

PUBLIC WEATHER MEDIA SERVICE – PRODUCT DESCRIPTIONS

Mountain area forecasts

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Client: PWMS

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Product Description History

Document Location

This document is only valid on the day it was printed.

Revision History

Date of this revision: 27th May 2016

Date of Next revision: 1st June 2017

Revision date	Summary of Changes
27 May 2016	First issue

Distribution

This document has been distributed to

Name	Title	Date of Issue	Version

Product Description

Daily scripted forecast for the whole 24 hour period (0000 to 2359 local time) for the next 2 days with an outlook for the following three days.

Forecasts are for areas that have ground above 600/800/900m. These areas are

- Scottish East Highlands (Grampians east of Rannoch Moor including Cairngorms)
- Scottish West Highlands (Trossachs, Argyll, NW Highlands and Skye)
- Lake District
- Snowdonia
- Brecon Beacons
- Peak District
- Yorkshire Dales

Product Title

Public Weather Service (PWS) mountain forecasts

Purpose of the Product

For use on:

- Broadcast
- Online Services

Data Parameters Supplied

For each area the forecast covers:

- Hazards - Day 1 only (i.e. the first day of the forecast)
 1. Blizzards
 2. Heavy Snow
 3. Storm Force winds
 4. Gales
 5. Severe Chill effect
 6. Persistent extensive hill fog
 7. Thunderstorms
 8. Heavy persistent rain
 9. Strong sunlight
- General overview (for first day)
- Weather summary and probability of precipitation (for first day)

1800 issue – the expected weather for eight time periods during day, namely 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100 and 2100-2400

0600 update the expected weather for six time periods during day, namely 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100 and 2100-2400

- Weather (Day 1 and 2)
- Visibility (Day 1 and 2)
- Hill Fog (Day 1 and 2)
- Maximum wind above 600m for West Highlands, East Highlands, 500m for Lake District and Snowdonia. 400m for Brecon Beacons, Peak District and Yorkshire Dales. (Day 1 and 2)
- Temperatures in valleys and at 900m (800m for Brecon Beacons, 700m for Yorkshire Dales, 600m for Peak District). (Day 1 and 2)
- Freezing level (Day 1 and 2)
- Some additional information is also made available for some sites (currently these are as follows: antecedent rainfall information (last 72 hours) for Brecon Beacons, Peak District and Yorkshire Dales forecasts; Ground conditions (supplied by the relevant Park Rangers) for Snowdonia and Lake District forecasts during the winter only, approximately November to March.
- General Outlook for days 3, 4 and 5.

Data Timesteps Supplied

As above

Frequency of Issue

Twice daily. 1800 daily. A mandatory re-issue (the following day) is also required prior to 0600 daily.

Format of Output File

EX0924_CT000020_BBeacons_FX_Script_yyyymmdd_hhmmss.XML
EX0924_CT000021_LakeDistrict_FX_Script_yyyymmdd_hhmmss.XML ; FPUK55_EGRT.TXT
EX0924_CT000022_Peak District_FX_Script_yyyymmdd_hhmmss.XML
EX0924_CT000023_Snowdonia_FX_Script_yyyymmdd_hhmmss.XML; FPUK53_EGRA.TXT
EX0924_CT000024_YorkDales_FX_Script_yyyymmdd_hhmmss.XML
EX0924_CT000025_EScotland_FX_Script_yyyymmdd_hhmmss.XML; FPUK52_EGRA.TXT
EX0924_CT000026_WScotland_FX_Script_yyyymmdd_hhmmss.XML

Delivery Method

FTP pull from PWMS FTP (FTPWEB)

Roles and Responsibilities

Met Office – Corinne George