

PWS Product, Service and Content Catalogue 2018-19

Theme	Service	Description
Warnings	National Severe Weather Warning Service (NSWWS)	National Severe Weather Warnings for disruptive weather likely to impact the UK over the next seven days. Service includes: <ul style="list-style-type: none"> - Warnings for impacts from rain, thunderstorms wind, snow, lightning ice, and fog, - Additional content and messaging to support the communication of warnings to government, responders and the public - Warnings displayed on all Met Office channels including PWMS, web, apps and Hazard Manager - Warnings available to Responders and members of the public by email - Warnings available to third parties in GeoJSON format
	Advisory services	Authoritative forecasts and advice of other weather impacts not included in NSWWS. For example extreme heat or cold.

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Public-Direct Reach	Web (desktop and mobile)	Met Office public website that effectively communicates the weather story to enable organisations and the public to make informed weather related decisions. Web content for both desktop and mobile sites includes: <ul style="list-style-type: none"> - National Severe Weather Warnings - Seven day site specific and mapped forecasts across the UK - Operational text forecasts - Operational video forecasts - Recent observations including radar, satellite and surface observations <p>In addition, the content for the desktop includes:</p> <ul style="list-style-type: none"> - Advice from partners around warnings - Historical observations and climate statistics - Weather related content that helps raise awareness of weather, extend reach and drive engagement - Specialist mountain and leisure marine forecasts - Pollen forecasts - Air quality forecasts - Access to library services - UK event forecasts - Content to promote and position PWS products and services
	Mobile Apps	Met Office mobile app available on IOS and Android devices. Content aimed at broad audience with content including: <ul style="list-style-type: none"> - National Severe Weather Warnings - Push notifications for warnings - Seven day site specific forecasts across the UK - Precipitation maps - Regional text forecasts - National video forecasts - Air quality and pollen forecasts
	Social Media channels	Regularly updated content on major social media channels to communicate forecasts and warnings. Channels currently include: <ul style="list-style-type: none"> - Facebook

		<ul style="list-style-type: none"> - Twitter - YouTube - Instagram - Snapchat - LinkedIn - News blog
	Weather Desk	<p>Met Office Service Desk function providing first and second line support to users of PWS services.</p> <ul style="list-style-type: none"> - 24/7 response to phone, email and social media queries - IT service and support for all PWS services - First point of contact for users of PWMS warnings
	Press Office (corporate)	Proactive and reactive 24/7 response to Press enquiries
	Library and Archive service	<p>A meteorological library and archive service available both to Met Office staff and the public, delivered as an accredited place of deposit for meteorological information held on behalf of The National Archive under the terms of the Public Records Act (1958). Includes:</p> <ul style="list-style-type: none"> - A comprehensive digital and analogue collections - Ready access to analogue and digital collections through lending services and the provision of up-to-date search and discovery tools as prescribed and accredited by the TNA - An Enquiry Service handling requests from the public for meteorological and related information including historical observation data - Publishing and providing access to the latest Met Office corporate and scientific reports through the Met office website
	Gov email delivery	Subscription service for receiving Warnings by email
Public – Indirect Reach	Public Weather Media Service	<p>A service that supports UK Public Service broadcasters to deliver weather forecasts and warnings. The package includes:</p> <ul style="list-style-type: none"> - Forecast and observational data to support broadcast graphics and broadcaster digital channels - A web site (Presenter) that presents forecast and observational data and guidance - Regular briefings from specialist forecasters (Media Services team)
	Syndication Service (Public Weather Digital Service)	Met Office generated data and content made available to third parties for attributed reach. Includes routine weather forecast broadcast and other content to support reach, awareness and education. Syndication content distributed twice daily by email.
Public - Content	Operational National and regional video forecasts	<p>Daily generated daily video forecasts, both presented and non-presented, for digital channels and syndication to third parties. Includes:</p> <ul style="list-style-type: none"> - 4x daily UK forecast updates - 10 day trend (weekly) - Week Ahead - Weekend - Scotland forecast twice daily
	Operational text forecasts	National and regional forecast scripts for 1 to 90 days ahead, for digital channels, syndication and PWMS. Updated at least twice daily

	Operational charts	Routinely updated Synoptic weather charts ('ASXX & FSXX') for the UK and North Atlantic region out to five days. Updated at least twice daily
	Weather related content	Video, written and graphical content that supports reach and engagement through learning, education and interest.
	Pollen forecasts	Daily pollen forecasts, reflecting pollen levels and types.
	Mountain forecasts	Specialist forecasts for mountain users for all UK mountain regions that highlight weather hazards
	UK event forecasts	Bespoke forecasts to support high profile public events in the UK such as major sporting events or major festivals where severe weather impacts would pose a hazard and risk to public safety
	UK climate information	Up to date historical UK climate information that summarises past weather across the UK. Includes: <ul style="list-style-type: none"> - Daily and monthly weather summaries - Site specific and gridded daily, monthly, seasonal and annual averages for a range of weather parameters. Parameters include max, min and average temperature, rain and snow, sunshine, air and ground frost, wind, thunder and lightning. - Climate extremes - Long term 30 year climate averages - Additional information for high impact weather events such as named storms

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Civil Contingency	Advisor Service	Team of Civil Contingency advisors providing direct briefings and support to responders across the UK through Local Resilience Fora as well as central, regional and local governments during planning, response and recovery phases of weather related incidents
	Hazard Manager	A one-stop web portal for responders providing access to weather and weather related hazard information. Includes <ul style="list-style-type: none"> - National Severe Weather Warnings - Visualisation of UK weather forecasts - CHEMET - Three month Outlook Also includes access to non-PWS content including: <ul style="list-style-type: none"> - Flood Guidance - Hydromet information - FireMet - Bluetongue and other animal diseases - Cold and Heat Health Advice Service - National Hazard Assessments
	National Hazard Assessment	A daily summary of Natural Hazards including weather and weather related hazards for distribution to responders, central and regional government
	CHEMET	Forecast plumes for airborne pollutants available on request to responders
	International Services	Provision of forecasts and advice to UK government for weather events that pose a risk to UK citizens, property or infrastructure abroad. Service includes:

	(formerly known as Global Event Forecasts)	<ul style="list-style-type: none"> - Daily Global Weather Assessments – a daily product highlighting areas where impacts may occur as a result of severe weather - Severe Weather Assessments – ad-hoc severe weather guidance documents, focusing on a particular region or event. - For major weather events that require a cross-government response additional capability, such as crisis area modelling, can be provided at the request of government. - Briefings and advice as required through the Senior Advisor team.
	International Atmospheric Pollution Service (formerly Global Pollution Forecast)	<p>Provision of forecasts and advice to UK government for major atmospheric pollution events that pose a risk to UK citizens, property or infrastructure abroad. Service includes:</p> <ul style="list-style-type: none"> - Global plume forecasts out to seven days ahead showing the likely transport of pollutants and the subsequent deposition to the ground. - Sources might include major fires, industrial accidents, chemical releases, animal disease, nuclear incidents, volcanic eruptions, sandstorms or poor air quality. - Briefings and advice into government as required, including expert groups such as SAGE
	Avalanche assessments	Specialist information provided to third parties to support the assessment of avalanche risk in the Scottish mountains
International	RSMC	The Met Office is a Regional Specialised Meteorological Centre (RSMC) for Europe and Africa with responsibility for dispersion modelling and advice in the event of an atmospheric environmental pollution event.
	Global Long Range Outlook	Seasonal probability maps of temperature and precipitation at a regional scale out to 6 months ahead. Provided by the Met Office as part of the WMO Global Producing Centre (GPC) for long range weather forecasts.
	CTBTO	Dispersion modelling in support of the Comprehensive Test Ban Treaty

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Data	DataPoint	A web based API (Application Program Interface) that enables third party developers to access a range of datasets such as site specific forecasts, map layers, recent observations and routine scripts under the terms of an Open Government Licence. Datasets reflect those used to underpin web and app content
	Wholesale	Resilient provision of Met Office Public Sector Information to third parties. Data are readily discoverable and downloadable through a resilient service with 24/7 support. Datasets include: <ul style="list-style-type: none"> - Observations - Forecast model output - Gridded and site specific post processed data - ECMWF, EUMETSAT and other Met Service data under licence