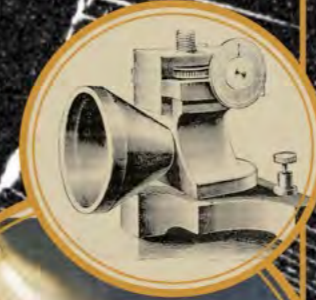


American Eclipse

A NATION'S
EPIC RACE
TO CATCH THE
SHADOW OF THE
MOON AND WIN
THE GLORY OF
THE WORLD

DAVID BARON

AUTHOR OF *THE BEAST IN THE GARDEN*













Thousands Across U.S. Join Scientists in Look At Eclipse of the Sun

The big celestial show was on today with 4:35 p. m. the curtain time for Mohawk Valley residents.

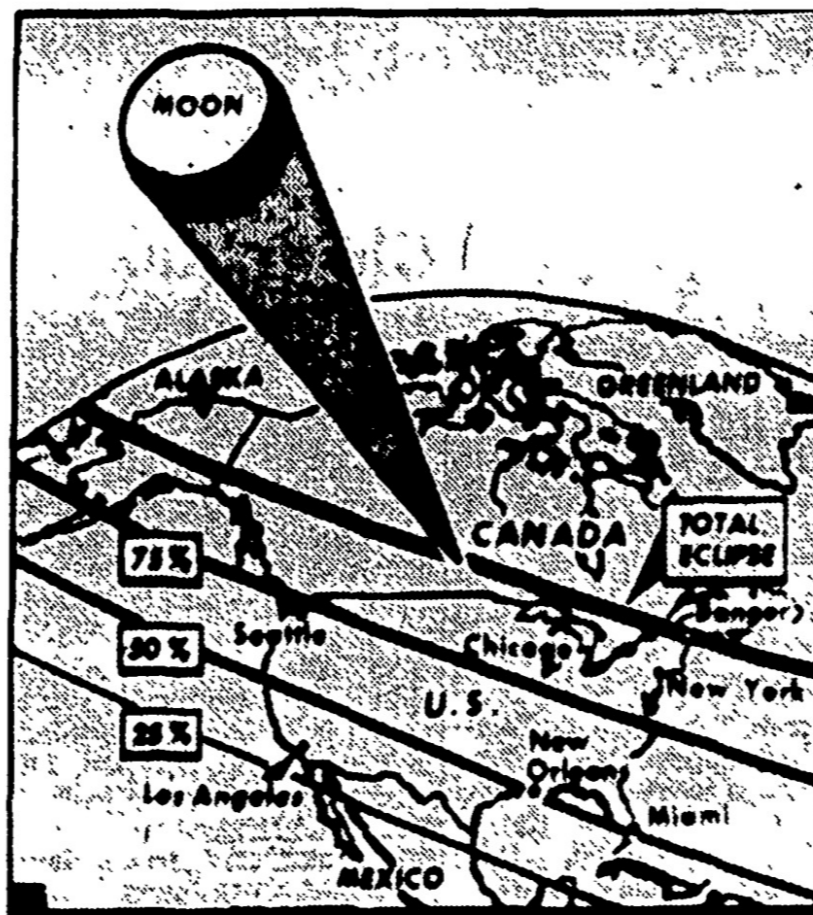
The first solar eclipse for more than 30 years took place, but in the Utica area the sky had been cloudy most of the day.

In this area, 6:47 was the time for the eclipse to end with the maximum amount of sun coverage locally (90 per cent) at 5:49.

• • •

THE CITY'S THREE swimming pools were ordered closed from 4:15 to 6:45, Leslie Roemer, Utica's recreation director, said. He thought swimmers could have suffered eye damage from viewing a reflection of the eclipse on the water.

Swimming pools in Ilion, Frankfort and Herkimer also were ordered closed during the eclipse. In Mohawk the pool did not close, but directors warned bathers not to look at the sun during the eclipse.



PATH OF ECLIPSE — The first solar eclipse visible throughout the continental United States in 30 years began this afternoon, but only Alaska and Maine were in the path of a total eclipse. The schedule of the eclipse for Utica residents was from 4:35 to 6:47 p. m. with about 90 per cent of the sun "blacked out."

By ALTON BLAKESLEE

New York (AP) — Scientist and children, and thousands of people of all occupations and ages, joined in common celestial cause today — looking at an eclipse of the sun.

The rendezvous of moon and sun came during afternoon hours throughout the continental United States, but with the moon covering only part of the glowing disc.

Only in a 60-mile wide swath through Alaska and Maine would the eclipse be total, with day turning to night and stars popping out, with comets possibly becoming visible in their flirtations with the sun.

There, with an array of carefully-tuned instruments, hundreds of astronomers and other scientists were stationed for the rare opportunity to analyze the sun's pearly halo or corona, its temperatures and changing structure, the bending of starlight passing close to the sun, the airless and

the Moscow peace talks were scheduled to meet this evening for what was believed to be their first encounter since the Chinese arrived two weeks ago.

Khrushchev disclosed his date for a supper meeting with the Chinese to diplomats at the reception for Kadar.

Only yesterday Khrushchev issued his most outspoken blast at the Red Chinese for challenging his leadership of the world Communist movement. Peking promptly issued a new attack.

Talks between the Chinese and Soviet Communist Party delegates were in one of their periodic recesses. They were said to have been arguing about a communique to end the talks.

Khrushchev has had no known contact with the Chinese delegation, headed by Communist Party General Secretary Teng Hsiao-Ping, since their arrival July 5.

DURING the first part of their visit he was out of town. He devoted his attention this week to Harriman.



CHRISTENING INCIDENT—Mrs. Eunice Shriver as she led her crying son, Timothy, from St. Francis Xavier Church in Hyannis, Mass., last night after the boy fell and hurt his knee. They were attending the christening of Atty. Gen. and Mrs. Robert Kennedy's eighth child, Christopher George. (AP Wirephoto.)

JFK's Program: Yachting, Golf

Hyannis Port, Mass. (AP) — President Kennedy settled down today for a weekend of family frolicking, yachting and golf—after playing second fiddle yesterday to an eminent churchman.

Kennedy planned to do some cruising aboard the White House yacht Honey Fitz, some swimming over the side and perhaps get in another abbreviated round of golf — weather permitting.

Boston's Richard Cardinal Cushing put Kennedy in the shadows at the sometimes solemn, sometimes rollicking baptism of the President's 11th nephew, 15-day-old Christopher George Kennedy, the eighth child and fifth

of times at the broad, nasal accent of the Boston cardinal as the name "Christopher George" popped up in the Latin ritual.

The attorney general and wife, Ethel, who had to borrow a lace mantilla after entering the church sacristy for the ceremony, did more than grin. They giggled.

Kennedy and daughter Caroline, 5, went together to the church—and both had their difficulties with the cardinal.

Caroline's chattering after the ceremony caught the cardinal's attention and he quieted her with this admonishment:

"If you don't keep quiet, I'll take up a collection."

pool did not close, but directors warned bathers not to look at the sun during the eclipse.

The State Health Department thought any damage to the eye due to sun radiation increased by reflection from the water was unlikely. Deputy Commissioner Dr. Granville Larimore said the water of a swimming pool would be too choppy to produce a constant reflection.

DESPITE THE WARNINGS and possible unfavorable weather, a group of Utica Amateur Astronomers Club members headed for Deerfield Hill to observe the eclipse.

The club's president—Peter Reddick — and secretary-treasurer — Terry Lutz—left late last night for Three Rivers, Canada, 80 miles south of Quebec and dead center in the eclipse's umbra.

The umbra is the thin strip of land (60 miles wide) where the sun will be blocked totally from view. It cuts through Alaska, Canada and Maine.

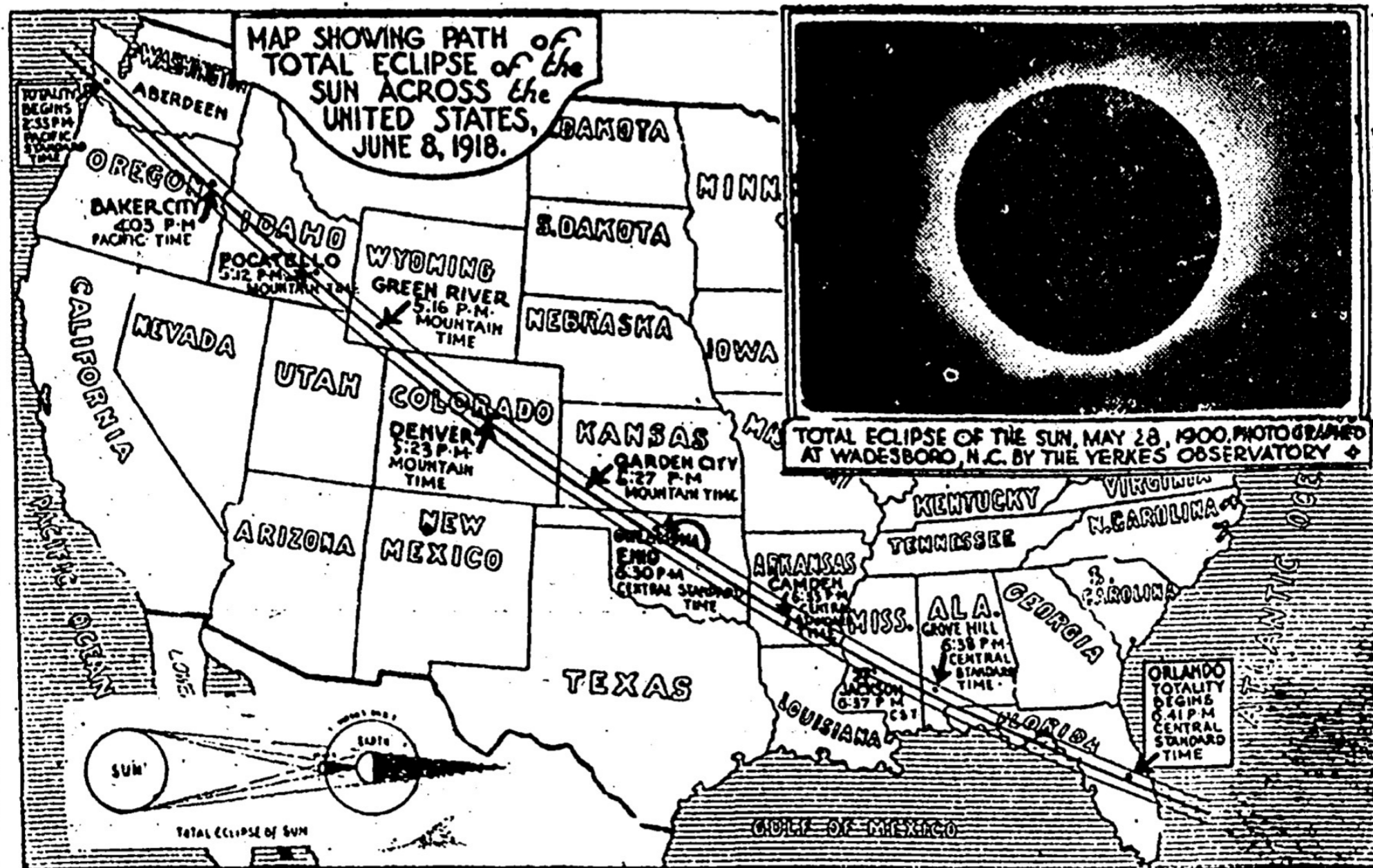
In Utica in the penumbra (place of partial eclipse), the amateur astronomers on Deerfield Hill said they would take pictures (weather permitting) through a six-inch reflector and a

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THOUSANDS POINT GLASSES AT SUN TO WATCH ECLIPSE

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AMERICANS PUSH
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AMERICANS PUSH GERMANS BACK IN THREE-DAY BATTLE

Yankees Spring to Attack
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Marne Valley.

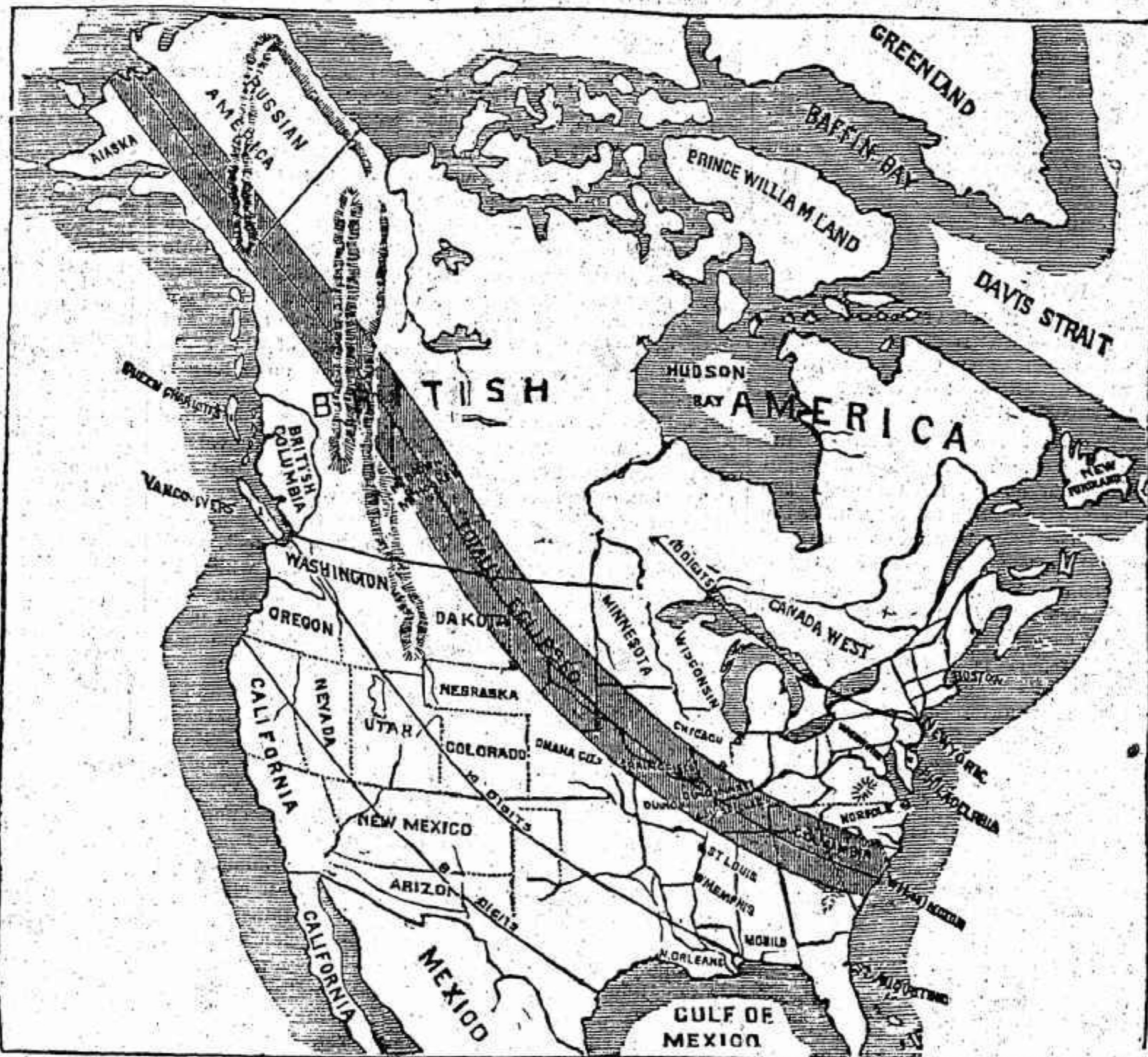
(Continued From Page One.)

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**CORONA IS BIG SHOW
DURING AN ECLIPSE.**

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THE PATH OF THE ECLIPSE.



The shaded belt in the above map represents the path of the total eclipse. The parallel lines show the extent of partial obscuration; one, passing through New-York on the north and Mobile on the south, represents the limit of an obscuration of ten digits, or five-sixths of the sun's disk; another, through New-Mexico and Nevada, an obscuration of eight digits.

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For the benefit of those re
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PRICE FOUR CENTS.

WASHINGTON.

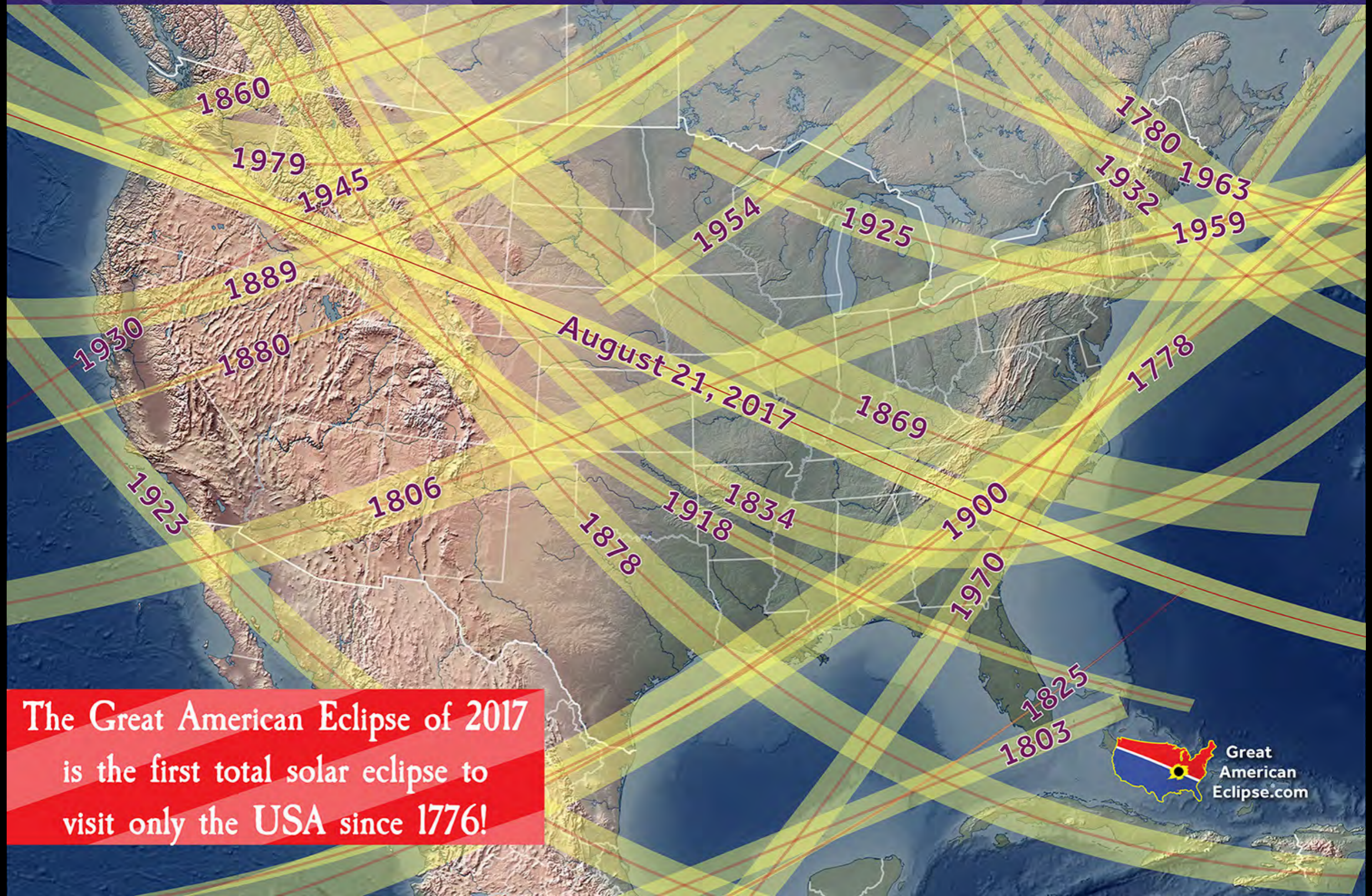
THE TENNESSEE ELECTION—WHAT THE POLITICIANS THINK OF IT—ANXIETY FOR THE PRESIDENT'S RETURN—THE SPANISH GUNBOATS—RETRENCHMENT IN THE TREASURY DEPARTMENT—PROBABLE CONVENTION OF LIQUOR DEALERS—THE NAVAL COURT-MARTIAL.

[BY TELEGRAPH TO THE TRIBUNE.]

WASHINGTON, Thursday, Aug. 5, 1869.

All day long Washington has talked and wondered about Tennessee. The election to-day excited profound interest, as the result, it was thought, would be an indication of the general political state of the South. It was not till late in the evening that anything definite was known, though there had been plenty of reports. Then came the first gun—the news that Memphis had gone 2,000 for Senter. This was a heavy blow to the friends of Stokes, who had counted on Memphis as certain to go for their candidate. Memphis, it is true, is a Conservative city, but it has a very heavy negro vote.

All the total solar eclipses across the United States of America from 1776 to 2017



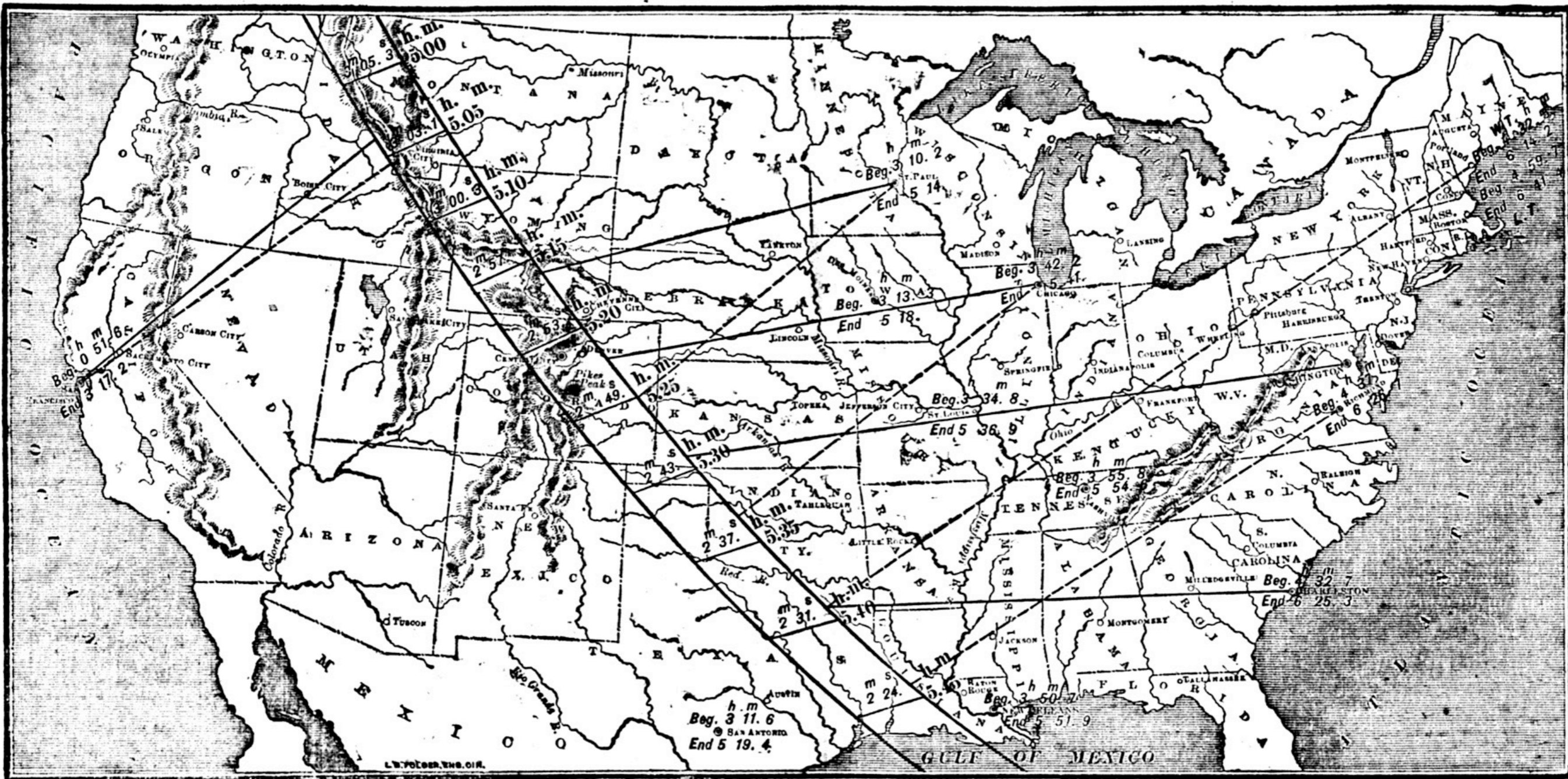
The Great American Eclipse of 2017 is the first total solar eclipse to visit only the USA since 1776!

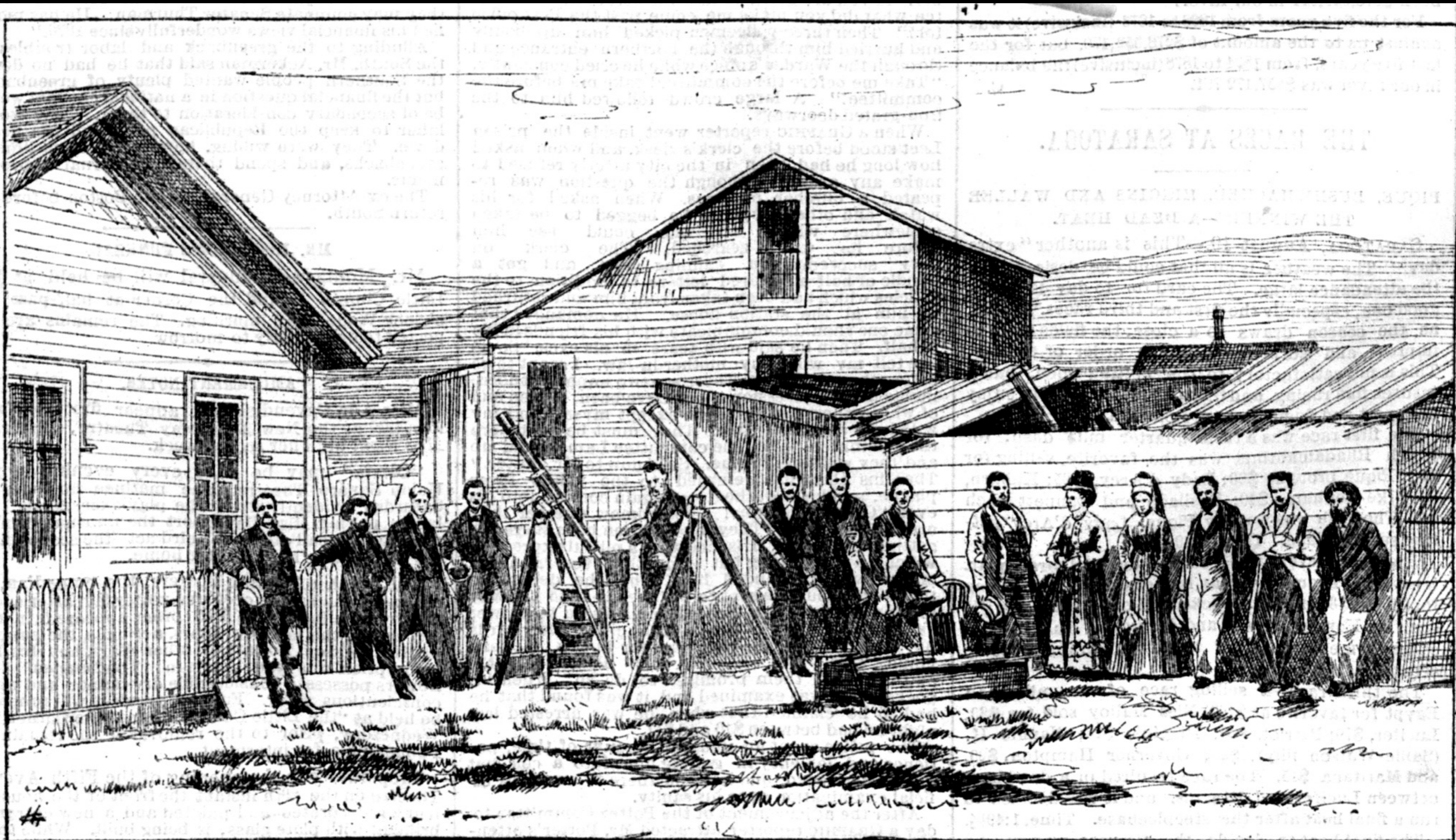


The Chicago Times.

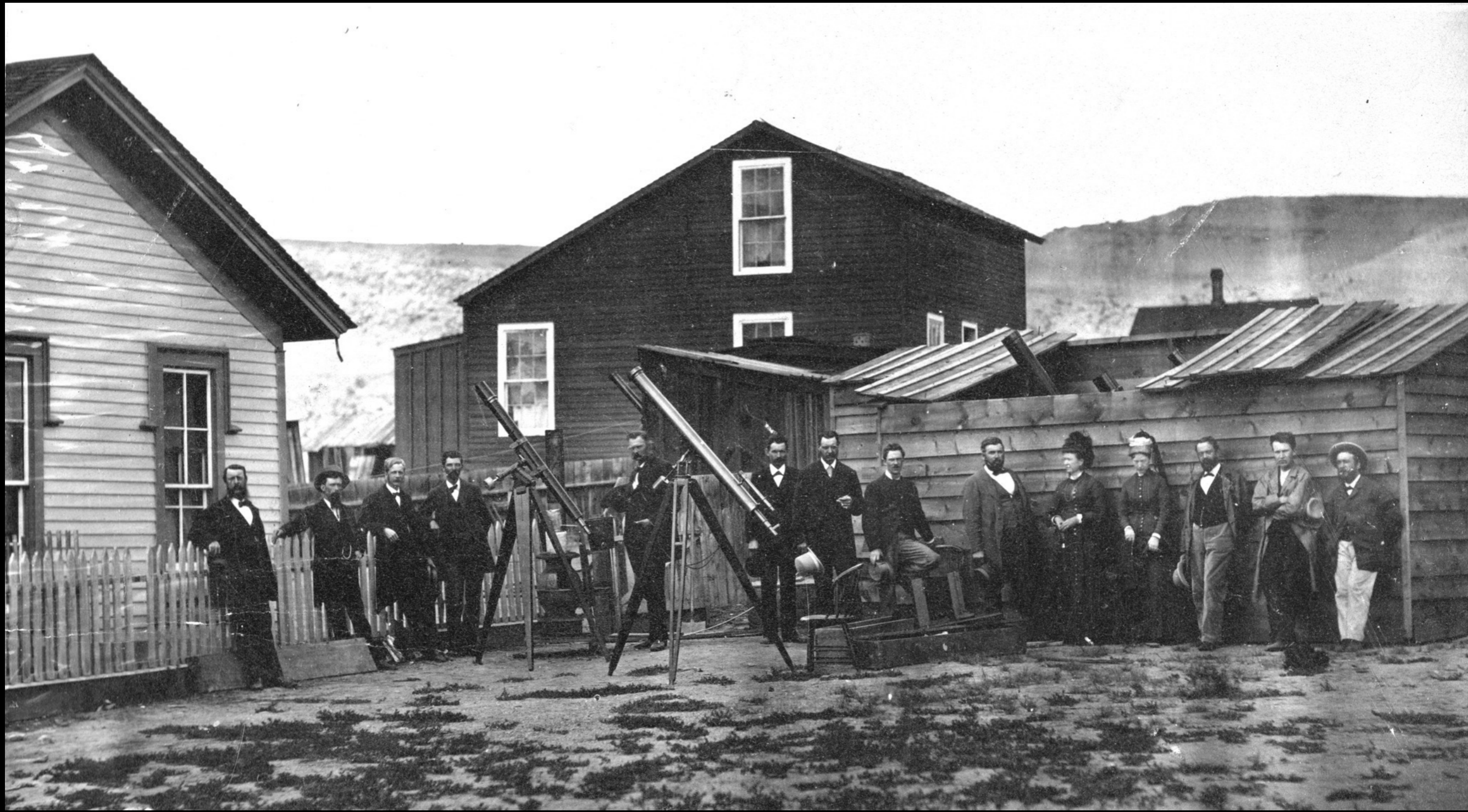
MONDAY MORNING, JULY 22, 1878.

THE PATH OF THE ECLIPSE.

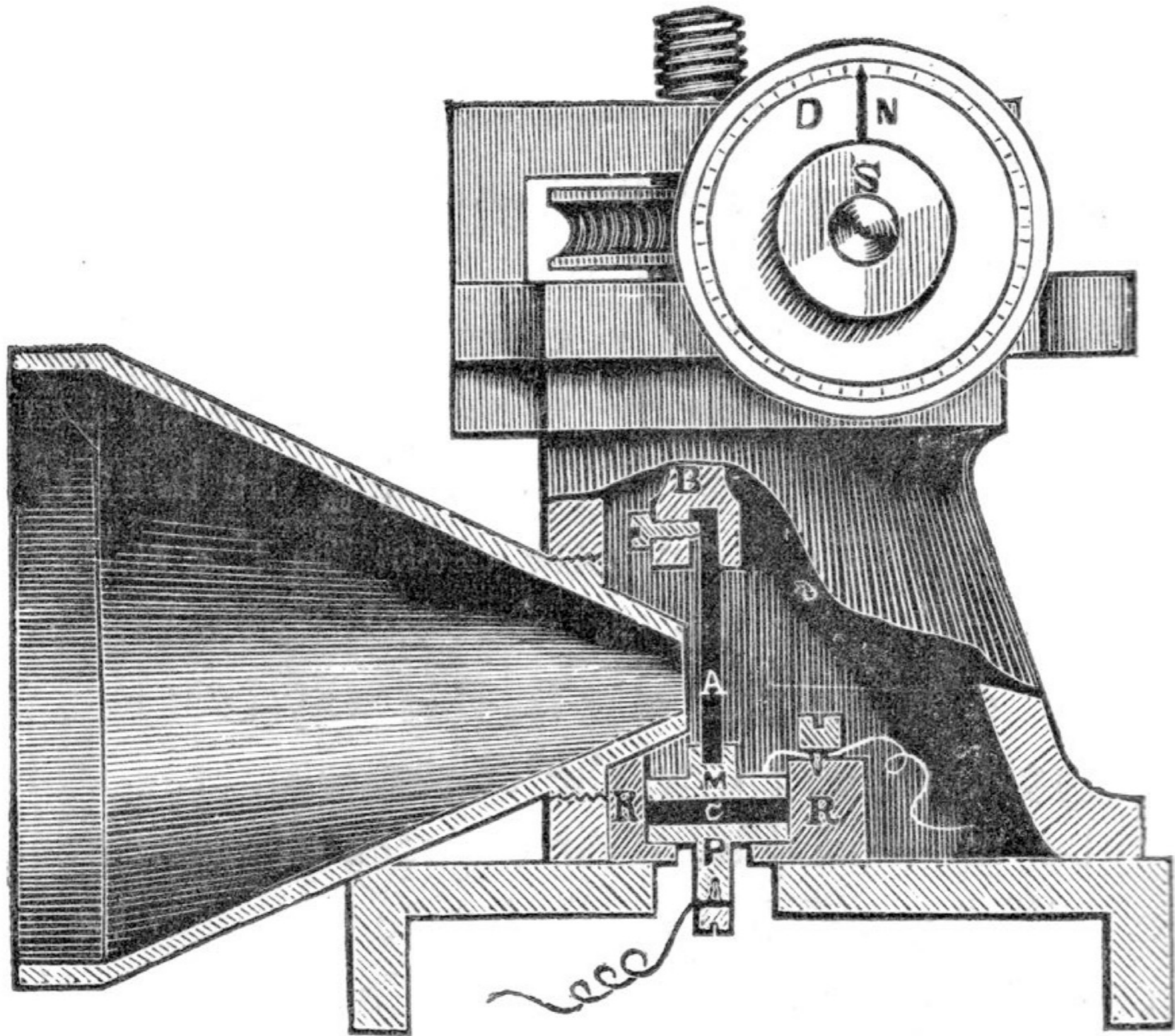




THE ECLIPSE STATION AT RAWLINS, WYOMING TERRITORY.
THE RECENT ECLIPSE OF THE SUN.





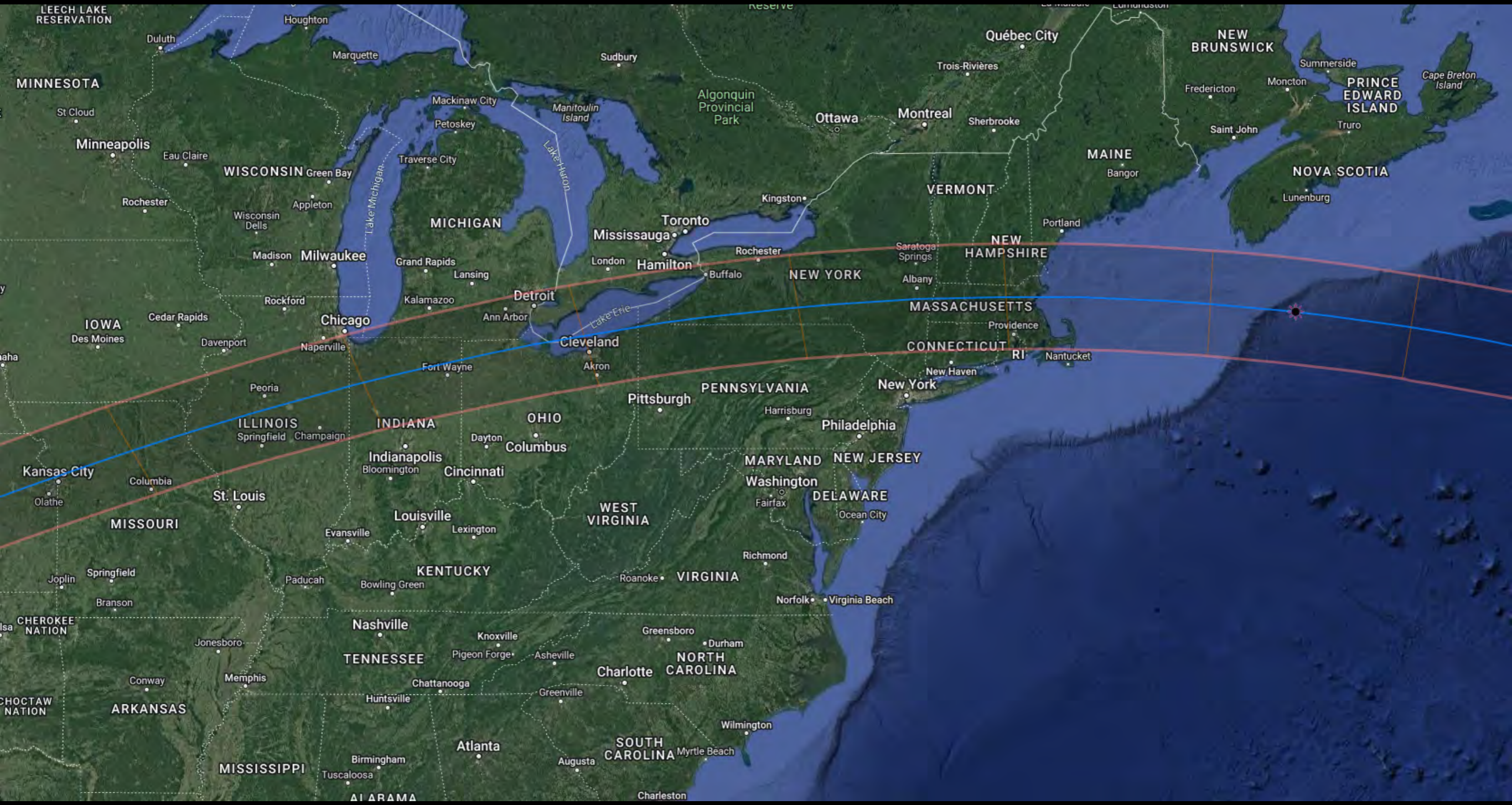


The Tasimeter.



Maria Muleton

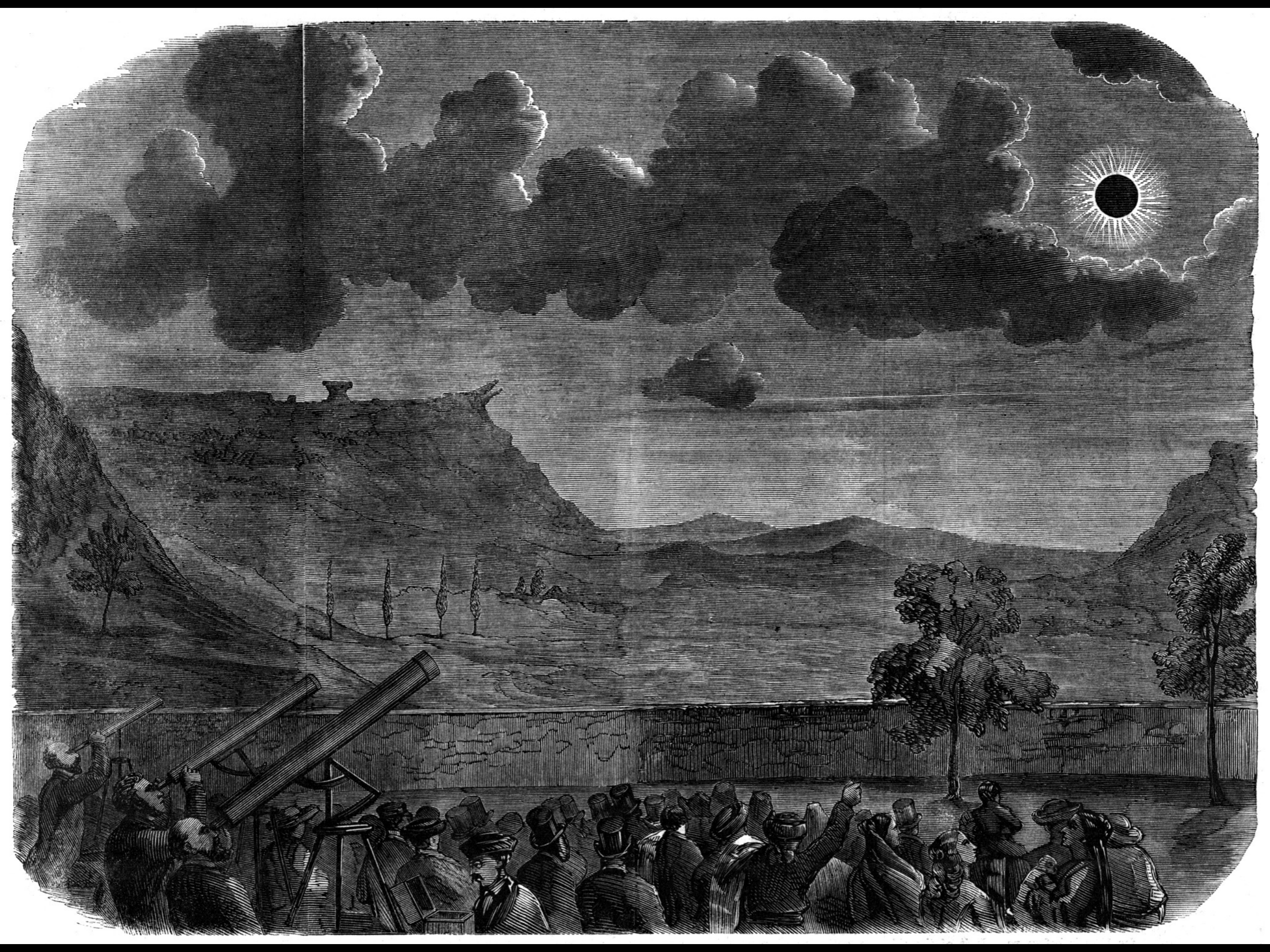




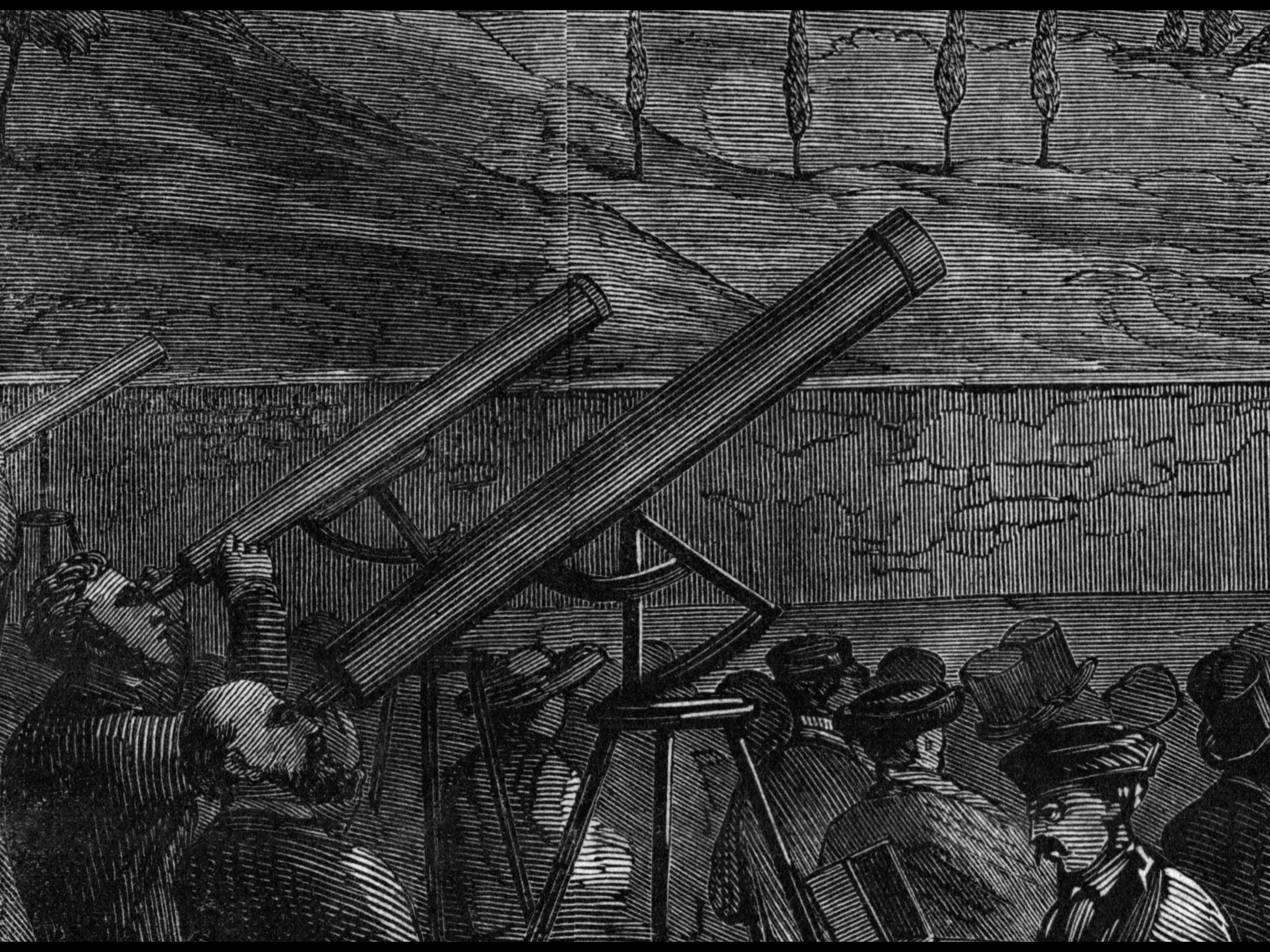


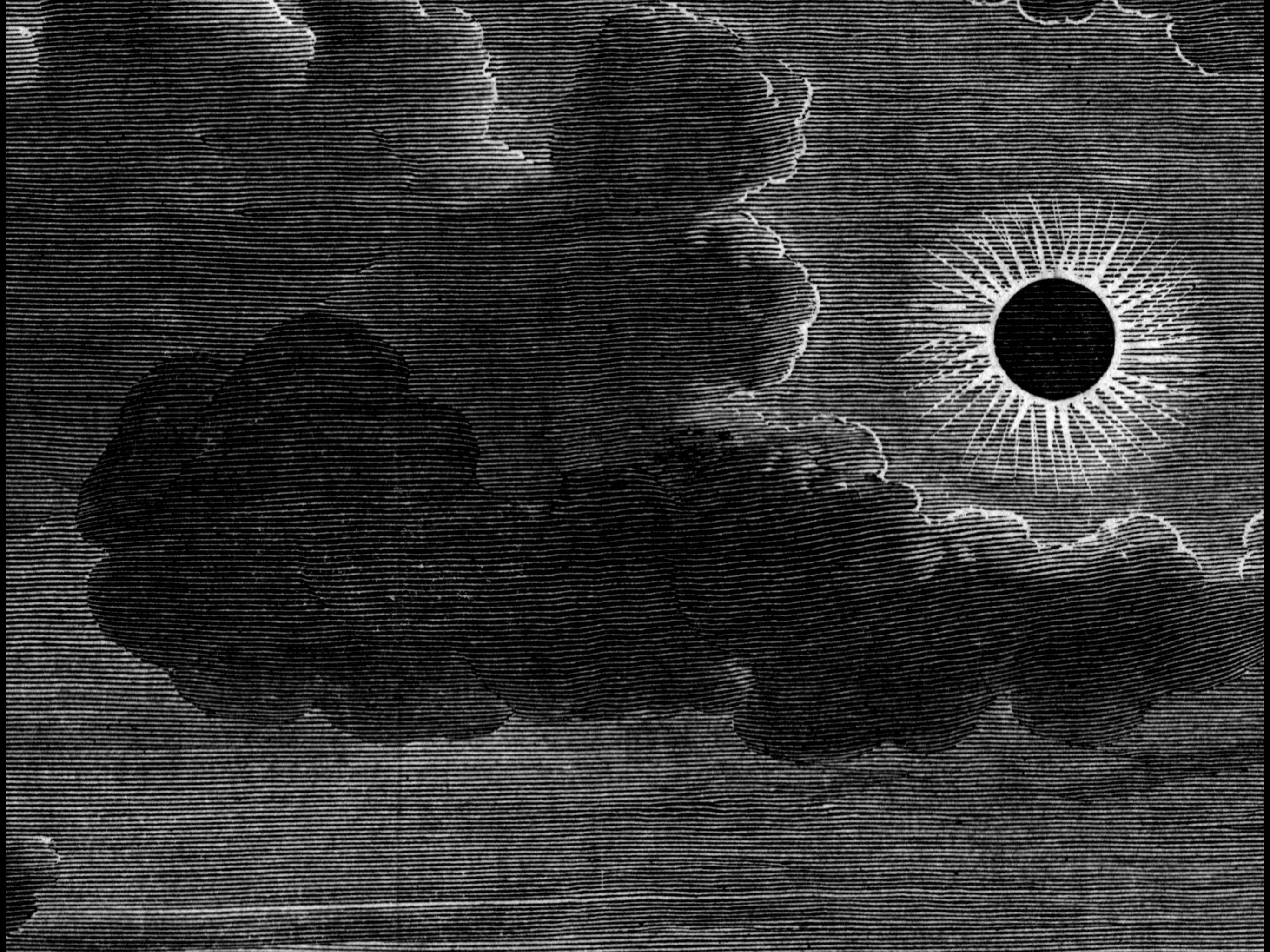
Engraved by J. C. Buttre.

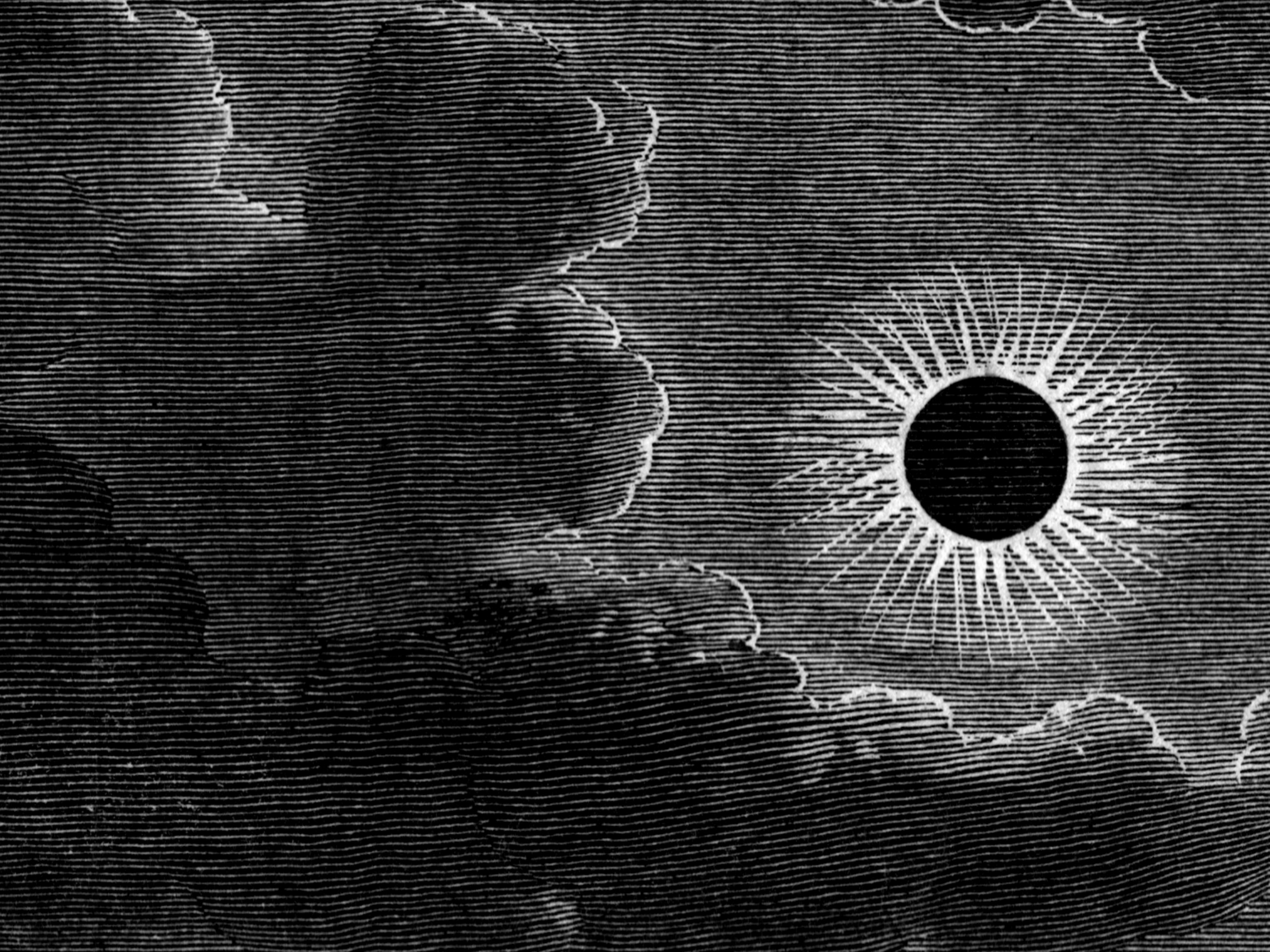
J. Fenimore Cooper












HARPER'S WEEKLY

A JOURNAL OF CIVILIZATION



Vol. XXII.—No. 1130.]

NEW YORK, SATURDAY, AUGUST 24, 1878.

[WITH A SUPPLEMENT.
PRICE TEN CENTS.

Entered according to Act of Congress, in the Year 1875, by Harper & Brothers, in the Office of the Librarian of Congress, at Washington.



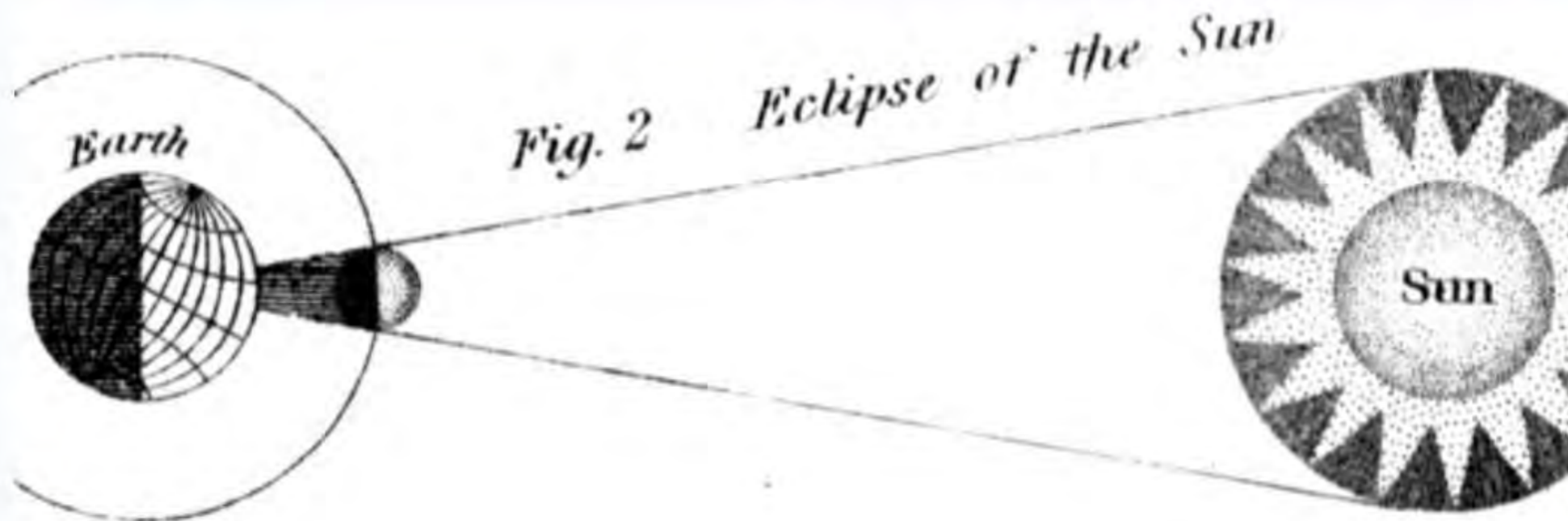
THE GREAT SOLAR ECLIPSE.—SKETCHED AT SNAKE RIVER PASS, COLORADO, BY ST. GEORGE STANLEY.—[SEE PAGE 675.]

Portal to the Past: Make Your Own Eclipse History Exhibit



Dillon Connelly
August 16, 2023

0 Comments



by guest blogger David Baron, author of [American Eclipse: A Nation's Epic Race to Catch the Shadow of the Moon and Win the Glory of the World](#) due to be republished in February 2024 as a new and updated paperback edition.

<https://tinyurl.com/mvbmpd5a>

WEATHER: Fair to-night and tomorrow; not so cold tomorrow.

The Evening News

EXTRA EDITION

NUMBER 2462 Published Every Evening Except Sunday by The Patriot Company

HARRISBURG, PENNA., FRIDAY, JANUARY 23, 1925

Entered as Second-Class Matter at the Post Office at Harrisburg

PRICE TWO CENTS

BLIMP UP ALL NIGHT TO GREET ECLIPSE

Three Highwaymen Flee With \$15,000 in Loot In Running Gun Fight

SPEEDING SIGNS MUST CONFORM TO LAW, RULING

Unless speed limit signs in municipalities of Pennsylvania read exactly as the wording of the State law requires, persons arrested for speeding cannot be prosecuted, Judge John E. Fox, of the Dauphin County court, ruled today in dismissing the case of George Hill, Harrisburg motorist.

The case which brought this ruling—believed to be the first in the State—resulted from the arrest of Hill in Dauphin recently. Hill argued that the sign at the end of the borough did not read as the State act on such matters requires and fought prosecution. He was backed by the Motor Club of Harrisburg.

Must Be Legal
The effect of the ruling is that cities, towns, and boroughs cannot put up any kind of sign to regulate speeding, but must conform to the letter of the law. The legal reading, aside from specifications as to heights of letters, etc., is: "Fifteen (15) Miles Speed Limit." This ruling was made in three cases brought by E. H. Sholter, constable of Dauphin, one against Hill and the others against Harold E. Motter, also of this city, and C. Edward Kain, of York.

J. Clyde Myton, secretary-treasurer of the Motor Club, showed by photographs that the Dauphin signs do not conform with the law. After the introduction of this testimony, Karl E. Richards, assistant district attorney, admitted that the Commonwealth did not have any case.

MERCURY TO GO TO 10 TONIGHT

Weather Forecaster Demain today forecast that the temperature will drop to 10 degrees above zero to-night. "The fair weather indicated for the next forty-eight hours will be accompanied by below-freezing temperatures," he said, "and tonight will be one of the coldest this city has had for some time."

Yesterday was one of the warmest in weeks, the temperatures having

International News Service
BRISTOW, Okla., Jan. 23.—Two men were wounded and a trio of bandits escaped with more than \$15,000 when they held up the American National Bank of Bristow. Chief of Police W. H. Hammond and those in the bank joined in an exchange of shots with the fleeing yeggs. Two unidentified persons in the crowd suffered flesh wounds.

GUARD SLAYER OF MOTHER DUE TO DEATH THREATS

SAN FRANCISCO, Jan. 23.—Fearing a plot to dynamite the Hall of Justice, where Dorothy Ellingson, the "jazz baby" mother slayer, is confined, police today threw heavy guards around the girl and the building.

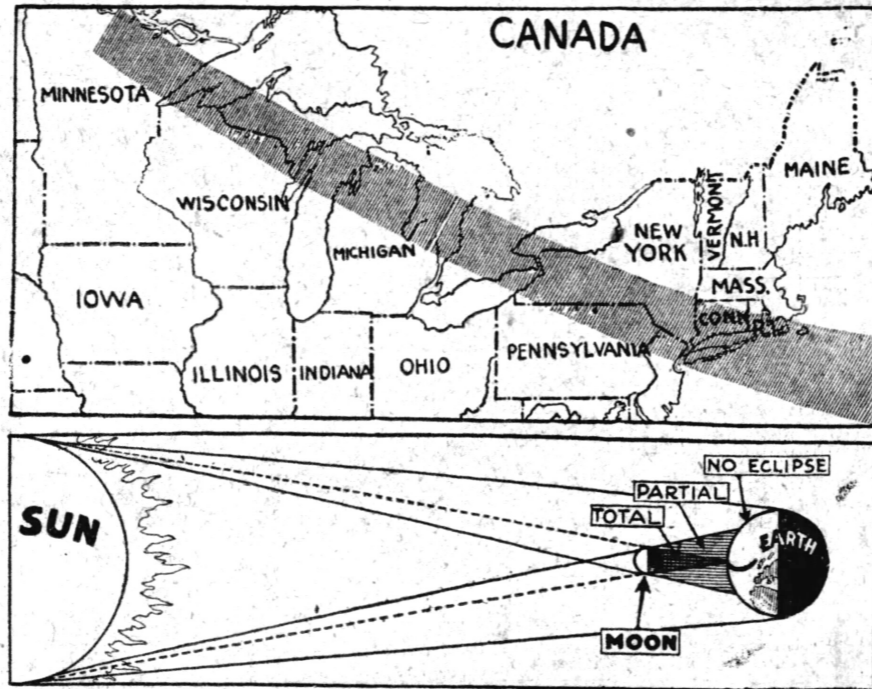
Letters and notes threatening to lynch the 16-year-old child, who sent a bullet into the back of her mother's head and then ran off to dance and drink gin, were received today by both the girl and police. "The threats are anonymous, but so was the bomb which was recently set off in the vestibule of the Hall of Justice when scores of officers narrowly escaped death," declared Captain of Detectives Duncan Matheson.

HOLD YOUTH FOR BROTHER'S DEATH

PHILADELPHIA, Jan. 23.—Howard Moore, 19, was arrested today by Cumberland County, N. J., detectives, in connection with the death of his brother, Thomas Moore, who last night was shot through a window of his home at Millville, as he sat at the bedside of his mother. Howard indignantly denied it was he who fired the shot through the window which killed his brother.

The possibility of a feud between the brothers over the love of Hilda, 21-year-old widow of the slain man, was hinted at by authorities today. Statement from Howard's family that he had been seen examining a shotgun earlier in the day are said to have been made by the police. The murdered man, who is a glass blower and member of the Millville baseball team, last night sent his wife and two small children to the movies. He elected to stay at home and attend

Why and How of the Eclipse



The path of the total eclipse is shown by the shaded band on the map running from northern Minnesota to the Atlantic coast. Harrisburg is not in the zone of the total eclipse but a 98 per cent. eclipse can be observed from here if the weather is fine. The diagram illustrates the how of an eclipse. The moon coming between the sun and the earth throws a conical shadow, the trail of which is called the shadow band on the earth. Outside this band the sun will be seen only in partial eclipse, as shown by the shaded surface touching the earth. Outside this, no eclipse will be seen.

Casals and Karle Offer Rare Musical Delights In Their Joint Recital

Instrumental and vocal music of rare beauty featured the delightful program presented last night at the Orpheum Theater by Pablo Casals, Spanish cellist, and Theo Karle, American lyric tenor, in the fourth of the series of concerts given during the Fall and Winter under the auspices of the Harrisburg Music Association and THE PATRIOT and THE EVENING NEWS.

By the presentation of the joint program, music lovers of Harrisburg and vicinity were given the opportunity of hearing two top notchers in their chosen fields perform in such a masterly manner as resulted in well merited applause by the audience, and also in many requests for additional numbers. The recital marked the first appearance of Casals in this city, an occasion that will be long remembered by those who heard him. His playing of the cello was a revelation and a joy. The listener readily understood, before the end of the first offering, why he has been called the "Paganini of the cello."

Panorama of Varying Moods
The Spaniard has been dowered with a wide range of moods. A previous will, dated July 15, 1924, provided that the widow was to receive \$100,000 in cash, the balance of the estate to be held in trust. No estimate of the total value was given.

Scientists Will Strive for New Data of the Eclipse

It all depends on the weather. If the sky is clear, tomorrow morning, more people will be able to observe a total eclipse of the sun than have ever had this opportunity before, though the eclipse will be ninety-eight per cent. total in Harrisburg.

This eclipse, beginning about 120 miles west of Duluth, Minn., will pass over the populous area of northern Michigan and Wisconsin, southern Ontario, diagonally across New York, northern Pennsylvania, New Jersey and Connecticut. Then it will go on at the speed of 2000 miles an hour, crossing the lanes of ocean liners until it will leave the earth at sunset a short way west of Scotland.

For 100 miles across this band, the sun will be blotted out completely by the moon, for an interval of two minutes. Outside, to the north and south, the sun will be seen only in partial eclipse, as will be the case in this city. This band of totality is nothing more than the shadow of the moon on the earth, like that of a cloud that momentarily shuts out the sun.

It is within this 100-mile band that helpful scientific observations can be made. Outside, the phenomenon appears only as a disk crossing part of the sun's face and partly shutting off its light. Inside the shadow this is only a pro-

NAVY DIRIGIBLE TO SOAR ABOVE CLOUDS TO MAKE CERTAIN OF DATA

LAKEHURST, N. J., Jan. 23.—The Navy dirigible, Los Angeles, is going to wait up all night for the eclipse.

Some time this evening Commander J. H. Klein, Jr., will take his craft aloft and cruise about in the vicinity of Nantucket lightship until sunrise, when the taking of photographs will begin.

At 9 a. m. the Los Angeles will be over or near the Nantucket lightship as the eclipse approaches totality. The airship's crew has been specially instructed in how to assist the scientists with their cameras and other paraphernalia. The plan will be especially valuable as a means of getting scientific data if the day is cloudy.

The Los Angeles will send a 700-word story of the eclipse as seen from above to the United Press Association headquarters in New York. At 11 a. m. the airship's radio broadcasting station NERM will send out an account of the observations.

The Los Angeles will send the eclipse developments by radiophone to twelve eastern stations, which will pick up the story and relay it. Practically all the large broadcasting stations in the East have agreed to co-operate with the Navy.

The Los Angeles will send on 250 kilocycles, 1200 meters, 200 watts, beginning at 11 a. m., Eastern standard time. A test will be held at 11:30 tonight while the dirigible is under way.

Astronomers, trained observers and expert photographers will go into the air to meet the eclipse, if not half way, at least at a distance that will permit escape from the dense atmosphere near the earth. Even should clouds and inclement weather interfere with observation from below, camera men in speeding airplanes and atop the great envelope of the United States Navy dirigible Los Angeles will be filming the greatest movie nature has ever produced in these parts.

At 9 a. m. tomorrow, hovering at a height of 6000 feet over Nantucket lightship, the Los Angeles

Turn to Page Twenty-one
Not Until 2024 Will City See Such an Eclipse

Clear Skies Predicted Here During Eclipse Period

"Cloudless skies forecast for tomorrow will give Harrisburg an excellent opportunity to view the eclipse," W. J. ...
Turn to Page Four
FIND COUNTERFEITING GANG

TRAWLER DRIVEN ASHORE; FIVE LOST
ABERDEEN, Scotland, Jan. 23.—The trawler Ulster was driven ashore in a storm today. Five of the crew were reported lost.

20 ESCAPE \$200,000 FIRE AT TROY
TROY, N. Y., Jan. 23.—One woman was overcome and twenty persons fled to safety when fire threatened a business block in the heart of this city early today. The damage was placed at \$200,000.

COLD WAVE STRIKES NEW YORK
NEW YORK, Jan. 23.—A powerful wind blew the winter's coldest weather here into New York's face today. The thermometer recorded eight degrees above zero, two degrees lower than the previous low mark. The weather bureau forecast that that temperature would prevail for two days more.

AGED MAN FOUND DEAD WITH GUN IN HAND
PITTSBURGH, Jan. 23.—With a newly purchased revolver gripped in his right hand, the body of John Mager, 72, was found in his room here today. He had been shot through the right temple. A sheet of paper carrying printed directions for cleaning revolvers was found beside the body.

SALE OF FARM PRODUCTS ENDS 9TH ANNUAL SHOW

Awards of prizes and sale of exhibits today brought the ninth annual State Farm Products Show to an end. Forty thousand persons witnessed exhibits and attended several score meetings held in connection with the show.

Ten thousand of these were farmers from all sections of the State who came here during the week to take part in the educational meetings of the twenty-seven agricultural organizations and to see the electric farm and the displays in the four exhibition buildings.

The visitors and residents of this city got their last look at the exhibits this morning, the sale of prize-winning eggs, fruit, potatoes and honey going on sale at that time. One meeting was held today—that of the Pennsylvania Farmers' and Threshermen's Protective Association.

Apples Seven Cents Each
Crowds of purchasers thronged the Emerson-Brantingham Building to do some shopping directly from producers but they failed to find anything selling for a "song."

The prices were about the market figure, however, and the products represented the best that farmers of the State had grown during 1924. Apples sold for seven cents each on plates of five and for from \$2.50 to \$4 in bushel lots. Baldwin, Winesap,

Turn to Page Six
Reading Co. Y. M. C. A. May Erect New Building

A new Y. M. C. A. building at Rutherford will be a necessity within a few years because of the growth of the institution at that Reading Company town, it was brought out last night at the sixteenth anniversary observance of the "Y" at the Memorial Lutheran Church in this city.

Charles D. Meyer, president of the Rutherford Y. M. C. A., outlined the tentative plans for the future development of the work and other speakers were J. B. Garruthers, State secretary.

NEW BLOOMFIELD MAN IS AWARDED 17 APPLE PRIZES

Central Pennsylvania came into its own today, farmers from this section winning scores of awards for prize exhibits of fruit, honey, nuts, corn and other grains displayed here this week in the Ninth Annual State Farm Products Show.

Dauphin, Cumberland, Adams, Franklin, Perry, York and Lancaster County farmers won prizes ranging from \$1 to \$10 in the final show awards announced today.

These seven counties captured seventy-eight of the 141 prizes awarded for fruit displays, the majority of these being given for apple exhibits. Lebanon County also shared in some of these awards.

Perry and Adams County farmers won many individual apple prizes but they had no collective county exhibits. As a result the county first prize went to the Chester-Delaware exhibit, with Luzerne County second and Lancaster County third.

In the corn awards, however, the first county prize, a silver cup, went

Turn to Page Thirteen
Threshermen Select Officers for 1925

The following officers were elected by the Pennsylvania Threshermen and Farmers' Protective Association this afternoon: H. L. Anderson, Mercer County, president; J. H. Brubaker, Lancaster County, vice-president; J. A. Rose, Harrisburg, secretary-treasurer; S. M. Kepler, Westmoreland County, delegate to the National convention, and the Rev. H. B. King, of Paxtang, chaplain. Members of the executive committee are: Evan J. Moore, Chester County; H. S. Lee, Washington County; Spencer Barber, Dauphin County; J. E. Irvin, Huntingdon County; E. F. Strausbaugh, Adams County, and S. M. Brunner, Perry County.

State Legion Commander Announces Appointments
CLEARFIELD, Jan. 23.—J. Mitchell ...

n Flee Loot Fight

News Service
la., Jan. 23.—Two
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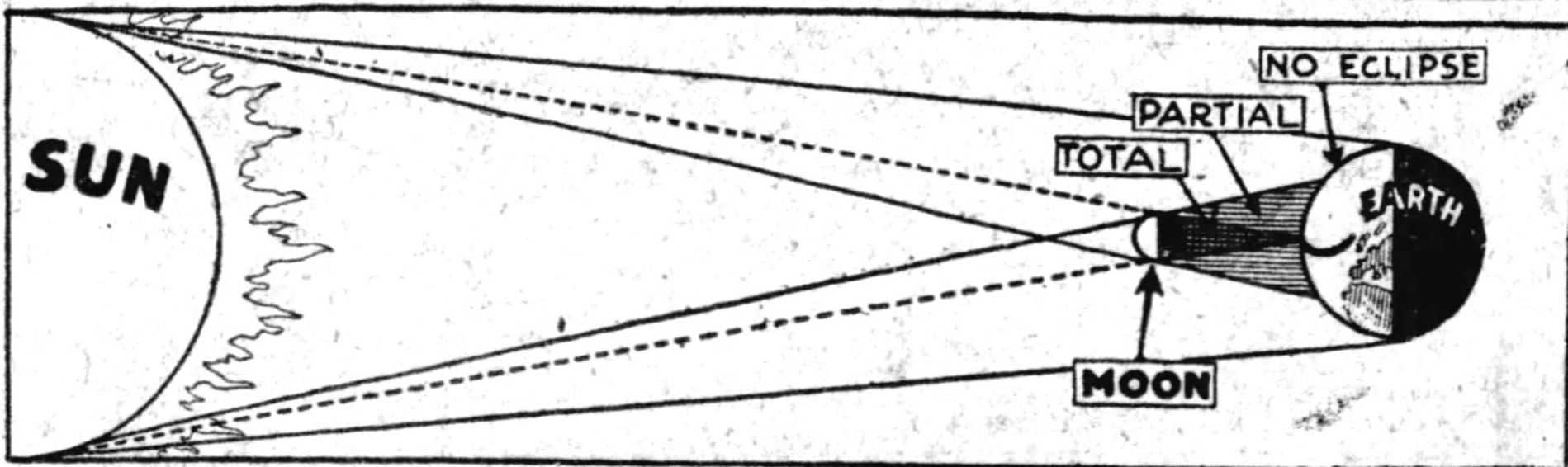
LAYER OF DUE TO THREATS

SCO, Jan. 23.—
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and police.

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Why and How of the Eclipse



The path of the total eclipse is shown by the shaded band on the map running from northern Minnesota to the Atlantic coast. Harrisburg is not in the zone of the total eclipse but a 98 per cent. eclipse can be observed from here if the weather is fine. The diagram illustrates the how of an eclipse. The moon coming between the sun and the earth throws a conical shadow, the trail of which is called the shadow band on the earth. Outside this band the sun will be seen only in partial eclipse, as shown by the shaded surface touching the earth. Outside this, no eclipse will be seen.

Casals and Karle Offer

Scientists Will Strive for

NAVY TO SO CLOUD CERTA

LAKEHURST
The Navy dirigible
going to wait for
eclipse.

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SUN'S ECLIPSE IS EXPLAINED

An illustrated lecture on the "Eclipse of the Sun" was given by M. W. Jacobs, Jr., to a capacity crowd in the State Museum last night. After referring to ancient eclipses, Mr. Jacobs discussed the ninety-eight per cent. total eclipse that will be visible from here Saturday morning.

It will begin at 7.57, Mr. Jacobs said, and with a piece of smoked glass, the sun will appear as if a small niche was taken out of the upper right hand side. This niche will grow steadily until at 9.06 a. m., there will be only a narrow crescent of the sun remaining.

The total eclipse will begin in Minnesota and move down across New York and the New England States in a path about 100 miles wide. Scranton will be in the path of totality, and many are planning to go there or to New York to see the only total eclipse of the sun they will likely ever have an opportunity of seeing. The next one that will come anywhere near Harrisburg, will not come along until April 8, 2024.

The corona of the total eclipse which astronomers have traveled thousands of miles to see, is a soft pearly light with shafts shooting out millions of miles from the edges of the sun, covered entirely by the black shadow of the moon. It will last about two minutes in New Haven. In Scranton it will be less. A number of the members of the Natural History Society are planning to go to New Haven Friday afternoon.

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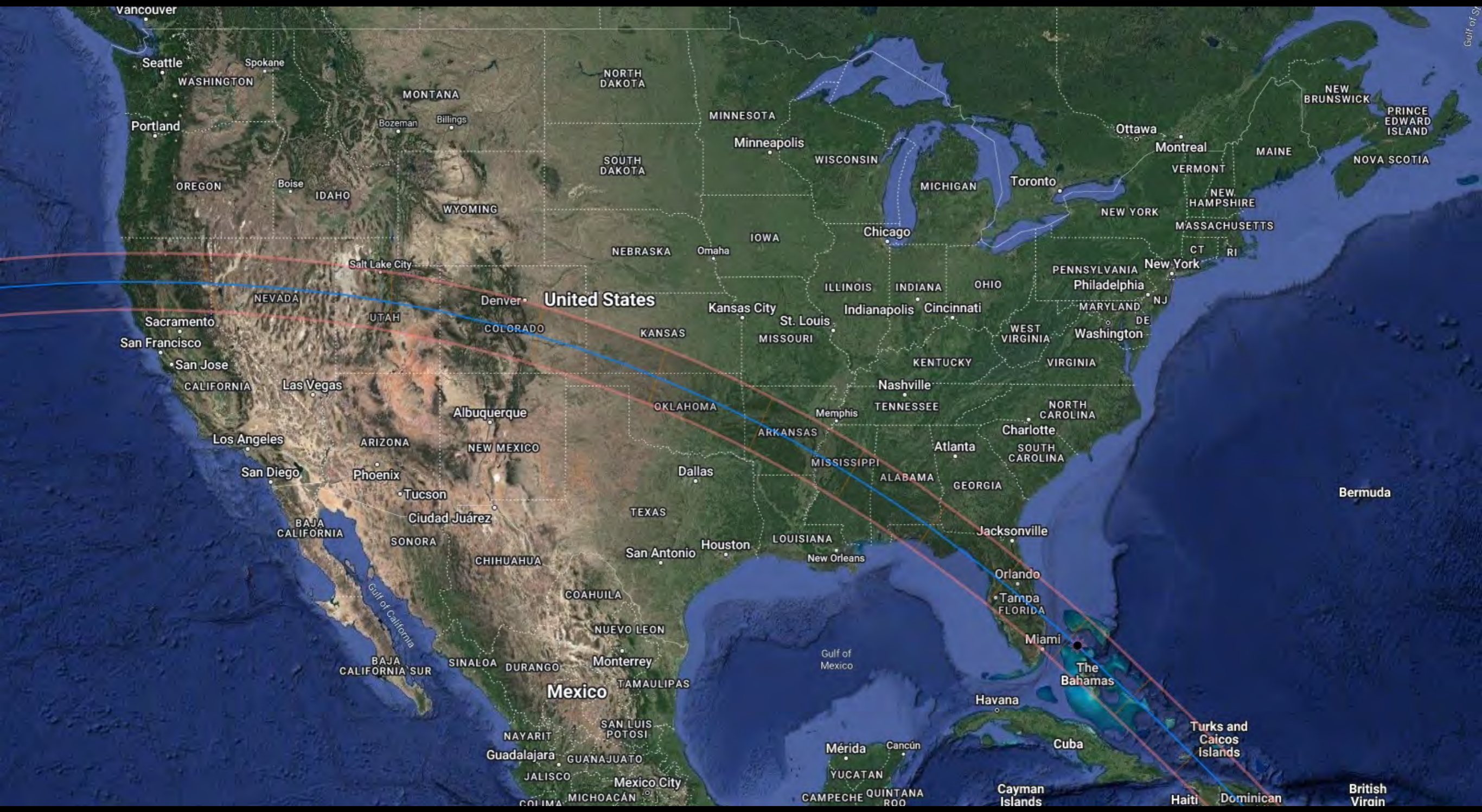
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Vancouver

Seattle

Spokane

Portland

Boise

Bozeman

Billings

NORTH DAKOTA

SOUTH DAKOTA

MONTANA

WYOMING

MINNESOTA

Minneapolis

WISCONSIN

MICHIGAN

Toronto

Ottawa

Montreal

MAINE

NEW BRUNSWICK

PRINCE EDWARD ISLAND

NOVA SCOTIA

VERMONT

NEW HAMPSHIRE

MASSACHUSETTS

CT

RI

NEW YORK

New York

PENNSYLVANIA

Philadelphia

NJ

MARYLAND

Washington

DE

WEST VIRGINIA

VIRGINIA

ILLINOIS

Indianapolis

OHIO

Cincinnati

St. Louis

MISSOURI

KANSAS

Kansas City

NEBRASKA

Omaha

IOWA

Denver

United States

COLORADO

NEVADA

UTAH

Sacramento

San Francisco

San Jose

CALIFORNIA

Las Vegas

Los Angeles

San Diego

ARIZONA

Phoenix

Tucson

Ciudad Juárez

BAJA CALIFORNIA

SONORA

Albuquerque

NEW MEXICO

OKLAHOMA

Dallas

TEXAS

San Antonio

Houston

LOUISIANA

New Orleans

TENNESSEE

Memphis

ARKANSAS

MISSISSIPPI

ALABAMA

Atlanta

GEORGIA

NORTH CAROLINA

Charlotte

SOUTH CAROLINA

Jacksonville

Orlando

Tampa

FLORIDA

Miami

Havana

The Bahamas

Cuba

Turks and Caicos Islands

Cayman Islands

Haiti

Dominican

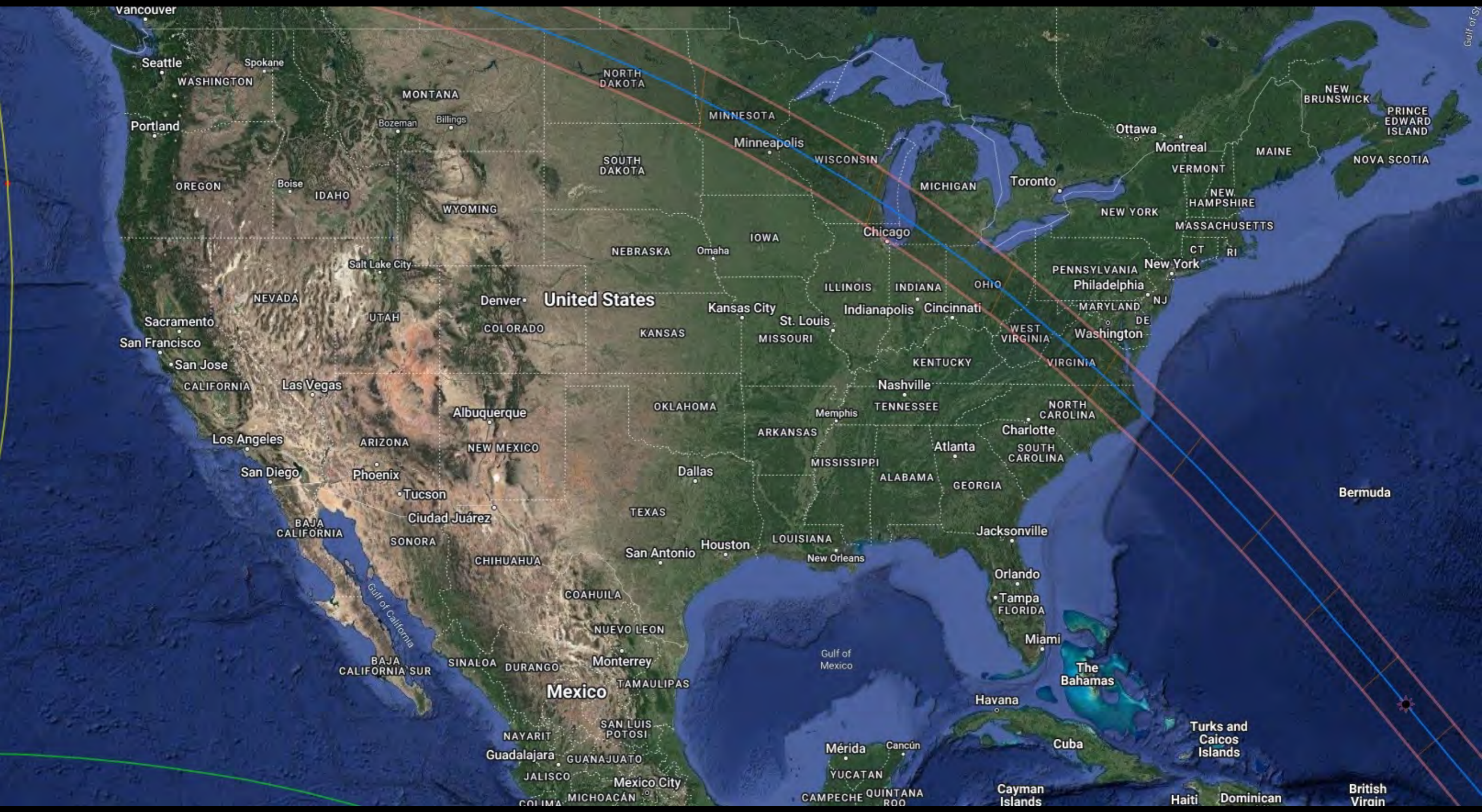
British Virgin

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Gulf of California

Gulf of Mexico

Gulf of St.



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PRINCE EDWARD ISLAND

NOVA SCOTIA

OREGON

Boise

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WYOMING

Salt Lake City

NEBRASKA

IOWA

Omaha

Chicago

NEW YORK

VERMONT

NEW HAMPSHIRE

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United States

Kansas City

ILLINOIS

INDIANA

OHIO

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Philadelphia

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Sacramento

San Francisco

San Jose

CALIFORNIA

Las Vegas

Los Angeles

San Diego

ARIZONA

Phoenix

Tucson

Ciudad Juárez

Albuquerque

NEW MEXICO

OKLAHOMA

Dallas

ARKANSAS

Memphis

TENNESSEE

Nashville

North Carolina

South Carolina

Charlotte

ALABAMA

Georgia

Atlanta

TEXAS

Houston

LOUISIANA

New Orleans

Jacksonville

Orlando

Tampa

FLORIDA

Miami

BAJA CALIFORNIA

SONORA

CHIHUAHUA

COAHUILA

NUEVO LEON

Monterrey

SINALOA

DURANGO

TAMAULIPAS

NAYARIT

SAN LUIS POTOSI

Guadalajara

GUANAJUATO

JALISCO

Mexico City

COLIMA

MICHOACÁN

Mérida

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QUINTANA ROO

Havana

The Bahamas

Cuba

Cayman Islands

Turks and Caicos Islands

Haiti

Dominican

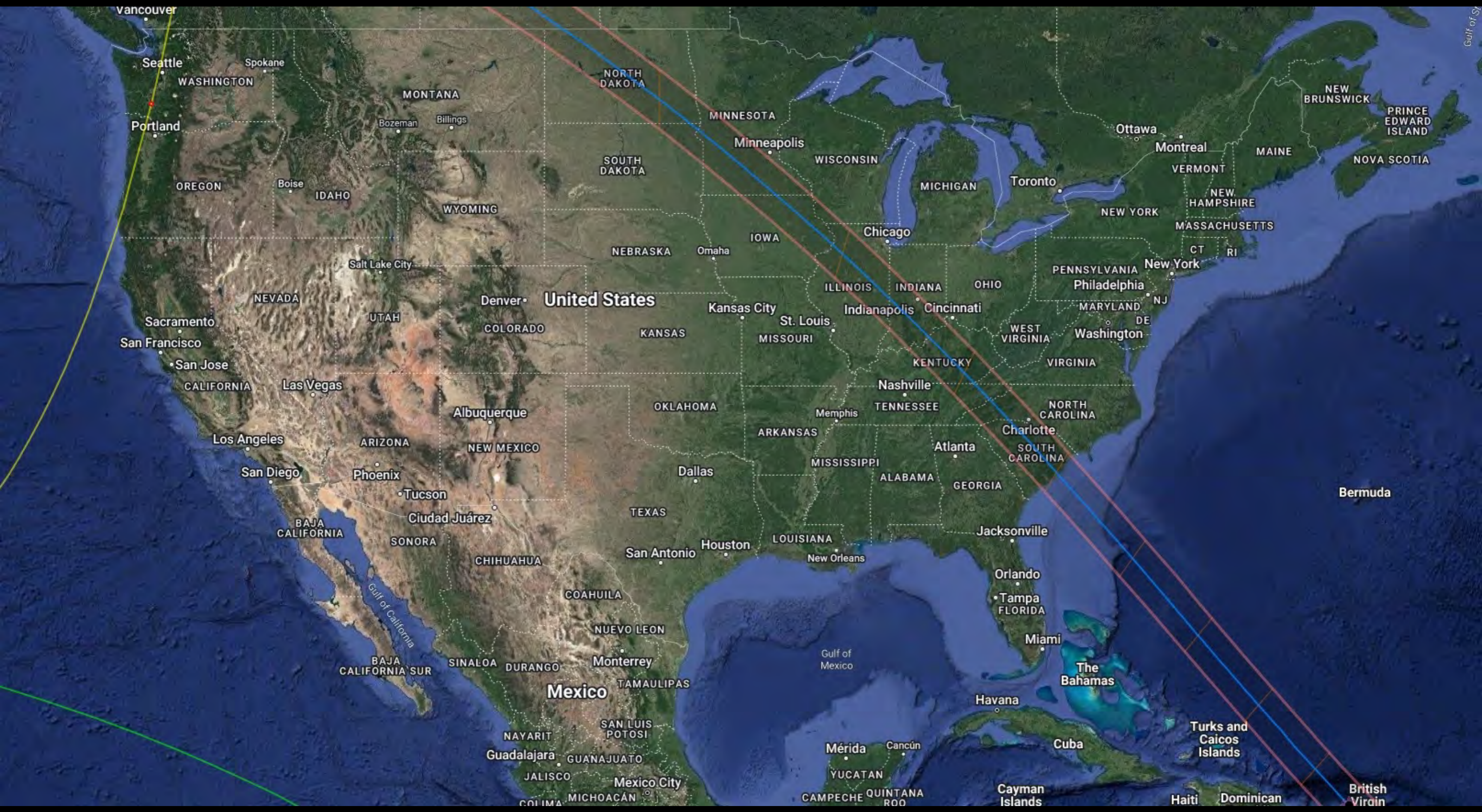
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Dallas

Arkansas

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Georgia

TEXAS

Houston

Louisiana

New Orleans

Jacksonville

Orlando

Tampa

FLORIDA

Miami

The Bahamas

Havana

Cuba

Turks and Caicos Islands

Cayman Islands

Haiti

Dominican

British Virgin

United States

Mexico


Gulf of California

Gulf of Mexico

Gulf of St.

STARnet
COMMUNITY
Collaborate • Discover • Thrive

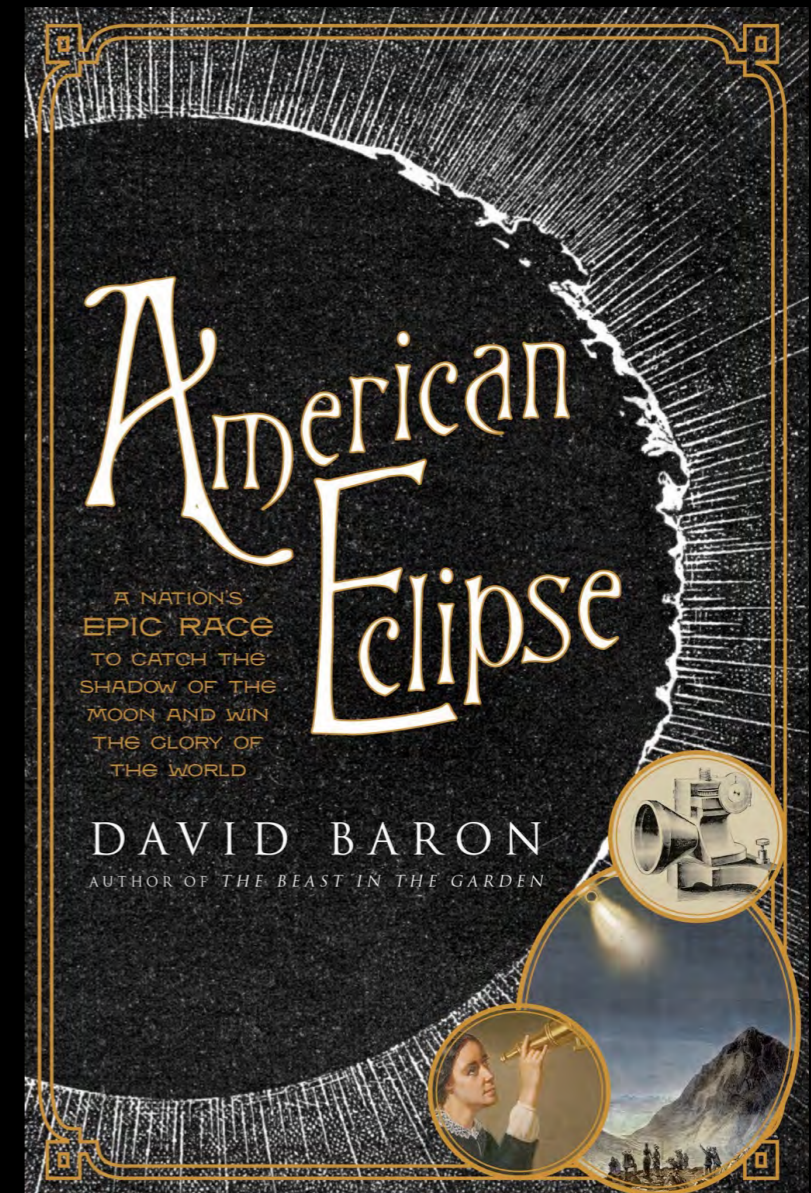
Portal to the Past: Make Your Own Eclipse History Exhibit

 **Dillon Connelly**
August 16, 2023 0 Comments



by guest blogger David Baron, author of [American Eclipse: A Nation's Epic Race to Catch the Shadow of the Moon and Win the Glory of the World](#) due to be republished in February 2024 as a new and updated paperback edition.

<https://tinyurl.com/mvbmpd5a>



american-eclipse.com



PRESIDENT URGES THE WORLD COURT AS OUR PEACE STEP

He Warns Delegates to Women's Conference Anti-War Spirit Must Be Perpetuated.

CITES CONSTRUCTIVE FORCES

Holds Intelligence of People and Community's Moral Opinion Are Greater.

WOMEN PLAN CAMPAIGN

Nine Organizations to Combine in Educational Movement—Want Peace Secretary in Government.

Special to The New York Times.

WASHINGTON, Jan. 24.—President Coolidge reiterated today his belief that the United States should adhere to the Permanent Court of International Justice, speaking before the women attending the Conference on the Cause and Cure of War, which adjourned tonight. They were received by the President and Mrs. Coolidge at the White House at 12:20 o'clock.

The President made it clear that he regarded use of physical force unnecessary to the successful accomplishment of the work of the court.

"Such a tribunal," he declared, "would rely for the enforcement of decrees, not upon armies and fleets and all the related means of destruction, but rather upon the two most constructive forces of the world." These forces, he said, were "intelligence of the mass of individuals and the moral opinion of the community."

Says Wars Must Be Prevented.

In receiving the delegates, President Coolidge said:

Your conference has been brought together to consider the causes and cure of war. In our generation, which has seen the supreme demonstration of the futility and the horrors of war, we ought to be able to count upon an overwhelming sentiment for measures which give reasonable promise of preventing or limiting wars. But if we may judge by the past this determined antagonism to armed conflict for settling international differences will grow weaker as we recede from the period of the recent struggle. As our vision of its frightfulness is dulled with the passing of time, we may expect a corresponding diminution of zeal for institutions to prevent war.

This is unfortunate, but it is the lesson taught by all experience. For this very reason, every organized movement to keep alive the realization of war's destructiveness serves a helpful purpose. If, for the next hundred years, the men and women who fought and suffered to carry on the World War, and who were compelled afterward to struggle and sacrifice to pay for it, could survive to keep alive the proper realization of what war really means, the chance of formulating programs to prevent its repetition would be greatly improved. But those who lived and saw and felt and knew these things will pass on. They will be succeeded by others to whom a distorted picture of glory and heroism will make its appeal.

So it is particularly to be desired that measures be instituted as soon as possible by the men and women who know the truth about war, which may

Wide-Bottom College Trousers Are Frowned On by Coolidge

Special to The New York Times. WASHINGTON, Jan. 24.—President Coolidge does not approve the wide-bottom trousers affected by many college students.

This was learned today when the President received three Princeton students, members of the American Whig Society, who came to invite him to speak before the society next Spring. During the conversation the President gazed down toward the feet of his callers and much to their embarrassment asked if they did not wear the regulation cut of trousers. The young men replied that they did not. The President then remarked that his boy came back from college with wide trousers that appeared to be falling off and he made him wear suspenders. His callers replied that the style of trousers they wore were the thing among college men.

The visitors were Lawrence Hunt of New York, President of the society; Richard Sater of Ohio and Joseph Prendergast of Illinois.

Despite his disdain for their trousers, the President posed with his callers for a photograph.

4 SLAIN IN HERRIN; GLENN YOUNG VICTIM

Klan "Dry" Raider and "Man-Killer" Shot Down by Deputy Sheriff Thomas.

LATTER KILLED IN TURN

Six Are Wounded When Factions Renew Battle Ended by Armistice Last Fall.

Special to The New York Times.

HERRIN, Ill., Jan. 24.—S. Glenn Young, Ku Klux Klan "dry raider" and central figure in the series of bloody battles that have marked the feud between the Klan and its foes in Williamson County, was slain tonight by his mine enemy, Deputy Sheriff Ora Thomas. With them there went to death George Forbes, Young's chief lieutenant in the raiding and civil war that have time and again brought the State Militia to Williamson County and Herrin, and a man supposed to be named Warren. Thomas also is dead. Six others were wounded.

A renewal of the local war and battles with another call for State troops is feared tonight.

The affray tonight was the result of the meeting of two men, boastful of being "handy with the gun," determined to settle affairs in their own way.

Thomas, who formerly was a deputy of Sheriff John Galligan, left Williamson County last Fall when an armistice was signed between the two factions after troops had been called to quell an outbreak in which six of the feudists lost their lives. His departure was a part of the peace treaty terms.

Today it became known that Thomas was back in the county and was coming to Herrin. He had sent word ahead that Young could not keep him out.

Young, who had been living at the Lyman Hotel, writing an autobiography detailing his exploits, strapped on his pistols, gathered his lieutenants and said that Thomas would not be allowed to enter the town.

Young paraded the streets most of the day, waiting for Thomas. Most of Herrin also gathered on the streets. Crowds stood at every corner. There were many who had suspicious bulges on their hips, but the majority were merely spectators.

ECLIPSE FOUR SECONDS LATE HERE, BUT A BRILLIANT SHOW; SEEN FROM LAND, SEA AND AIR, IT THRILLS MILLIONS; CITY HALTS TO GAZE; SCIENTISTS NOW STUDY THE DATA

CORONA DIVINELY BEAUTIFUL

Dr. Luyten, The Times Observer, Describes the Scene From Airplane.

MOON BLACK IN TOTALITY

Its Brownish Tinge and the Shadow Bands Absent Above Dense Atmosphere.

SHADOW'S SPEED TERRIFIC

Rushed on Airplane Unheralded—Perfect Observing Conditions Yield Valuable Records.

By W. J. LUYTEN, Ph. D., Astronomer in the Observatory of Harvard University.

Thanks to the efficiency of the United States Air Service and the courtesy of Major William N. Hensley, commandant of Mitchel Field, and of Major Davenport Johnson, who piloted me, I was able to obtain a perfect view of the total eclipse of the sun from a position 15,000 feet above the ground. In the whole zone of totality there could not have been a better observing point, nor a point where one could realize better the grandeur of this overwhelmingly impressive phenomenon.

Never before have I been so conscious that I was in infinite space, free from all connections with the earth, watching an event taking place between three celestial bodies and feeling myself, as it were, on the same footing with them. All four of us were sailing through space with nothing to hinder us, nothing to stop our path, completely free and separate entities in the universe.

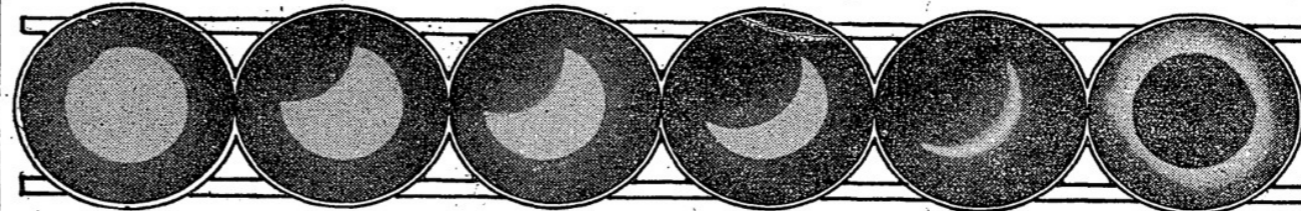
Observing Conditions Perfect

But let us begin at the beginning: When the eventful morning of the twenty-fourth of January arrived, Mitchell Field began to stir at 5 A.M., for every one had to be up in the air by 8 o'clock at the latest.

The sky was marvelously clear, probably the clearest day of the year, and perfect in every respect for the eclipse. Shortly before 8 o'clock Venus, Mercury and Jupiter, rising in the southeast, announced the coming of dawn and very soon the sun itself appeared, seemingly unconscious and unperturbed about the dreadful thing that was going to happen to it. We caught a fleeting glimpse of the Los Angeles floating in the south, making for its observing station near Montauk Point.

Fourteen planes stood ready on the field, and shortly after 7 o'clock everybody was putting the finishing touches on and making ready to go. At 7:40 Major Johnson and I, after synchronizing our watches, climbed into our plane, the commanding officer's own craft, a De Havilland plane, kindly put at our disposal by Major Hensley, with the obligingness so characteristic of the entire Air Service.

At 7:47 we made off, and inside two



PROGRESS OF THE ECLIPSE. Moon Moves From West to East.

Photographs taken in the path of totality from the climax to the end.

SUN AFFECTS RADIO, OBSERVATIONS SHOW

Short Waves From Schenectady Become Inaudible and Long Waves Steadied in Eclipse.

EXPERTS DIFFER IN VIEWS

One Sees Theories of the Influence of Light Confirmed, but Others Deny It.

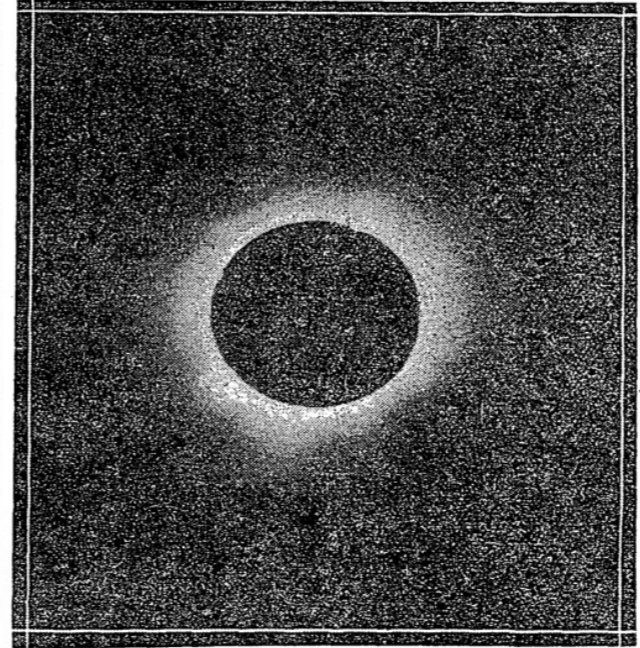
Observations designed to determine the effect of the eclipse of the sun on radio, made by Dr. Alfred N. Goldsmith, chief broadcast engineer of the Radio Corporation of America, at the company's technical laboratory at Van Cortlandt Park, appeared to show that the 75-meter waves were entirely dependent upon sunlight and that the shadow of totality stopped the fading of the 350-meter wave signals in their 160-mile trip from station WGY, Schenectady, to this city. Static diminished on both the 75 and 380 meter waves as the sunlight gradually weakened.

WGY, the General Electric Company's station at Schenectady, began to broadcast on its regular 350-meter wave at 6:25 Eastern Standard Time, and simultaneously 2X1, a low wave experimental station of the General Electric Company located on the outskirts of Schenectady, began sending 500 watts of power on a continuous modulated wave seventy-five meters length.

Super-heterodyne receivers connected to recording machines, which produced a graph of the signals' intensity and fading, were tuned to the wave length of the Schenectady stations when they went on the air at 6 o'clock. The recorders were operated by A. F. Van Dyck, Division Engineer; Dr. W. V. B. Roberts, Research Engineer, and C. F. Engel, Assistant Engineer.

Effect on Long Waves.

The 350-meter signals of WGY were picked up at Van Cortlandt Park when the sending station opened at 6 o'clock. The signals waxed and waned, but the reception was normal, according to a chart made at the same hour on Friday. The normal fading occurred until 8:30 o'clock, when a noticeable change appeared on the paper tape, which moved away from the recording pen at the rate of five-eighths of an inch per minute. The wave became steady and continued in that manner until 9:15, when the sunlight came back over Van Cortlandt Park.



Wide World Photo.

THE GLORY OF THE ECLIPSE.

The corona as it was photographed during totality.

Scientists on Los Angeles Praise First Dirigible Eclipse Flight

Photograph Spectacle at 8,000 Feet Up Off Montauk Point, L. I.—Discovery of New Element Held Possible—Airship Back in Hangar After Perilous Start.

For the first time in history a total eclipse of the sun was observed by scientists from an airship yesterday when the giant navy dirigible Los Angeles left her hangar at Lakehurst, N. J., and soared to an altitude of 8,000 feet. At the time of totality the craft was eighteen and three-quarter miles east of Montauk Point, L. I., almost directly in the centre of the shadow cast by the moon.

The huge carrying capacity of the airship enabled cameras and scientific instruments to be brought into play under the most advantageous circumstances in a manner which has hitherto been impossible. The sky was cloudless. What are believed to have been the most remarkable photographs of a solar total

use the international code and radio. For a time other shore stations interfered considerably with the transmission, but eventually it was nearly perfect.

"On board U. S. S. Los Angeles, Jan. 24: To all press associations," Mr. Davis began. There was a delay of a few seconds due to a change of wave length, and then the message from the airship continued almost uninterruptedly to its close.

Mr. Davis's Story of Flight.

"Lifted a mile closer to the sun by the navy dirigible Los Angeles," the message read, "the United States Naval Observatory astronomers had a perfect view of the solar eclipse. During the two minutes, four and six-tenths seconds

SKYSCRAPERS BLINK IN EMPTY STREETS

Downtown Like Sunday—Roofs Outside Totality Zone Are Crowded With Gazers.

EARLY MORN LIKE TWILIGHT

Mayor Views Spectacle From City Hall Steps—Thousands Gather at Battery Park.

Mayor Hylan saw the eclipse from the front steps of the City Hall yesterday and lightened the darkness with several characteristic axioms and a prediction, between peeps through smoked glass and a telescope. The Mayor, of course, was outside the belt of totality, but like the thousands who were forced to stay in lower Manhattan, parts of Brooklyn and Staten Island, he saw what there was to be seen.

First announcements that the only place in which to see the total eclipse would be in the area north of Eighty-third Street, and the further north the better, was effective. Downtown Manhattan at 8 o'clock—even at 9 o'clock and for a good half-hour thereafter—was not a bit like its usual self. The financial district had the appearance of a Sunday afternoon in Summer, although groups of clerks strained their necks from eastward-facing windows or tried to catch glimpses of the sky spectacle from the small open spaces between the tall buildings.

Downtown Gazers See Corona.

Several hundred persons viewed the picture from the Woolworth tower, others had a clear sweep of the brilliantly clear sky from the East River bridges, and those who were lucky enough to be at Lexington Avenue and Forty-second Street had the advantage of the eye-protection afforded by a screen of smoke that drifted from a chimney across their vision at just the right moment.

Several thousand persons spread through Battery Park had a good view of the darkened orb, although the beautiful color effects and the shifting traceries of shadow-bands reported from the belt of totality were lacking. Special squads of policemen were posted throughout the park, but they had little to do and had ample opportunity to watch the sky.

The pearl-gray corona rimming the extinguished sun at the maximum of the

MULTITUDE ON WATCH HERE

Awed by Jewel of Light Hanging From Luminous Ring.

THE MOON IS BEHIND TIME

Changes Southern Eclipse Boundary to Between 96th and 97th Streets.

CITY MIGRATES TO NORTH

Perfect Weather Allows Young and Old, Indoors and Out, to See Spectacle.

A thin, luminous ring, set with a great gem of soft-burning light, hung in the eastern sky yesterday morning at 9:11 while most of New York's population of six millions gazed at it.

For several seconds the jewel sparkled with a pure and mild radiance, then trembled and melted into the circle of the light which rimmed the disk of the moon. The total eclipse had come. Before the spectator could recover from his breathless wonder at the scene and try to realize its detail in the sky and on the earth, the amazing spectacle was ended.

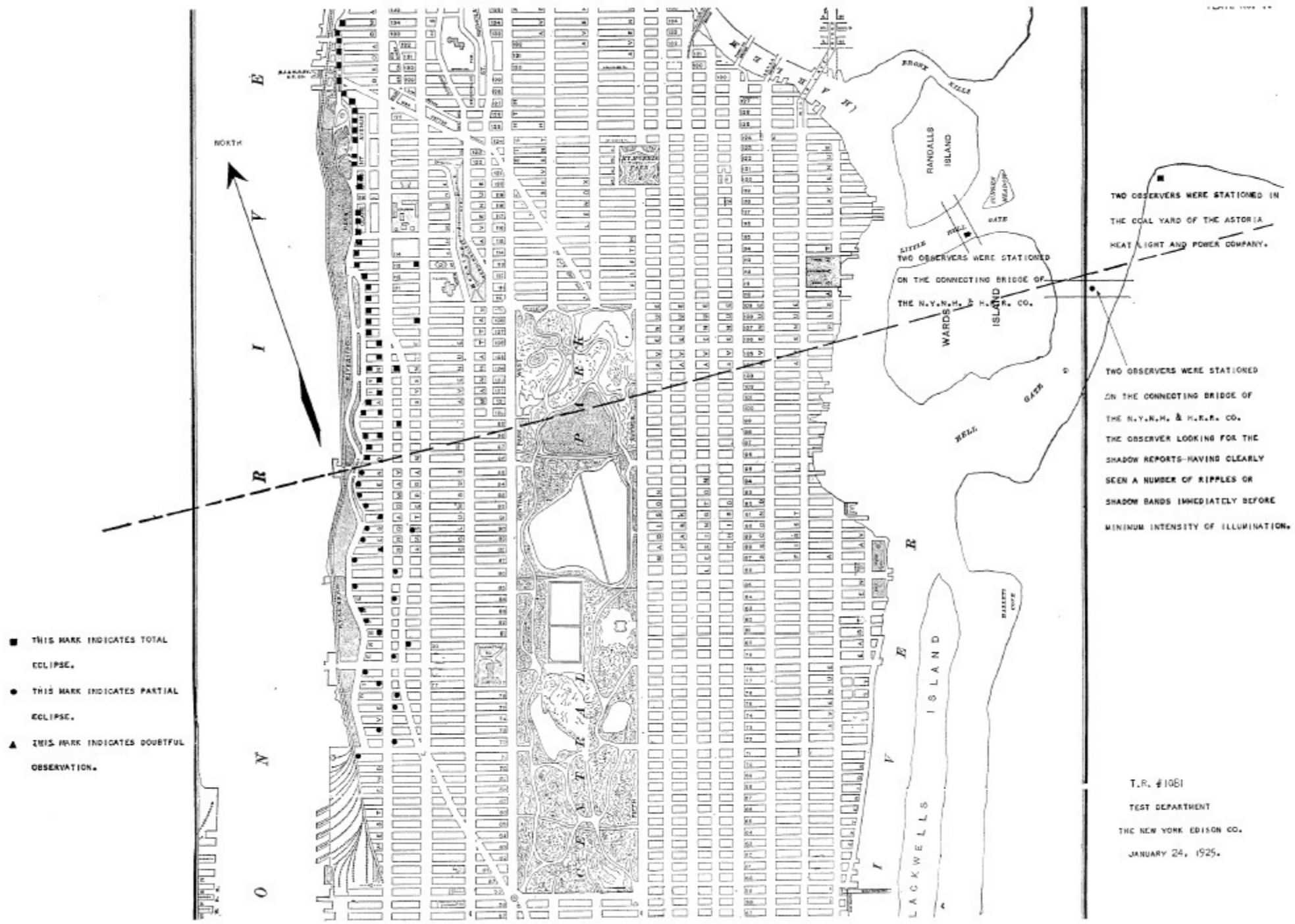
The lovely jewel of white light reappeared again, this time on another part of the thin, luminous ring. Its clear and all pervading lustre quenched the corona and then put out the light of the stars.

Gem of Light Thrills Watchers.

This ring, with its gorgeous solitaire, drew attention from the orthodox and predicted features of the eclipse. It made a deeper impression on New York crowds than any other feature of the heavenly show. The incomparable beauty of this sight, unexpected by most of the watchers, could not do otherwise than make such an impression and the effect was intensified by the fact that every observer felt the thrill of a discoverer. The advance accounts had contained no notice that the eclipse had ornaments of this brilliancy to display.

Scarlet tufts of flame about the sun's rim had been predicted, but were not visible to the naked eye. The corona was not large or colorful. There was a profusion of weird and unearthly scenery, not calculated to strike terror to the heart as it once did, but well fitted to show humanity its true proportions, to remind mortals that they are midges who have developed in some dubious manner on an undersized planet that revolves about a star of no particular distinction.

The ring with its serene and perfect gem was visible to tens of thousands who were outside of the path of the total eclipse. The southern limit of this path cut across Manhattan between Ninety-sixth and Ninety-seventh Streets and passed through Ward's Island. This was a surprise to astronomers who had calculated that it would reach as far south as Eighty-third Street and were sura



Graphic Reproduction of the Results of a Survey Undertaken to Establish the Line Showing the Southern Edge of the Shadow of Total Eclipse