

# Operations Plan of the Day

**Monday, 27 August 2007, 10:00 UTC**

## General Remarks:

### Synoptic Situation

The COPS region is situated on the southern periphery of a broad long-wave trough over Scandinavia. A cut-off low located to the west of the Iberian Peninsula is expected to move towards the east in the coming days. Increasing northward warm-air advection is expected ahead of that system. An inactive zonally-oriented front over central Germany is moving southward reaching the COPS region late on Monday. The front will likely be the focus for stratiform and embedded convective precipitation late Tuesday evening into Wednesday and Thursday.

Today, **Monday**, a cold front is expected to move into the COPS area from the north and become quasi-stationary over the area. Little clouds and no rain are forecasted with this system.

On **Tuesday** southern France and the Alps, will likely see the initiation of scattered storms within the warm air-mass as a result of the increased warm-air advection. Further north, over the COPS region, stratiform and elevated convective precipitation is expected to commence later in the day and may also affect southern parts of the COPS domain.

On **Wednesday** the frontal zone is still located over the COPS region. Widespread stratiform and elevated convective precipitation is expected over the southern and perhaps central parts of the COPS area. The rain will probably in part occur in concert with meso-scale convective systems that pass to the south of the COPS area. Only the stratiform rain of the MCSs should affect the COPS region.

On **Thursday** the front should finally start to move off to the southeast, but stratiform rain will likely affect the COPS area during most of the daytime.

As a surface ridge builds on **Friday** and cloudiness moves off to the southeast, a friendly and moderately warm day with shallow cumulus clouds is expected.

### Operations summary:

<b># Day X (Monday)</b>	<b>no IOP, COPS Party</b>
<b># Day X+1 (Tuesday)</b>	<b>no IOP</b>
<b># Day X+2 (Wednesday)</b>	<b>IOP possible</b>
<b># Day X+3 (Thursday)</b>	<b>IOP possible</b>
<b># Day X+4 (Friday)</b>	<b>no IOP</b>

## **Mission Plans:**

### **Day X, Monday, August 27: no IOP**

The final COPS Get Together will take place at 18 LT (16 UTC) at Hornisgrinde mountain.

### **Day X+1, Tuesday, August 28: no IOP**

Arrival of BAe in the afternoon, if mission planned for Wednesday

### **Day X+2, Wednesday, August 29: IOP possible**

Final BAE flight possible to be refined at the Science Briefing on Tuesday morning

### **Day X+3, Thursday, August 30: IOP possible**

### **Day X+4, Friday, August 31: no IOP**

## **Your COPS Operations Center Team**

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