

CONTENT

ENSEMBLE PREDICTION SYSTEMS (EPS)

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Forecast method that uses multiple weather forecast model runs to assess the uncertainty in that forecast. Ensemble Prediction Systems are numerical weather prediction systems that allow us to estimate the uncertainty in a weather forecast as well as the most likely outcome. Note: at a simple level, the percentage of ensembles exceeding a threshold (such as 10% of ensembles exceeding 100 mm of rainfall), is often communicated as the probability of that event occurring.