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Released upon receipt
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March 4, 1935

? WHY THE WEATHER ? Mailed Feb. 25, 1935

SOUTHERN-HEMISPHERE SUNSHINE

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Authority on Meteorology

The summers of the southern hemisphere average a good deal cooler than those of the northern, because so large a portion of the former is covered by water, which maintains a more equable temperature over it than does land. On the other hand, the sunshine is somewhat hotter in the southern hemisphere summers than it is in the northern hemisphere summers. This is because the earth is nearest to the sun at the beginning of January and farthest from the sun at the beginning of July.

"This difference," says Prof. Hann in his Handbook of Climatology, "is sufficiently large to be noticeable. According to Dove, the marked change in the temperature which is felt in stepping from the shade into the sunlight during the summer of the southern hemisphere surprises immigrants into Australia and New Zealand. The heating of the soil and the temperature maxima are greater in Australia and South Africa than in corresponding latitudes in the northern hemisphere, notwithstanding the fact that the mean temperature of summer in the southern hemisphere is, for other reasons, notably lower."

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