

THE SUN ECLIPSE WHICH IS TO TAKE PLACE NEXT TUESDAY.

Directions by which Persons may take Observations of the "Shadow Bands" on that Day.

Professor Winlow Upton, of Providence, R. I., has issued a circular letter given below concerning the total eclipse of the sun to occur January 1, 1889, concerning the taking of certain observations by any person who will take the trouble to do so.

One of the most peculiar appearances attending a total eclipse of the sun is that generally known as the "Shadow Bands."

Spread a white cloth or piece of canvas upon the ground in any convenient open space. It is well to spread it in pieces of canvas, one to be used before the other after the total phase.

During the total phase the observer is free to enjoy the scene or make other observations, but it is not to be noted if any bands can be seen during totality, as some have asserted.

At the close of totality the observer should watch the total eclipse of the sun as seen, place one stick down in the direction in which they lie; after this is done place a second stick in the direction in which they move.

It will be seen that four sticks are needed for these observations. If two persons make the records, one should continue his attention to the direction in which the bands lie, the other to the direction in which they move.

The stick should not be disturbed until after the eclipse season has passed, as possible, either by a compass, or still better, by a surveyor's theodolite, if one is available.

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CREMATION. AGITATION OF THE QUESTION OF BURIAL REFORM.

Disposal of Bodies by Cremation May Become a Necessity in Crowded Cities.

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But this is precisely the kind of sentiment which finds favor with the multitude whether it be expressed in the ranting rhodomontade of the modern melodramatic hero, or in the halting lines of the grief-inspired rhyme, though the very subject of the latter class of compositions seems to exclude them from the register of criticism.

As in most cases where a long-revered system is broken through, the beginning is the most troublesome part. The procedure, but, as one of the speakers remarked, it does seem a little odd for a body of men to set about arranging for "burning themselves."

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COMMERCIAL. SACRAMENTO MARKET.

SACRAMENTO, December 28th. FRUIT.—Lemons—Slightly, 50¢ per box. California—Slightly, 50¢ per box. Bananas, 50¢ per bunch for island.

GRAIN.—Wheat—No. 1, 1.10; No. 2, 1.05; No. 3, 1.00. Corn—No. 1, 70¢; No. 2, 65¢; No. 3, 60¢. Oats—No. 1, 50¢; No. 2, 45¢; No. 3, 40¢.

MEATS.—Beef—Prime, 10¢; Good, 9¢; Common, 8¢. Pork—Prime, 12¢; Good, 11¢; Common, 10¢. Mutton—Prime, 11¢; Good, 10¢; Common, 9¢.

VEGETABLES.—Green Peas, 10¢; Green Beans, 8¢; Potatoes, 5¢. Onions, 10¢; Carrots, 8¢; Turnips, 5¢.

MARKET.—Wool—No. 1, 1.10; No. 2, 1.05; No. 3, 1.00. Hides—No. 1, 1.10; No. 2, 1.05; No. 3, 1.00. Skins—No. 1, 1.10; No. 2, 1.05; No. 3, 1.00.

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MISCELLANEOUS. Chamberlin & Cox.

DEALERS IN MAJOR RANGE STOVES, TIN, WOODEN AND SHEETIRON WARE, GARDEN HOSE AND CROCKERY.

Moore's Peppermint Cure. PROMOTES DIGESTION, STIMULATES THE LIVER, PREVENTS CONTAGIOUS FEVER, CURES CHILLS AND FEVER, DYSPESIA.

SACRAMENTO STOVE & HARDWARE HOUSE. H. K. WALLACE & CO., Proprietors.

RAILROAD TIME TABLE. SOUTHERN PACIFIC COMPANY. DECEMBER 6, 1888.

CALL FOR DODGE'S HAND-MADE BUCKSKIN GLOVES, AND TAKE NO OTHER. They are the best in the world.

FOR THE BEST GROCERIES. P. H. RUSSELL, No. 719 J Street, Sacramento.

WATERHOUSE & LESTER, DEALERS IN IRON, STEEL, CUMBERLAND COAL.

SUN WING & CO., 302 J Street, CHINESE AND JAPANESE BAZAAR.

NOTICE. THE ANNUAL MEETING OF THE STOCKHOLDERS OF THE BUTTE BAKING CO.

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JUST ARRIVED SCHLITZ MILWAUKEE BEER!

THE FINEST AMERICAN BEER! OF QUALITY GUARANTEED. Will be delivered at the stores of dealers throughout Sacramento at the low rates of \$12 PER BBL FOR 6 DOZ. QUARTS.

Wiener Beer.

THE CAPITAL BREWERY, 112-114 Market St., San Francisco. WILL BE PROMPTLY FILLED.

BRONCHITIS IS CAUSED BY A COLD.

And neglected leads to that disease very speedily. A sharp, metallic cough accompanies it. Take it in time and you can certainly cure it with

SCHENCK'S PULMONIC SYRUP.

Which is Without an Equal for BRONCHITIS and for all diseases leading up to and including Consumption.

DR. MCNULTY'S

This is the Top of the GENUINE Pearl Top Lamp Chimney. All others, similar are imitation.

ANTONISHED THE DEALER.

He did not Comprehend the Multiplicity of Card Combinations.

RE-OPENING UNION BAKERY, 223 J STREET.

FRIEND & TERRY Lumber Company.

WEAK Advice Free! How to Act!

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