

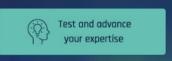


The AI Weather Quest, by the European Centre for Medium-Range Weather Forecasts (ECMWF), is an international Scan & join the competition!

competition designed to harness AI/ML in advancing weather forecasting. It challenges teams to produce and submit sub-seasonal weather forecasts using AI/ML models.

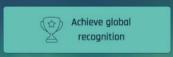
Forecasts should include global, quintile probabilities at a 1.5-degree latitude/longitude resolution for: Days 19 to 25 | Days 26 to 32 Near-surface (2m) Mean sea level Precipitation temperature pressure 17/03/25 15/05/25 14/08/25 13/11/25 14/05/26 06/08/26 12/02/26 INITIAL TRAINING PHASE COMPETITION PHASE **JJA Period Testing JJA Period SON Period DJF Period MAM Period** Testing Period Testing Period SON Awards Webinar DJF Awards Webinar MAM Awards Webinar JJA & Yearly Awards Event 17/03/25 22/03/26 19/06/26 TBD 07/05/25 22/07/25 19/12/25 Teams refine their models and explore Teams submit weekly, real-time sub-seasonal forecasts submission and evaluation non-competitively. across 13-week periods.

This competition is open to participants from international corporations, forecasting institutions, AI/ML experts, meteorologists, researchers, and students. No prior experience in weather forecasting is required - just a passion for solving real-world challenges with AI/ML!









Any questions? Contact us at <u>aiweatherquest@ecmwf.int</u>

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