



Using ECMWF's Forecasts Event (UEF2026)

Programme

Monday Agenda

Agenda time displays according to the selected time zone.

The selected timezone is Europe/London

	Registration and opening Chair: Becky Hemingway (ECMWF)	
13:00 to 14:00	Registration and coffee	
14:00 to 14:10	Welcome Video recording	Umberto Modigliani (ECMWF)
14:10 to 14:20	Housekeeping and theme Video recording	Becky Hemingway (ECMWF)
	ECMWF updates Chair: Becky Hemingway (ECMWF)	
14:20 to 15:30	ECMWF updates <ul style="list-style-type: none">• Model cycles updates• Research updates• Machine Learning updates• Forecasting and services updates Presentation slides Video recording	Michael Sleigh (ECMWF) Tony McNally (ECMWF) Eulalie Boucher Matthieu Chevallier (ECMWF)
15:30 to 16:00	Coffee break	
16:00 to 16:30	Medium-range forecast skill of 2m temperature in the IFS and AIFS Presentation slides Video recording	Thomas Haiden (ECMWF)
16:30 to 17:00	How temperature is forecast at ECMWF Presentation slides Video recording	Annelize van Niekerk (ECMWF)
	Posters Chair: Becky Hemingway (ECMWF)	
17:00 to 17:15	Poster introductions	

17:15 to 18:30

Poster session and drinks reception

This session will not be livestreamed

Tuesday

Agenda

Agenda time displays according to the selected time zone.

The selected timezone is Europe/London

Themed Session - Temperature forecasting in Europe and beyond Chair: Emma Pidduck (ECMWF)		
09:30 to 09:50	How can 2m temperature forecasts possibly go wrong? - an ECMWF perspective Presentation slides Video recording	Tim Hewson (ECMWF)
09:50 to 10:10	The May 2025 Iceland heatwave: an unprecedented early-season extreme Presentation slides Video recording	Kristín Hermannsdóttir (Icelandic Met Office)
10:10 to 10:30	Operational management of heat stress and heatwaves in public weather bulletins using ECMWF products in Lombardy Presentation slides Video recording	Gian Paolo Minardi (ARPA Lombardia)
10:30 to 10:50	Evaluation of ECMWF 2 m Temperature Forecasts During Extreme Cold Events in Northern Sweden Presentation slides Video recording	Antonio Fuentes Moreno (SMHI)
10:50 to 11:00	Group photo	
11:00 to 11:30	Coffee break	
Themed Session - Temperature forecasting in Europe and beyond Chair: Umberto Modigliani (ECMWF)		
11:30 to 11:50	The Exceptional UK Heat Wave of May 2026 Presentation slides Video recording	Dan Suri (Met Office)

11:50 to 12:10	Medium-Range Temperature Regime Transitions over Montenegro's Complex Terrain: A Comparison of AI and NWP Forecasts Presentation slides Video recording	Aleksandar Zecevic (IHMS of Montenegro)
12:10 to 12:30	Monitoring and forecasting marine heatwaves at MOi Presentation slides Video recording	Amélie Loubet (Mercator Ocean International)
12:30 to 13:00	Evaluation of severe temperature events in the medium-range and sub-seasonal range in the ECMWF Severe Event Catalogue Presentation slides Video recording	Linus Magnusson (ECMWF)
13:00 to 14:00	Lunch break	
	Interactive activities	
14:00 to 15:00	Interactive Activity: Weather Stations part 1 This session will not be livestreamed	
15:00 to 15:30	Coffee break	
15:30 to 17:00	Interactive Activity: Weather Stations part 2 This session will not be livestreamed	
18:30 to 20:30	Event dinner	

Wednesday

Agenda

Agenda time displays according to the selected time zone.

The selected timezone is Europe/London

Themed Session: Forecast to Impact Chair: Stijn Vermoote (ECMWF)		
09:30 to 10:10	Keynote presentation: Climate Services for Health, a critical part of Wellcomes vision to support science to solve the urgent health challenges facing everyone Presentation slides Video recording	Madeleine Thomson (Wellcome)
10:10 to 10:30	Climate and Environmental Digital Twins for Human Health: Leveraging Earth Observation for Compound Climate and Air Quality Extremes Early Warning Presentation slides Video recording	Ana Oliveira (CoLAB +ATLANTIC)
10:30 to 10:50	Operational national Early Warning heat wave : example of collaboration between health and climate sectors in Senegal Online presentation Presentation slides Video recording	Ousmane Ndiaye (African Center of Meteorological Applications for Development (ACMAD))
10:50 to 11:10	Coffee break	
11:10 to 11:30	Towards human-centric weather forecasting: heat and cold stress indices at ECMWF Presentation slides	Claudia Di Napoli (ECMWF)
11:30 to 11:50	Thermal Trace: health-related weather and climate monitoring Presentation slides Video recording	Rebecca Emerton (ECMWF)
Themed Session: Seasonal and Sub-seasonal focus Chair: Frédéric Vitart (ECMWF)		

11:50 to 12:10	Update about the work of Subgroup to Review User Relevant Sub Seasonal Verification Presentation slides Video recording	Anssi Vähämäki (FMI)
12:10 to 12:30	ECMWF sub-seasonal forecasts in the Swiss national drought warning system: first operational learnings Presentation slides Video recording	Annie Y.-Y. Chang (MeteoSwiss)
12:30 to 13:00	Implementation of SEAS6 Presentation slides Video recording	Tim Stockdale (ECMWF)
13:00 to 14:00	Lunch break	
	Live demonstration and User Voice Corner Chair: Becky Hemingway (ECMWF)	
14:00 to 14:50	Live Demo: interactive apps for exploring extreme event data Presentation slides	Guy Griffiths (University of Reading) Matthew Menary (ECMWF) Sebastian Milinski (ECMWF) Rebecca Emerton (ECMWF)
14:50 to 15:20	Coffee break	
15:20 to 15:50	Overview of User Voice Corner Survey Presentation slides Video recording	Tim Hewson (ECMWF)
15:50 to 17:00	User Voice Corner Breakout Groups This session will not be livestreamed.	

Thursday Agenda

Agenda time displays according to the selected time zone.

The selected timezone is Europe/London

	GRIB2 Update and Q&A Chair: Becky Hemingway (ECMWF)	
09:30 to 10:20	GRIB2 - Update and Q&A session Presentation slides Video recording	Sebastien Villaume (ECMWF)
	Themed session - Innovation in temperature prediction Chair: Matthieu Chevallier (ECMWF)	
10:20 to 10:40	Bias correction for surface atmospheric variables using a statistical modelling approach Presentation slides Video recording	Mahmud Hasan Ghani (CMCC)
10:40 to 11:00	A Novel Member-By-Member Postprocessing Framework for Ensemble Temperature Forecasts Online presentation Presentation slides Video recording	Bahram Oghbaei (Ecole de Technologie Superieure)
11:00 to 11:40	Coffee break	
	Themed Session - Innovation in temperature prediction Chair: Matthieu Chevallier (ECMWF)	
11:40 to 12:00	Operational AI Downscaling System and Its Performance in Predicting Extreme Temperatures in Japan during Summer 2025 Presentation slides Video recording	Fuki Kudo (Weathernews Inc.) Jumpei Fujino (Weathernews Inc.)

12:00 to 12:20	AI-Driven Innovation in Temperature Prediction: Anomaly Detection in SYNOP and TAF Forecasts Using ECMWF Products - A Case Study from Jordan Online presentation Presentation slides Video recording	Ibrahim Hadyeh (Jordan Meteorological Department)
12:20 to 12:40	Comparing AI and NWP operational forecasts for the energy sector for winter 2025/26 Presentation slides	Isla Finney (Lake Street Consulting Ltd)
12:40 to 13:00	Comparing AIFS and high-resolution IFS (4.4km) simulations for 2-m temperature extremes: when does the ML model excel and when does resolution matter? Presentation slides Video recording	Estibaliz Gascon (ECMWF)
13:00 to 14:00	Lunch break	
	Closing session Final session Chair: Becky Hemingway (ECMWF)	
14:00 to 14:20	About the new curvature diagnostic CURV and some of its uses Presentation slides Video recording	Nigel Roberts (Met Office UK)
14:20 to 14:40	Harnessing Geo-Spatial Layers and AI for Extreme Heat Preparedness Presentation slides Video recording	Stephanie Rees (Google)
14:40 to 15:20	Introducing WEFEX: Forecasting Extreme Weather Risks Across Europe Presentation slides Video recording	Kristian Nielsen (The World Energy & Meteorology Council (WEMC))
15:20 to 15:30	Closing remarks Video recording	Umberto Modigliani (ECMWF)
	Close with coffee	