

Reply

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We certainly agree with Dr. Serra that weather in the Southern Hemisphere influences Northern Hemisphere weather. His quotation is a poorly phrased remark taken out of context. A better phrasing would have been "The area *in the model* outside the octagonal grid shown, however, has no *correspondence with the real atmosphere.*"

Only operational realities have inhibited extension of the principal NMC analysis and forecast system farther south. Progress, by the way, is being made in this direction. NMC plans within a year to convert to a model which extends to the equator. The lateral boundary conditions will be derived from considerations of symmetry. It is pleasing to know that these conditions, chosen mainly for convenience, have some basis in theory.