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**COVER** The effective surface temperature variation of the sun between 1983 and 1987 after removing the effect of bright solar faculae from the data. The temperature is calculated on the basis of solar limb data. The red regions are about 0.2% brighter, or 3°C hotter, than the blue areas. Starting in the upper left and moving down and then down in the right column, the images correspond to the sun in the summers of 1983, 1984, 1985, and 1987. See page 908. [J. R. Kuhn, Michigan State University, East Lansing, MI 48824; K. G. Libbrecht, Big Bear Solar Observatory, California Institute of Technology, Pasadena, CA 91125; and R. H. Dicke, Princeton University, Princeton, NJ 08544]

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