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Forecasting! Formerly it was said that the two bases of weather forecasting were (1) that weather travels, and (2) determination of the character of the weather by the atmospheric pressure distribution. Good weather forecasts were made in the past using these two maxims plus an enormous amount of experience. But now the empirical methods are being superseded gradually by the physical method, whereby the forecaster, with much more data than was formerly available, tries to picture in his mind the processes which are occurring at the moment, and which will occur in the near future. To forecast by this method entirely is the hope of all meteorologists.
