



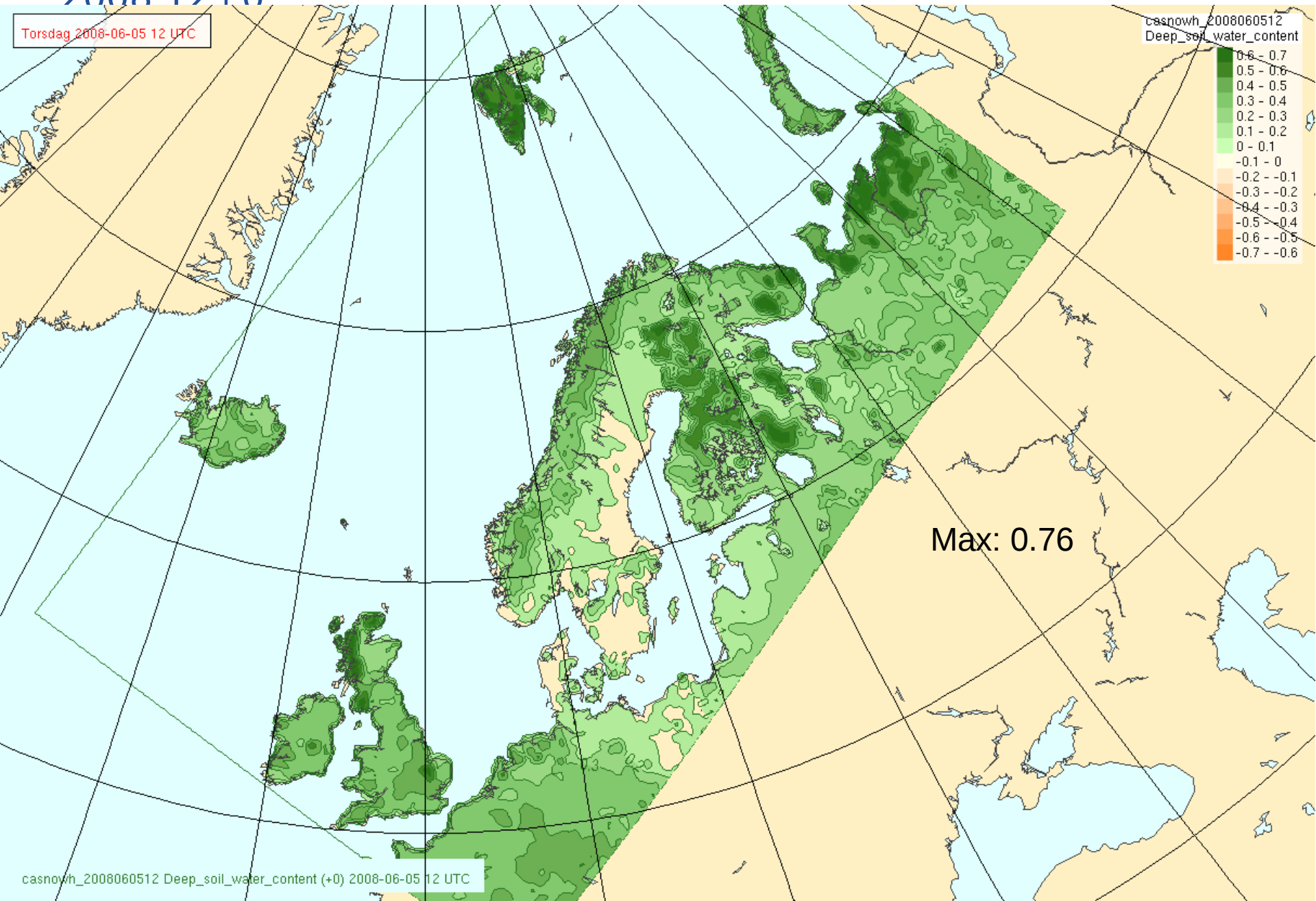
*Norwegian
Meteorological Institute
met.no*

Soil and deep soil water issues - more questions than answers

Roger Randriamampianina and Mariken Homleid
NetFAM working week on surface assimilation working, 16 March 2009

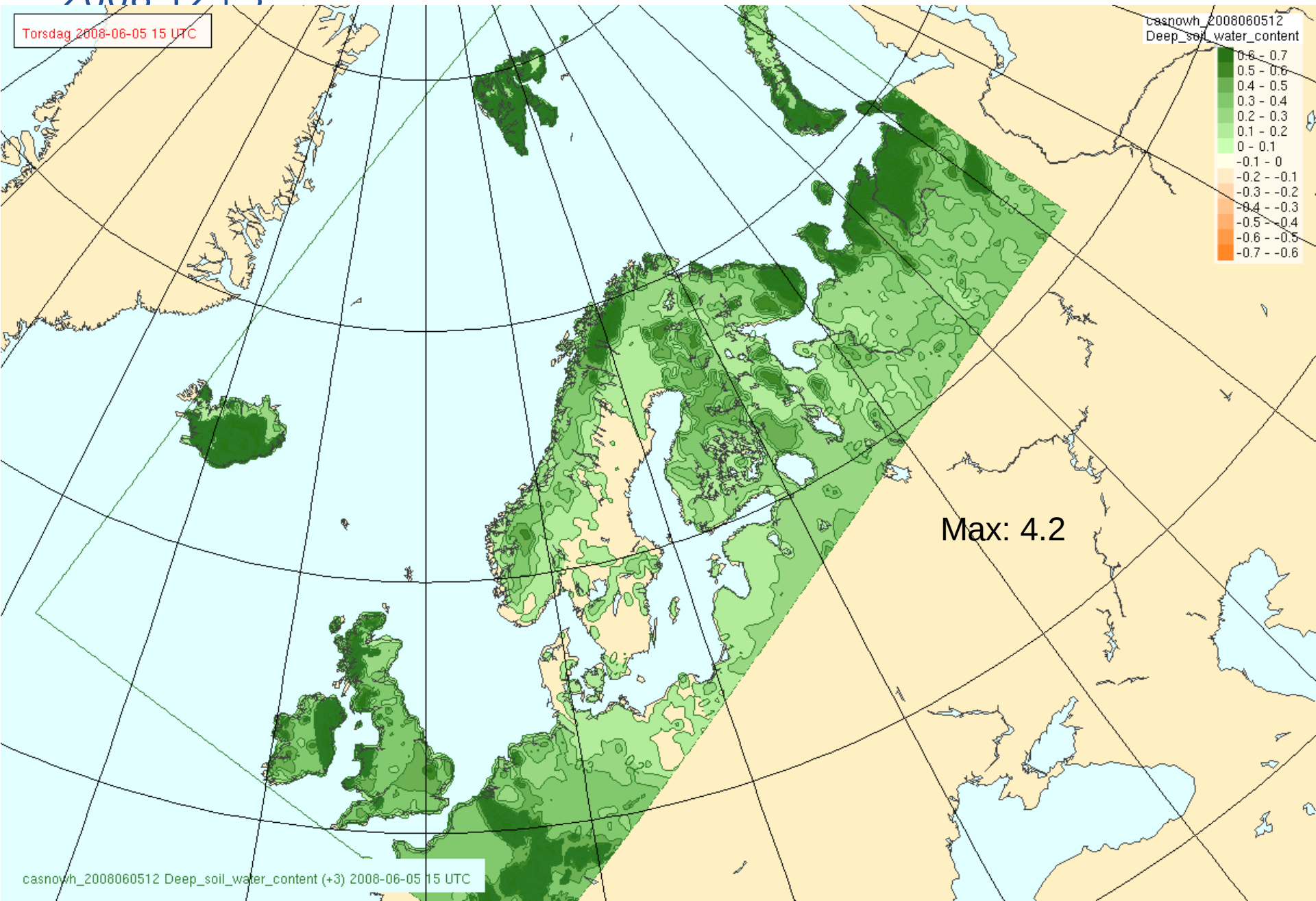
35h1branch Soil water no scaling in ec2ald 5. June

2008 12+0



35h1branch Soil water no scaling in ec2ald 5. June

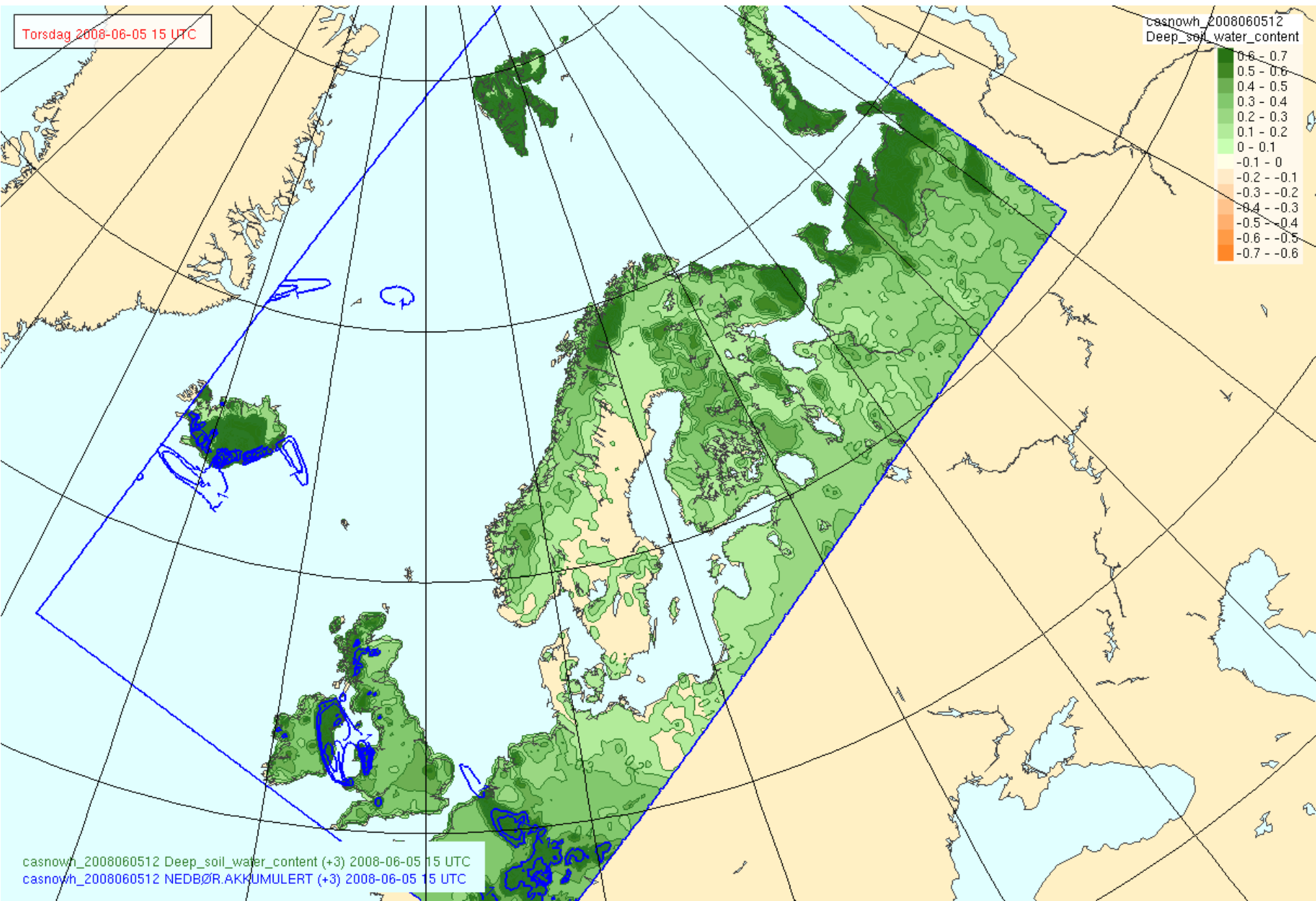
2008 12+3



35h1branch Soil water and 3h precipitation

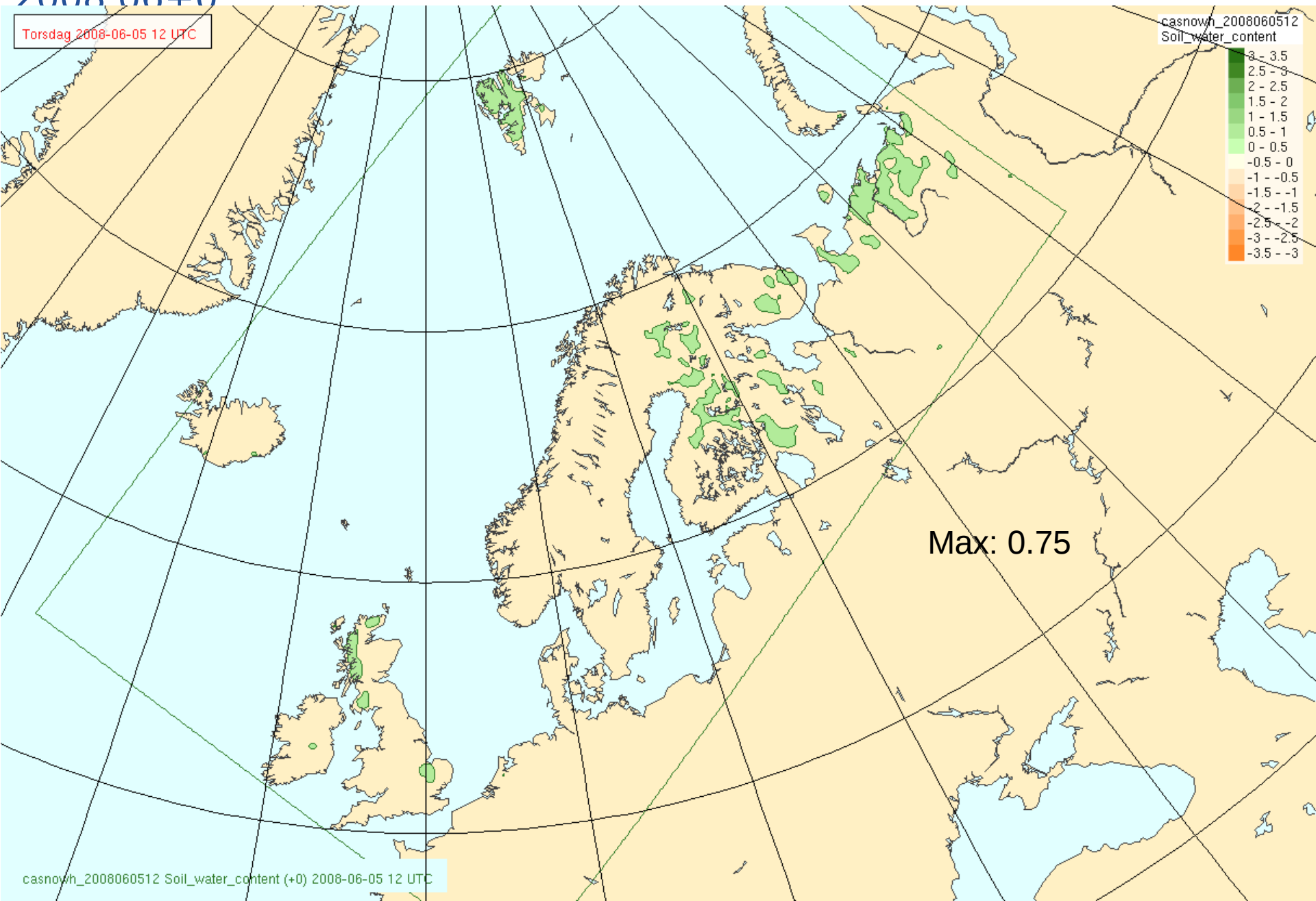
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5. June



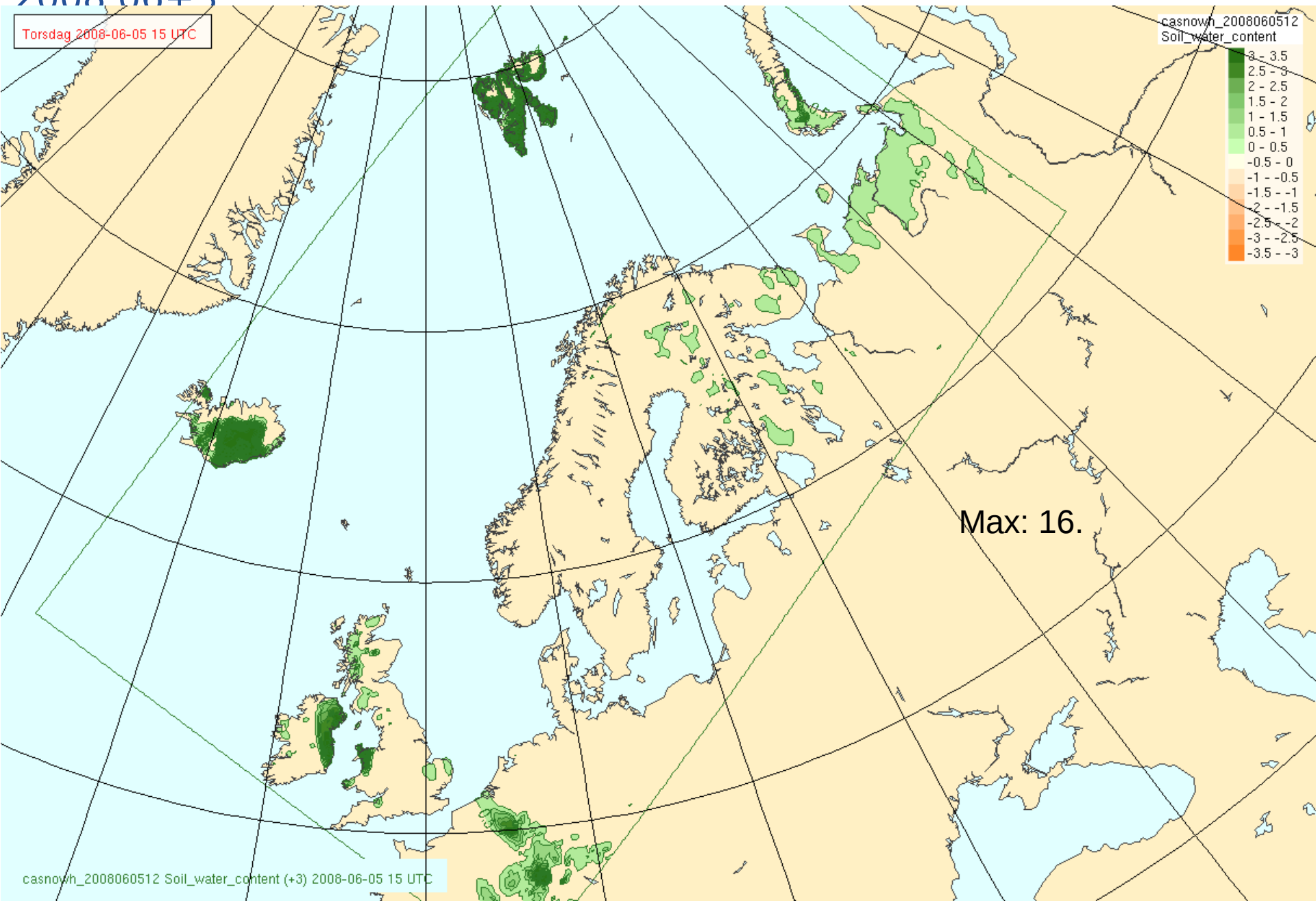
35h1branch Deep soil water no scaling in ec2ald 6. June

2008 06+0



35h1branch Deep soil water no scaling in ec2ald 6. June

2008 06+3

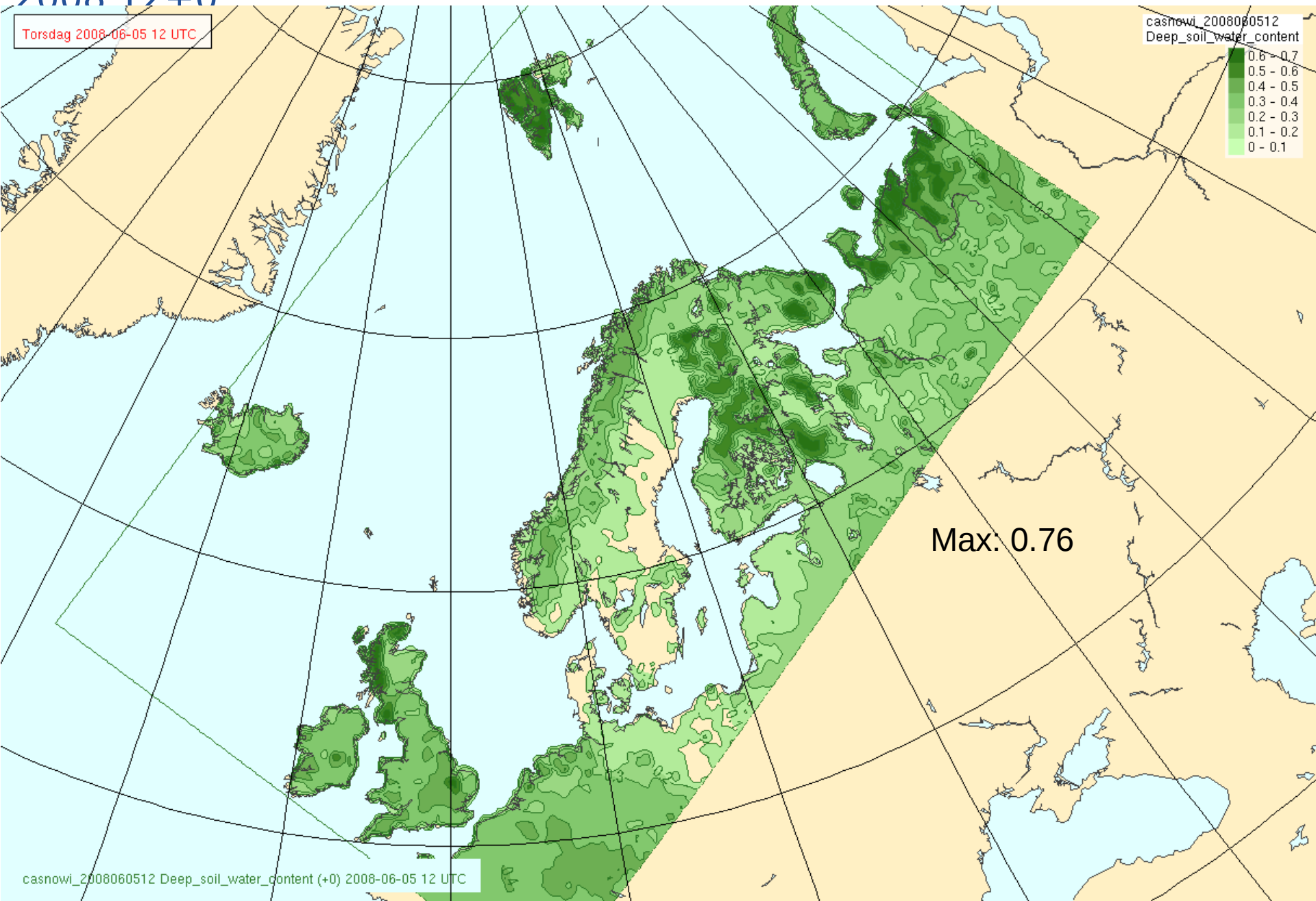


Soil and deep soil water

Model	Scheme		Units	Layer depths
ECMWF	TESSEL-4L	Volumetric water content	m ³ /m ³	1: 0.07 2: 0.21 3: 0.72 4: 1.89
HIRLAM	ISBA-2L	Volumetric water content	m ³ /m ³	1: 0.01 2:
HARMONIE ALADIN ALARO CANARI	ISBA-2L	Soil water content	kg/m ²	1: 0.01???
SURFEX	ISBA-2L			1: ????

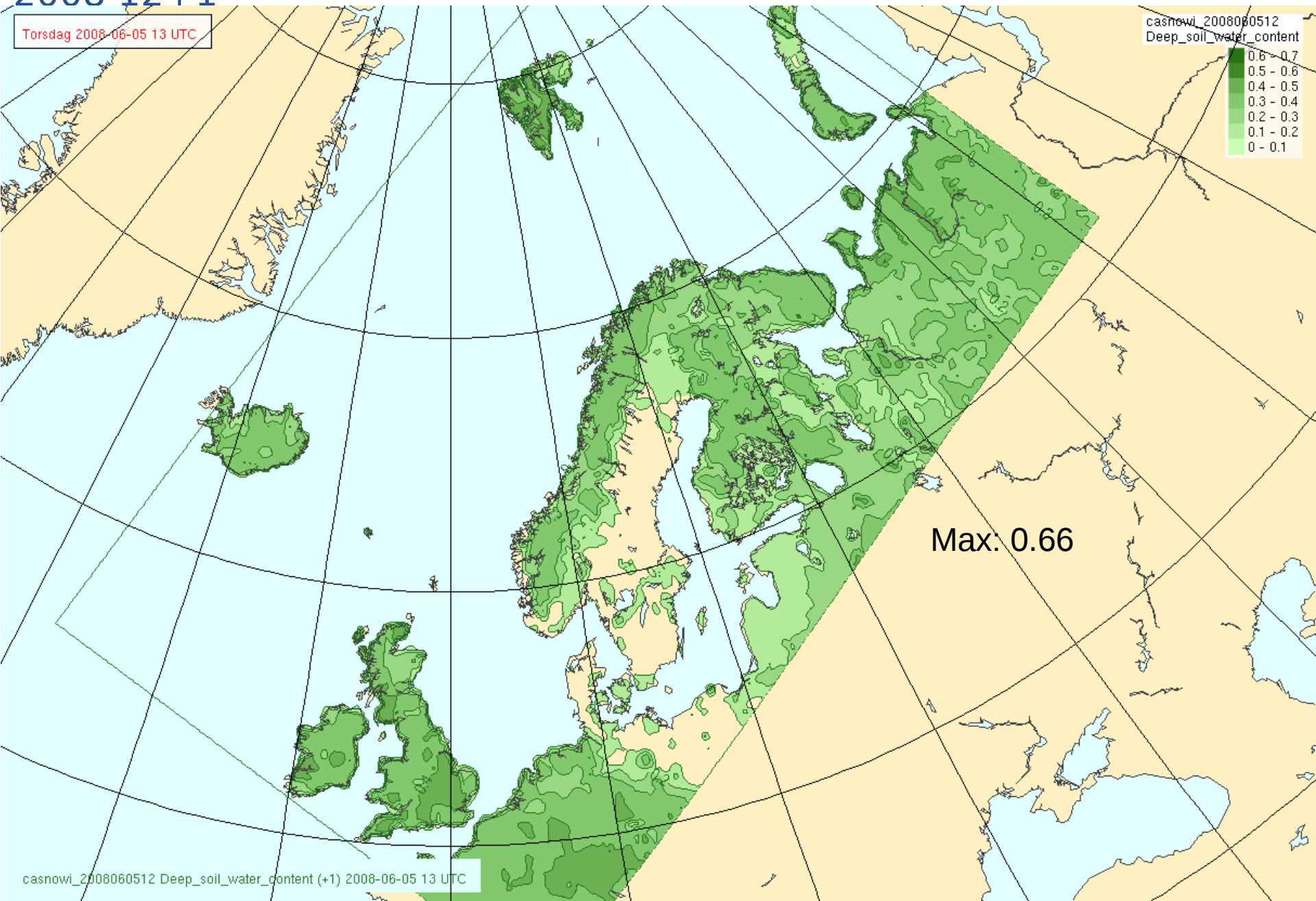
35h1branch Soil water - scaled by 10 in ec2ald 5. June

2008 12+0



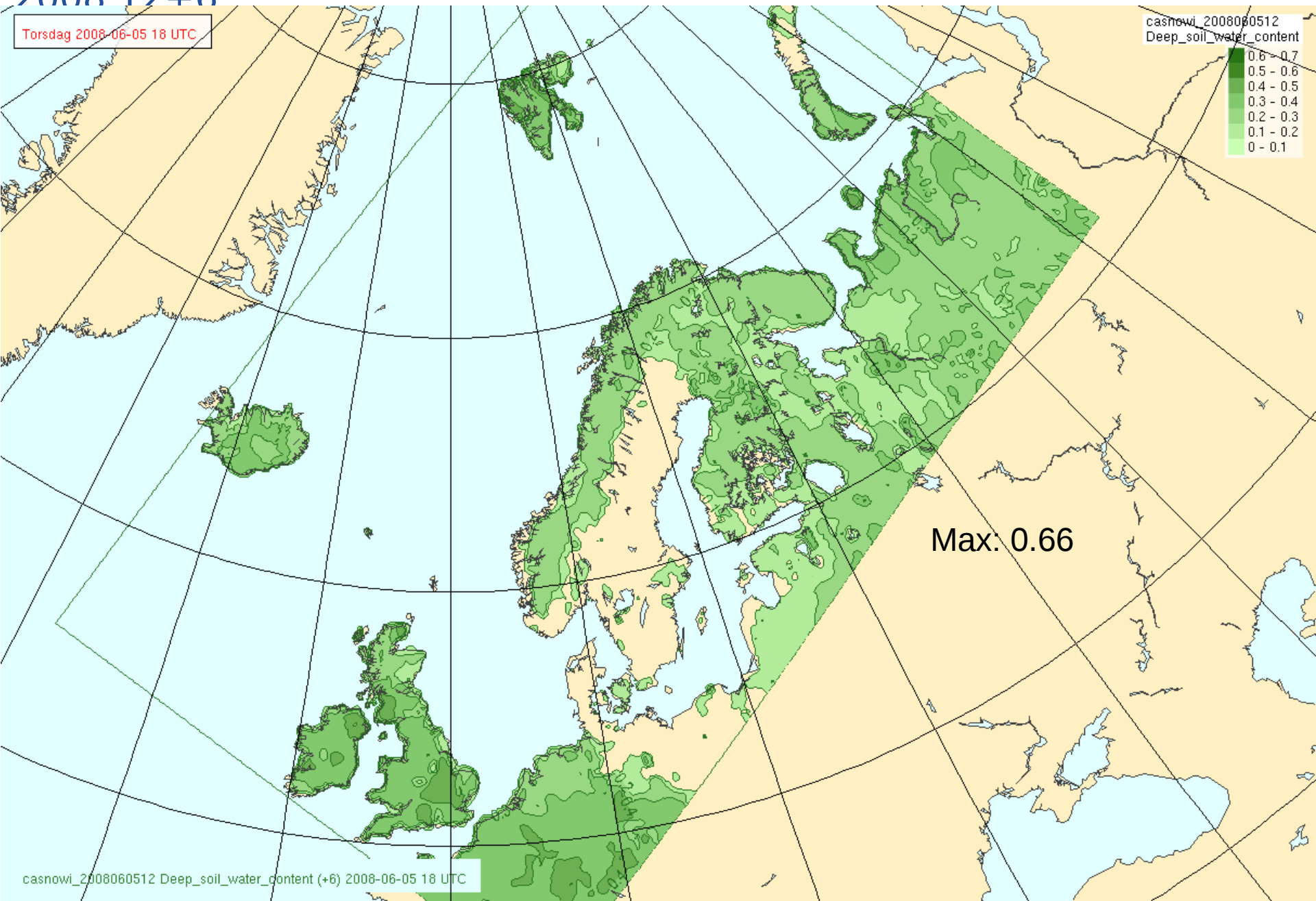
35h1branch Soil water - scaled by 10 in ec2ald 5. June

2008 12+1



35h1branch Soil water - scaled by 10 in ec2ald 5. June

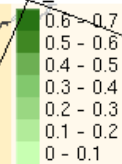
2008 12+6



18+0

Torsdag 2008-06-05 18 UTC

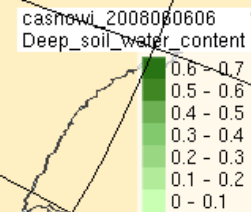
casnowi_2008060518
Deep_soil_water_content



Max: 0.66

06+6

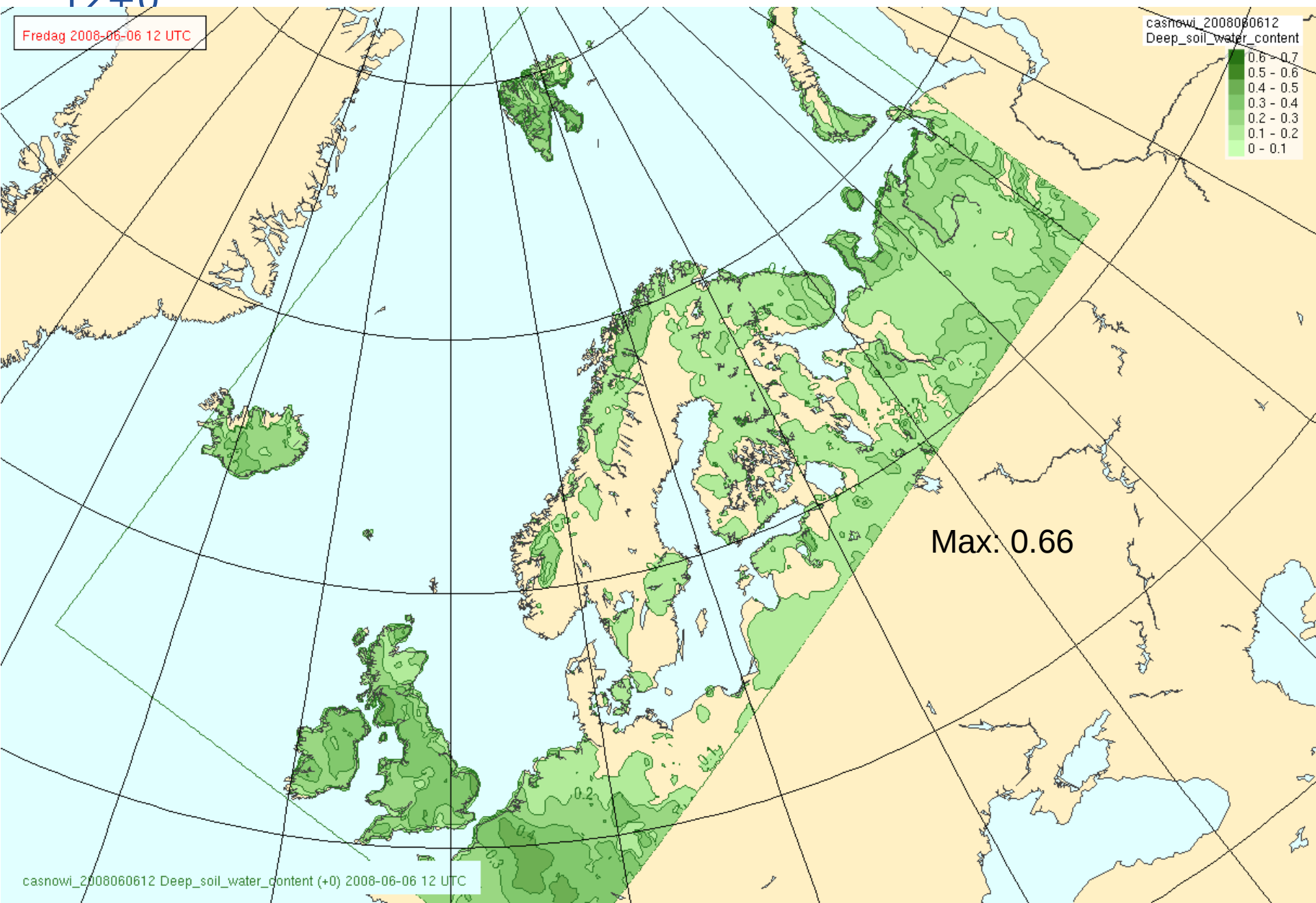
Fredag 2008-06-06 12 UTC



Max: 0.66

12+0

Fredag 2008-06-06 12 UTC



2008 12+0

