NEW TELESCOPE LARGEST IN WORLD

72-Inch Reflecting Apparatus Designed for Dominion Government.

TO BE USED IN OBSERVATORY.

Which Is Established at Victoria, B.C.-Weighs 55 Tons.

The great 72-inch reflecting tele scope designed and constructed for the Dominion Astronomical Observatory at Victoria, B.C., ranks in size as the largest yet completed in the world. In design the telescope is a reflector 6 feet in diameter with an equatorial type of mounting, having the main or polar axis pointing towards the north star and swinging the body of the telescope in a plane parallel to the earth's equator and the apparent paths of the stars; to and passing through the centre of the polar axis, to allow movement morth and south. The instrument weighs 65 tons, and will rest upon massive piers of reinforced concrete. The polar axis is 23 feet long and inch. weighs 10 tons. The declination axis weigh 5 tons, is 14 1-2 feet long, 15 1-2 inches in diameter, carrying a flange 41 inches in diameter. The instrument is made to allow its use in three forms, the Newtonian, Direct or Cassegrain forms. The secondary mirrors are 9 inches 7 tons. The mirror cell, weighing with counterpoises and mirror six tons, forms the lower end, while to the upper end is firmly attached the rigid skeleton tube, made of struc-tural steel in tension. The skeleton at Ottawa. portion of the tube is 23 feet long, 7 1-2 feet in diameter and weighs BILLION DOLLAR with attachments about tons.

A driving clock similar in design points throughout Western Canada, to that which has been so successful Dr. McGill of the Dominion Grain Seven motors with solenoids and year. sary for a star image is 1-300 inch was made to order, as you might say

er second.

The observer, at either the upper year's harvest will be another won-

The engineering and mechanical the way.

problems involved in designing and Arrang constructing a telescope great proportions and accuracy will comfort. ing the optical parts invariably in their correct relative positions without strain, and at the same time so well poised and adjusted as to encepted poised poi well poised and adjusted as to the most of the telescope to be easily write to R. L. Fairbairn, General minute and exact information on the pointed towards and accurately set Passenger Agent, 68 King St., E., intentions of the Russian cabinet, the great ladies, had against them the on any desired object, and to enable Toronto. the whole massive mechanism, weighing 43 tons, to unvaryingly follow the motions of the stars. The sun, the moon, the planets and the comets all have different rates of motion to that provided for in the

The revolving dome is 66 feet in dlameter, and is provided with a double shutter having an opening Street. 15 feet wide. Its weight is 120 tons All of the movements of the dome, telescope wind shields, shutters, etc., are by means of electrical motors.

The principal mirror is 73 inches

The principal mirror is 73 inches

in diameter 12 inches thick, and pierced with a hole in the centre. pierced with a fiber in the mirror weighs 2 1-2 tons; yet it is so accurately poised that no flecture can distort its surface, which ture can distort its surface, which

Pure, Clean

You get nothing else from us. Pas-tenrization makes it as clean and pure as deep spring water. Did you ever stop to think about the old cans and half-washed bottles in which milk is often delivered? Not here though because every hot-

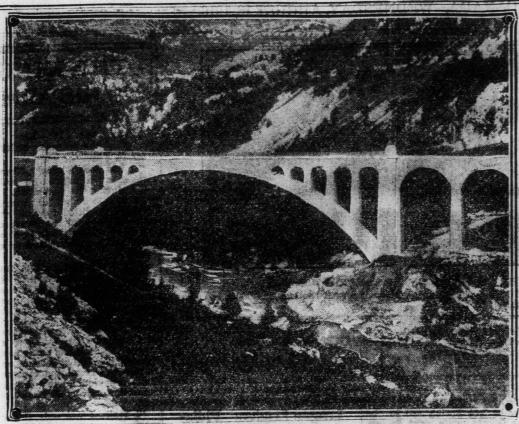
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The Pekin Cafe

44 MARKET ST. 25 and 35 Cents

ofertable Dining Room for Ladies and Gentlemen men From 6.80 a.m. to 2 a.m. EVERYTHING NEAT, CLEAN AND SANITARY Bell Phone 1226



HUGE STONE BRIDGE NORTH OF GORIZIA The stone bridge across the Isonzo River is the largest of its kind in the world. It crosses the and a declination axis at right angles river just north of Gorizia, which h as just been taken by the Italians. The structure is 279 feet long, and is considered a wonderful feat of en gineering

CROP EXPECTED

After a thorough canvass of various

COURIER AGENTS

The Daily Courier can be purchased

HARTMAN & CO., 230 Colborne St.

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ISTER, A. A., 73 William St. ICGREGOR, J., corner Pearl and Rich

TERRACE HILL. JOHN McCANN, 210 West Street. MALLENDIN, C., corner Grand and St. George Sts.

Nagasaki, Aug. 16.—An outbreak

A despatch from Yokohama on

that Tokio had declared a quaran-

tine against the city. The Japanese steamer Hawaii Maru, bound for

Tacoma, was quarantined with 15

cases of cholera on board. The ship

was later released and sailed for Ta-

IN JAPANESE CITY

UNDY, J. B., 270 Darling St. ILBURN, J. W., 44 Mary St.

w. MENZIE, 224 Market Street.

PICKARD, R., 120 Terrace Hill. EAGLE PLACE.

MARX, MRS., 80 Eagle Ave. KEW, M. & J., 15 Mohawk St. N. Willits, 85 Emily Street.

CHOLERA BREAKS OUT

have so far been recorded.

coma on August 10.

TARRIS, MAX. 31 Pearl St

rying a flange 41 inches in diameter and 4 inches thick, to which the body of the telescope is attached. The tube is 31 feet long in three sections, and weighs 12 tons. The central cylindrical casting is 12 1-2 feet in diameter, 6 feet long, and weighs in diameter, 6 feet long, and weighs great engine of science, the largest completed telescope in the world, is now being scope in the world, is now being erected at Victoria, B.C., by order out German Influence. Out German Influence.

> CZAR STOOD WITH HIS NATION. And Union of Monarch and Subjects Proved Defeat of Enemy.

The telescope is moved from one position to another, and is set and guided wholly by electric motors be little, if any, behind that of last curious revelations are made on the three Prairie provinces would eastern Prussia and Galicia. Many monarch, curious revelations are made on the three Prairie provinces would eastern Prussia and Galicia. Many monarch. curious revelations are made on the subject by Ernest Denis, French add indefinitely, are evidence of the scholar and professor at the Sor-firm hand with which Germany jugg-

Secrets Known to Teutons

The observer, at either the upper or lower ends of the tube can clamp or unclamp the telescope, make the fine settings and guide the telescope by means of push buttons on a portable key board kept at a convenient place.

Year's harvest will be another wonderful one."

Those who contemplate going West will do well to remember that the most fertile districts in Western Canada are served by the lines of the C.N.R. and that this season they can travel from their home districts to destination Canadian Northern all the way.

Year's harvest will be another wonderful one."

In the east and ial west than not has worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in C.N.R. and that this season they can travel from their home districts to destination Canadian Northern all the country's forces, will offer invincible resistance to the enterior of the Czar were sometimes better informed than not has worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in the one faith a faith that worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in the one faith that worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in the one faith that worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in the one faith that worked hand in hand with German diplomacy more often than not has worked hand in hand with German diplomacy. This will explain Germany's influence over Russian politics. The German ambassador in the one faith that worked hand in hand with German diplomacy more often than not has a possible for the case of the converted to the open districts of the conve Arrangements have been made whereby passengers may travel in Russian generals of what was hap-

not happening-in the army. be apparent when considering the ter cars being a feature.

The first of these excursions will be apparent when considering the ter cars being a feature.

Paul Milyoukov has stated in parameter and therefrom will be born a unique paul Milyoukov has stated of will which will free the Motherland veakness of the army and the atti- only two forces in Russia that count tude of public opinion. Thus warned -the people and the Czar. And when

One of the principal informants of with Russia, the Czar, taking coma winning game. chief comptroller-general and member of the cabinet council, one of the the end; we shall defend our country highest officials in Russia. Ordered regardless of cost; we shall not disto draw up a confidential memorandum on the situation of the empire Street.
ASHTON, GEORGE, 52 Dalhousle Street.

he sent the first copy to Berlin. German-Born Generals Among the superior officers of the prepared to make unlimited sacri army were many tainted with Ger-manism. The annual military directman chains." tory during the last few years contained the names of 144 generals of the Czar which has saved Russia German nationality, exclusive of from a disastrous capitulation. We those who, though of German na-shall not know till later how far the

Russian reactionists looked with the Duma met in September, 1915,

flowed with admiration and sym pathy for William II. Though right in the midst of war Mr. Chtcheglovatov, Minister of Jusice, through the assistance of his colleague, Mr. Maklakov, of the Home Office, drew up a memorandum in which he did his utmost to ard, District Passenger Agent, Toprove "that the downfall of Ger-many would be the ruin of monarchic and conservative ideas; that State; Mr. Chtcheglovatov, Minister the triumph of England and France of Justice, and the proctor of the would bring about the victory of Holy Synod were removed. Gen. lemocracy and radicalism, which, Soukhomlinov, Minister of War, also once Germany vanquished, would was removed, as were other generals spread like an invincible stream under suspicion, who boasted that

Freed From Terrible Grip. rom Prussia," this memorandum had killed it.

eloved motherland, sacred Russia.

Paris, France—So far, little has war these two men had the manageto that which has been so successful Dr. McGill of the Dominion Grain raris, France—So lar, little has ment of Russia's affairs for one year. Saturday, Aug. 19th, at 11 o'clock Another who continued to hold a sturday. moves the telescope east or west saying that Alberta would have a sia since the beginning of the war, position of confidence was General moves the telescope east or west saying that Alberta would have a sia since the beginning of the war, position of confidence was General with great precision, through an accurately cut worm wheel 9 feet in diameter mounted on the polar axis. Dominion would have a billion dollar been obtainable on the multiple was publicly denounced as a person causes of Russia's early defeats in of the telescope is moved from one grain crop and that the grain crop of the three Prairie provinces would eastern Pressia and Galicia. Many

magnetic clutches are provided for looked better than it does at present of 108 feet the guiding speed neces of the suiding speed neces. With the focal length of 108 feet the guiding speed neces of the suiding speed neces of the suiding speed neces of the Slav race. ed in freeing itself from this subtle, terrible grip. Russia was saved by the Russian people. Peasant and

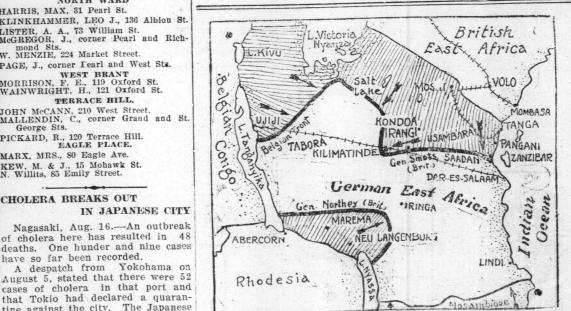
the Russian people will be affirmed,

laily the Austrian chancellor played Germany had several reasons to be lieve that it could deal separately mand of his armies, made solemn de

And the Russian nation answered through the president of the Duma; 'Grouped around the sovereign, in an invincible mass, the nation is

It is this union of the people and tionality, had accepted the Greek German conspiracy reached. All parties rose in protest when

favor on the German invasion of the patriots forgot their domestic quarrels in their anxiety to free Even after the outbreak of war the trovernment from the weak and the press representing the extreme disloyal hands that were strangling right, the Conservative party, over- Russia. Mr. Maklakov,, Secretary o



GERMAN EAST AFRICA BEING QUICKLY OCCUPIED. The allies are quickly overrunning German East Africa, the sole remaining enemy colony. Map shows the position of the allies lines,

Strike on

in Quebec

By Special Wire to the Courier, Thetford Mines, Que., Aug. 15. The strike is still on with the Asbestos mine workers here. At a meeting of the local union yesterday it was lecided not to accept an offer made by the companies of 25 cents per day increase. They now hold out for \$2.50. The members of the Internabut the local union would not allow them to do so and threatened that rouble might follow if they attempt

THOUSANDS OF MEN REQUIRED FOR HARVESTING

IN WESTERN CANADA Thousands of men are required to elp in the great work of harvesting the Western crop. The task of transporting to the West this great army of workers will fall to the lot f the Canadian Pacific Railway. Excursions from points in Ontario to Manitoba, Saskatchewan and Alberta will be run, and special trains operated, making the trip in about thirty-six hours, without change or

"Going Trip West," \$12.00 to "Returning Trip East," \$18.00 rom Winnipeg Consult C. P. R. Agents regarding transportation west of Winnipeg.

GOING DATES ugust 17th and 31st .- From . Toronto-Surbury Line and East, but not including Smith's Falls, or Renfrew, also from Main Line East of Sudbury to, but not including North Bay. August 19th and September 2nd— From Toronto, also West and South thereof.

Futher particulars from Canadian

throughout Europe and deluge our they directed operations without anger against an enemy with whom they sympathized. To-day it seems as if ancient, autocratic Russia were 'Nothing really separates Russia really dead; as if Czar Nicholas Il

The Imp. Percheron stallion "Argumant," will be sold on the market

CASTORIA For Infants and Children In Use For Over 30 Years

Preserving Time Oh! For a Good

PreservingKettle

Aluminum or Enameled

WIE & FEELY

New Prices August 1, 1916

The following prices for Ford cars will

be effective on and after August 1st, 1916.

Chassis . . . \$450.00

Runabout . . 475.00

Touring Car . . 495.00

Coupelet . . . 695.00

Town Car . . . 780.00

Sedan . . . 890.00

f. o. b. Ford, Ontario

These prices are positively guaranteed against any reduction before August 1st, 1917, but there is no guarantee against an

C. J. MITCHELL

55 Darling Street

ee of father's Houses were vacant.

And had been vacant for some time. And Dad was getting mighty peeved about it because he had put up those houses for an investment, not for pleasure. And he was getting hotter every day when I happend to think that a

For Rent ad. in the

DAILY COURIER

might help. And it did. After one insertion we got many inquiries. And many seemed interested. And would you believe it

-the next week there was a moving van in front of each House.



GOVERNMENT

Nickel Will Be Refined Ontario and Profits Company Taxed.

HOT SHOT FOR

Temperance Law Not R and Can Be Altered Next Session of House

MR. McLE

Toronto, Aug. 16 .- Vigo clear and convincingly Hon.
Lucas and Hon. Howard Ferg to-night set forth the position Ontario Government in regard to issues in the Southwest Toront

relection.

Facing a large audience in
Royal Templars Hall, an audien
first disposed to be critical troublesome but later enthusias ly approving of the ministers' s ments, they met criticisms of Government's attitude in regar prohibition, hydro extension nickle industry.

The Points Overshadowing all else in the isters' addresses were announced

ments upon three points:
That the Government while in its policy to submit the ques of permanent prohibition to the ple did not regard the present tario Temperance Act as one could not be changed in details a substantial way when the I met again. That the Government was

blocking the purchase of radial way rights of way, and had sent to the Hydro-Electric Com sion an order-in-council author the purchase of a right-of-way Toronto to Dundas for the pu of new transmission lines and dial railway.

Nickel Question

That not only would nickel b fined in Ontario in the future that next session legislation be introduced that would impoon the nickle industry taxatio accordance with the profits de from the product of Ontario's and that that taxation woul made retroactive.

Mr. Ferguson, who discussed nickel question, gave the aud the fullest opportunity to ask tions. His address was in many control of the statement of the stateme good temper until he came with the charges that the C Government was permitting many to get Ontaio nickel. The unburdened himself of some feelings the unfair criticism

stirred up. He condemned the men who knowingly circulated the slande referring directly to W. F. Ma characterized him as a man knowing the truth had repeated

stantly "A slander and a base "It is a base slander," he "to say that Premier Hearst I different to whether Canadian want to say to his traduce it nickel finds lodgement in th ies of Canadian boys it is mo ly to find lodgment in the bo Mr. Hearst's two boys, both of are in the trenches, than it is bodies of any of the MacLean ily that I know anything abou The minister in dealing wit

el taxation declared that the had been found to devise method of taxing the mining of the province so that it wou tribute as it should to carryi the affairs of the province a ening the load of taxation in ways. That taxation, in res retroactive just as was the of the minister of finance and give the province a fair share great profits the nickel indust

WHAT FRANCE PAYS TO CARRY ON THE

Paris, Aug. 15.—The war France to the end of July v 000,000,000 francs, according ures available to-day. The laneous expenses of the gove were 10,000,000,000 francs. The average cost of the wa figures show is now 1,987,0 francs monthly.

Are You For "! paredness"? The preparedness for mar woman is the prepared that comes from livin harmony with law. In mer cut out the heavy i that tax bodily strength vigor. Eat Shredded Biscuit, the food that tains all the body-bu material in the whole grain in a digestible form breakfast or luncheon berries or other fruits.

