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Activities and plans for TIGGE

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The THORPEX Interactive Grand Global Ensemble (TIGGE) project established three archive centers (CMA, ECMWF, NCAR) where operational global ensemble forecasts are collected from most major numerical weather prediction centers. For limited areas and periods, regional ensemble forecasts will also be included in the archive. The primary purpose of the archives is to make operational ensemble forecast data easily accessible to the scientific community, encouraging research leading to the acceleration of improvements in the skill and utility of high impact weather forecasts. Plans currently discussed call for providing real time access to the ensemble data, as well as for the web-based generation of forecast products based on information combined from ensembles generated at multiple centers for the benefit of users especially from developing nations.