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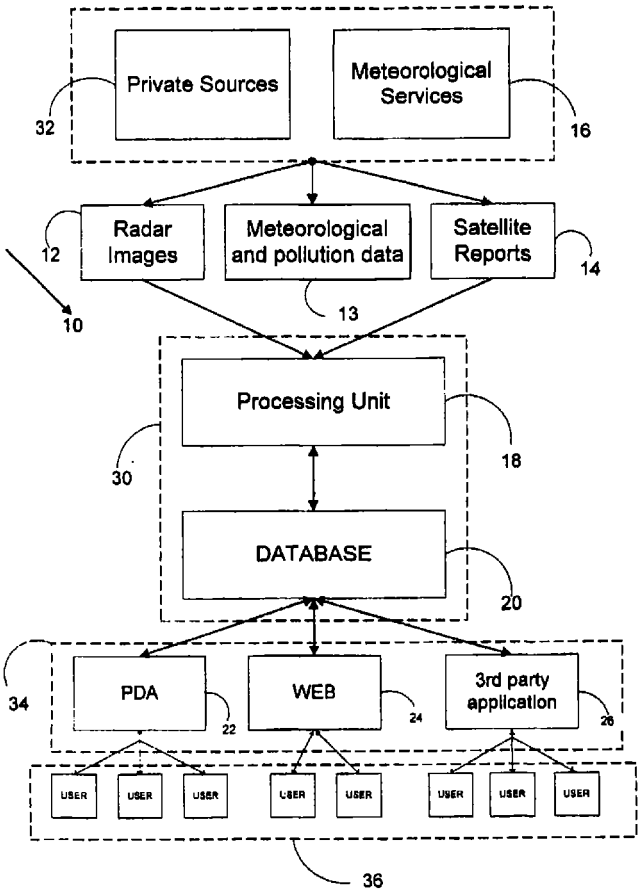
(54) Title: LOCATION-BASED WEATHER NOWCAST SYSTEM AND METHOD



(57) Abstract: A method for providing location-based nowcast, comprises the steps of: a) initiation of a request, by an end-user, for a time evolution of user-selected nowcast weather parameters, the transmission of the request being made over a public communication network to a nowcast request processor; b) the determination of the end-user's actual location by the nowcast request processor; c) the nowcast request processor gathering raw weather data from data sources; d) processing the raw data into a time-series of nowcast parameter maps; e) extracting the time evolution of the user requested nowcast parameters from the time-series of nowcast parameter maps by positioning the end-user's location on said time series; and f) distributing the requested information to end-user regarding the user-selected nowcast parameters within the extracted time evolution.

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