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Letters to Nature

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Photometric Observations from the Southern Hemisphere of 5577A Emission from the Aurora on October 28, 1961

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IN a recent communication¹ Silverman reports unusual fluctuations in 5577A airglow emission intensity on October 28–29, 1961, at Sacramento Peak (geomagnetic latitude 41.6° N.). Silverman gives a curve, consisting of readings taken at 10-min intervals for the period 0200–1100 h U.T. on October 29, 1961. The peak intensity for that night is almost 450 and the minimum about 50, the units being unstated. It is of interest to compare these results with some recorded around 1200 U.T. October 28, from a similar experiment at Lauder, New Zealand (170°E.. 45° S. geographic; 50° S. geomagnetic).

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