

Great Rivers



Flood Waters Raging Through a Break in a Mississippi Levee.

(Prepared by the National Geographic Society, Washington, D. C.)

NATURE played favorites in apportioning the great rivers of the world. Of the dozen largest, six are in Asia and three in Africa, leaving only three for the two continents of the New World. And among the twelve leaders, Europe and Australia are wholly unrepresented.

The longest single river is the Nile, measuring some 4,000 miles from head to mouth. The Nile is further distinguished in that it has no tributaries for the last 1,500 miles of its course to the sea. During this stretch its waters are considerably reduced in volume by evaporation and irrigation, so that it flows smaller instead of larger toward its mouth.

Other African rivers among the length-scoring twelve are the Niger and the Congo, both fed by the tropical rains of hot regions near the Equator. In a general way they more nearly resemble South America's representative, the Amazon, than the great streams of the colder northern continents.

Of Asia's six longest rivers, four are in Siberia, the Ob, Yenisei and Lena, flowing north into the Arctic ocean, and the Amur emptying into an arm of the Pacific. The other two are the Yangtze and Hwang, or Yellow, river of China.

These twelve river basins represent the greatest variety of climate and civilization. The Amazon and the Congo flow through lush equatorial jungles inhabited by birds of brilliant plumage, wild animals and savage tribes, while the mouths of the Yenisei, and the Lena are above the northern timber line and their valleys support the sparsest population. The Mississippi and the Yangtze flow through established, if divergent, civilizations, with rich cities along their banks like jewels on a string. The Nile is one of the cradles of world history; the Mackenzie is still a frontier stream.

Five of the dozen rivers flow to the north. These are the Nile, Mackenzie, Ob, Yenisei, and Lena. The Mississippi and Niger flow south. The Amur, Yangtze, Hwang and Amazon run eastward. Only the Congo points toward the west.

Differences in Floods. All these streams overflow their banks at intervals but the results are strangely different. In the case of the Mississippi and the Yangtze, floods are the national disasters bringing untold suffering to millions. The annual overflow of the Nile with resulting fertilization of the valley by the deposit of silt is the source of the wealth of Egypt. The Hwang, or Yellow river, from its habit of overflowing its banks and changing its entire course at intervals is known as the "scourge of China."

The Amazon and the Congo lie almost under the Equator, and the other ten longest rivers are in the northern hemisphere. Four flow into the Arctic ocean. A reason is not far to seek. The greatest land masses are in the northern half of the world, and without large land areas long rivers are impossible. The smaller continents of Australia and Europe are not represented in the dozen. Similarly, the reason for the longest rivers flowing to the north and east is that the longest continental slopes extend in those directions.

The Yangtze and the Mississippi are lined with wealthy cities largely because of their location in the temperate zone. The tropic Amazon, Niger, and Congo are too hot; the Mackenzie and the Siberian rivers are too cold for the favorable growth of towns. The Nile valley beyond Cairo is a mere strip of green from 15 to 30 miles wide between two burning deserts. The Hwang is too variable in its habits to encourage navigation or river ports.

From the earliest times these long rivers have furnished high roads for the exploration of continental interiors. Nero sent an expedition to discover the headwaters of the Nile, which failed to reach its objective. Russian penetration of Siberia followed the great river beds. The Amazon and the Congo are still high-ways of discovery. Head reaches of the Yangtze are vied in Asiatic obscurity. The Niger was the river of romance in the great days of Timbuktu. The histories of the world's river basins have been the history of the world's empires. A great river is both a roadway and a source of life.

Menace of the Mississippi. Although North America can claim only two of the world's dozen longest

OREGON STATE NEWS OF GENERAL INTEREST

Principal Events of the Week Assembled for Information of Our Readers.

A new population record was established at the state penitentiary when the official register showed a total of 915 convicts at Salem.

From 8½ acres in the George Christenson farm in the Pleasantdale vicinity near Dayton, more than 45 2/3 bushels of Holland wheat an acre was produced.

Columbia county Pomona grange, with appropriate ceremonies, dedicated its beautiful seven-acre park at Big Eddy on the Nehalem river to the use of the public.

Playfully placing a small caliber rifle to his forehead and pulling the trigger, evidently thinking the gun unloaded, cost Allen Hartley, 21, of Coquille, his life.

The recent hot weather has proved beneficial to the hop crop in Marion county, according to growers. Picking of fuggles will begin August 25 in most of the larger yards.

Ninety miles of county roads have been built in Deschutes county during the past two years, at an average cost of \$203 per mile, according to County Judge De Armond.

Sales of pears were made at Salem at prices ranging from \$25 to \$50 a ton, according to announcement made by growers. Some of the pears were contracted earlier in the season.

The plant at Gold Hill, and quarries at Marble Mountain of the Beaver Portland Cement company, closed down the last three months, resumed operations for an extended run.

The pear crop in both the Hood River and the Yakima district is unusually good this year, and the Hood River apple crop gives promise also of being above normal, according to reports.

Evans Brothers are to resume their greenery business at Florence very soon. This will mean work for 10 to 15 pickers to harvest the ferns and huckleberry shrubbery so abundant there.

The Train Lumber mill on the Rogue river near McLeod was destroyed by fire, it has been learned. All machinery was lost and in addition several thousand feet of lumber was burned.

Thousands of tons of rocks, ice and snow crashed down the upper slope of Mount Hood in a gigantic slide that fairly shook the mountain when the hanging glacier, a part of the Cove glacier, let go.

The Fir Lumber company of Lebanon, which has the contract to furnish ties for the Oregon Electric extension between Lebanon and Waterloo, has begun the delivery of 15,000 ties along the new grade.

Harvesting the 1930 wheat crop in the Athena district is verging on the close of a perfect cutting season. Weather conditions have been ideal and not an hour was lost on account of wind or rain.

Plans for a new \$350,000 church building to be erected at Malin are materializing. The ground has been cleared in readiness for the construction. The church is to be of bungalow type and modern in every respect.

THE MARKETS

Portland	
Wheat—Big Bend bluestem, \$1.04½; soft white, western white, 89½¢; hard winter, northern spring, western red, 86½¢.	
Hay—Alfalfa, new crop, \$17.50; valley timothy, new crop, \$18; eastern Oregon timothy, \$22.50; clover, new crop, \$14; oat hay, new crop, \$14; oats and vetch, new crop, \$13.50.	
Butterfat—35¢.	
Eggs—Ranch, 17@26¢.	
Cattle—Steers, good, \$7.75@8.25.	
Hogs—Good to choice, \$10@11.	
Lams—Good to choice, \$6@7.	
Seattle	
Wheat—Soft white, western white, 91¢; hard winter, northern spring, 90¢; western red, 89¢; bluestem, \$1.07.	
Eggs—Ranch, 27@34¢.	
Butterfat—35¢.	
Cattle—Choice steers, \$7@8.	
Hogs—Prime light, \$11@11.15.	
Lams—Choice, \$6@7.	
Spokane	
Cattle—Steers, good, \$6@6.50.	
Hogs—Good to choice, \$11.	
Lams—Medium to good, \$5.50@6.	

If three times as many men as women commit suicide, this may merely show that women have more endurance than men.

If the next war is to be conducted by radio, we hope to be there, to see what happens when the tenor captain croons, "Squads right!"

"A post card mailed to this country from France was delayed eleven years." Possibly from an old A. E. F. man, acknowledging receipt of the fossilized Christmas cake.

Milk Producers of Corvallis have perfected an organization to be known as the Corvallis Wholesale Dairy Association with Walter Locke, president, and Charles Wiles, vice-president.

From two acres on the Clarence Badger farm in the Grand Island vicinity 11½ tons of Royal Anne cherries were marketed this season. Five cents a pound was received for them.

Flames swept two adjacent one-story frame structures at Albany, and caused a loss of approximately \$3000 to buildings and contents. Occupying the buildings were a barber shop, a beauty parlor and hemstitching shop.

A Buff Orpington hen belonging to Mrs. S. P. Robertson, Jefferson county, is proving a champion in producing large eggs. The hen recently laid an egg which measured 7½ inches by 9 inches and weighed 5¼ ounces.

Favorable action on the application of the state of Oregon to establish a park on the summit of Camas mountain, west of Roseburg, has been taken by the federal government. The government will lease the 160-acre tract to the state for \$127.50 per year.

The Ashland fire department was called to Bellevue district, south of Ashland, to combat a fierce blaze at the Moon Lumber company's drykiln, in which approximately 150,000 feet of lumber and much machinery were burned. The cause has not been ascertained.

The final shipments of loganberries for the season were made from Estacada last week. Notwithstanding the greatly increased acreage this year, the receipts will only amount to about 175 tons, slightly lower than those of last year, and only about half of what was anticipated.

The state board of control asked for bids for repainting all automobiles and motorcycles used by the state traffic department. The bodies of the cars will be white, while the tops will be black. The insignia of the traffic department will be painted on both the automobiles and motorcycles.

Thirty-five per cent. dividend checks were mailed to depositors of the defunct Astoria savings bank. The total amount of the dividend is \$499,350, according to A. H. Olson, deputy superintendent of banks, in charge of liquidation. This is the first dividend to be paid from the bank, which failed a year ago.

Lane county looks forward definitely to a \$2,752,000 road program to be carried out in the immediate future and to bring to completion all the major projects in this county. Relief of unemployment conditions is anticipated as one of the results of this work, long hoped for by the county court and road enthusiasts.

An ungraded road will be the newest educational plan to be tried out in the Theodore Roosevelt junior high school at Eugene. In the ungraded room will be grouped pupils who have not graduated from the elementary schools but who are approximately 13 years old, and junior high pupils who are irregularly graded.

Farmers surrounding Heppner are said to be having difficulty in obtaining enough farm hands to do their harvesting. This situation, coming at a time when most places are suffering from unemployment, is imputed to the fact that Heppner is not on the main line of the railroad and is rather out of the way of traveling laborers.

Heads of 11 state and national banks in Yamhill county held a meeting at Newberg to consider the problem of duplicate borrowers. It was said that this problem has caused the bankers considerable worry during the last few years, and an effort will be made to determine the extent to which duplicate borrowing has been carried on.

The California Public Service company is burying a lighting cable in the streets of Lakeview at a cost of several thousand dollars, assuming that within a few years the city can afford to have street lights installed. The cable is being laid now so it will not be necessary to tear up the paving now being laid when the city can afford to install the lights.

The Nebergall Packing company, whose slaughtering plant at Eugene was destroyed by fire a short time ago, has started to rebuild. The plant will be larger than the old one, and will be located several hundred feet from the old site.

Stien brothers, Eugene, won the contract for installing boundary lights, obstruction lights and flood lights, grading and graveling a diagonal road, and providing drainage at the Eugene municipal airport at a meeting of the city council.

What ever became of the chap, of whom there was usually one in every town of 2,000 or so, who could make a fiddle of a cigar box?

Half the Eskimos, says an explorer, never saw an igloo. He isn't going to try to tell us, is he, that they live in those small iceless ice boxes?

Thousands in New York fought to get in to hear Einstein's mathematical formulas explained, and the only explanation we can offer is that they were expecting improper fractions.

REBUFFS OUTLAW MINERS



William Green.

Springfield, Ill.—The two-year-old struggle between President John L. Lewis of the United Mine Workers of America and his opponents in the Illinois union reached a climax when the insurgent faction was "routinely read out" of the American Federation of Labor.

A letter to Secretary Victor A. Glander of the Illinois Federation from President William Green of the American Federation requested that delegates from the revolting Fishwick-Howat group be denied seats at the state federation convention in Springfield, starting September 15.

NATIONAL INTEREST FOLLOWS PRIMARIES

Bitter Contests for Seats in Senate Now Assured.

Washington.—Politicians of the country generally are especially interested in the primary results of the past week in various sections of the country. Outstanding features of the contests were the Norris victory in Nebraska, the flareup in prohibition repeal sentiment in Ohio, and the nomination of former Senator Gore in Oklahoma.

Norris was facing the aid of all factions as he is facing ex-Senator Gilbert Hitchcock, the Democratic nominee.

The Democrats have high hopes of capturing two Republican seats through the nomination of the blind ex-Senator Gore in Oklahoma and former Representative Robert J. Bulkley in Ohio.

Bulkley furnished a surprise of the primaries by winning a substantial victory on his platform of dry law repeal. In the general election, he will face Senator Roscoe T. McCulloch, a dry Republican who was appointed to office.

The overwhelming renomination in Arkansas of Senator Joe T. Robinson, the Democratic leader, was virtually a foregone conclusion. He will be re-elected for his fourth six-year term without opposition.

The nomination of John T. Bankhead in Alabama, who defeated Frederick I. Thompson for the Democratic nomination means that he will face Senator Tom Heflin in the November election. The latter must run as an independent, having been ruled out of the primary ballot for bolting Al Smith in 1928.

Fruit Crop Will Show 18 Per Cent Decrease

Washington.—The nation's fruit yield, on the basis of August 1 condition, will be 18 per cent above last year's crop, although about 10 per cent below the ten-year average, the Department of Agriculture announced. The increase over last year applies to all crops. The greatest percentage increase is in prunes and plums, largely grown in California.

The largest portion of the country's fruit supply is grown outside the area of greatest drought damage and these crops for the country as a whole have not been affected as seriously as the crops of the grains. In the Cumberland-Shenandoah region and in the Ohio valley, however, apples have been seriously injured by the drought.

France to Spend \$4,000,000 on Bourse
Paris, France.—France's stock exchange, known as the Bourse, is going to be enlarged at a total cost of \$4,000,000, the municipal council has just decided.

\$141,296,636 School Budget for N. Y.
New York.—The largest school budget in the history of the city, calling for an expenditure of \$141,296,636 in 1931, was adopted by the board of education.

Czechs Bar Austrian Reds
Pressburg, Czechoslovakia.—Harbor authorities refused to allow the Danube steamer Melk, which arrived from Vienna with a passenger list of Austrian Communists, to disembark its passengers. The steamer returned to Vienna.

Two Fall 150 Feet to Death
St. Louis.—Two steeplejacks fell 150 feet to death inside a huge 200-foot smokestack of the Union Electric Power company here.

DROUGHT AID PLANS OK'D AT CONFERENCE

Loans Are to Be Obtained for Needy Farmers.

Washington.—Foundations for a country-wide drought relief organization, extending from a federal council down to county committees, were laid at President Hoover's conference with the governors or their spokesmen from thirteen states most acutely affected by the prolonged dry spell.

After a five hour session in the White House cabinet room, the President announced that the conferees had agreed upon a general program involving loans to stricken farmers, employment, reduced rail rates, and Red Cross assistance where needed.

The relief plan, in brief, calls for the immediate appointment of a federal committee by the President, a state committee by each governor, and organization of county committees in turn by the state groups. Through this network of committees, the needs, physical and financial, of individual farm families will be reported and met as quickly as possible until the damaged districts are rehabilitated.

The chief objectives were outlined by the President to the conference. Assisting families deprived of means of support by crop failure to survive the winter was the chief of these. Secondary was the prevention of unnecessary sacrifice of live stock and protection of public health.

To accomplish this, the President said he proposed that money be loaned, if necessary with the assistance of state or nation; that the Red Cross be asked to aid, that employment of needy farmers be arranged and that reduced freight rates be made available on food, feed, and live stock in the distressed districts.

After each state spokesman had told of conditions in his state the President laid his plan, already well prepared, before his guests and it was discussed fully.

The text of the President's statement follows:
We have canvassed the information secured by state and national surveys as to drought conditions. While the extent of the damage cannot yet be determined, it is certain that there are at least 250 counties most acutely affected where some degree of relief must be provided. It was the view of the conference that the burden of effective organization to meet the situation over the winter in the acutely affected counties rests primarily upon the counties and the states themselves, supplemented by such operation and assistance as may be found necessary on the part of the federal government.

The objective of such relief is:
(a) To assist families over the winter who are deprived of means of support through failure of their crops.
(b) To prevent unnecessary sacrifice of live stock.
(c) Protection to public health. This is to be accomplished by:
(1) Placing of loans privately or where necessary with assistance of state or national agencies.
(2) Red Cross assistance.
(3) Employment.
(d) Reduced railway rates for food, feed and live stock to the distressed districts.

The President will set up a committee comprising representatives of the Department of Agriculture, the federal farm board, the federal farm loan board, the Red Cross, the American Railway association, the public health service. This committee, through its chairman, will co-ordinate national activities and national support to the state and county committees.

The methods for provision of credit beyond local or state resources for the purchase of feed, seed, movement of live stock, or support of families over the winter will be developed by state committees, in co-operation with the federal farm board, the federal farm loan board, the Intermediate credit system, and other federal agencies.

Georgia's '30 Peach Crop Brings Over \$6,906,400
Atlanta, Ga.—Georgia's peach crop this year brought over \$6,906,400, it was estimated by the director of the state bureau of markets, 8,633 cars being shipped. The watermelon shipments were the largest in history. More than 23,000 cars have been moved, as compared with 21,000 cars handled last season.

50 Years for Slaying Mother
Ida Grove, Iowa.—Lester Mohr, confessed slayer of his mother, Mrs. Gus Mohr, was sentenced to 50 years at hard labor in the state penitentiary.

Poison Kills Princess
Strobi, Salzburg, Austria.—Princess Caroline Irma Elisabeth Fuensteinberg, eighteen years old, is dead as a result of food poisoning.

Lawyers to Vote on Dry Law Repeal
Old Point Comfort, Va.—The Virginia State Bar association adopted resolutions providing for a referendum among all Virginia lawyers on the question of repeal of the Eighteenth amendment.

Sharkey, Carnera May Fight
New York.—Jack Sharkey's managers, Jack Conway and John Buckley, have accepted terms of promoter Mique Malloy to fight Primo Carnera in Chicago on September 29.

LUMBAGO?

A pain in the lower part of your back can torture you. But not for long, if you know Bayer Aspirin. These harmless, pleasant tablets take away the misery of lumbago, rheumatism, neuralgia, headaches, toothaches, and systemic pains of women. Relief comes promptly; is complete. Genuine Aspirin cannot depress the heart. Look for the Bayer cross, thus:



Ladies Why Pay Dollars for Complexion powders, lotions, etc.? Make them at home one-tenth cost. Stamp for literature, P. V. Sales Service, 119 Hartford Bldg., Chicago.



PROOF RESTS WITH PATIENTS
Letters and names and addresses of hundreds of grateful patients contained in our FREE BOOK on Rectal and Colon ailments; also details of Dr. C. J. Dean non-surgical method of treatment, which we use exclusively. Send for it today and learn of our WRITTEN ASSURANCE TO ELIMINATE PILES OR PEE REFUNDED.
DEAN RECTAL & COLON CLINIC
PORTLAND SEATTLE
REASONS WHY WE DON'T TAKE PATIENTS
MENTION THIS ADVERTISING WRITING

Considering the Skirts
Mrs. Short (nee Length)—My, isn't this wind bracing?
Mr. Seelitz—Yes, I've noticed that it's very uplifting.

Kremola
Wonderful and safe. Make your skin beautiful, also cure eczema. Price \$1.25. Free trial. Outright removal free. Used over 40 years. \$1.25 and 50¢. At All Dealers. Beauty booklet sent free. Write.
DR. C. H. BERRY CO.
2930 Michigan Ave. - Chicago

Frank
A census taker had a hard time getting into an apartment. He finally went up to the roof, and down a fire escape to get in, but once he had identified himself, the pretty young matron willingly gave him full information.

"You've been so frank about answering my questions, that I'm wondering why it was that you wouldn't let me in," the enumerator remarked as he folded up his blanks.
"I thought you were my husband," replied the girl apologetically.

Deficient
Uncle Sam's census enumerator in the Central avenue district had some funny experiences among the darky population. He went into one tiny hash house, the sole resident in which was the cook.
"I've come to take your census," said the man.
"Honest to goodness, Ah swears Ah ain't got no census!" declared the cook eloquently.—Los Angeles Times.

Biggest Hotel for London
London's new Thames house is to be the largest hotel in Europe and the biggest commercial building in the world outside America. It will have 2,000 rooms with baths, the number of baths being another innovation for hostels in Europe.

Willing Giver
Collector—Have you anything to give us that would do for home for aged females?
"Yes, take my mother-in-law.—Berlin Lustige Gazette.

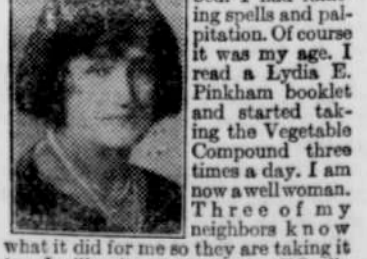
Passive
"Why don't you look for a job, huh?"
"Several of my friends are looking for a job for me."

Nothing is terrible, except fear itself.—Bacon.

TIRED WHEN SHE GOT UP

Strengthened by Lydia E. Pinkham's Vegetable Compound

St. Paul, Minn.—"I used to be as tired when I got up in the morning as when I went to bed. I had fainting spells and palpitation. Of course it was my age. I read a Lydia E. Pinkham booklet and started taking the Vegetable Compound three times a day. I am now a well woman. Three of my neighbors know what it did for me so they are taking it too. I will write to any woman if Lydia E. Pinkham's Vegetable Compound will help her as it did me. I feel like a young woman now and I thank you. Mrs. H. C. HENRY, 286 Fuller Ave., St. Paul, Minnesota.



what it did for me so they are taking it too. I will write to any woman if Lydia E. Pinkham's Vegetable Compound will help her as it did me. I feel like a young woman now and I thank you. Mrs. H. C. HENRY, 286 Fuller Ave., St. Paul, Minnesota.