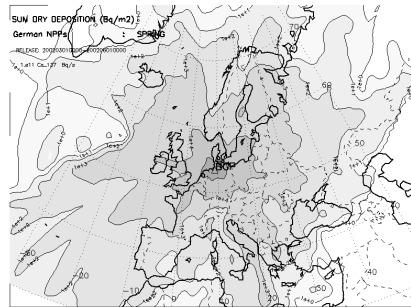
Time Integrated Air Concentration

Dry Deposition

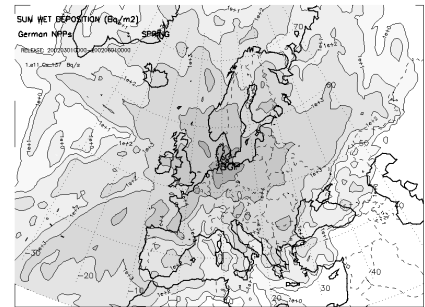
Wet Deposition



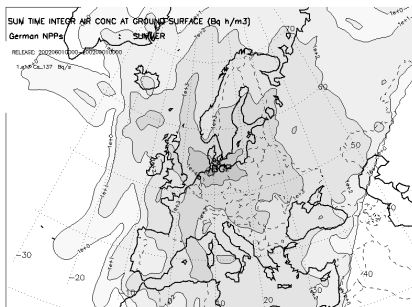
(Spr)



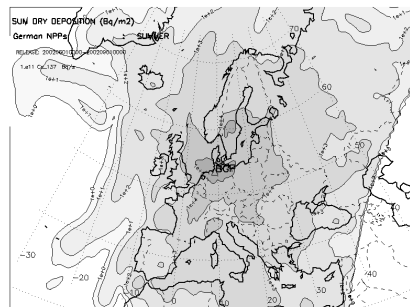
(Spr)



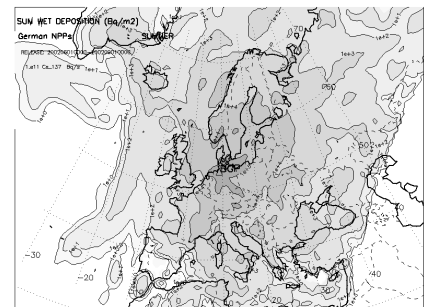
(Spr)



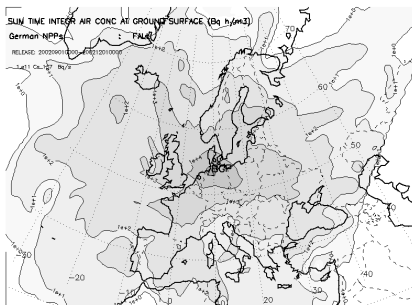
(Sum)



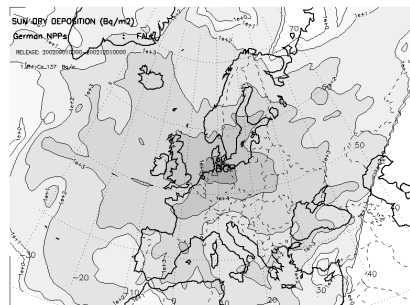
(Sum)



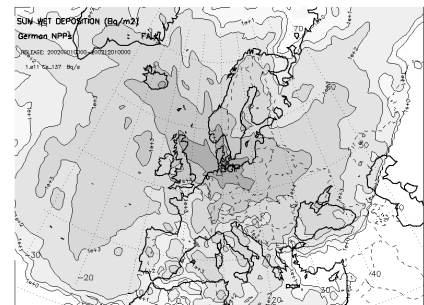
(Sum)



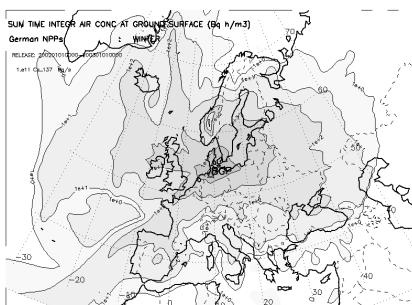
(Fal)



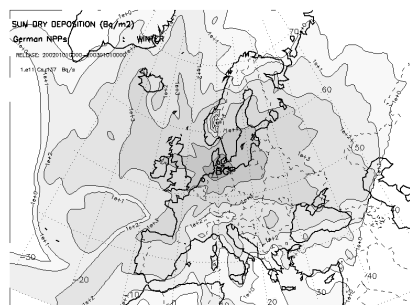
(Fal)



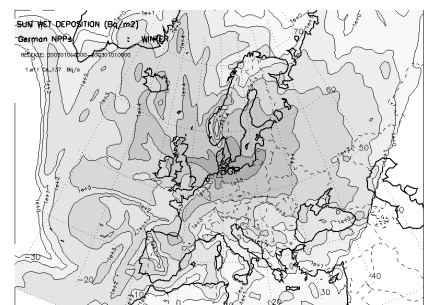
(Fal)



(Win)



(Win)



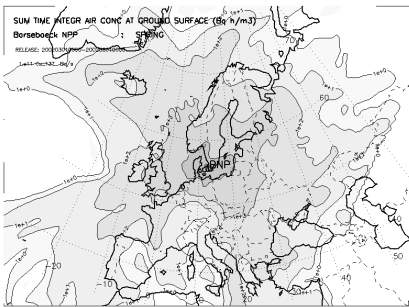
(Win)

# FOR THE BARSEBAECK NPP

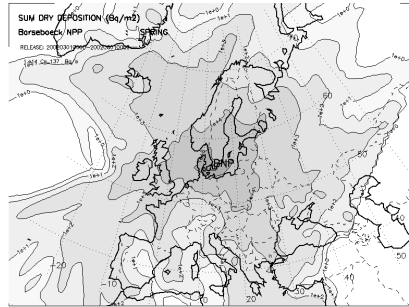
Time Integrated Air Concentration

Dry Deposition

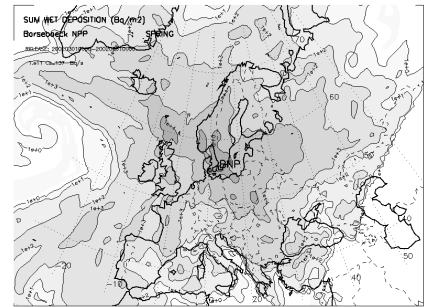
Wet Deposition



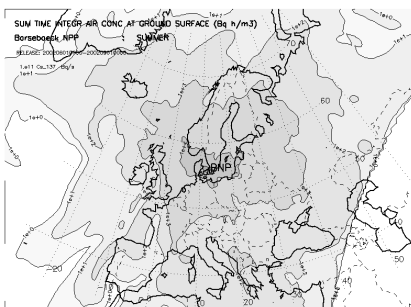
(Spr)



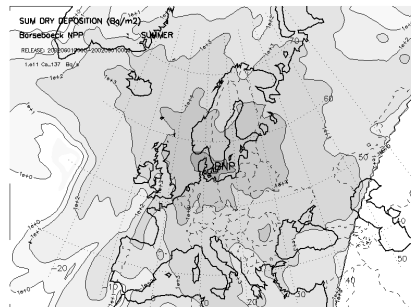
(Spr)



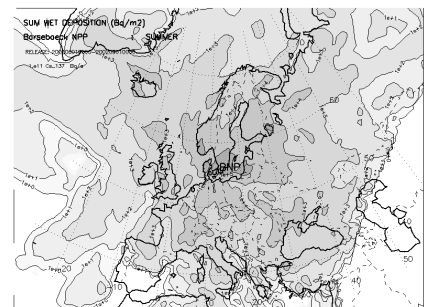
(Spr)



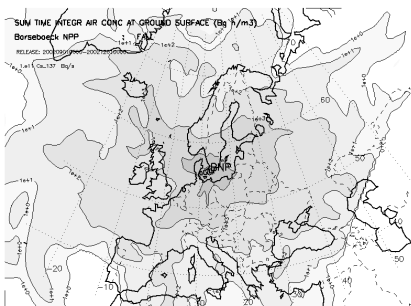
(Sum)



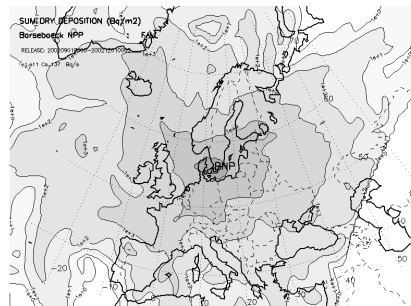
(Sum)



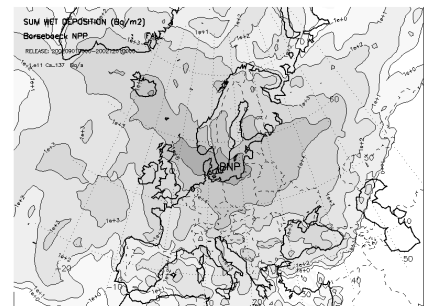
(Sum)



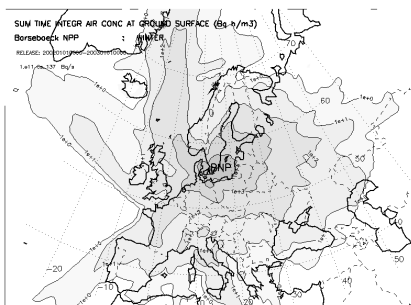
(Fal)



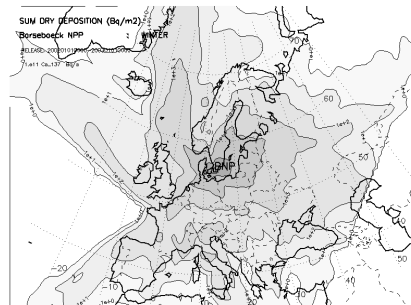
(Fal)



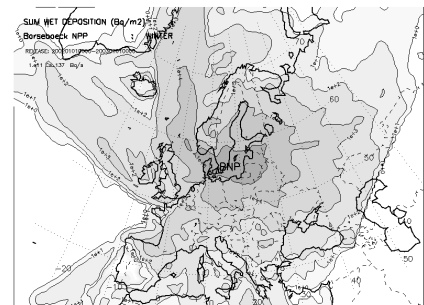
(Fal)



(Win)



(Win)



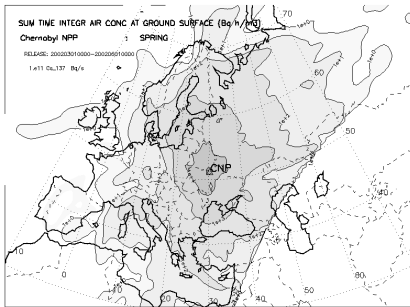
(Win)

# FOR THE CHERNOBYL NPP

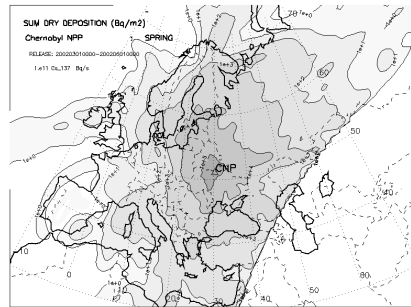
Time Integrated Air Concentration

Dry Deposition

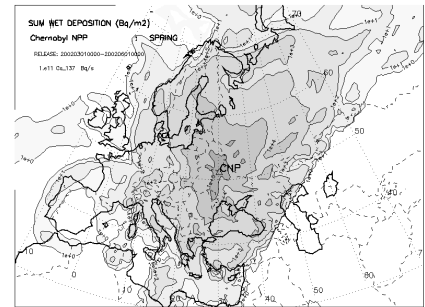
Wet Deposition



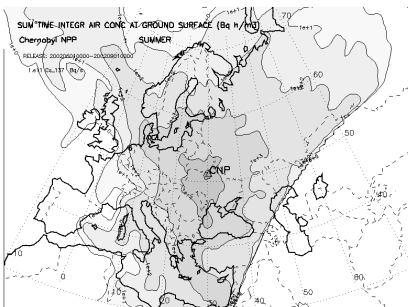
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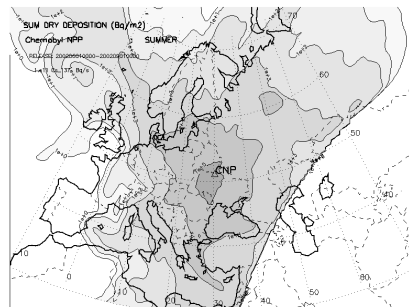
(Spr)



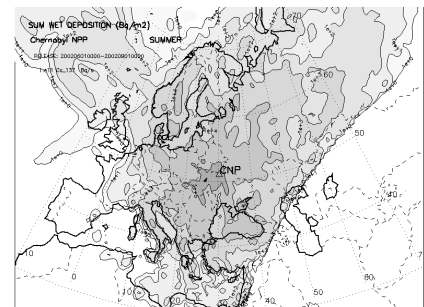
(Spr)



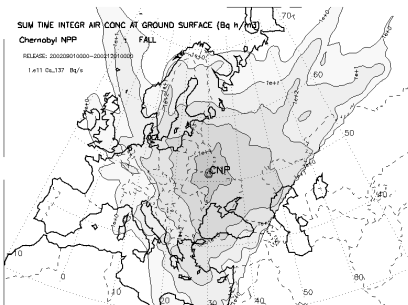
(Sum)



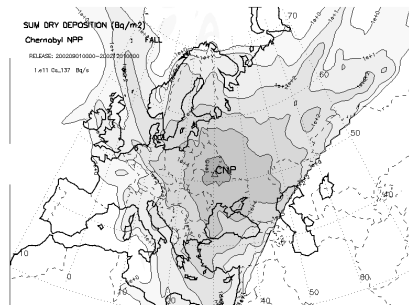
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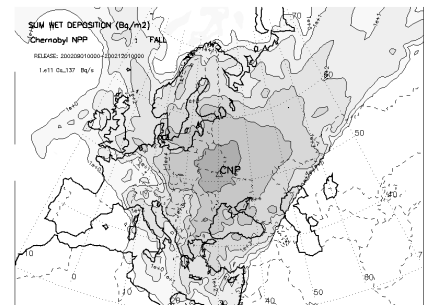
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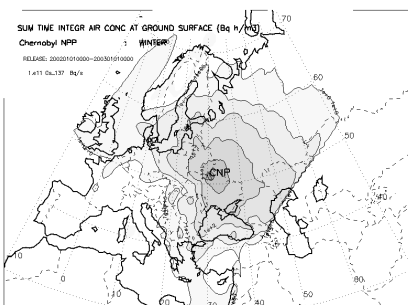
(Fal)



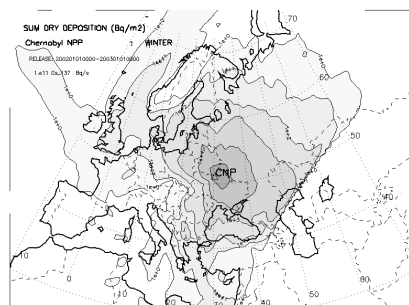
(Fal)



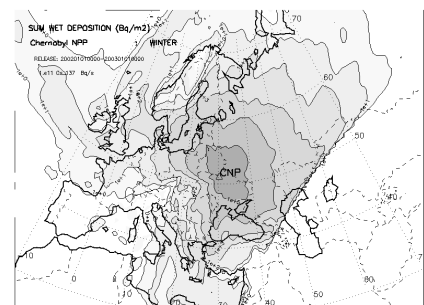
(Fal)



(Win)



(Win)



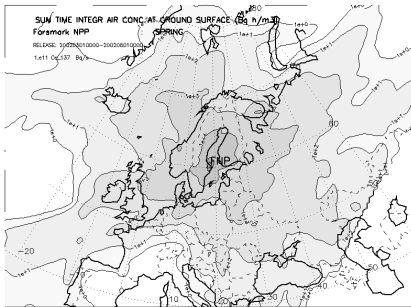
(Win)

# FOR THE FORSMARK NPP

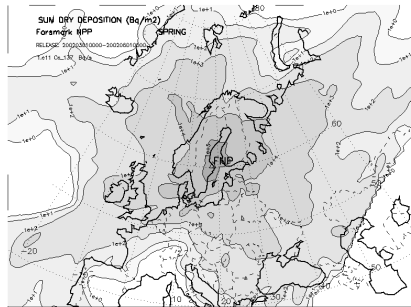
Time Integrated Air Concentration

Dry Deposition

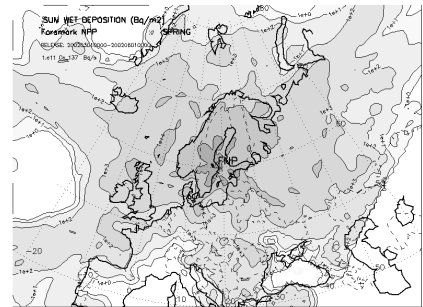
Wet Deposition



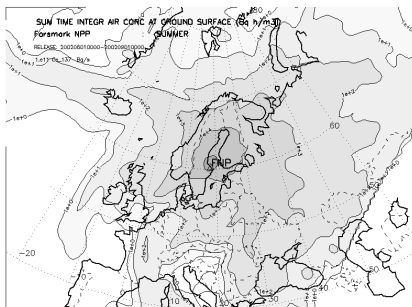
(Spr)



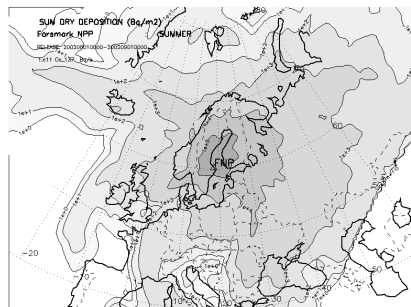
(Spr)



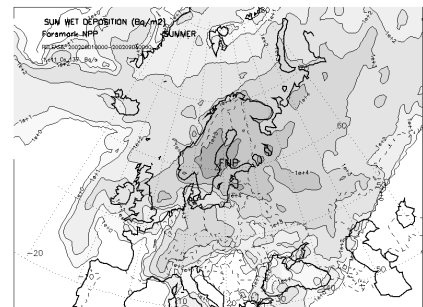
(Spr)



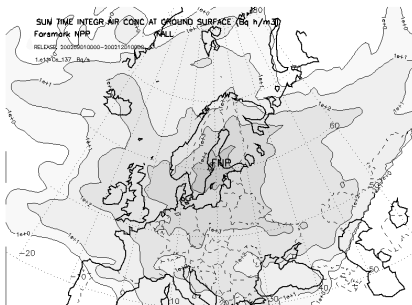
(Sum)



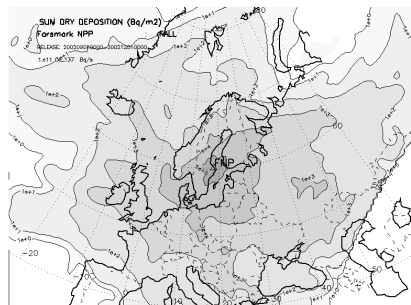
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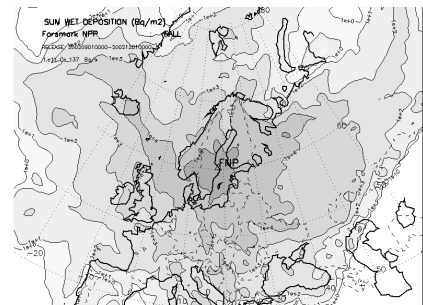
(Sum)



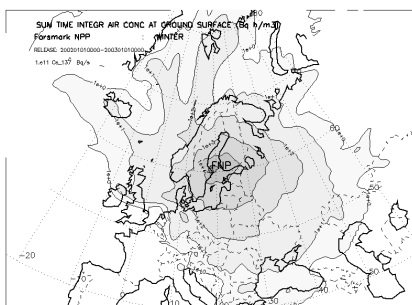
(Fal)



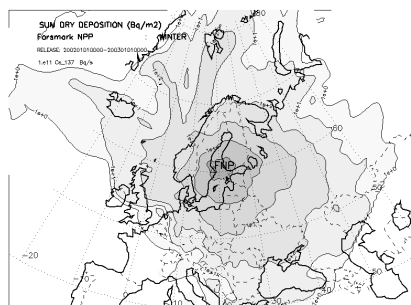
(Fal)



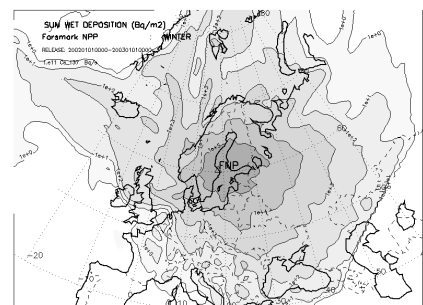
(Fal)



(Win)



(Win)



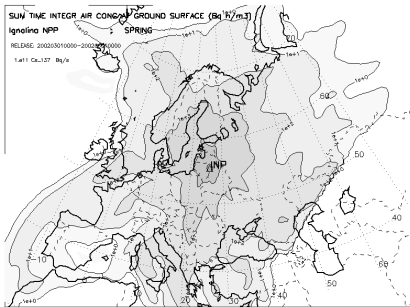
(Win)

# FOR THE IGNALINA NPP

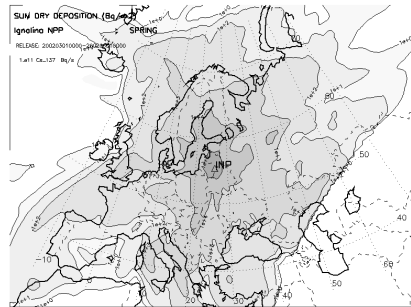
Time Integrated Air Concentration

Dry Deposition

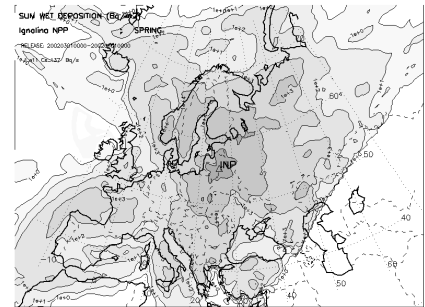
Wet Deposition



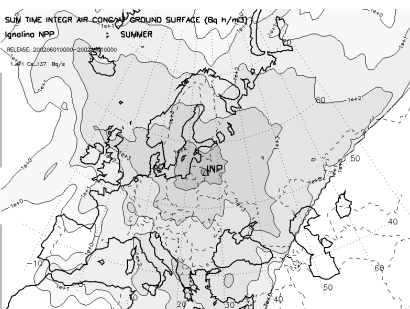
(Spr)



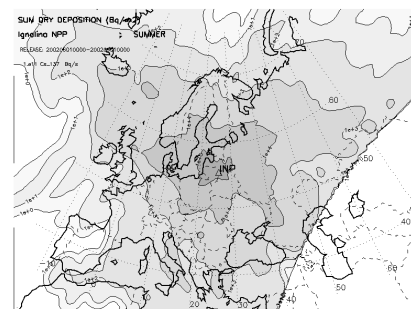
(Spr)



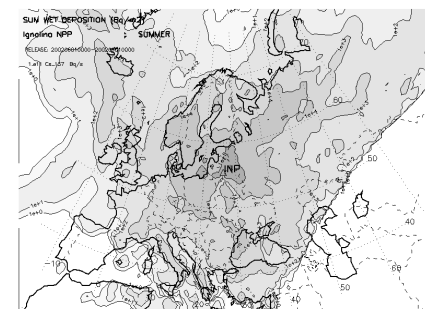
(Spr)



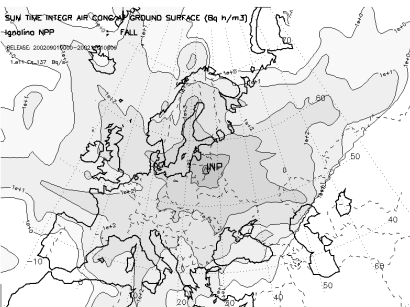
(Sum)



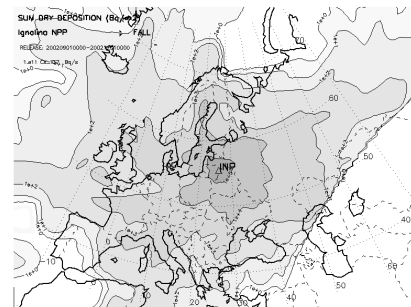
(Sum)



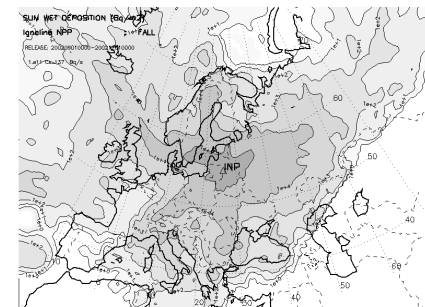
(Sum)



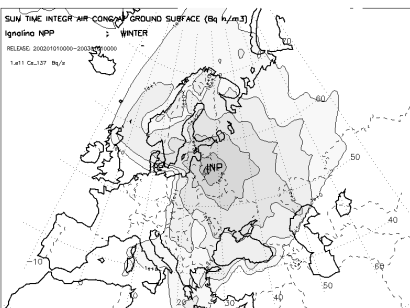
(Fal)



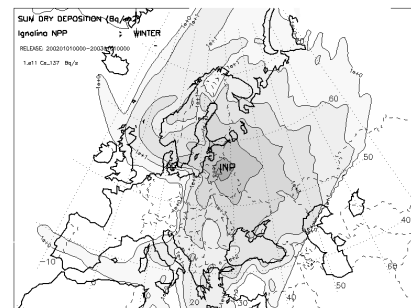
(Fal)



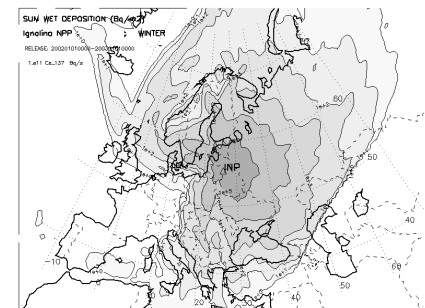
(Fal)



(Win)



(Win)



(Win)

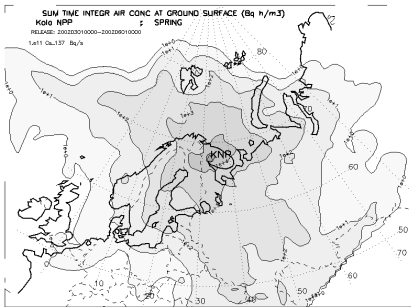


# FOR THE KOLA NPP

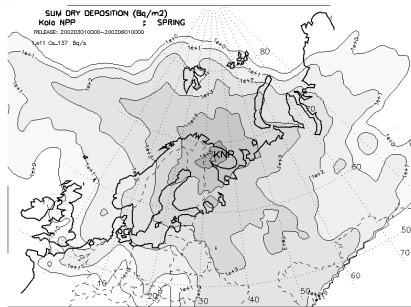
## Time Integrated Air Concentration

## Dry Deposition

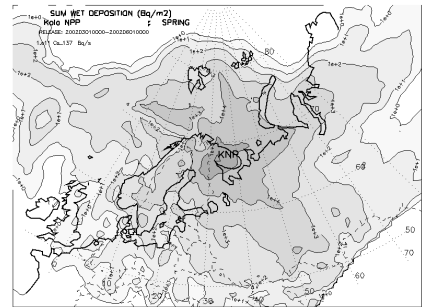
## Wet Deposition



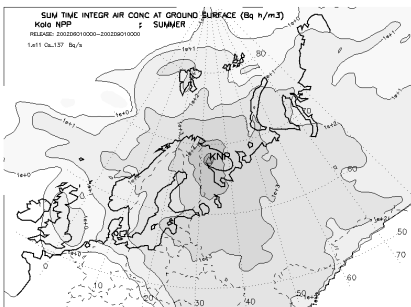
(Spr)



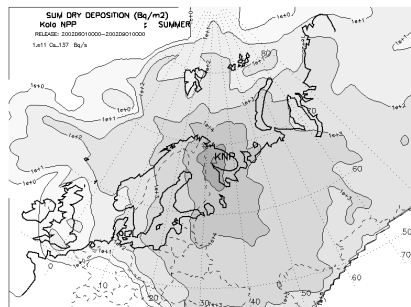
(Spr)



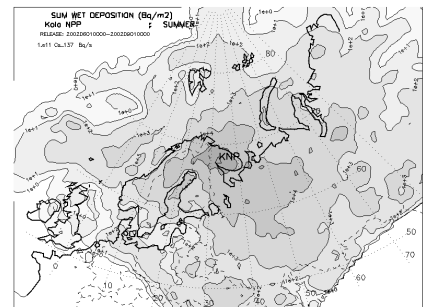
(Spr)



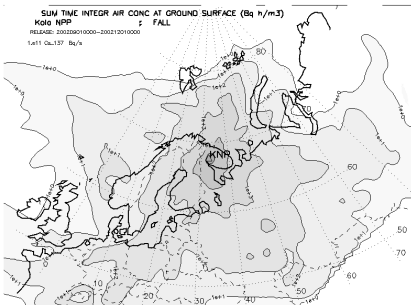
(Sum)



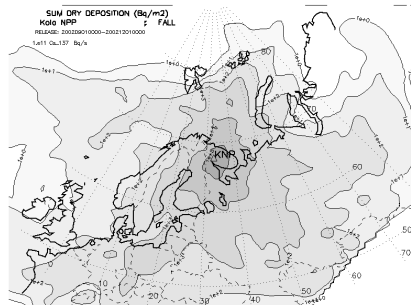
(Sum)



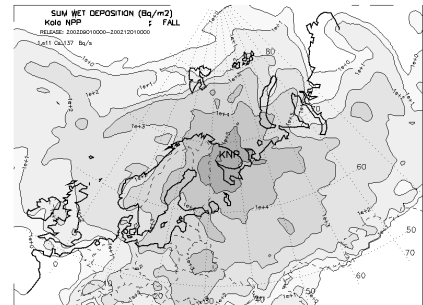
(Sum)



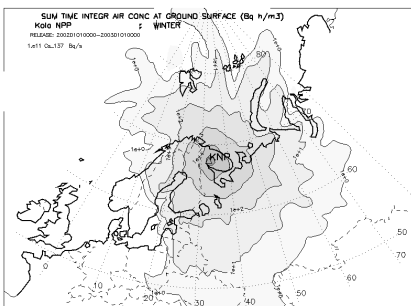
(Fal)



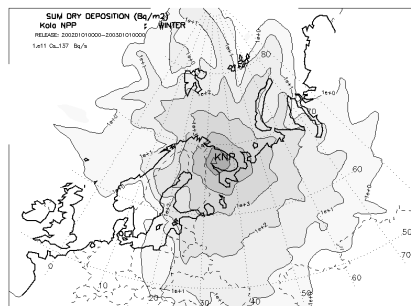
(Fal)



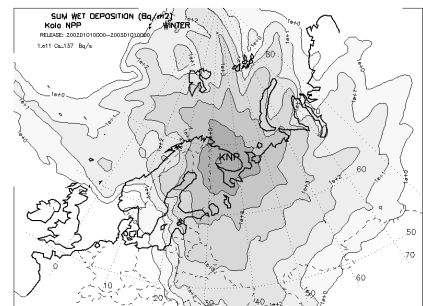
(Fal)



(Win)



(Win)



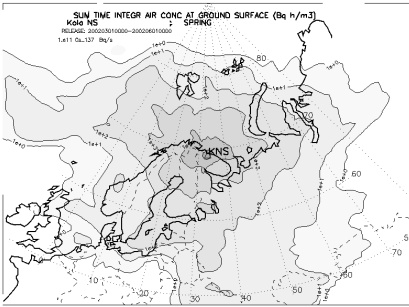
(Win)

# FOR THE KOLA NRS

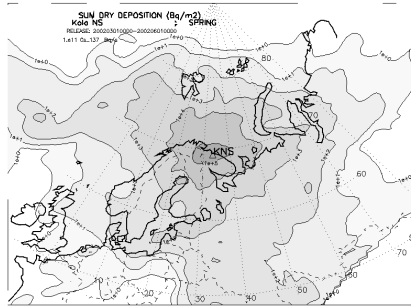
Time Integrated Air Concentration

Dry Deposition

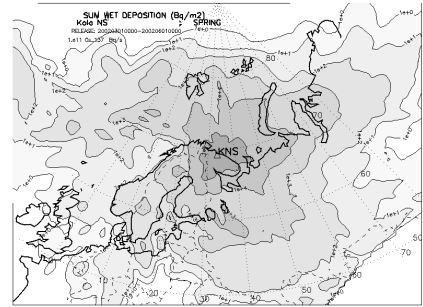
Wet Deposition



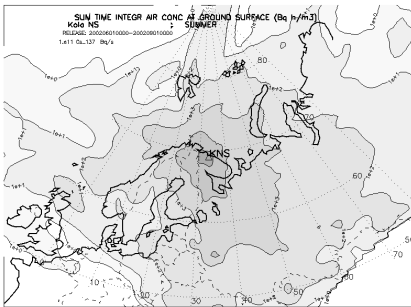
(Spr)



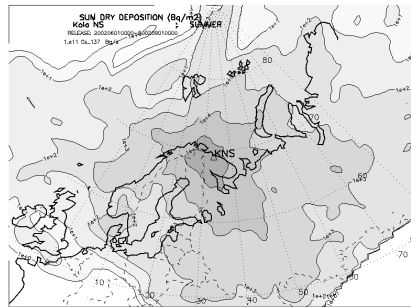
(Spr)



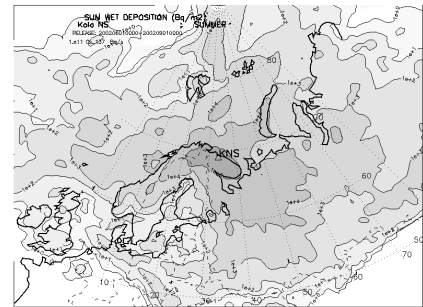
(Spr)



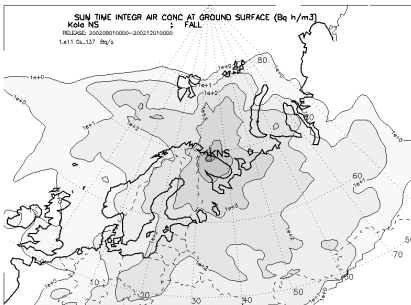
(Sum)



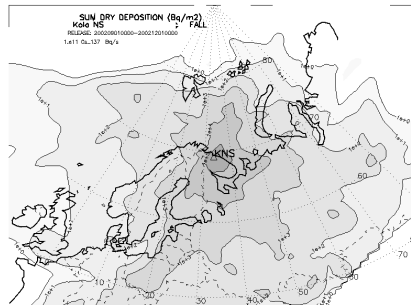
(Sum)



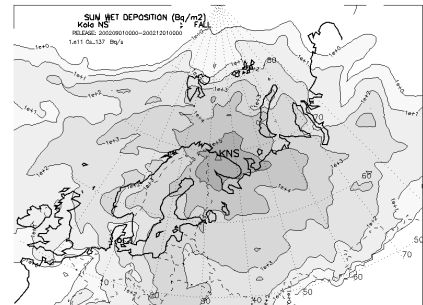
(Sum)



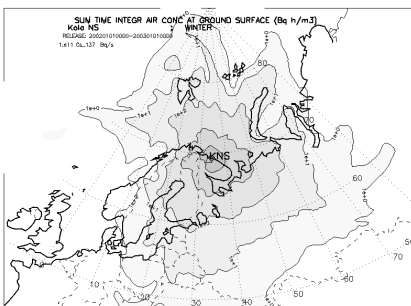
(Fal)



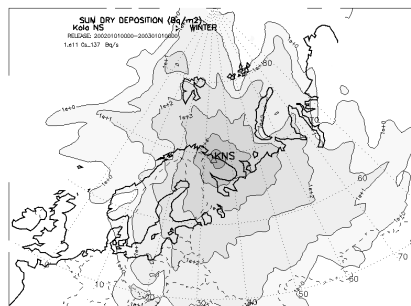
(Fal)



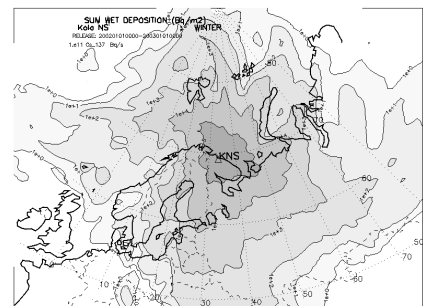
(Fal)



(Win)



(Win)



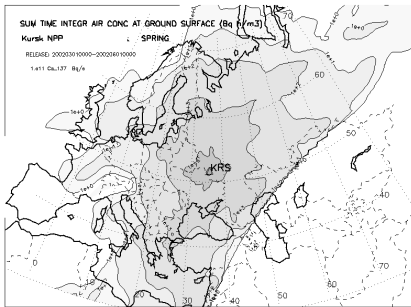
(Win)

# FOR THE KURSK NPP

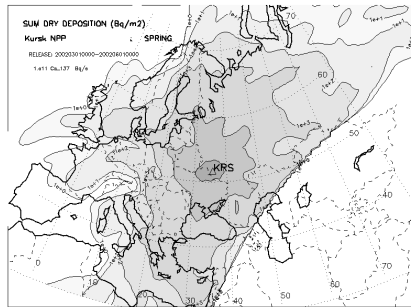
Time Integrated Air Concentration

Dry Deposition

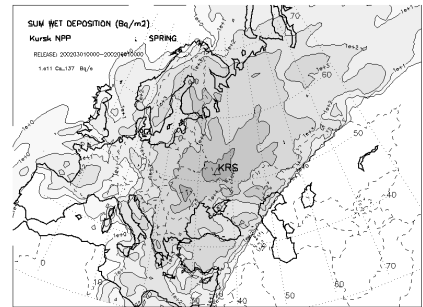
Wet Deposition



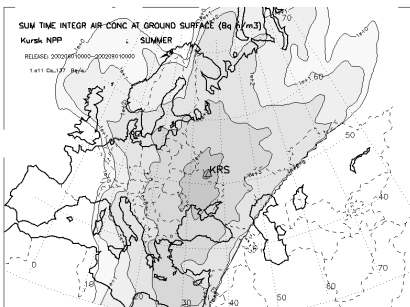
(Spr)



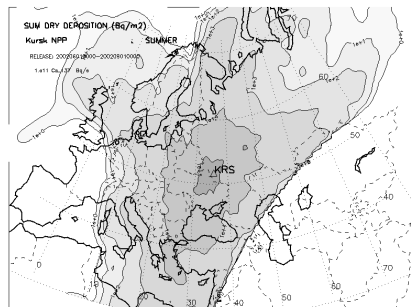
(Spr)



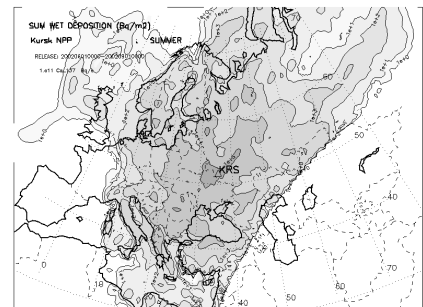
(Spr)



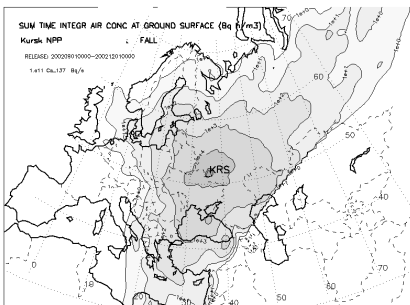
(Sum)



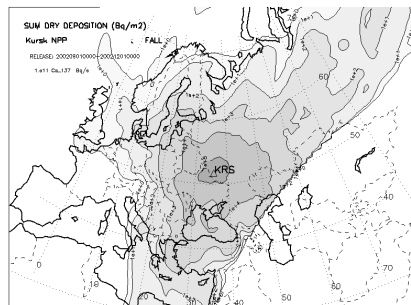
(Sum)



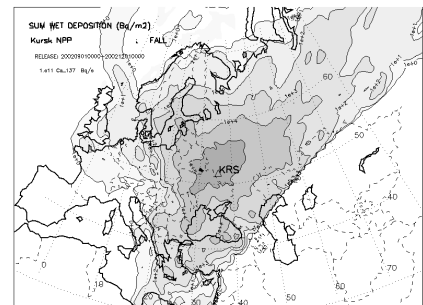
(Sum)



(Fal)



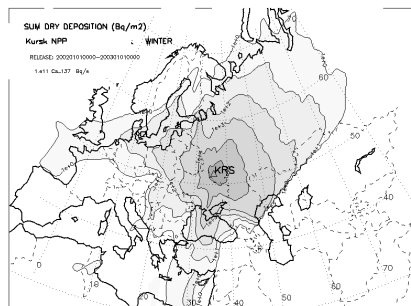
(Fal)



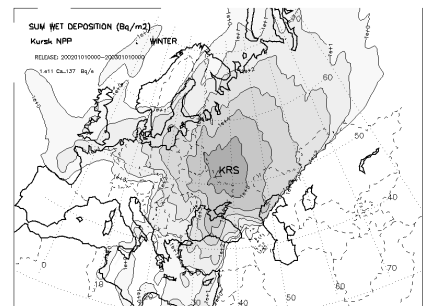
(Fal)



(Win)



(Win)



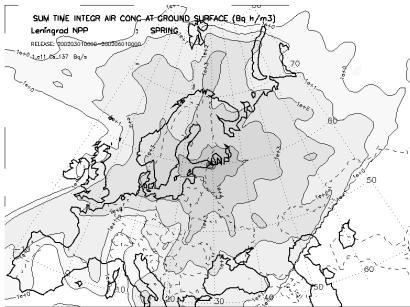
(Win)

# FOR THE LENINGRAD NPP

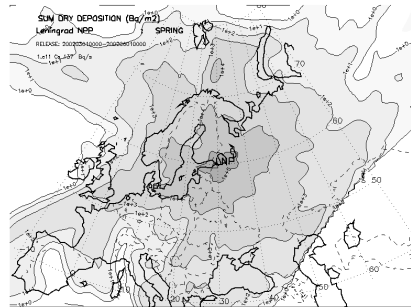
Time Integrated Air Concentration

Dry Deposition

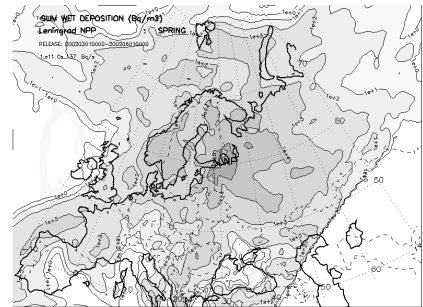
Wet Deposition



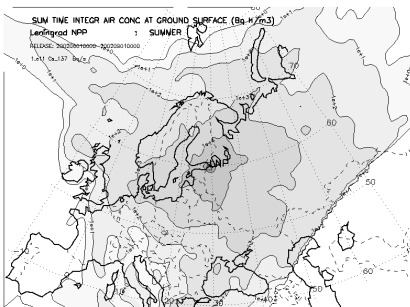
(Spr)



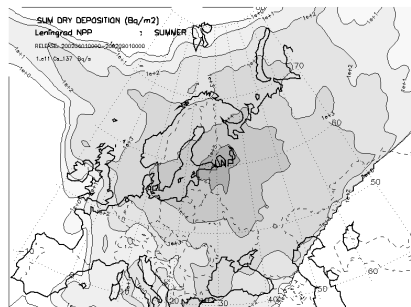
(Spr)



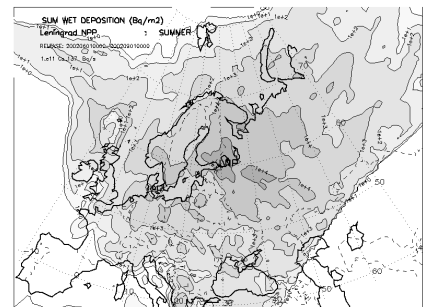
(Spr)



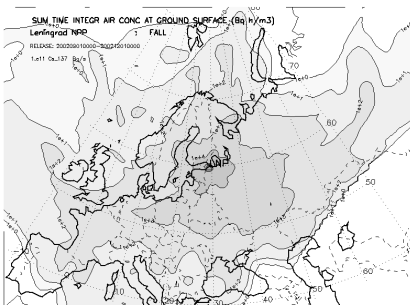
(Sum)



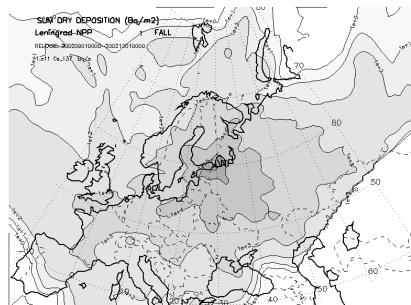
(Sum)



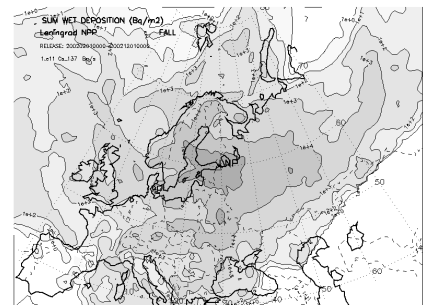
(Sum)



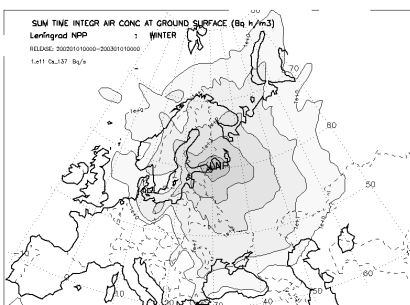
(Fal)



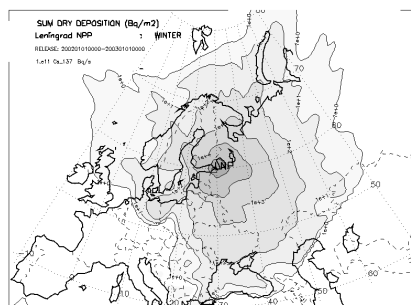
(Fal)



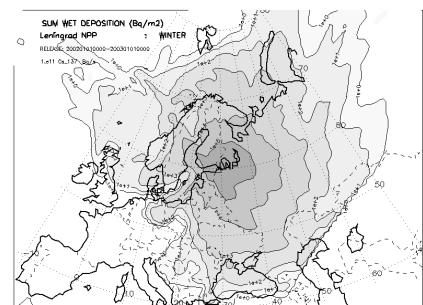
(Fal)



(Win)



(Win)



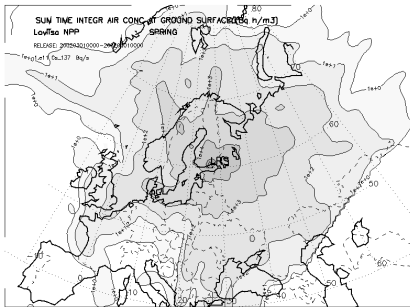
(Win)

# FOR THE LOVIISA NPP

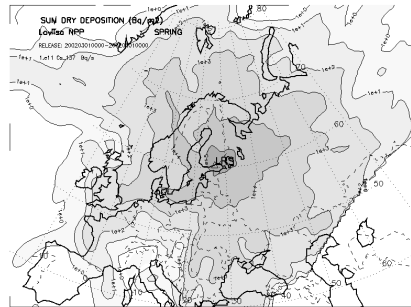
Time Integrated Air Concentration

Dry Deposition

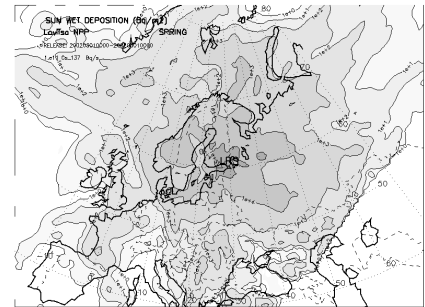
Wet Deposition



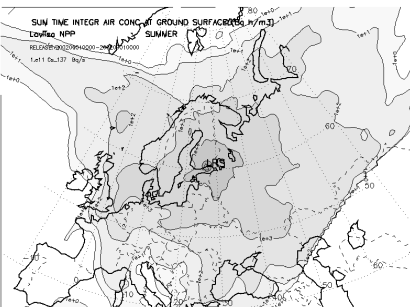
(Spr)



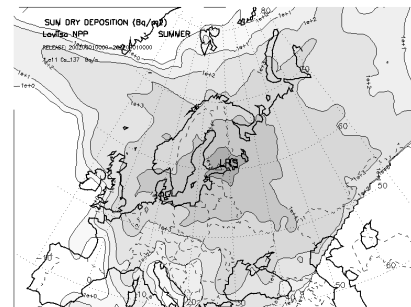
(Spr)



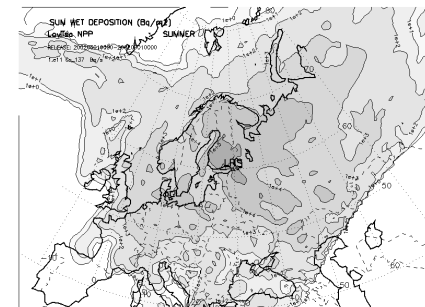
(Spr)



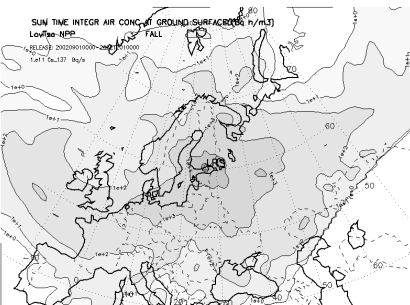
(Sum)



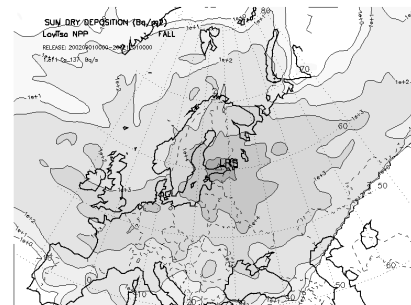
(Sum)



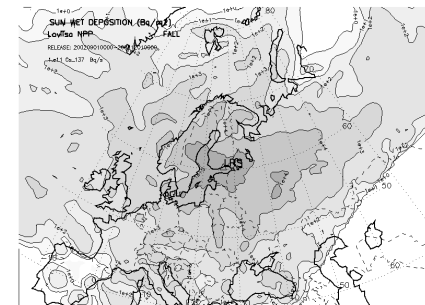
(Sum)



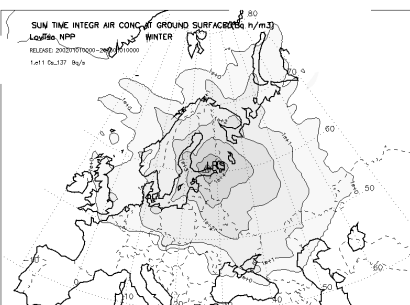
(Fal)



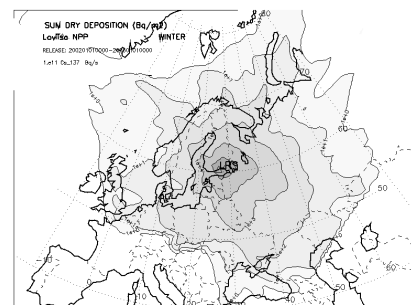
(Fal)



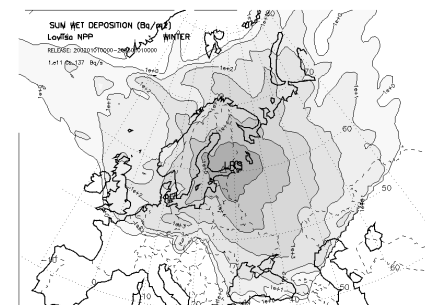
(Fal)



(Win)



(Win)



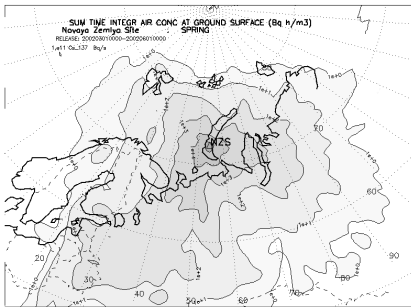
(Win)

# FOR THE NOVAYA ZEMLYA TEST SITE

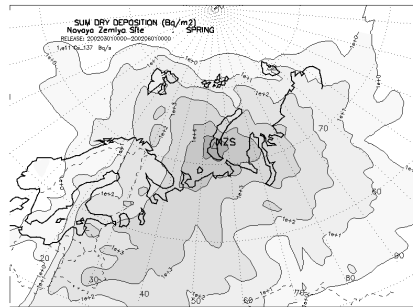
## Time Integrated Air Concentration

## Dry Deposition

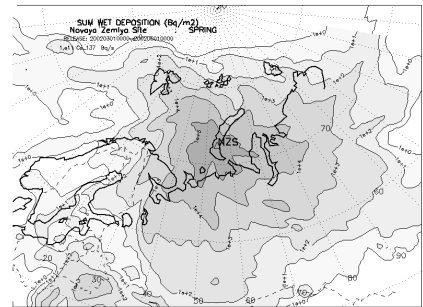
## Wet Deposition



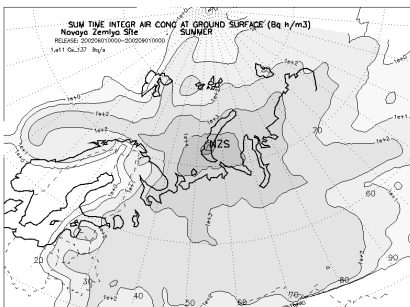
(Spr)



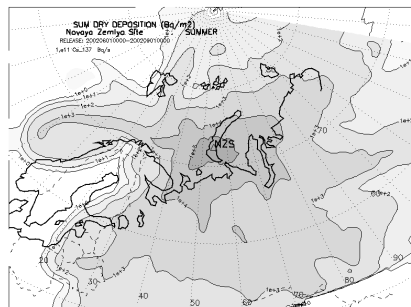
(Spr)



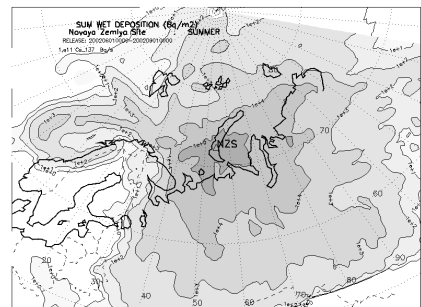
(Spr)



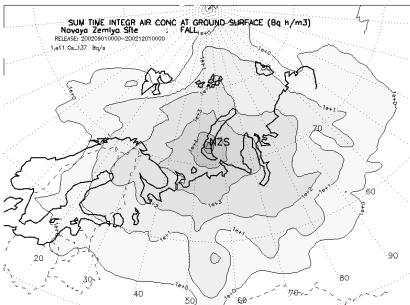
(Sum)



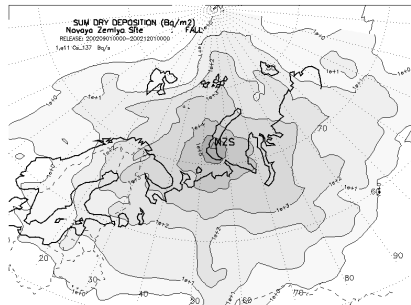
(Sum)



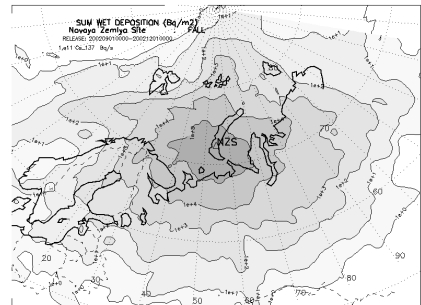
(Sum)



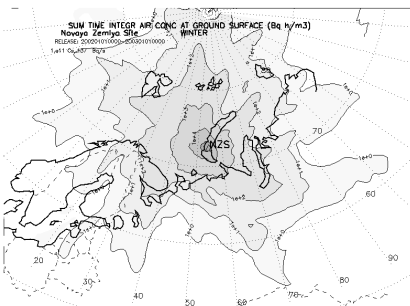
(Fal)



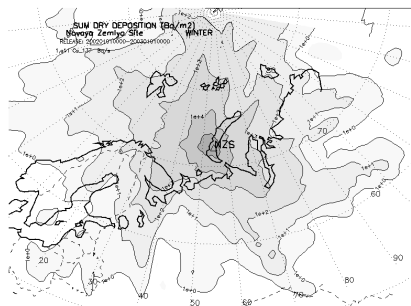
(Fal)



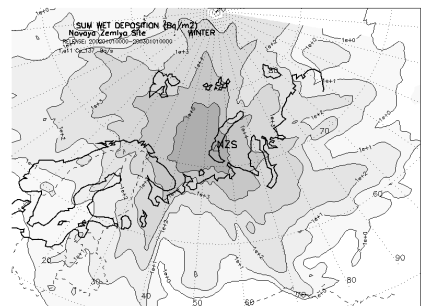
(Fal)



(Win)



(Win)



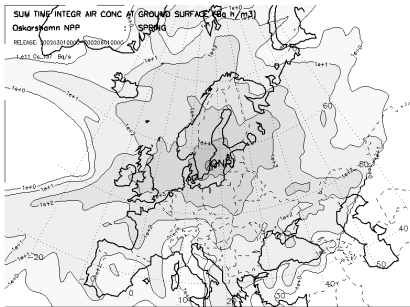
(Win)

# FOR THE OSKARSHAMN NPP

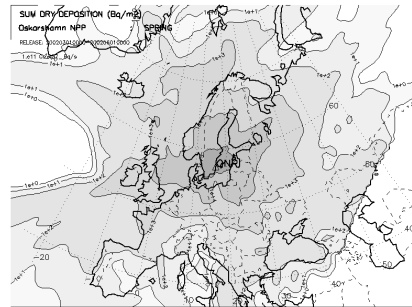
Time Integrated Air Concentration

Dry Deposition

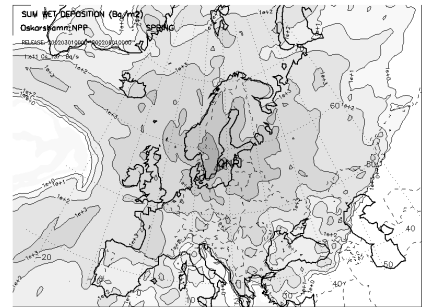
Wet Deposition



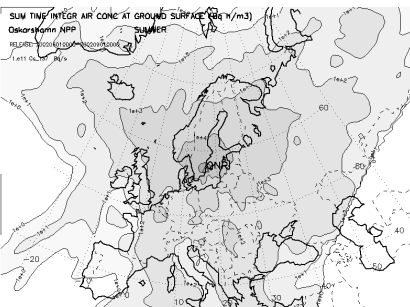
(Spr)



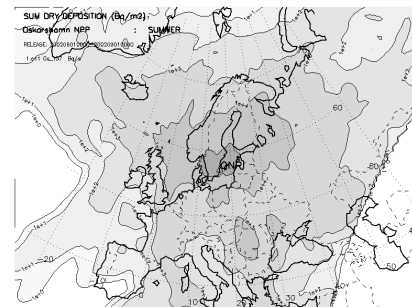
(Spr)



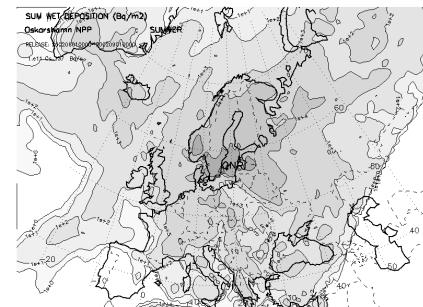
(Spr)



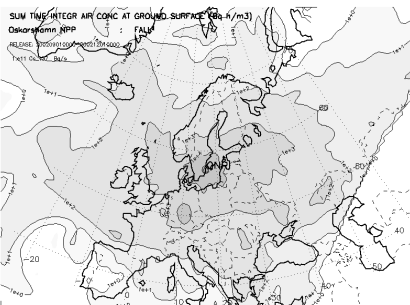
(Sum)



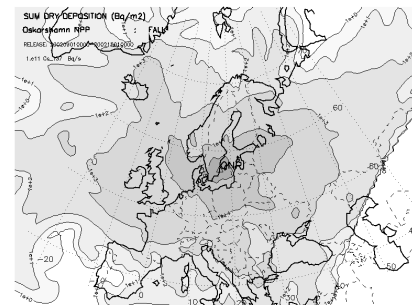
(Sum)



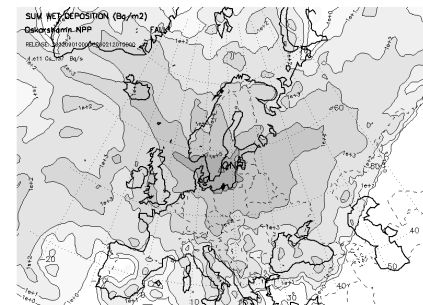
(Sum)



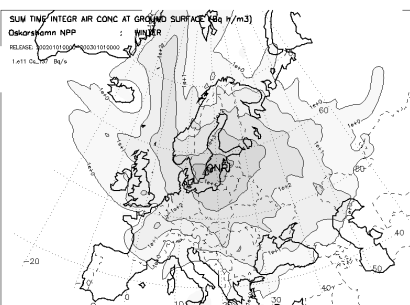
(Fal)



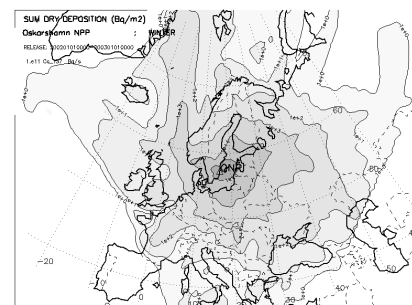
(Fal)



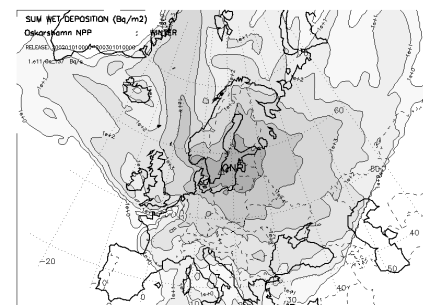
(Fal)



(Win)



(Win)



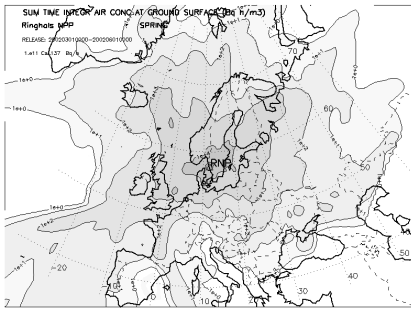
(Win)

# FOR THE RINGHALS NPP

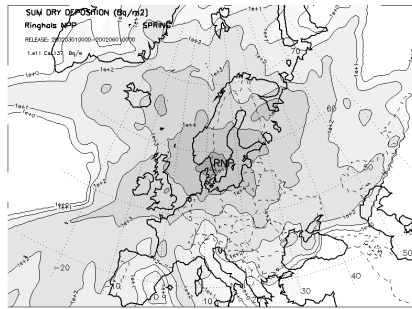
Time Integrated Air Concentration

Dry Deposition

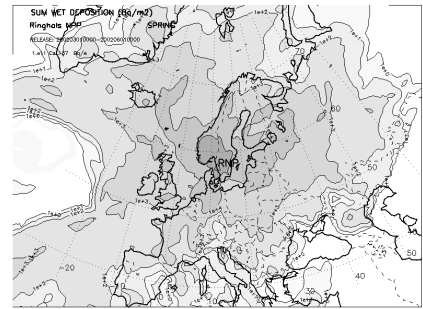
Wet Deposition



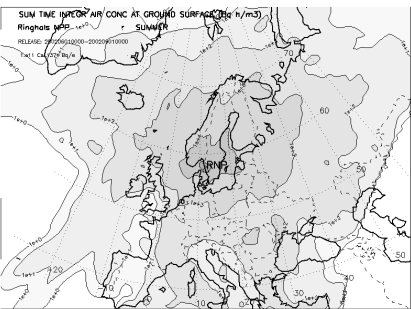
(Spr)



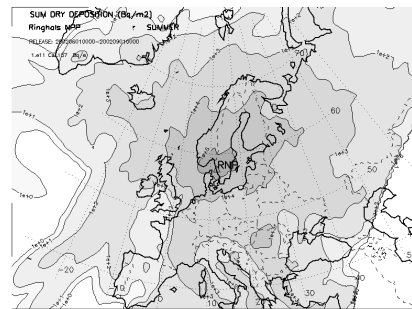
(Spr)



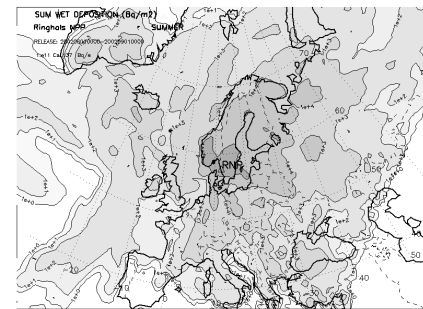
(Spr)



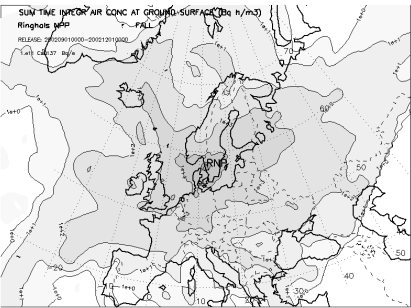
(Sum)



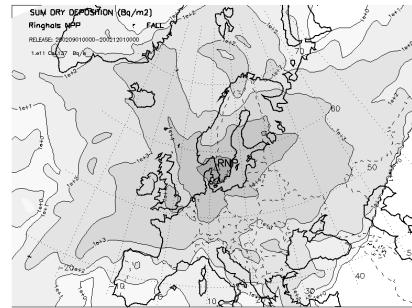
(Sum)



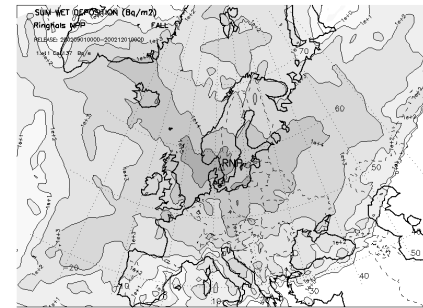
(Sum)



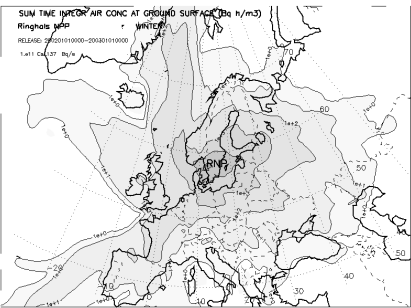
(Fal)



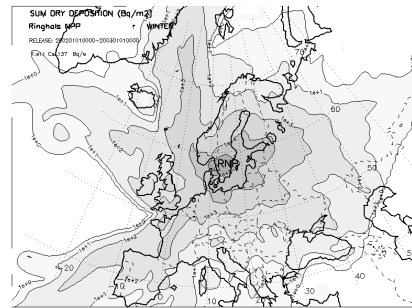
(Fal)



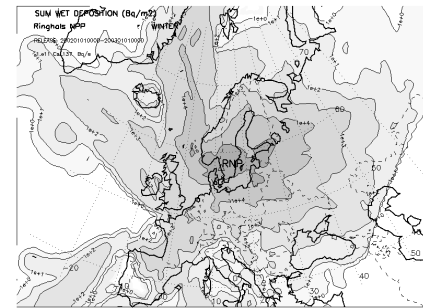
(Fal)



(Win)



(Win)



(Win)

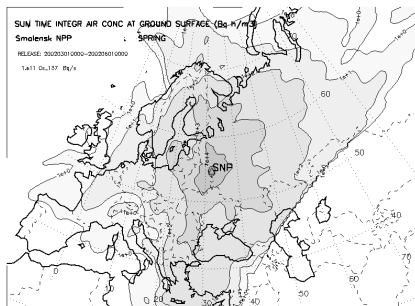


# FOR THE SMOLENSK NPP

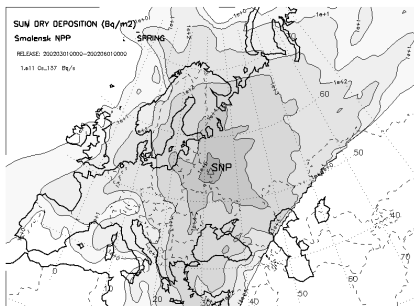
Time Integrated Air Concentration

Dry Deposition

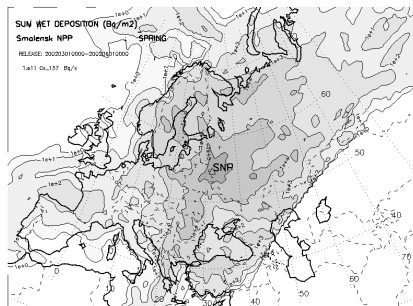
Wet Deposition



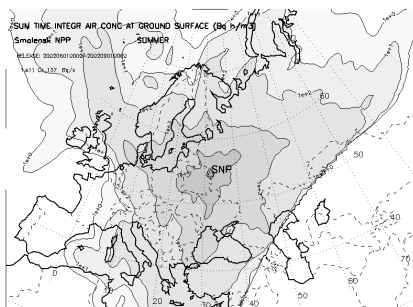
(Spr)



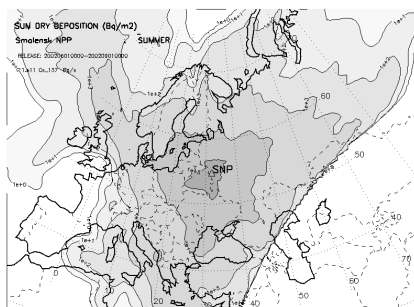
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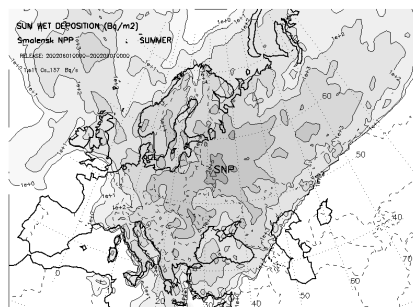
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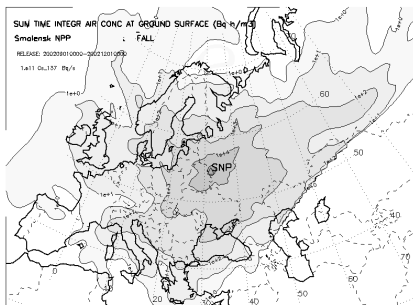
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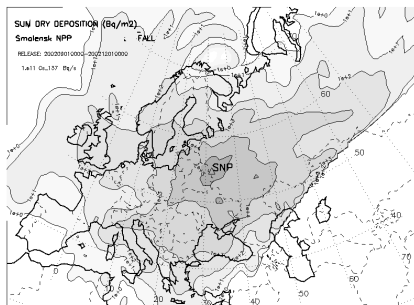
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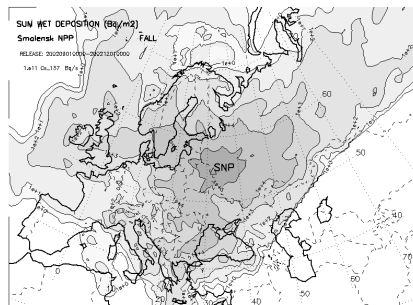
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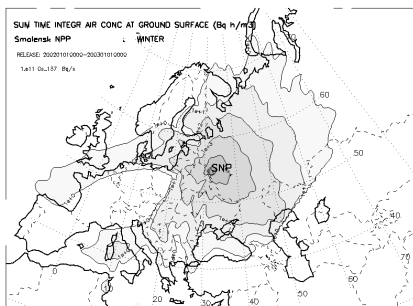
(Fal)



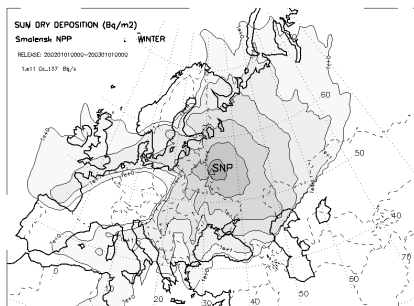
(Fal)



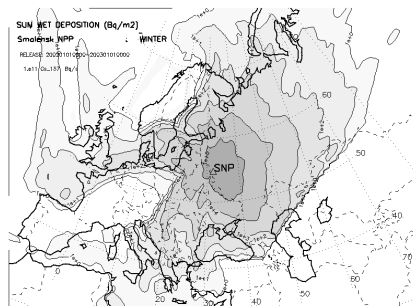
(Fal)



(Win)



(Win)



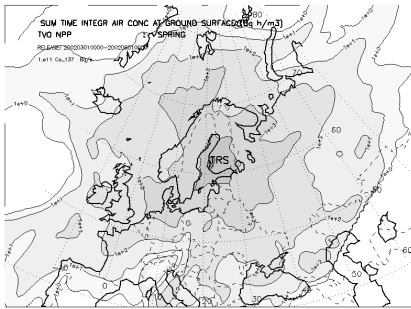
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# FOR THE OLKILUOTO (TVO) NPP

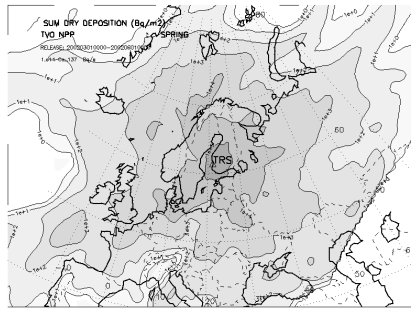
Time Integrated Air Concentration

Dry Deposition

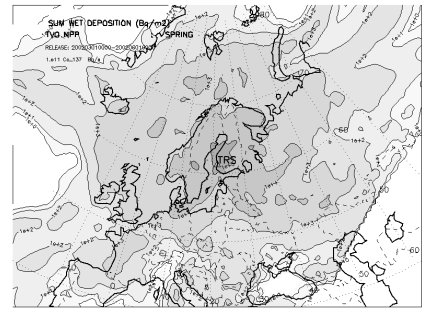
Wet Deposition



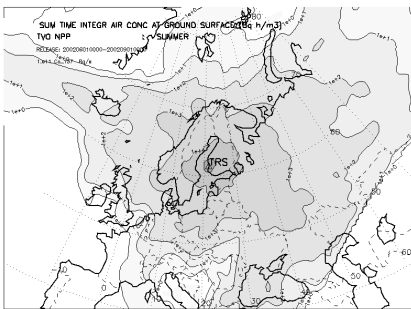
(Spr)



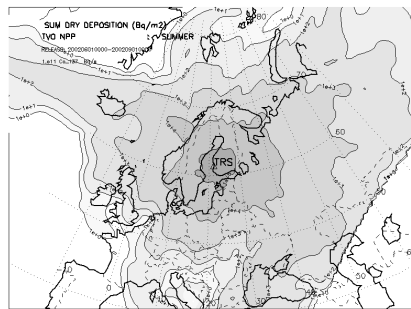
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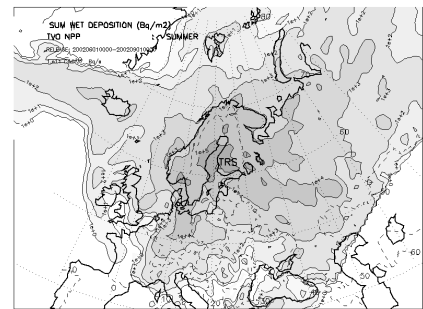
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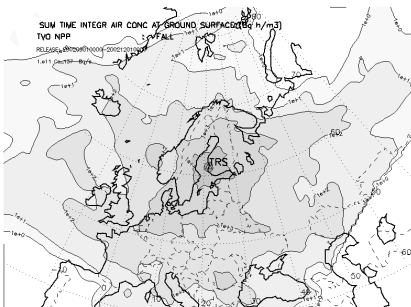
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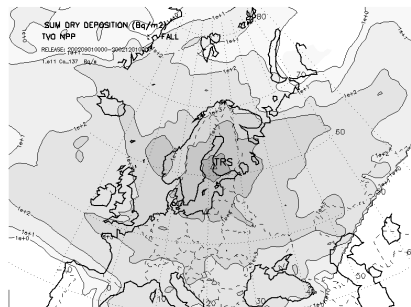
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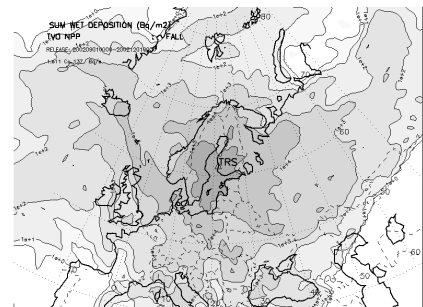
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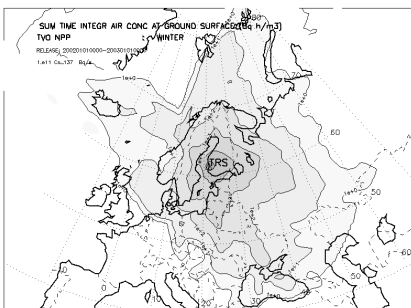
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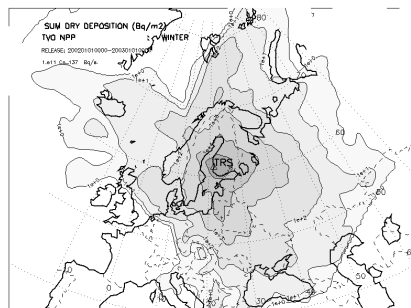
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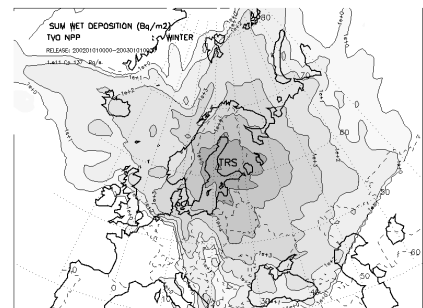
(Fal)



(Win)



(Win)



(Win)