THE DAILY NEWS

PRINCE RUPERT - BRITISH COLUMBIA

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DAILY EDITION Thursday, Sept. 14, 1922.

ASTRONOMERS ARE TO VIEW SUN'S ECLIPSE

British Columbia Man Among Those Studying Einstein Theory in Australia.

MONTREAL, Sept. 14.—(Written for the Canadian Press by R. H. Babbage).—Leading astronomers from all parts of the world, many of whom have travelled many thousands of miles, have assembled on the Northwest coast of Australia to observe the phenomena of eclipse which occurs on September 21.

Professor A. Chant, Professor of Astronomy at the University of Toronto and Dr. R. K. Young astronomer in the Dominian Astrophysical Observatory at Victoria, B. C. are the Canadian scientists who will make observations during the few brief minutes of the eclipse. They arrived at their destination in the latter part of July. The chief instrument Professor Chant has taken is a camera with a lens of six inches aperture and a focus of eleven feet mounted equatorially like a telescope and driven by an astronomical clock.

Great interest is being taken in the eclipse this year owing to the opportunity presented to obtain conclusive evidence either for or against what is known as the Einstein theory of relativity.

By the aid of the specially constructed telescope it will also be possible to study the corona, the remarkable solar appendage of pearly white color extending out some 200,000, or 300,000 miles which can be seen only when the sun is completely hidden by the moon.

Professor Einstein it was thought might join a Dutch party from Java which will observe on Christmas Island where the Greenwich party will take up their positions. The path of the eclipse begins in Abyssinia, on the east coast of Africa, passes eastward over the Maldive Islands, Christmas Island and Australia, ending a short distance beyond New Zealand.

The northwest coast of Australia is, astronomically, the best point from which to observe the eclipse and to make the photographs of the light rays from the stars beyond the sun, because the duration of totality there is longest; five minutes eighteen seconds, the altitude of the sun above the horizon is greatest, 58 degrees; and the weather conditions are the most favorable, the coast of the Great Sandy Desert being virtually rainless and cloudless during September.

A subject that has been responsible for a large amount of scientific discussion and some public interest for the past few years is what is known as the Einstein theory; that a ray of light is influenced by a large gravitational field and is deflected by it. This theory, by the way, did not originate with Einstein who is a German mathematician, but was collected by him from the observations of physical scientists in past centuries, its basis being the law of gravitation that a body left without sustaining falls toward the earth at a fixed and established rate.

CLOSE UP PLACES WHERE LIQUOR SOLD

Action Being Taken by Alaskan Government Regard to Convicted Premises

JUNEAU, Sept. 14.—Announcement is made here by A. E. Maltby, assistant United States attorney, that the government will start in the near future to abate all places where persons have been convicted of violation of the Alaska bone dry law. An opportunity has been given the places to close up voluntarily, and where this it not done the abatement proceedings will be commenced.

There are at least four places where convictions have been had, he points out, and the properties will be closed up by order of court, if the government can do as it expects, to maintain its suits in such proceedings. Similar action was taken at the Dory bar in Ketchikan and at several places in Juneau, and the prosecuting attorney's office is of the opinion that all such suits will be upheld in the higher courts.

PRINCE RUPERT TIDES

Thursday, September 14		
High—	6:48 a.m.,	15.7 feet.
	18:45 p.m.,	17.9 feet.
Low—	0:24 a.m.,	7.1 feet.
	12:18 p.m.,	9.5 feet.
Friday, September 15		
High—	8:19 a.m.,	15.8 feet.
	20:13 p.m.,	17.9 feet.
Low—	4.38 a.m.,	7.2 feet.
	13:48 p.m.,	9.8 feet.
Saturday, September 16.		
High—	9:33 a.m.,	16.6 feet.
	21:29 p.m.,	18.7 feet.
Low—	2:56 a.m.,	9.2 feet.

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PRINCE GEORGE GREAT EXHIBIT

R. J. Blackburn in Charge Tells of Fertility of Country

DAIRYING SUCCESSFUL

Great Opportunity For Careful and Willing Workers to Start

The Prince George district agricultural and horticultural exhibit, which was awarded the challenge cup presented by the Northern British Columbia Agricultural and Industrial Association at the Exhibition is a particularly fine exhibit, although it only succeeded in beating the Kitsumkallum district exhibit by five points. The Prince George exhibit is under the management of R. J. Blackburn who, with his four sons, has been dairy farming and crop raising for the past three years in the Pine View district situated in the land settlement area east of the Fraser River and east of Prince George. His farm comprises some 700 acres, 100 acres of which is under cultivation at the present time. He owns 20 head of cattle all told, including 10 milking cows, nine head of which are pure bred Holsteins. Prior to coming to B.C. Mr. Blackburn was farming for 25 years at Pilot Mound in southern Manitoba.

The Exhibit

The exhibit embodies wheat, oats, barley and rye in the grains, showing both fall and winter wheat. The wheat in this district this year ran from 15 to 25 bushels per acre. The oats were a very good crop this year, and ran from 40 to 60 bushels to the acre of excellent quality. With such a dry season prevailing, as has been the case this year, it is remarkable how well the grains have done. In discussing the exhibit generally, Mr. Blackburn said:

"In the grasses the Timothy this year was a poor crop running from half a ton to a ton per acre at the outside, due to the drought, no moisture being available while it was growing.

"The sunflowers are a very fine crop this year. Corn is very little grown in the district and is not to be recommended as a fodder crop. Peas and vetch are of very fine quality, and I consider these are to be the coming foods of the interior even more so than sunflowers."

Mixed Farming

On the question of mixed farming Mr. Blackburn is quite an enthusiast, and says that all kinds of roots can be grown in abundance in his district of a milk producing nature. Sugar beets and mangolds do particularly well. Mr. Blackburn considers the silo is the solution of successful dairying feed and is very necessary to take care of the grasses and other fodder crops. It is his opinion that the dairy business is ging to flourish in Central B.C. on account of the remarkable growth of the necessdairy business is going to flourish man who is wilbng to take hold of this proposition and work will make a success along these lines.

Garden Truck

Potatoes do very well in the Prince George district and the judges speak very highly of their quality. Cabbage and cauliflowers have a great future. Mr. Blackburn says the growth and quality of these two vegetables is marvellous both from the size of the plants and the excellent quality. Carrots can be grown in great abundance. Tomatoes cannot be grown successfully as yet, that is from a commercial standpoint. This year they did very well due to the extremely hot weather experienced, as this species of plant requires plenty of sun.

Wild Fruits

Mr. Blackburn says he has never seen a country in which wild fruits grow in such great profusion as they do in the Prince George district. Last year his family put up 500 quarts of eleven different varieties. There are ten varieties on exhibit this year, but they are considered poor to what they have been other years owing to the hot weather and lack of the necessary moisture this summer. The wild fruits include strawberrys, raspberries, blueberries, low bush and high bush cranberries, and huckleberries, these being the principal fruits of a wild nature. The wild berries on exhibit are particularly fine specimens.

Dairying

Mr. Blackburn considers that the dairy business in Central B. C. has a wonderful future before it and thinks that there is not sufficient attention paid to this industry which is the best part of the farming business. The lowest price Mr. Blackburn has received in three years for milk has been 20c a quart and 80c for cream. He says that the soil is first class and the country gives every opportunity for the careful and willing worker to make good in this line. Mr. Blackburn lays great emphasis on the importance of the silo from a feed standpoint and has already constructed on his own farm this summer a crib silo which is now being filled with the necessary grasses, etc., and which he expects to give a good test this winter.

This is the first time that Mr. Blackburn has undertaken to place an exhibit in a fair, and he is of course very elated over the success of his first venture in this connection, not only from a personal but from a district viewpoint.

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BIG DEMAND FOR LOGGERS

Ten Thousand Will Be Required in Camps of Central Provinces.

WINNIPEG, Sept. 14.—An exceptionally heavy demand for bushmen this fall and winter promises relief from the unemployment which existed last season, according to officials of the large lumber manufacturing companies and the Employment Service of Canada. It is estimated 10,000 men will be required in the lumber camps, while the demand for bushmen and camp builders already has started. It is impossible at the present moment to forcast what the prevailing rates of pay will be, they say, but the wage offered now is $3.25 a day, with board and room, ranging from $6 to $8 a week, to be deducted.

All mills are increasing the size of their camps this year at least fifty per cent, declares A. L. Mattes, manager and secretary of the The Pas Lumber Company, limited, who has just returned from a visit to the northland. "Our company will be running seven camps this winter, employing between 1300 and 1400 men, which will be practically our normal capacity," states Mr. Mattes. "This will keep our mill busy all through next summer, with 500 men engaged."

Last winter this company employed only 900 men in its camps. Lumber manufacturers generally, Mr. Mattes says, are preparing for a busy season, and anticipate running at normal capacity. The reasons assigned for this are the favorable crop of western Canada, a good demand from the United States for lumber from Canadian mills, and depleted stocks, caused through the building activity in eastern Canada and the United States since the spring. "Stocks of both manufacturers and retailers are much lower than usual," states Mr. Mattes, "while we expect a big demand to be influenced through the big crop of the west." Electric light is being installed in some of the camps of his company this winter, which will be a unique feature in the Canadian forest, Mr. Mattes added.

The Shelvin-Clark Company, limited, which operates two large mills at Fort Frances, Ont. will need from 1500 to 3000 men to work in the bush as soon as the season opens. This company is in the market for camp builders now, and as soon as the snow flies will require up to 1500 men, increasing to its maximum as the season advances. A big cut is certain this winter, in the opinion of local lumber manufacturers.

TIMBER SALE X 4162.

Sealed tenders will be received by the Minister of Lands at Victoria, not later than noon on the 21st day of September, 1922, for the purchase of Licence X 4162, to cut 22,200 Ties, situate on an area 3 miles North of Decker Lake Station, Canadian National Railway, and adjoining Lots 6611 and 6612 and North of Lot 6607, Range 5, Coast Land District.

Two (2) years will be allowed for removal of timber.

Further particulars of the Chief Forester, Victoria, B.C., or District Forester, Prince Rupert, B.C.

TIMBER SALE X 4181.

Sealed tenders will be received by the Minister of Lands at Victoria, not later than noon on the 21st day of September, 1922, for the purchase of Licence X 4181, to cut 560,000 feet of Fir, Hemlock and Cedar, on an area on the East side of South Bentinck Arm, Range 3, Coast Land District.

One (1) year will be allowed for removal of timber.

Further particulars of the Chief Forester, Victoria, B.C., or District Forester, Prince Rupert, B.C.

TIMBER SALE X 4114.

Sealed tenders will be received by the Minister of Lands at Victoria not later than noon on the 21st day of September, 1922, for the purchase of Licence X 4114, to cut 1,250,000 feet of Cedar, Spruce, Hemlock and Balsam, on an area situated at Big Lake, Ellerslie Channel, Range 3, Coast Land District.

Three (3) years will be allowed for removal of timber.

Further particulars of the Chief Forester, Victoria, B.C., or District Forester, Prince Rupert, B.C.

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