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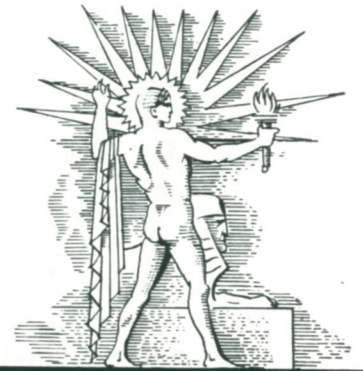
# SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE •



FULL DETAILS  
of SOLAR ECLIPSE  
of AUG. 31



JULY 30, 1932

By Hiding, the Sun Reveals Itself

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SCIENCE SERVICE PUBLICATION



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## THE SUN WILL GO OUT

**T**HE MOON will slowly blot out the sun. The rush of a gigantic shadow across the earth will turn day into night. The sun's corona halo will flash suddenly. Stars will shine in the daytime. The air will have a sudden chill. The greatest astronomical show on earth is scheduled for Wednesday afternoon, Aug. 31, when there will be an eclipse of the sun. The best seats can be found along a hundred-mile-wide band passing through Canada and New England. The public by the thousands and astronomers by the score will occupy vantage points within the path of total eclipse.

Astronomers welcome the opportunity of studying the outer part of the sun for a fleeting maximum time of a hundred seconds. They are now spending days of preparation. The corona can be seen only during the time of total eclipse. It may hold secrets that will affect man's understanding of weather, sun's energy, and radio.

In observatories here and abroad, cameras, spectroscopes, and other apparatus are being groomed for the coming eclipse. Science Service has surveyed the preparations and finds that over 20 parties of astronomers totaling over 200 scientists will be located at some 15 places within the band of totality when the eclipse occurs.

## Partial Eclipse Information

Add a. m. to figures before 12:00 and p. m. to figures after 12:00. Correct the standard time given if on daylight saving time. The extent of the eclipse in per cent. is the amount of the sun's diameter that is darkened at maximum eclipse.

At	Start	Middle	End	Standard Time	Extent
Albany, N. Y.	2:19	3:30	4:35	Eastern	97%
Pittsburgh, Pa.	2:18	3:30	4:38	Eastern	88%
Atlanta, Ga.	2:28	3:40	4:46	Eastern	73%
San Francisco, Calif.	10:56	11:41	12:26	Pacific	15%
Buffalo, N. Y.	2:14	3:26	4:33	Eastern	91%
Boston, Mass.	2:23	3:32	4:36	Eastern	99%
Cincinnati, Ohio	1:16	2:29	3:36	Central	80%
Cleveland, Ohio	1:14	2:27	3:34	Central	87%
Denver, Colo.	11:56	1:05	2:11	Mountain	49%
Chicago, Ill.	1:07	2:20	3:29	Central	79%
Kansas City, Mo.	1:06	2:19	3:27	Central	65%
Minneapolis, Minn.	12:55	2:09	3:18	Central	75%
Los Angeles, Calif.	11:11	11:56	12:40	Pacific	15%
New Orleans, La.	1:32	2:43	3:48	Central	59%
New York, N. Y.	2:23	3:34	4:39	Eastern	95%
Philadelphia, Pa.	2:23	3:34	4:40	Eastern	93%
Portland, Ore.	10:30	11:29	12:28	Pacific	33%
Raleigh, N. C.	2:29	3:40	4:46	Eastern	84%
Salt Lake City, Utah	11:49	12:53	1:56	Mountain	39%
Seattle, Wash.	10:25	11:27	12:28	Pacific	38%
St. Louis, Mo.	1:11	2:25	3:33	Central	71%
Tallahassee, Fla.	2:36	3:47	4:52	Eastern	68%
Washington, D. C.	2:24	3:35	4:41	Eastern	89%

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