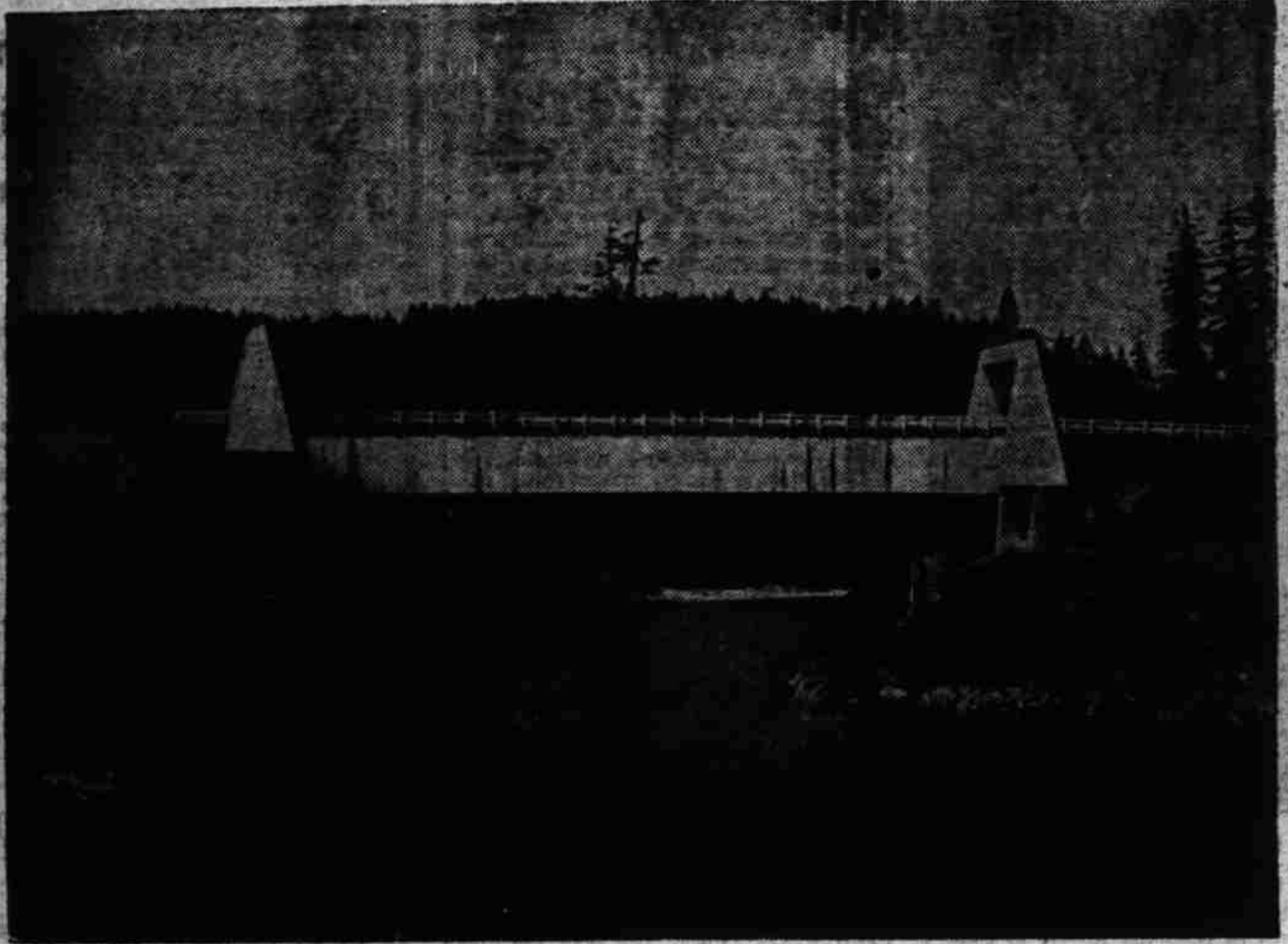


Aid to Farm Held Enough to Justify Project

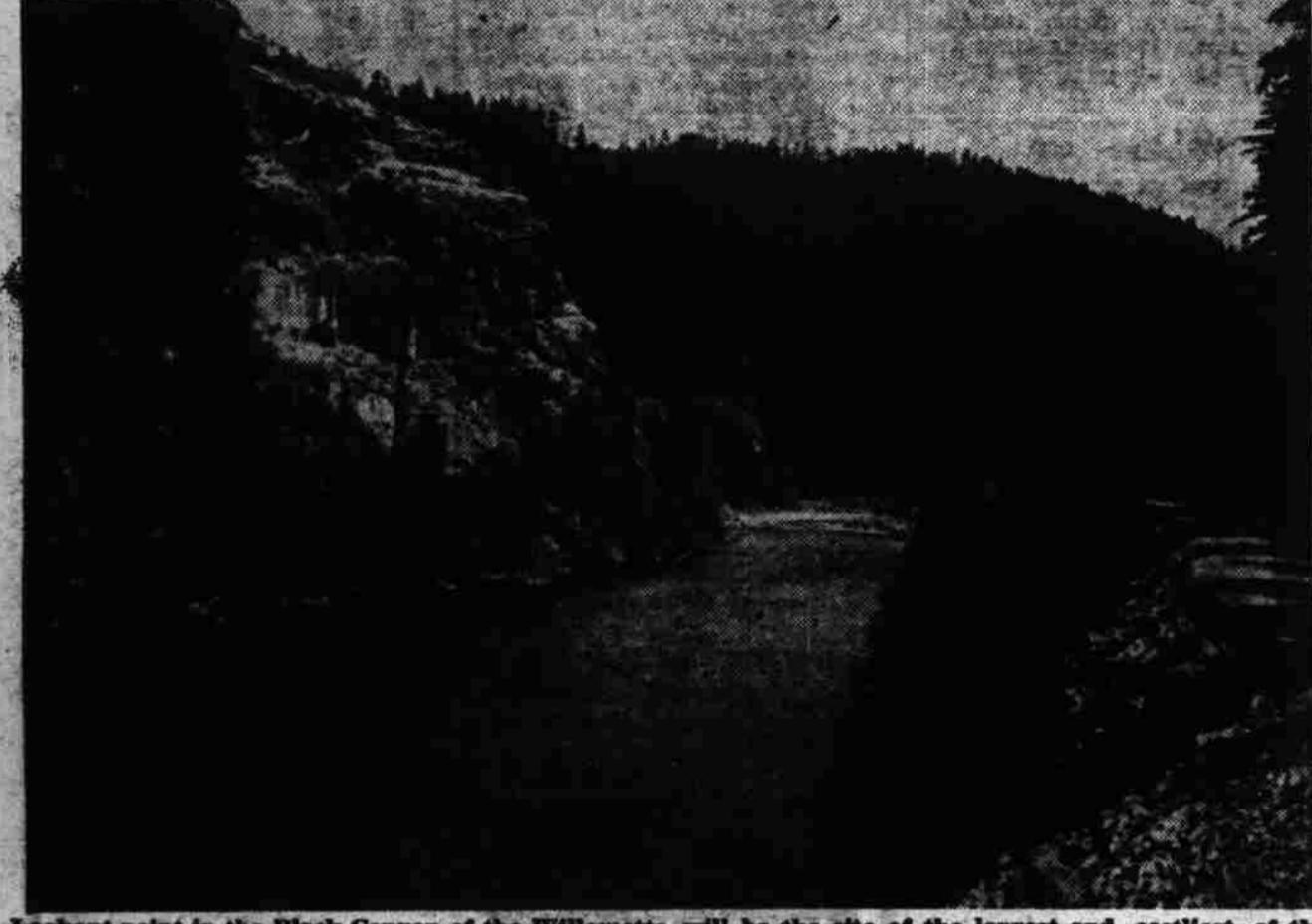
Where Four Valley Project Dams Will Rise



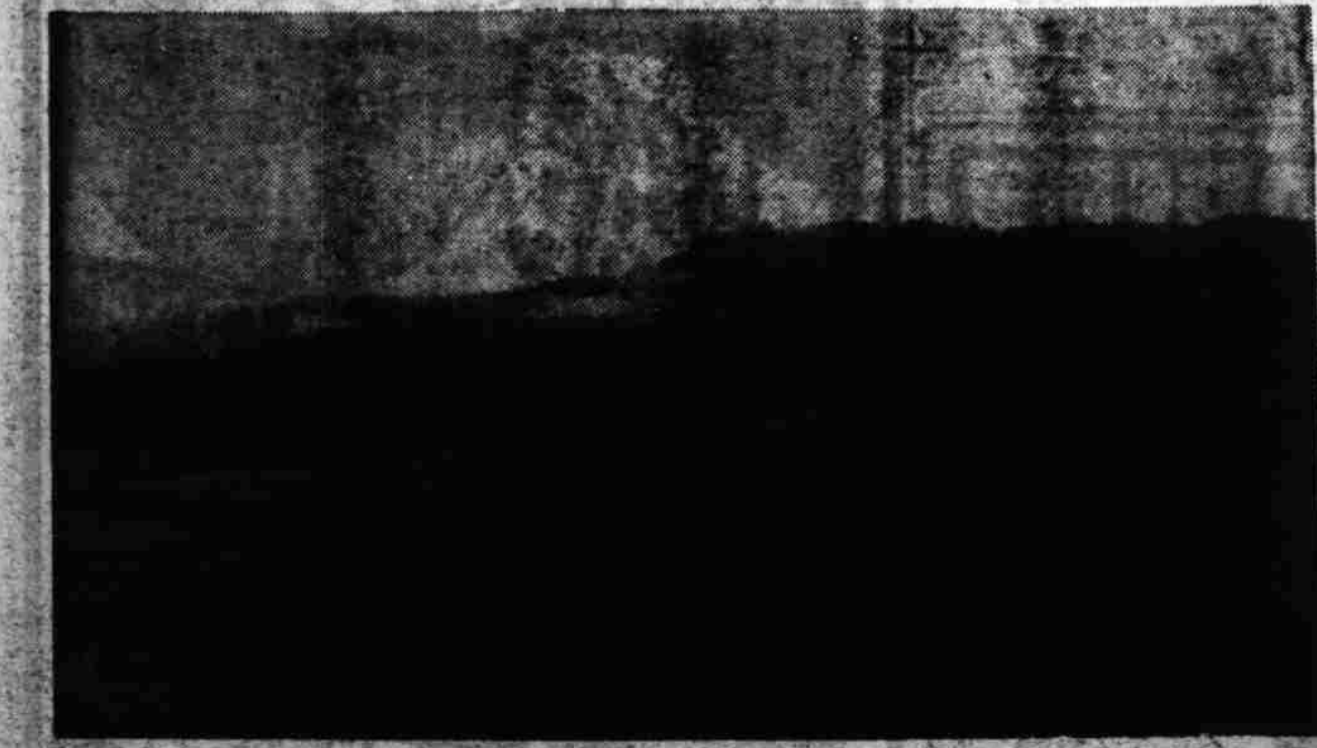
The Sweet Home dam will tie together the rocky points now spanned by this suspension bridge. It will also flood out the town of Sweet Home, which will be moved to a site above water level of the reservoir by funds provided in the project.



The survey for the Quartz creek dam on the McKenzie crosses that river at the point shown above.



Lookout point in the Black Canyon of the Willamette will be the site of the largest and costliest of the seven dams.



Fern Ridge reservoir site on Long Tom creek in Lane county. Because the surrounding area is flat this reservoir will be a potential hydroplane base in time of war. Dam sites not pictured here are Dorena on Row river and Cottage Grove on the coast fork of the Willamette. Elsewhere on this page is a picture of the site of the proposed Detroit dam on the North Santiam. (Photos courtesy Eugene Register-Guard).

Flood Control Chief Object

Irrigation and Navigation Also to Get Benefit From Project

(Editor's Note: This is the 11th and last of a series of articles on the Willamette valley flood control project, its history and significance.)

Irrigation shares with navigation one of the supplementary economic grounds for the government's authorization of an expenditure of up to \$62,000,000 for the Willamette river basin project.

The agricultural development of the valley alone through the irrigation feature will more than justify the project and its attendant huge expenditures, declares E. H. Kipp, executive secretary of the Willamette river basin project commission.

Without flood control, the 1,345,000 acre feet of water which the seven dams and reservoirs ultimately will store is just so much surplus water, as at present—water which creates havoc at flood stage rather than being of benefit to the fertile valley.

Land Needs Drainage

About 1,000,000 acres of valley land needs drainage first and then at least 700,000 acres of this land may be reclaimed for irrigation. The project backers feel that with drainage and irrigation together, farm sites will be available for at least 25,000 more families, who with 40-acre farms, even though only 50 to 60 per cent of the 40 acres is irrigated, will succeed as well as today's farmers who work 160 acres of non-irrigated lands.

Irrigation would afford a sufficient and dependable volume of crops annually—and reduce the worry wrinkles for a lot of farmers when drouth comes along at vital crop growing periods. And another factor, of course, is that farmers can produce better crops and those crops which best lend themselves to market.

The state planning board estimates that by 1950, on basis of the increase from 1920 to 1930, the valley population will be swelled to 850,000 persons.

Water to Be Cheaper

Water which will be released from the reservoirs all during the summer for irrigation purposes won't cost valley farmers a cent, except the outlay to take it out and put it over the land.

Problems of stream pollution along the Willamette, caused largely by domestic sewage and industrial wastes, will be reduced considerably by the flood control project. It is estimated the proposed regulation of the water flow will cut river contamination almost in half at Portland, with increasing reduction upstream.

However, river pollution will not be entirely wiped out by the control of the Willamette and its tributaries and efforts of various groups toward a definite program for purifying the streams will be continued, as in recent years.

While the fishing aspect of the flood control project changes had been mentioned incidentally earlier in these articles, Mr. Kipp, who furnished most of the information for the series, urges fishermen to view the project on the basis of facts.

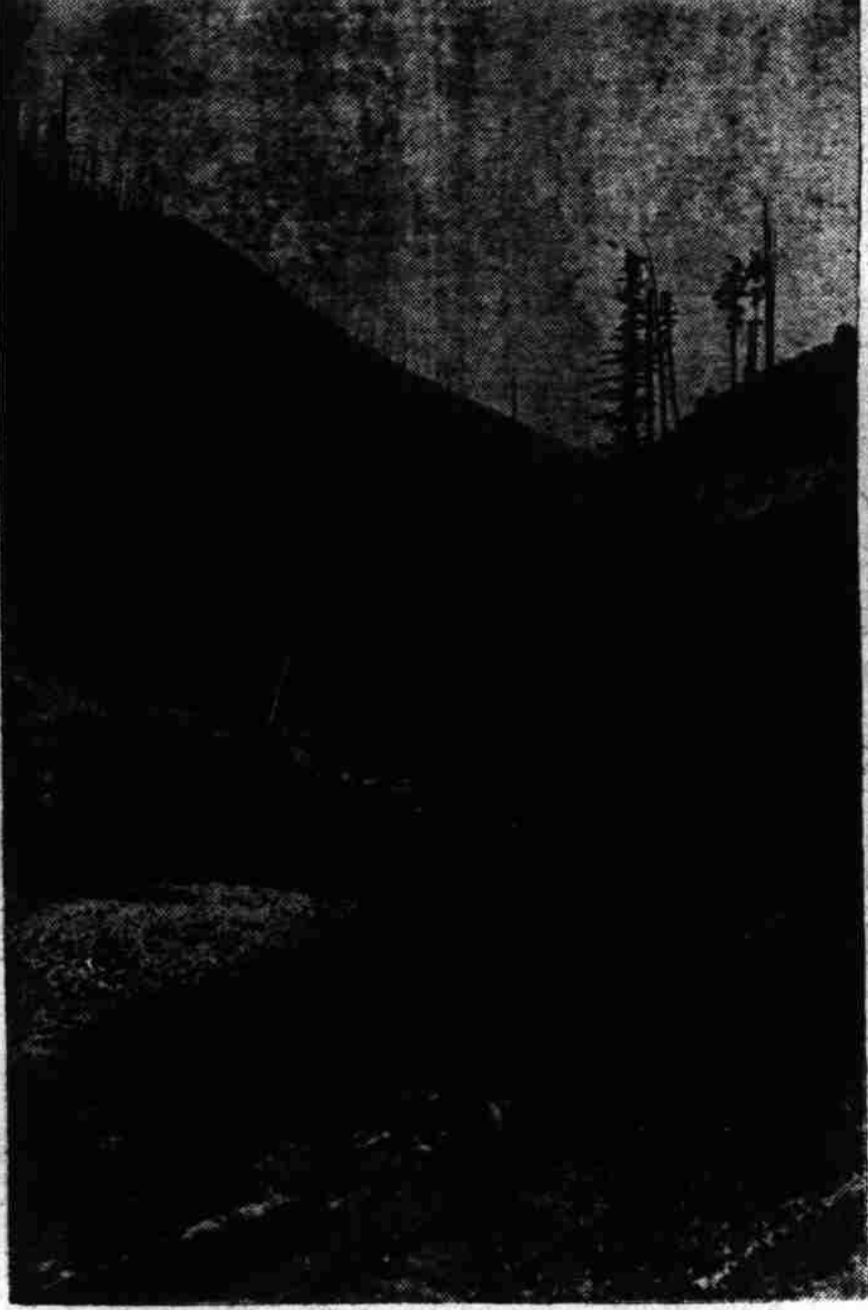
More Fish per Mile

"Some of the more radical fishermen seem to eye this project with the motto 'Save a fish and lose a farm' in mind. We have no desire to lose fish, and in fact the project will result not only in more farms but also in more fish in the 950 miles of fishing streams that will remain."

"Only 50 miles of fishing streams will be taken out in the reservoir space under the project, and in the 950 miles left, the project includes allotment of a million dollars for increasing the size of present fish hatcheries and constructing new ones," Kipp points out.

"This brings to an end the outline of the Willamette valley flood control project, its history and significance. Except to ask, in light of the dam and reservoir constructions, the irrigation, navigation, potential power, and other supplementary factors: Is it any wonder sponsors of the project see in it an absolute re-making of the Willamette valley?"

Dam Site Across North Santiam



The Detroit dam in the Willamette valley basin project, only one of the seven dams proposed to be in Marion county, will be erected 6.5 miles downstream from Detroit. Detroit will be moved as will a section of the North Santiam highway.

Dealers' Scalp Eyed Enviously

Schoens' and Pheasants Tangle in Tonight's Tiff on Turf

Softball settles down to the serious business of evolving a threat to the pinnacle-like status of the triple victorious Square Dealers as in tonight's 8 o'clock opener Schoens and the Golden Pheasants, each with one win and no losses, tangle in what is expected to be the evenest and best played tilt of the season thus far.

The cellar berth is also at stake, with the twice defeated Kennedy club opposing the thrice defeated Papermakers in the nightcap.

No comparative scores are available to keynote the Pheasant-Baker mix. Schoens in their appearance slapped a 10-2 defeat on Kennedys, while in their sole competition to date the Pheasants plastered the 'Makers by an 8-5 count. Schoens, knowing they are to meet the league-leading Dealers Thursday night, are hoping to thrust the glided birds so they may also be yet undefeated.

Manager Don Hendrie has added considerable strength since the debut of his team 10 days ago, however—including Pitcher Vern Gilmore, Shortstop Burch and an outfielder, and will be in position to give the Bakers plenty of opposition.

It is probable Pheasant Manager Bob Weller will rely on his Larson and Larson battery, while Hendrie more than likely will send the veteran Gilmore to the hill. On the strength of his relief showings, Kenny Lenaburg, the southpaw windmill, will probably get a starting call for the Papermakers, while Harold Smith, who hasn't received the best of support in previous pitching engagements, will probably toe the rubber for Kennedys.

League Baseball

Coast League (Before Night Games)			
	W	L	Pct.
Los Angeles	48	33	.593
Seattle	46	34	.575
San Francisco	42	35	.545
Oakland	39	41	.488
San Diego	36	41	.468
Sacramento	34	41	.453
Hollywood	35	45	.438
Portland	31	41	.431

American League (Before Night Game)			
	W	L	Pct.
New York	42	11	.792
Boston	30	11	.588
Cleveland	29	25	.537
Detroit	28	23	.549
Chicago	28	27	.518
Philadelphia	21	32	.396
Washington	22	35	.386
St. Louis	15	39	.278

National League			
	W	L	Pct.
Cincinnati	26	18	.487
St. Louis	29	24	.547
New York	28	26	.527
Brooklyn	26	26	.500
Chicago	28	28	.500
Pittsburgh	2	28	.462
Boston	21	31	.415
Philadelphia	20	31	.392

Looks Like Brawl For Joe and Tony

Selection of Donovan Is Clue Fight Will Be Rowdy Affair

By EDDIE BRIETZ

BOMPTON LAKES, N.J., June 20.—(AP)—One of those good old gas-house district brawls is shaping up for the gallery when Joe Louis and Tony Galento collide in the Yankee stadium a week from tomorrow night.

There may not be much of it, but it will be good while it lasts. The Galento camp has announced it will ask that Arthur Donovan, No. 1 New York referee, be named to officiate, and today the suggestion was approved, confirmed and heartily counter-signed by the brown bombing champion himself.

This could mean but one thing—that Galento, who just loves to rough things up, and Louis, who can when he has to, are anticipating nothing less than a knock-down, drag-out affair in their 15-round bout for the heavyweight title.

When Galento fought Arturo Bodoy some time back, all sorts of tactics not endorsed by the books—gouging, elbowing and butting—were brought into use. Donovan took the attitude that if the boys didn't mind, neither did he.

Joe Jacobs referred to this fight in letting it be known he would ask for Donovan in next week's bout.

Louis, who does most of his talking with his fists, opened up long enough today to say: "Donovan suits me fine. If Galento wants to rough it, we'll rough it. Don't forget I was once an ice man, too."

Olinger Swim Pool Is to Open Today

Olinger swimming pool, replete with a fresh coat of paint, filled with city water for the first time since its installation, and with accoutering bathhouses renovated, will open for the summer season this morning at 10 o'clock.

Playground Director Vern Gilmore, in making the announcement last night, said pool personnel is complete and everything in readiness for a full program of activities. The Leslie pool has been open for a week, but due to cool weather has not been as thickly populated as in former years.

The pools will remain open from 10 a.m. to 8 p.m. until warmer weather, when the closing time will probably be an hour later.

Silverton and Stayton Juniors Battle Today

SILVERTON — Silverton American Legion Juniors will meet Stayton Juniors on McGinnis field Wednesday at 4:45 p.m.

Wednesday night in the elimination games for the semi-pro tournament, Sherwood and Vernboort will play at 7:30 and Tualatin and Milwaukie Oaks at 9:30 o'clock.

Coast and big 10 End Track Season

Meet Today Brings Final to College Season; Coast Favored

BERKELEY, Calif., June 20.—(AP)—Picked performers of the Big Ten and Pacific Coast conferences provide a rousing anti-climax to 1933 collegiate track and field competition tomorrow in the first major "twilight" meet held in this section.

The longest day in the year prompted officials to schedule this third annual meeting between all-star teams of the two conferences for a starting time of 5:15 p.m. (PST), at the University of California track stadium.

The two teams number many of the outstanding athletes who competed in the National Collegiate A.A. championships at Los Angeles last week. Based on seasonal performances the coast team has been established as a strong favorite to defeat the middle western squad for the third successive year.

Brutus Hamilton, California coach, known for his conservatism, already is on record as predicting a one-sided victory for the coast.

Hamilton's opinion, however, is not shared by some of the Big Ten mentors, notably Tom Jones of Wisconsin and Charley Hoyt of Michigan. Jones expressed belief his protege, Walter Mehl, would score a win over Louis Zamperini of southern California in the mile run.

Astoria Fish Food Laboratory Okeh

PORTLAND, June 20.—(AP)—Tentative approval of a laboratory at Astoria for research in methods of preserving fish food supplies was granted by the state fish commission today.

Final authorization will depend upon acquisition of funds to meet the annual cost of \$6500. The plant would be located in an old cannery building owned by Clatsop county.

Ernest H. Wiegand, Oregon State college food expert, offered his services in establishing the laboratory.

Softball Leagues

Commercial League

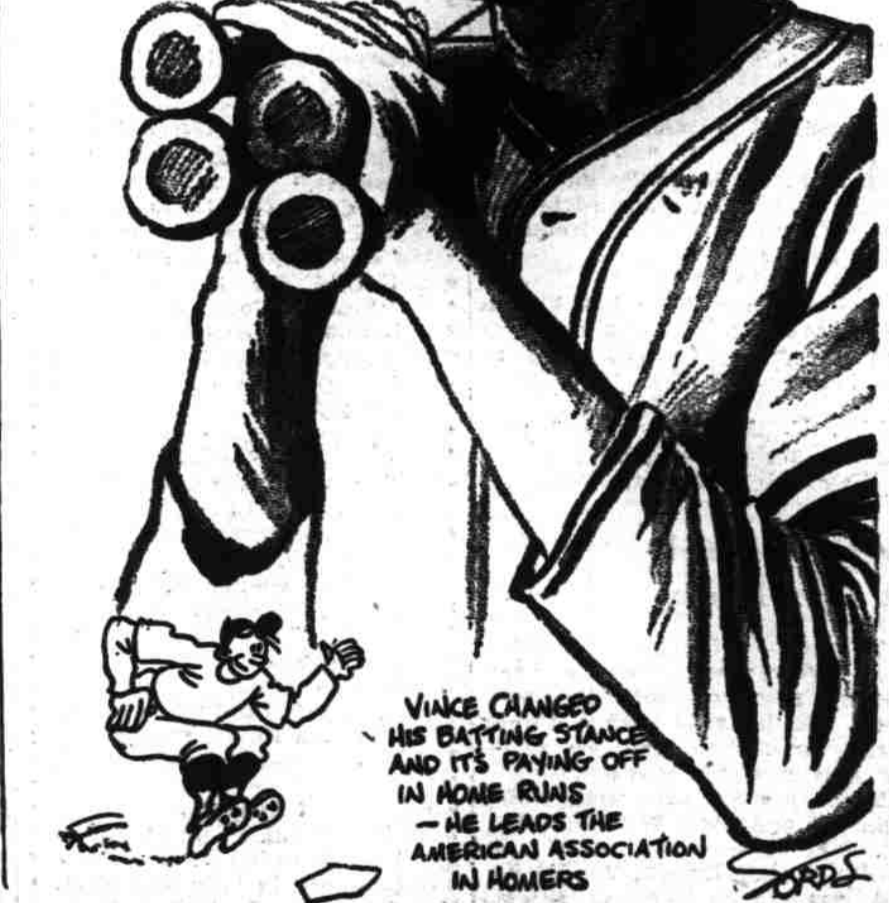
NYC	7	6	3
US Bank	13	12	3
Guthrie, Boyce and Humphries; Bertelson and Gustafson.			

Pete's Service	5	2	1
Parker's	9	7	2
Mickenham and Day; Weisner and Litwiller.			

Razor Clams Ban Goes Into Effect

PORTLAND, June 20.—(AP)—State police warned possession of razor clams by persons living outside coastal counties became illegal today until September 20.

The 1933 legislature made it unlawful for anyone to possess or offer razor clams for sale during the summer except in counties bordering the sea.



VINCE DIMAGGIO, KANSAS CITY STAR, BATTLES HIS WAY BACK INTO THE MAJORS WITH HIS BIG BAT

VINCE CHANGED HIS BATTING STANCE AND IS PAYING OFF IN HOME RUNS — HE LEADS THE AMERICAN ASSOCIATION IN HOMERS

Malheur Combats Cricket Invasion

VALE, June 20.—(AP)—A fence, a ditch, some oil and a torch were Malheur county's principal weapons today to combat a serious Mormon cricket infestation.

The county court authorized erection of a three-mile fence where the insects were the thickest. The crickets, knocked into the ditch when they strike the barrier, will be sprayed with oil and burned by CCC workers.

County Judge David F. Graham, who surveyed the affected area, said "conditions were much worse than expected." The pests, advancing on a 30-mile front, were within a few miles of Madras and spreading toward Jordan valley.

Advise Oregonians To Avoid Mussels

PORTLAND, June 20.—(AP)—The state board of health, commencing on the death of six persons in California, advised Oregon residents today not to eat mussels in June, July or August.

Dr. Frederick D. Stricker, health officer, said the last fatality occurred at Bandon six years ago but since then many persons have been seriously ill. The poisonous organisms found in mussels has not affected clams or oysters.

Highway Officials See Umpqua Road

ROSEBURG, June 20.—(AP)—Governor Sprague and state highway officials today inspected the North Umpqua road, which lacks only four miles of connecting Roseburg and Diamond lake.

Returning to Roseburg late in the afternoon, the governor and his party were entertained at a public banquet tonight.

On the inspection tour in addition to the governor, were H. F. Cabell, chairman of the state highway commission; H. W. W. F. Clark, highway commissioner; E. H. Shannon, state highway engineer; H. E. O'Connell, secretary;

Wuxtry! Cracker Business Booming

PORTLAND, June 20.—(AP)—The firecracker business of 16-year-old Eugene Harms at Oak Grove went boom today when a little girl customer lighted a fire cracker and tossed it into Eugene's stock.

Eugene laughed it off, saying it was the biggest pre-July fourth display he had ever financed. Everything from paper torpedoes to Roman candles went off but the boy escaped injury.

Pane Is Smashed, But Robber Taken

PORTLAND, June 20.—(AP)—Mrs. C. E. Carter smashed a huge plate glass window but she prevented a robbery at the Model drugstore today.

When an intruder struck her husband, the clerk, on the head with a gun, Mrs. Carter took aim with a straw container on the fountain counter. She missed the robber but the crash of glass scared him away.

Officer Clifton Watson picked up Otto E. Parker, 25, a few moments later and accused him of attempted holdup and assault with a dangerous weapon.