

CPDN



Tropical Cyclone Karl with OpenIFS@Home

Department of Engineering Science

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ECMWF

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Antje Weisheimer · Florian Pappenberger

Atmospheric Physics Department

Antje Weisheimer

Finnish Met Institute

Pirkka Ollinaho

Public Volunteers

Everywhere!



To generate a submission xml enter the following information about your experiment file(s).

Sarah Sparrow is logged in

Use comma separated lists to enter multiple values of fields (e.g. start date and batch owner) if required.

Batch Information

Batch Project:	<input type="text" value="OpenIFS@HOME"/>
Batch Name:	<input type="text" value="Tropical Cyclone Karl Workshop"/>
Batch Description:	<input type="text" value="Tropical Cyclone Karl OpenIFS@home launch experiment"/>
Batch Owner(s) as Name (e-mail):	<input type="text" value="Glenn Carver (Glenn.Carver@ecmwf.int), Sarah Sparrow (sarah.sparrow@oerc.ox.ac.uk)"/>
Batch Technical Information:	<input type="text" value="TC Karl with 250 analysis members and 8 ensemble member numbers using Priikka's initial conditions."/>

Model Configuration Details

Model Class:	<input type="text" value="openifs"/>
Model Configuration File:	<input type="text" value="40r1_T159_TC_Karl.xml"/>

Ensemble Setup

Start date(s) as YYYYMMDDHH:	<input type="text" value="2016092500"/>
Starting UMID:	<input type="text" value="k000"/>
Number of analyses (per start date):	<input type="text" value="250"/>
Number of ensemble members (per analysis):	<input type="text" value="8"/>
Starting ensemble member number:	<input type="text" value="1"/>
Upload Location:	<input type="text" value="Dev"/>

Ensemble Configuration

ECMWF Experiment ID:	<input type="text" value="h76y"/>
Forecast Length:	<input type="text" value="6"/> <input type="text" value="Days"/>
FullPos Namelist File:	<input type="text" value="namfpc-oifs-workshop2019-tc-karl.nml"/>

IFS data

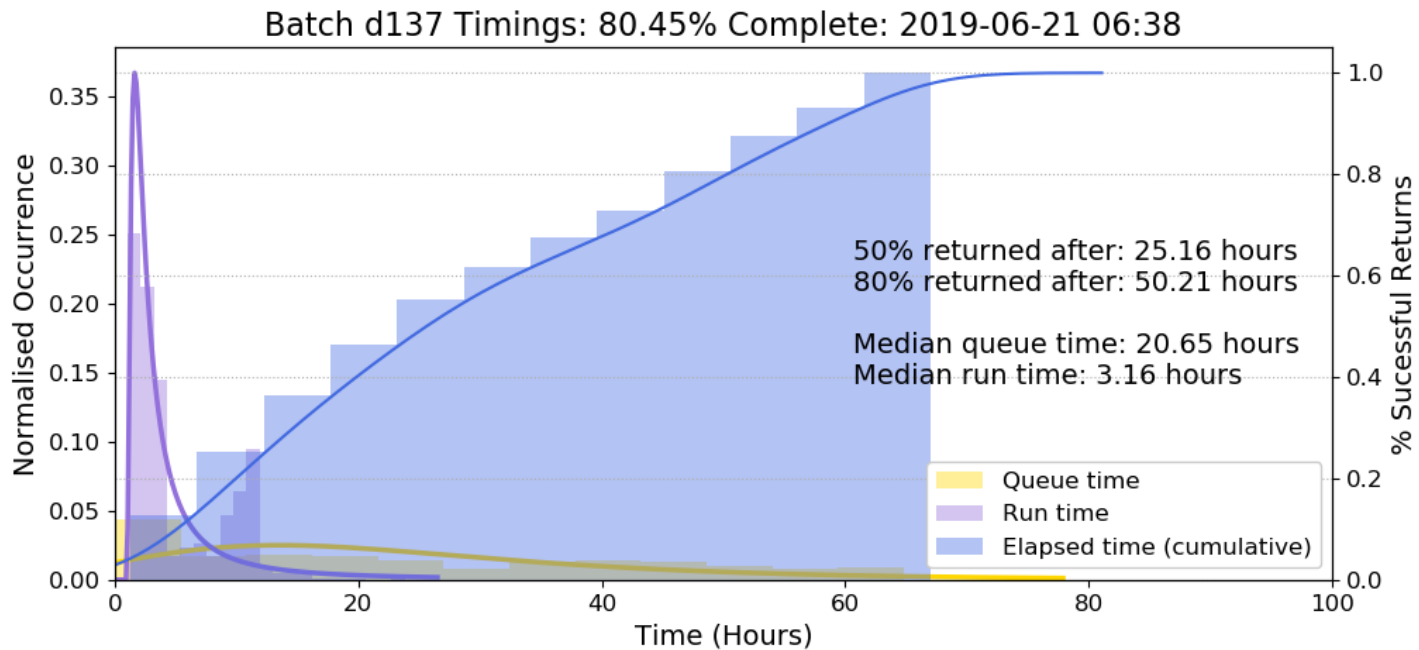
SO4 File:	<input type="text" value="SO4.zip"/>
Radiation File:	<input type="text" value="radiation.zip"/>
CFC File:	<input type="text" value="CFC.zip"/>

Climate Data

Climate Data File:	<input type="text" value="climate_data.zip"/>
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Create

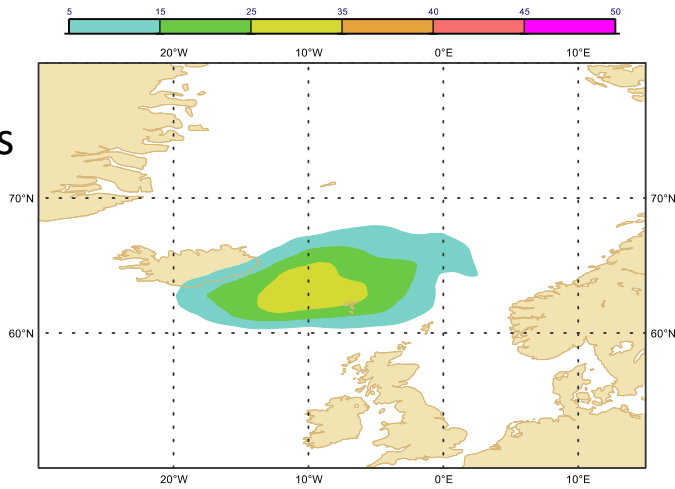




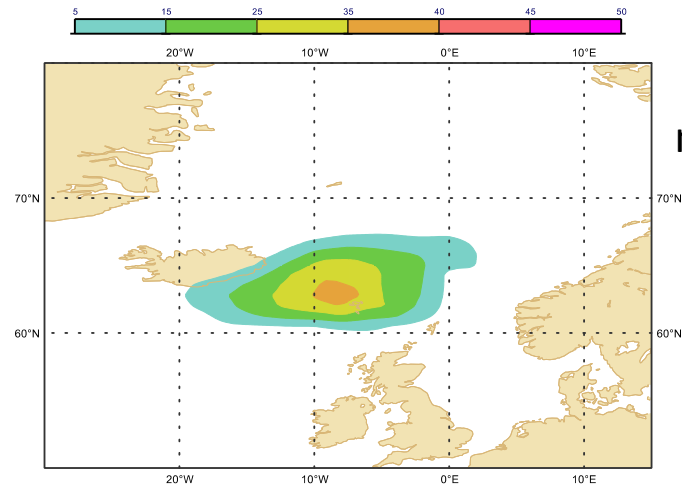
*All analysis using 571 returned results

Probability that mean-sea-level-pressure will drop below 990hPa @ 72h

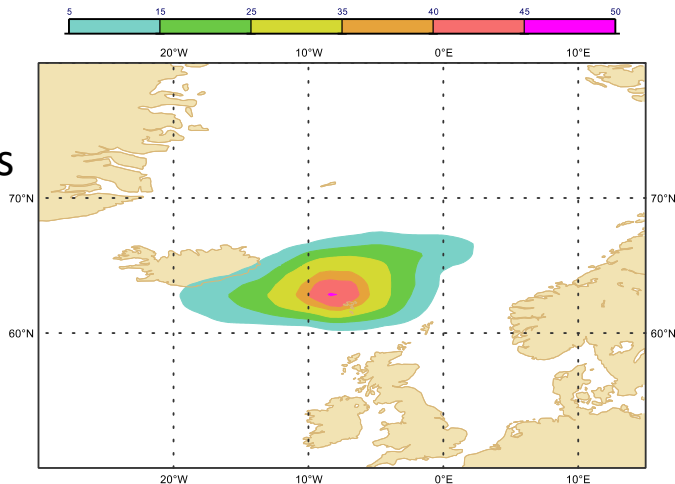
50 members



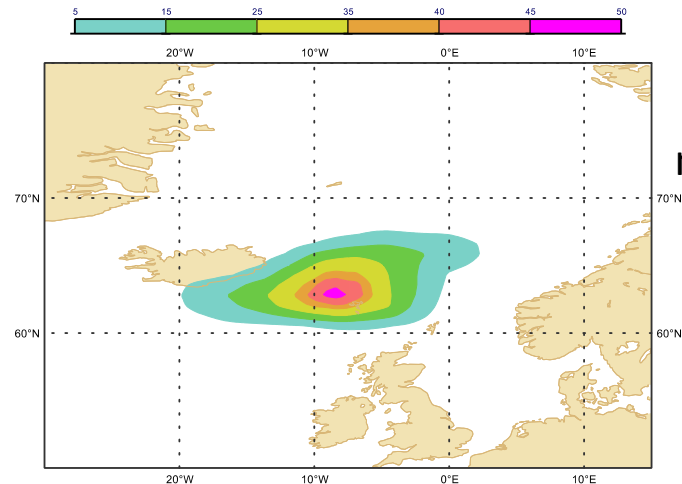
100 members

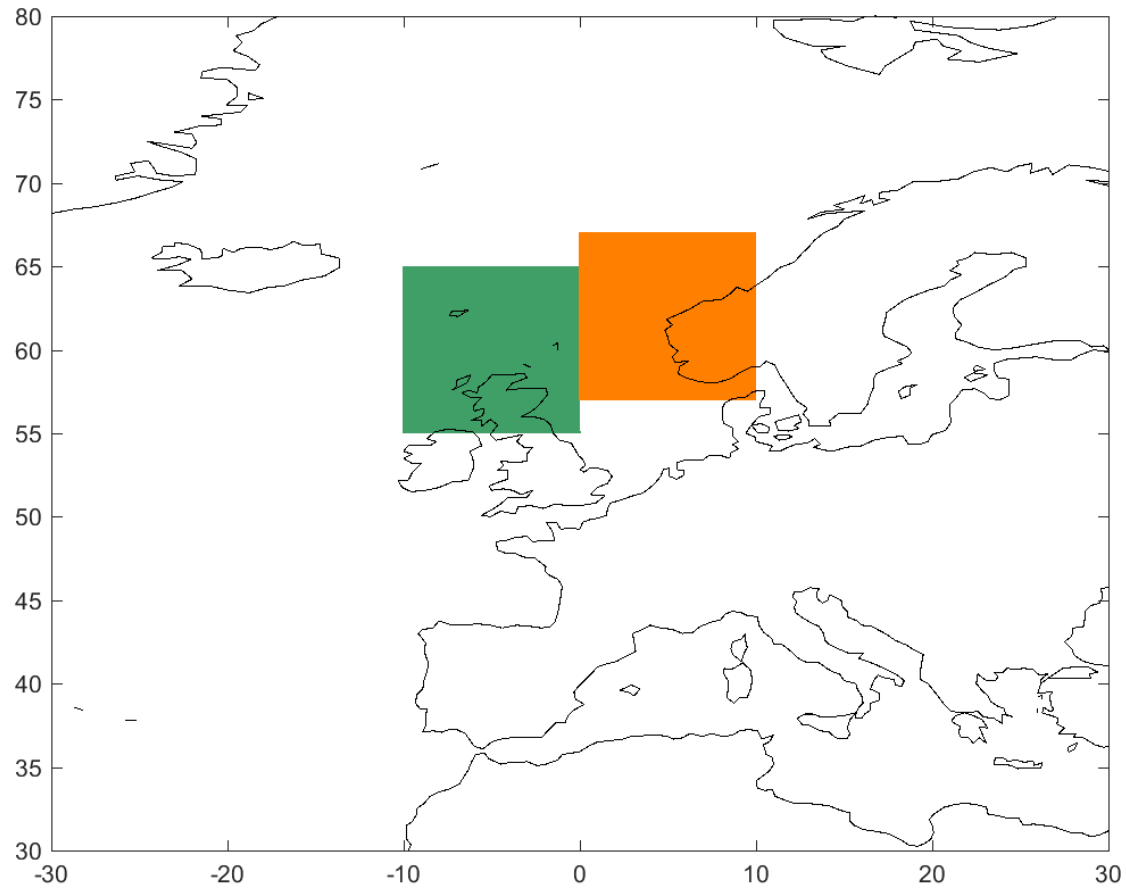


250 members

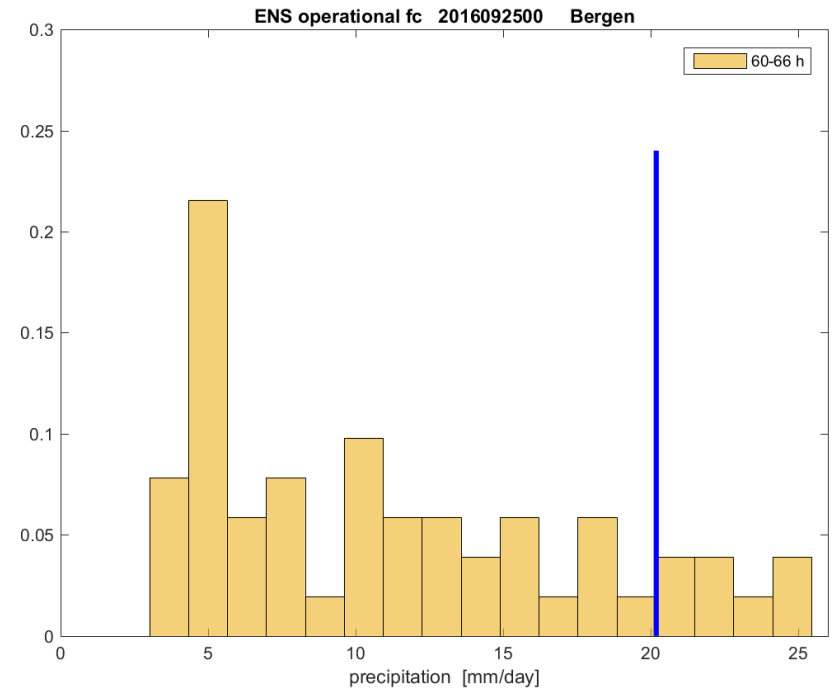
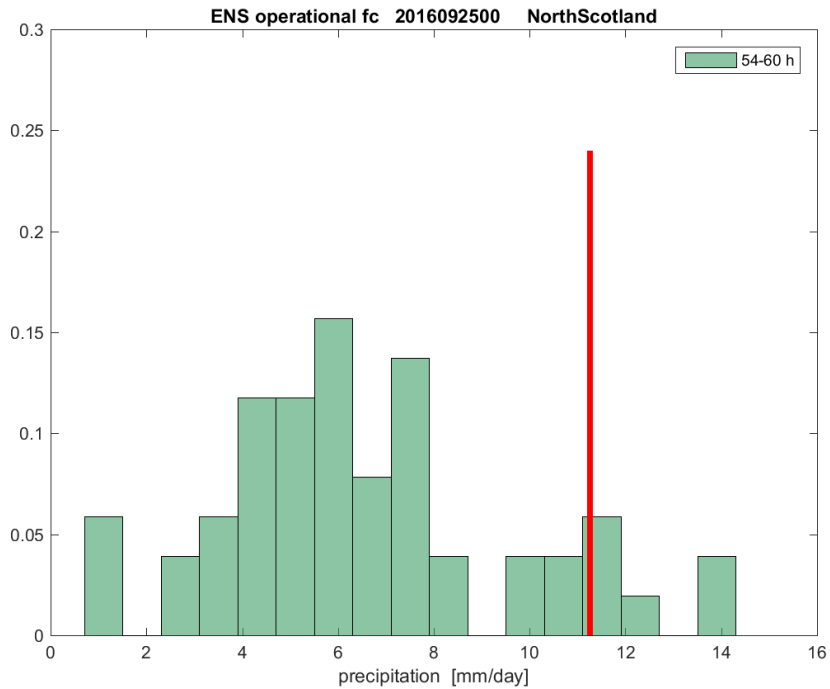


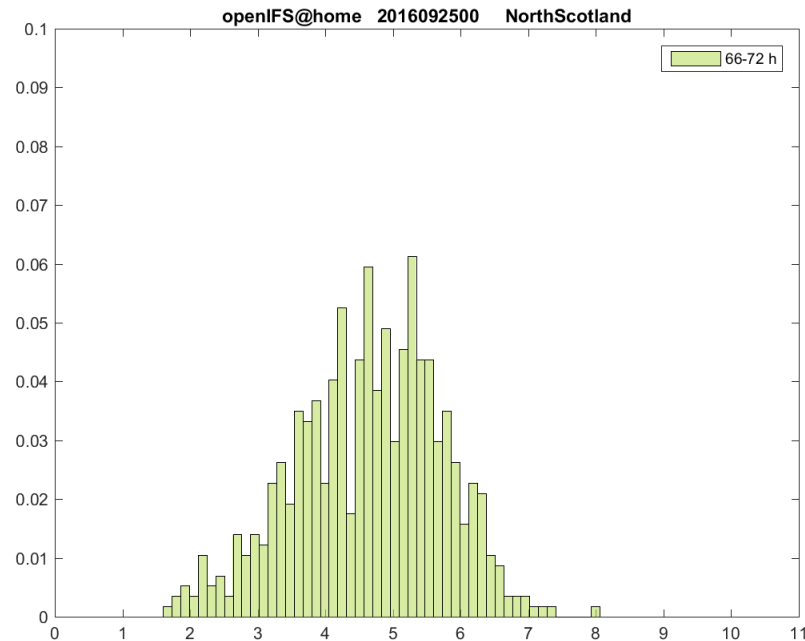
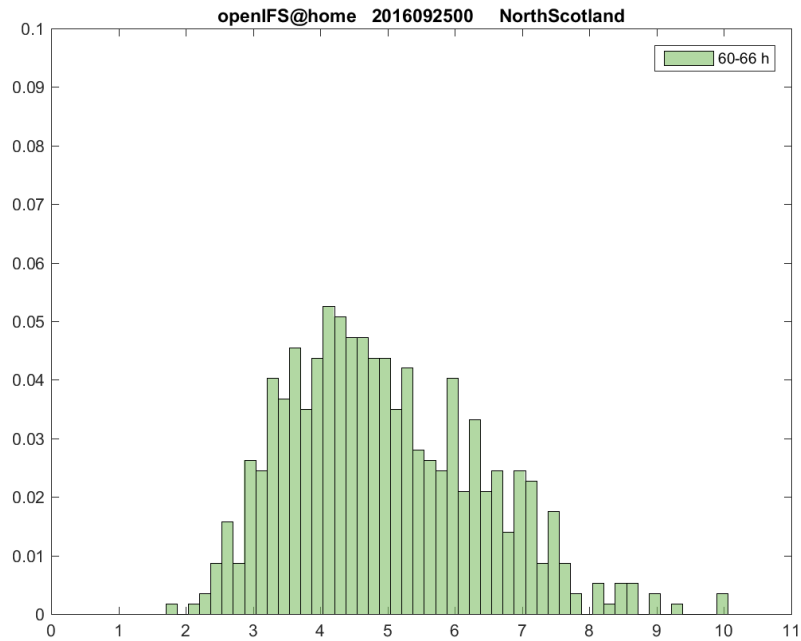
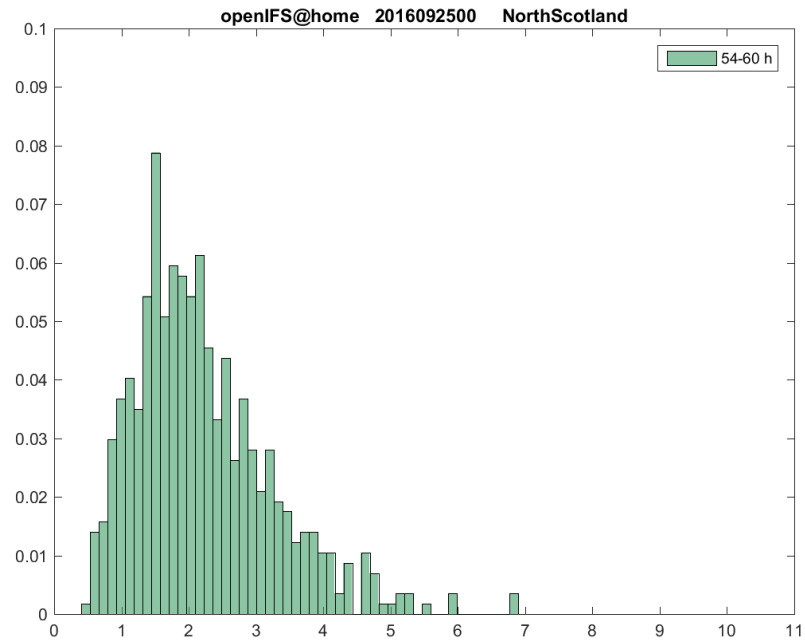
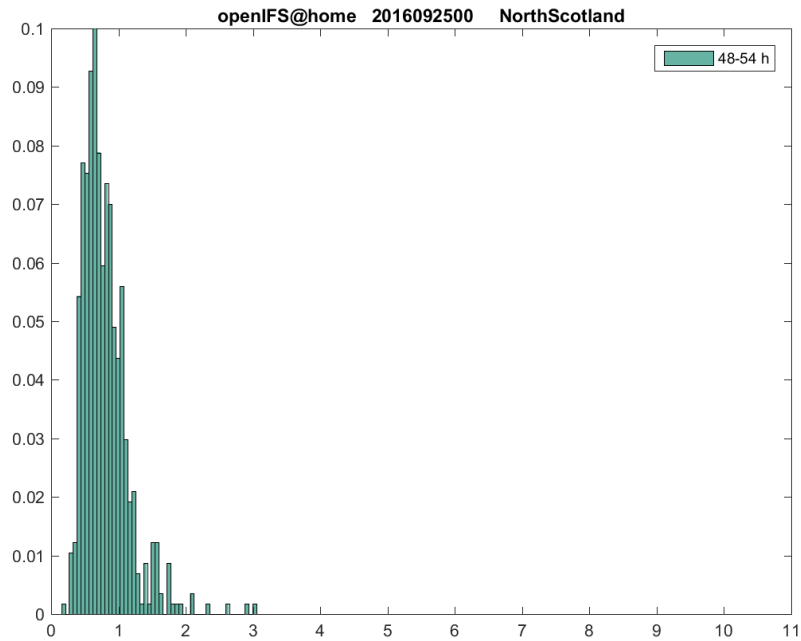
500 members

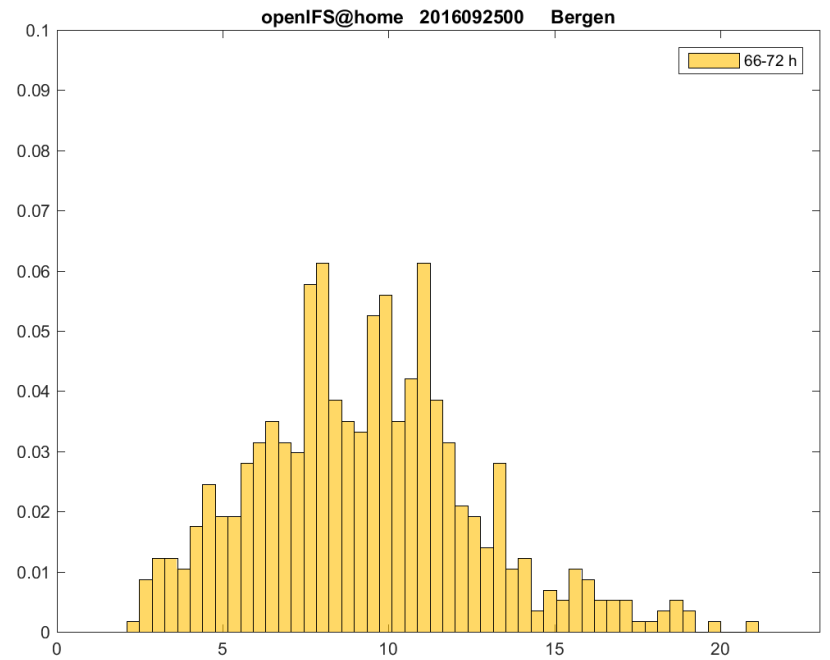
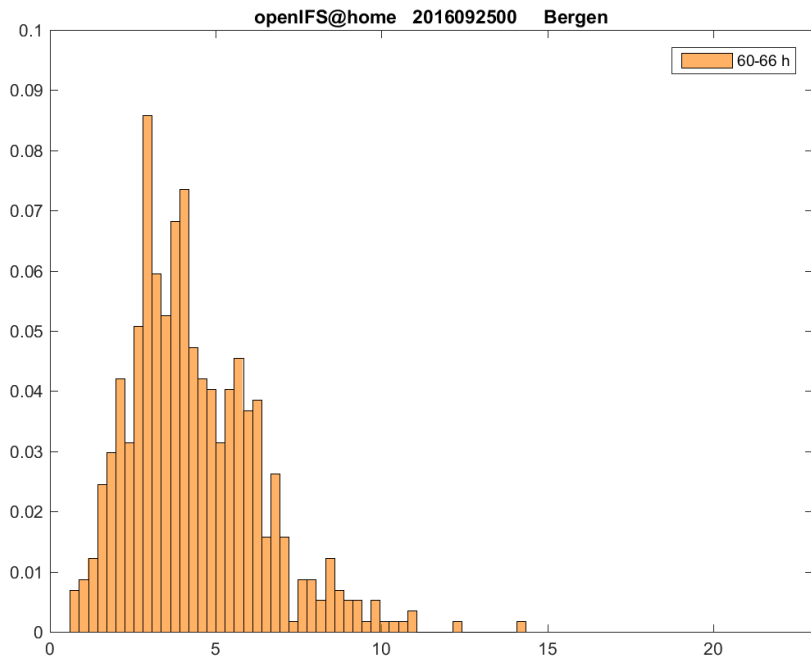
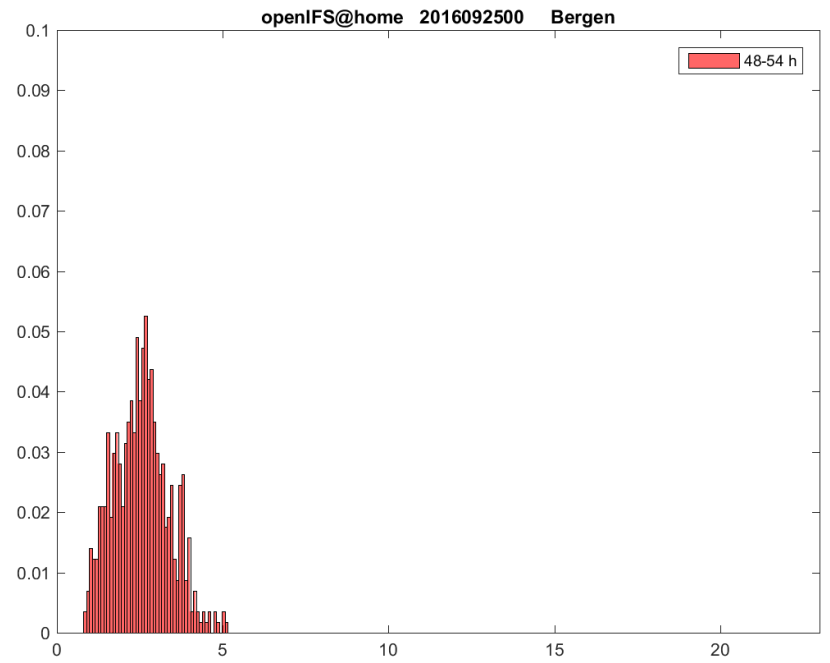
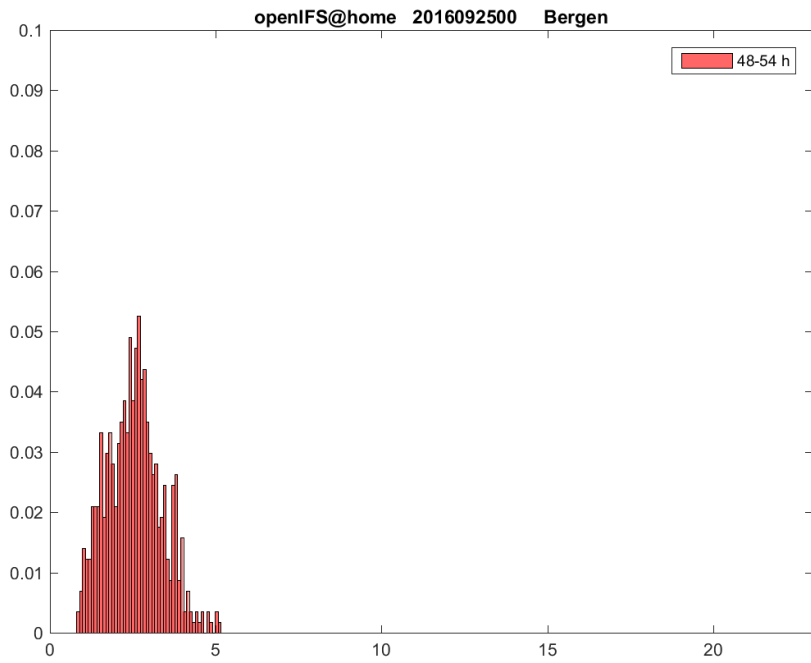




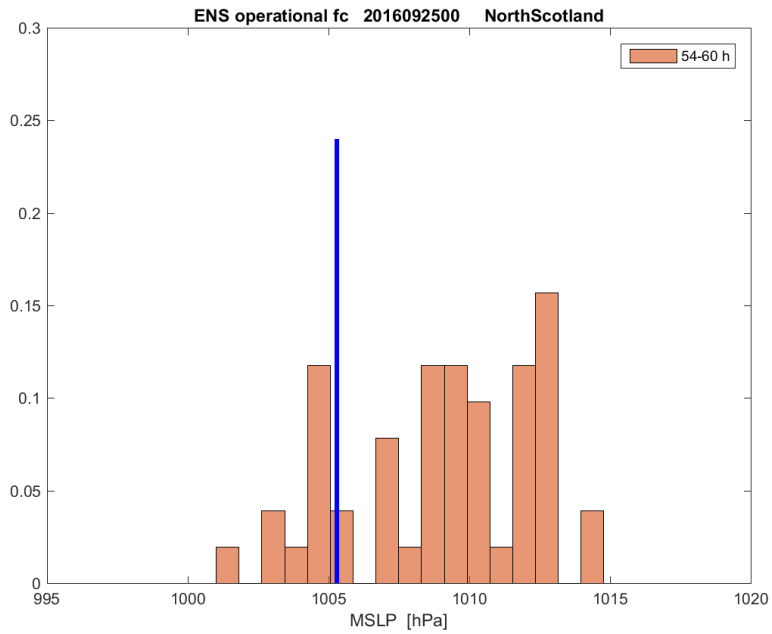
ECMWF operational forecast



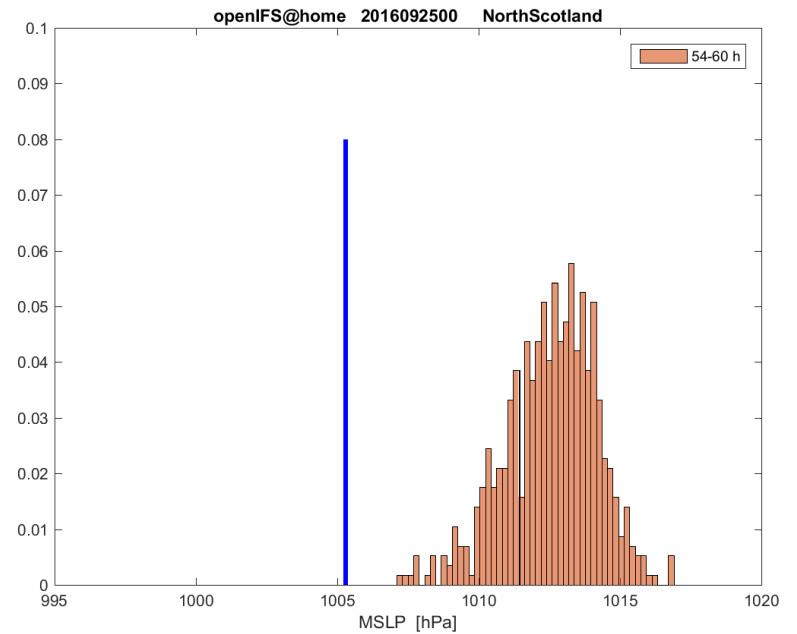




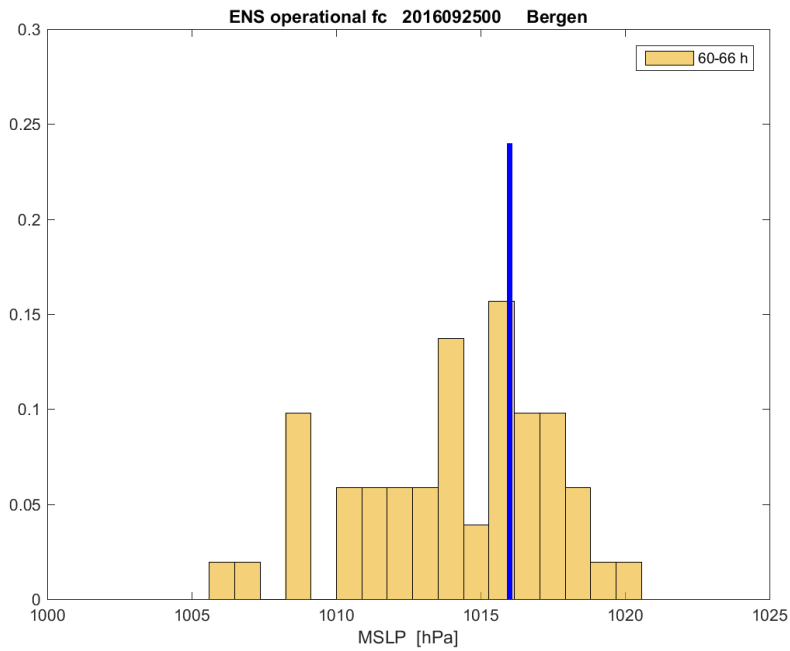
MSLP Forecast



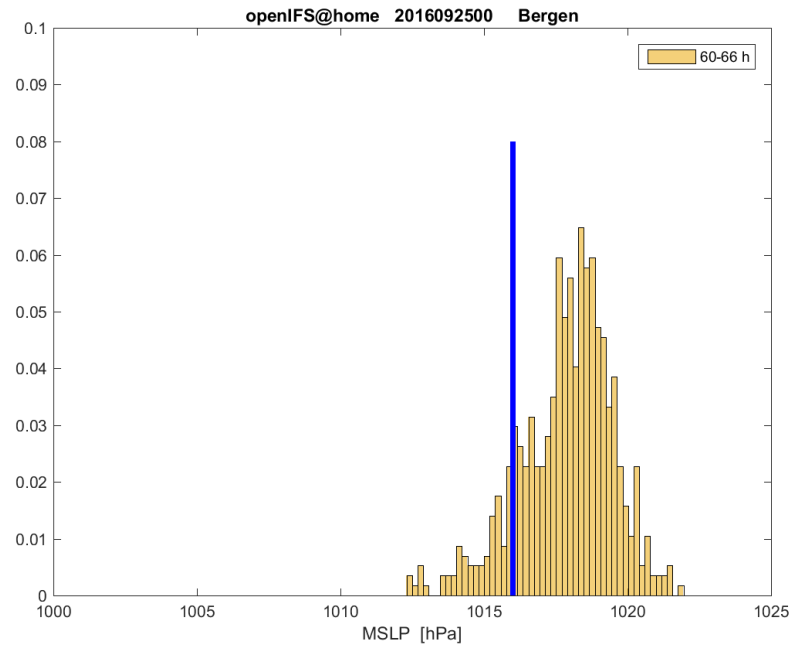
Operational



OpenIFS@Home

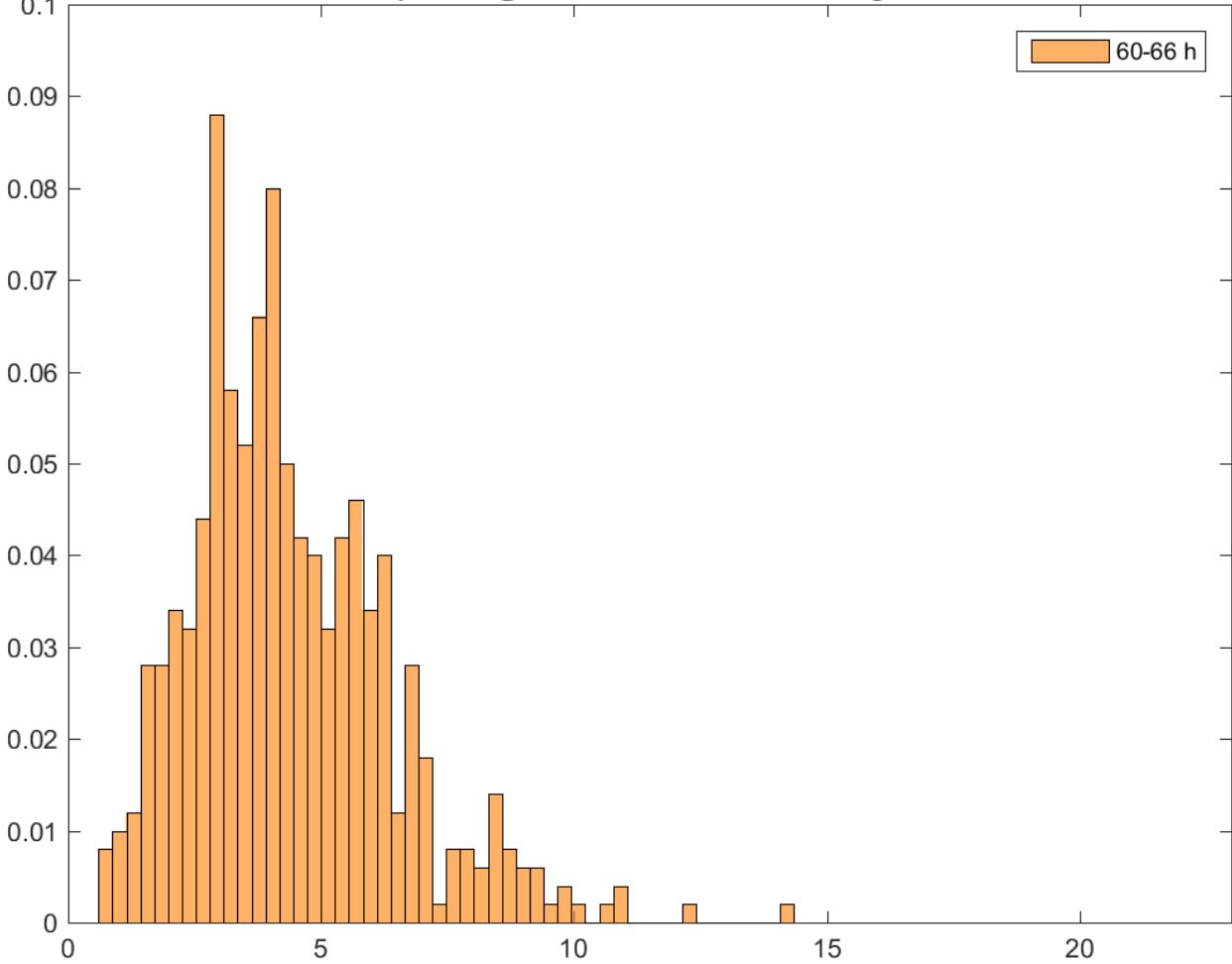


Operational



OpenIFS@Home

openIFS@home 2016092500 Bergen



Speak to the team about how you
could make use of OpenIFS@Home!

In person today

or via

https://www.cpdn.org/cpdnboinc/oifs_contact.php