

ECLIPSE OF FEBRUARY 3 VISIBLE IN OREGON

In Northwest Corner One Tenth
of Sun's Surface, in Southeast
Corner One Fourth, Will be
Obscured.

University of Oregon, Eugene, Jan. 29.—For the first time in many years, a solar eclipse visible in the northwest will occur on February 3, 1916. The following information regarding it has been prepared by Edward H. McAllister, professor of mechanics and astronomy in the University of Oregon.

The eclipse will be total within a narrow belt, varying from 30 to 50 miles in width, lying mainly in the Pacific and Atlantic oceans. This belt, called the "path of total eclipse," begins in the Pacific ocean some 45 degrees of longitude west of the Isthmus of Panama, traverses the Pacific to the west coast of Colombia, crosses Colombia and the northern part of Venezuela, thence pursues a general north-easterly course, extending nearly but not quite to the British Isles.

Oregon is situated far from the path of total eclipse but for all points in Oregon the sun will rise partially eclipsed. Imagine a line beginning on the north boundary of the state at the point where the Columbia river first touches it (longitude 119 degrees west of Greenwich), and extending thence to the southern boundary of the state at the point where the common boundary between California and Nevada touches the Oregon boundary (longitude 120 degrees); then for all points on that line the "middle of eclipse," or moment of greatest obscuration, will occur precisely at sunrise; for all points in the state east of that line, the middle of eclipse will occur shortly after sunrise, and more than half of the eclipse will be visible; for all points in the state west of that line, the middle of eclipse will have passed before sunrise, and less than half the eclipse will be visible.

The greatest degree of obscuration visible in different parts of the state varies in a complicated manner, but in a general way it may be said that in the extreme northwestern part of the state only about one-tenth of the sun's diameter will appear obscured, while in the extreme southeastern part nearly one-fourth of the diameter will be obscured; at other points within the state the amount of obscuration will fall within these limits.

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Jan. 27, 1916.

Mr. Gard Miller.
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HARRY M. STEWART.
Postmaster.

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—Save 1-3 by buying Rexall School Tablets at Peery's.

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FOR SALE—Nearly new 6-hole Banquet steel range with hot water coil and connections. Also two small heating stoves. See Beebe at Peery's drug store.

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