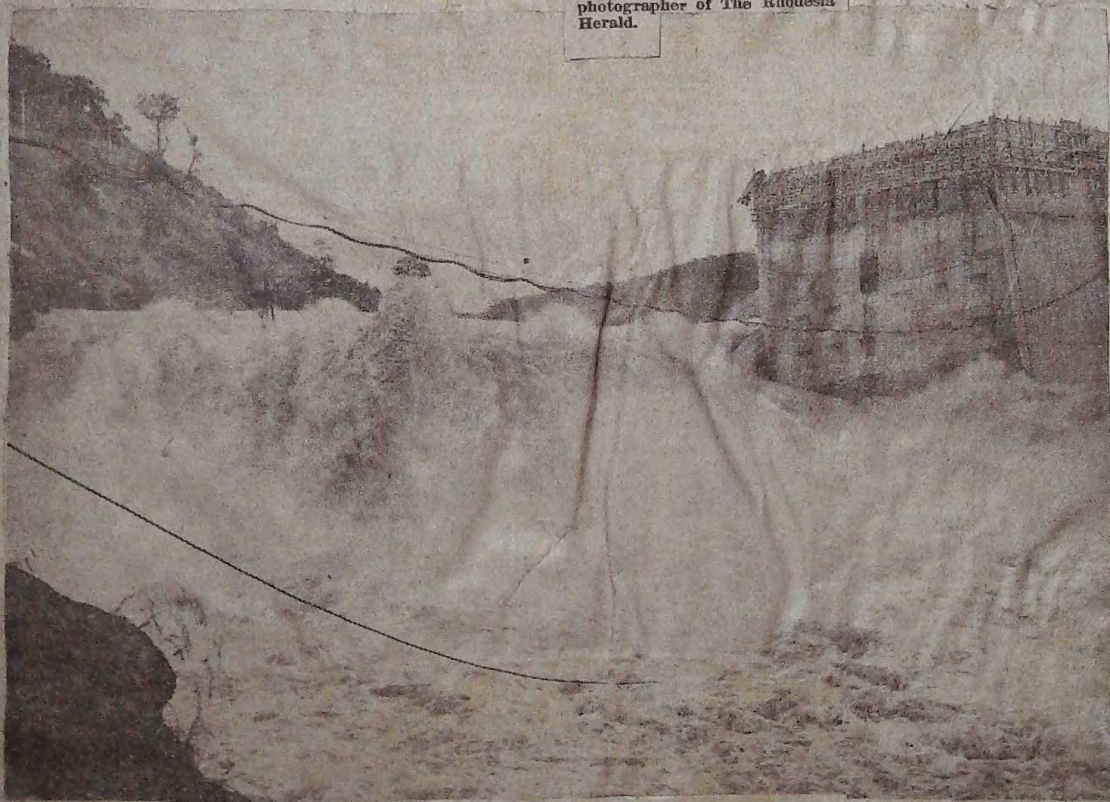




HURLING spray 60 feet into the air, the Zambesi River roars down the diversion channel between the blocks of the main dam wall at Kariba, shown rising in the background. This dramatic picture of a great river on the rampage was taken yesterday from the north bank by a staff photographer of The Rhodesia Herald.

Rhodesians



MORE than half-a-mile of rubber hose has been carried across the Zambesi River at Kariba by the Blondin cables to supply domestic water to the north bank residents who have been waterless since the suspension bridge across the river was swept away on Tuesday. Here the hose can be clearly seen spanning the river as it roars past one of the blocks of the main dam wall.



Rhodesian

THE main dam wall at Kariba is growing rapidly upwards from the river bed. This photograph shows Africans working at the site.



ONE of the joys of Kariba—lorries plough through the deep mud on a dam site road. A staff photographer had to spend 10 minutes groping under the surface to find his shoes after taking this picture yesterday.

At last . . .



WITH a rumble and a roar, rocks and sand and gravel will this morning be carried along this conveyor, suspended over the Zambesi, to drop them into the gaps in the dam wall (arrowed) to harness the river for the first time.

Kariba power-house takes shape

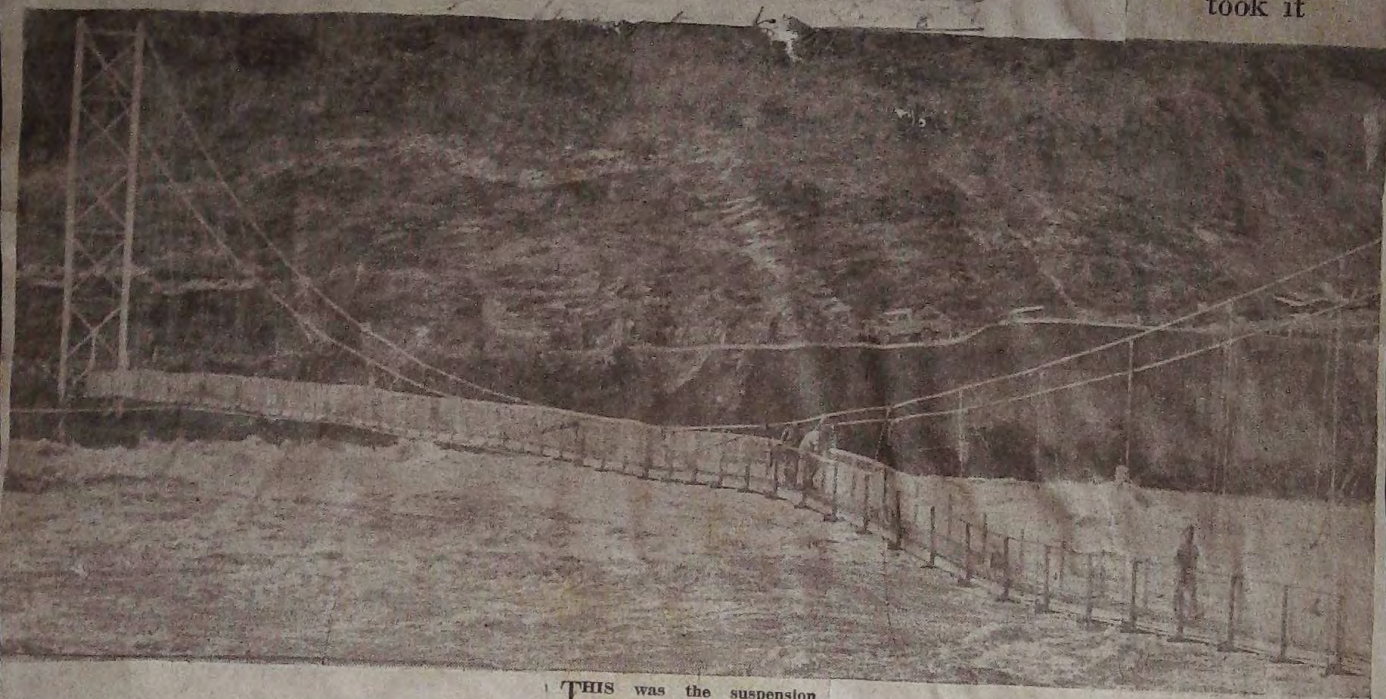


THE great cavern, constructed hundreds of feet below ground for the Kariba power-house, which had to be sealed off to prevent the swollen Zambesi flooding in. This picture of the great hall under construction gives some indication of the magnitude of the disaster that could have happened if the Zambesi had broken in.

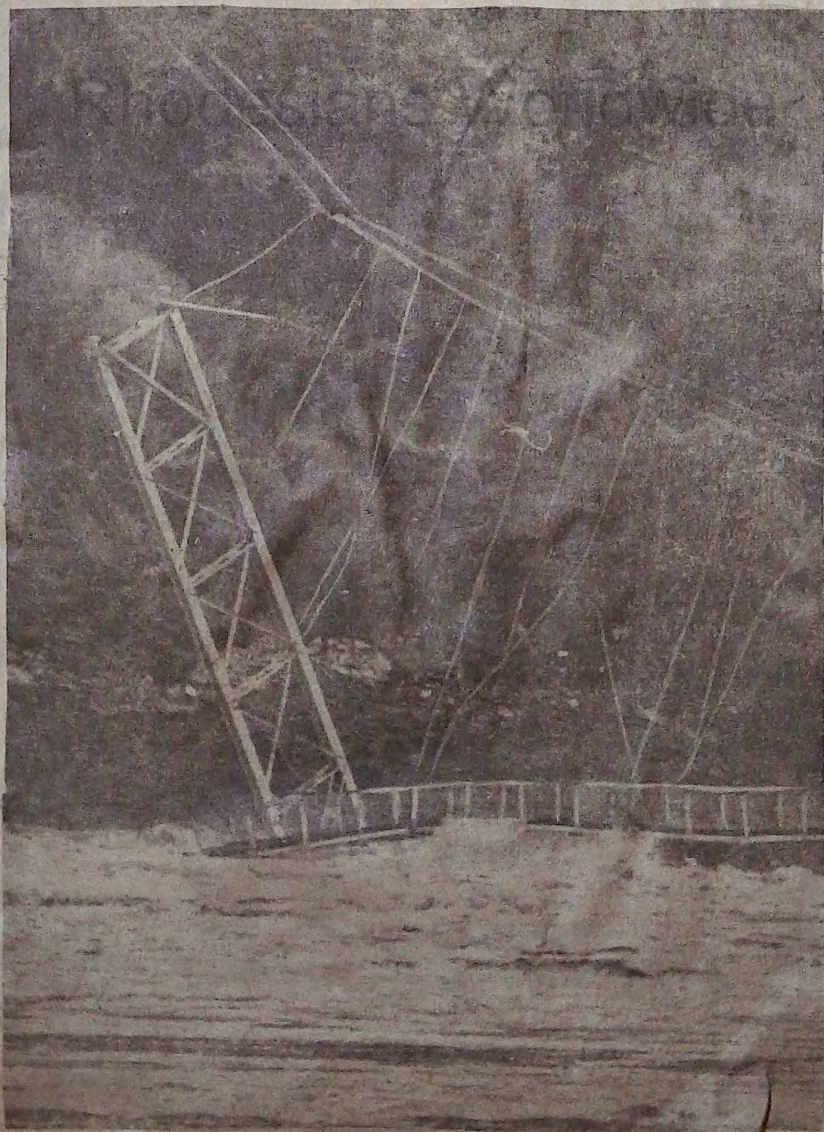
Suspension bridge's last moments

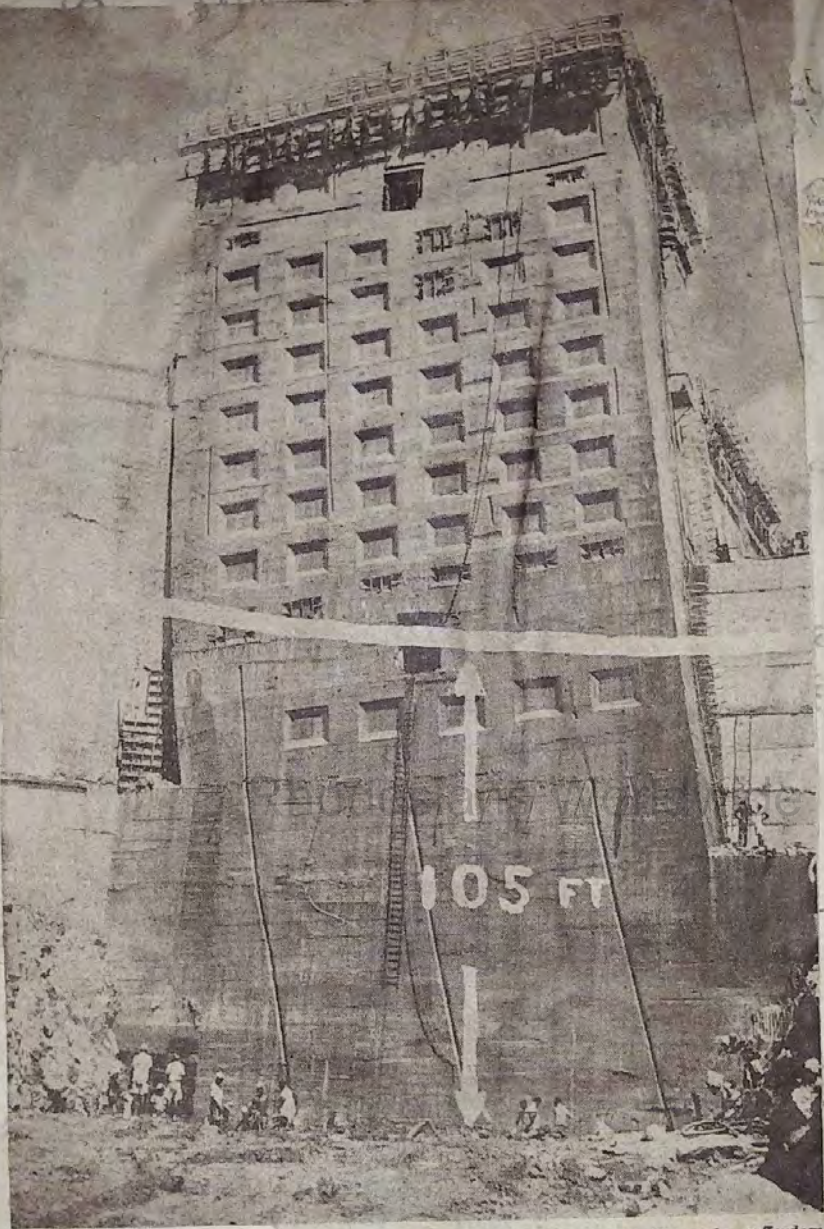


Before flood
took it



THIS was the suspension bridge at Kariba, swept away by the flooded Zambesi River yesterday. The bridge, which had a span of 690 feet, is believed to have been the longest of its kind in the world. Before it was carried away the 67 foot north bank tower collapsed into the river.



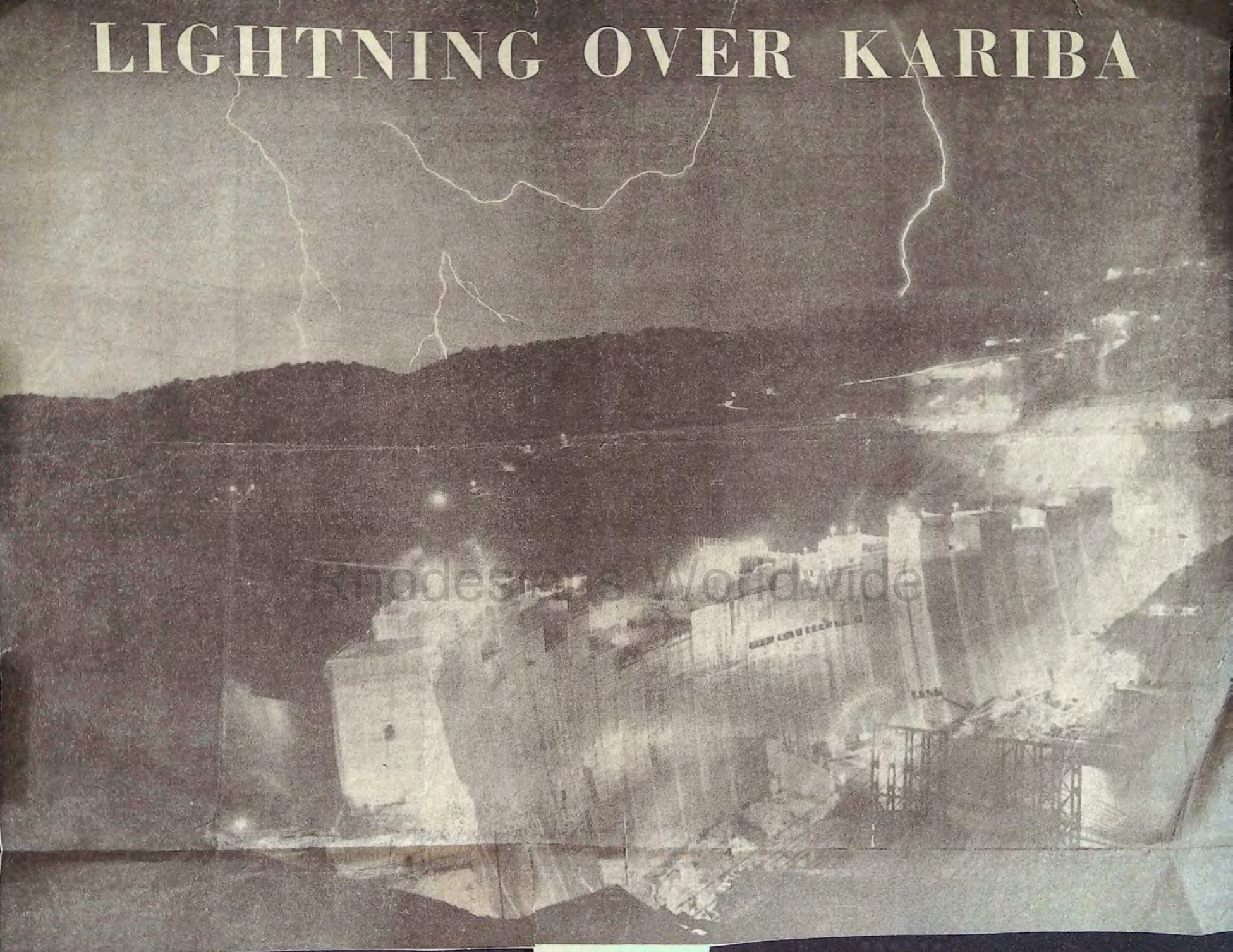


THIS photograph taken from inside the main cofferdam at Kariba shortly before it was flooded illustrates where the level of the water has risen—about 105 feet above the floor of the cofferdam. Rising like a Salisbury skyscraper under construction is a block of the wall of the main Kariba Dam, dwarfing the men below.

117-8-9

$$20 - \left(20 \times \frac{3^3}{100} \right) = 20 + 20 - \left(20 + 20 \times \frac{5}{100} \right)$$

LIGHTNING OVER KARIBA

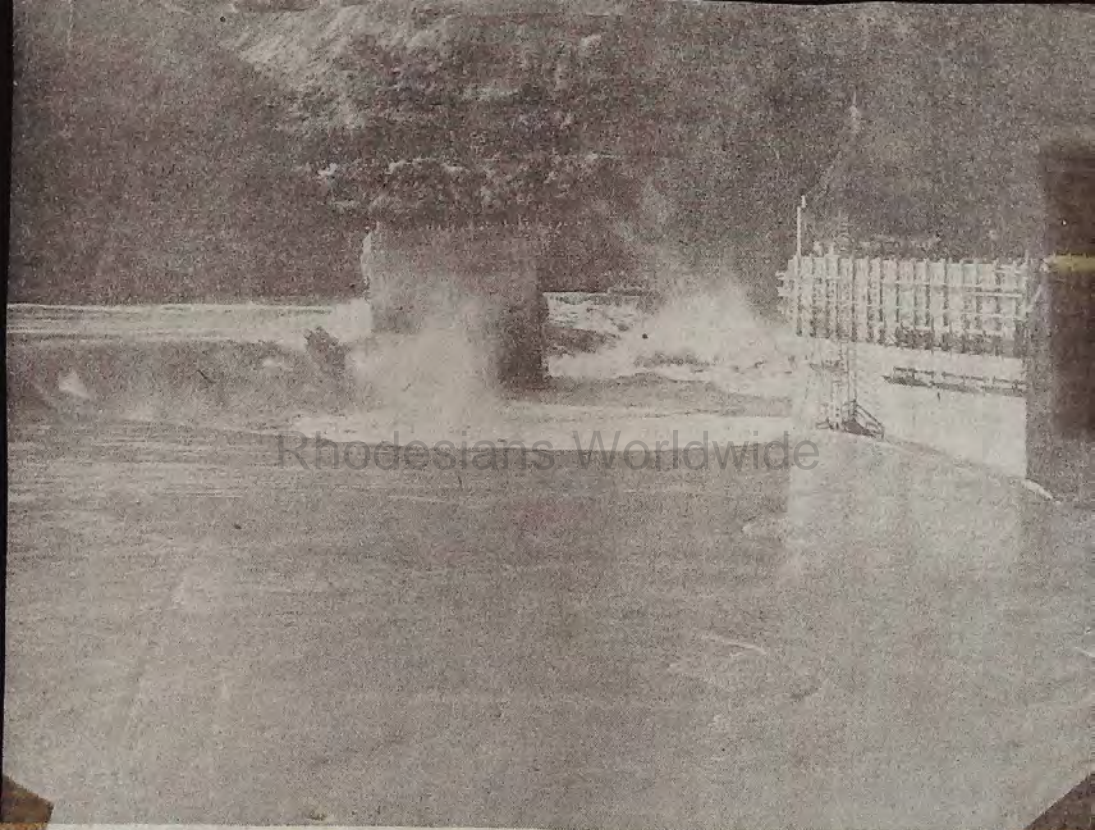


Dramatically, this magnificent night scene at Kariba illustrates the urgency and suspense of life at the dam site today. As the world waits for the flow of the Zambesi to be stopped, the pouring of concrete goes ahead in the glare of arc lamps and lightning gives a promise of the rain that doesn't come. The river, re-



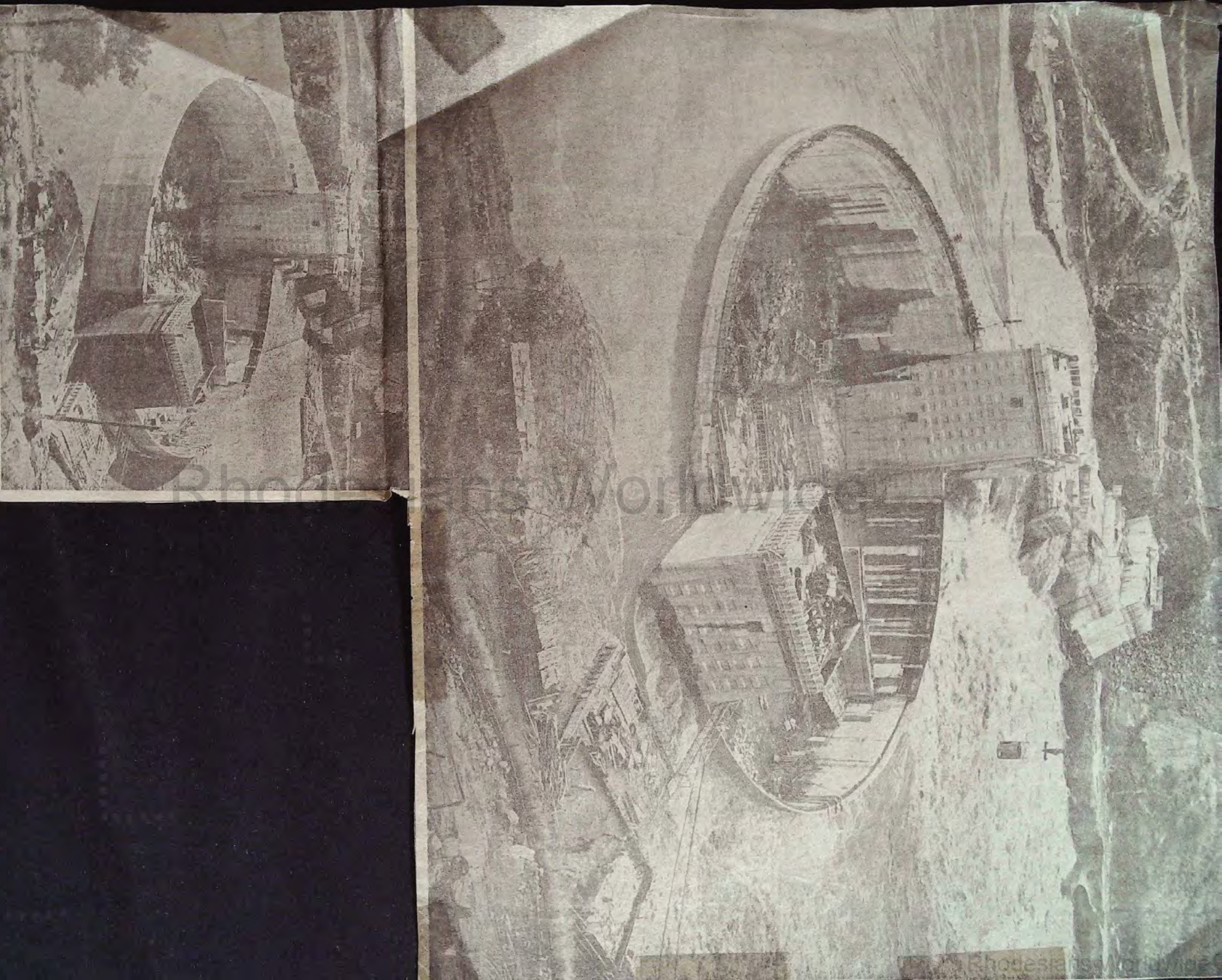
Rhode Jans Worldwide

THE scene at the Kariba dam site yesterday after the flood-swollen Zambesi, thwarted in its attempts to overtop the cofferdam, had flooded this essential part of the £80,000,000 project from underneath. The leak occurred 75 feet under the logs and debris which can be seen on the far side of what is now being called "Impressit's swimming pool."




Rhodesians Worldwide

A VIEW of the submerged
cofferdam from upstream
of the Kariba dam site.

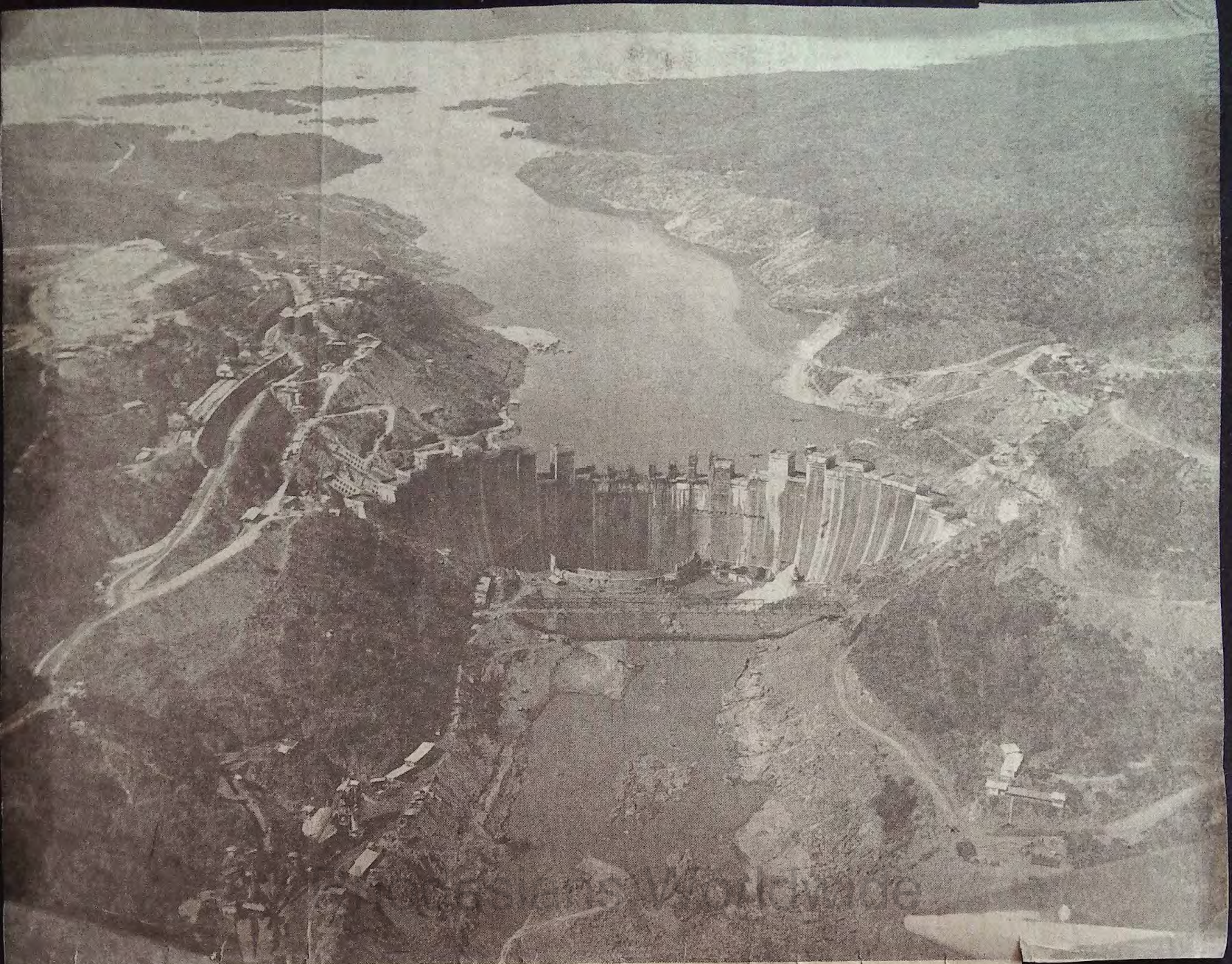


FLOODWATERS race round the thin concrete walls of the Kariba coffer dam. When the picture was taken late yesterday afternoon only 7 ft. of the coffer dam stood above the flooded Zambezi, which is already level above last year's record level. Workmen can be seen battling to raise the bulk of the upstream wall with a barrage of sandbags, reinforced with steel rods. In contrast, the smaller picture, taken a week ago, shows the water well down and work on the four stations of the main wall going ahead.



Rhodesians Work

A BROAD torrent of madly rushing water, the Zambezi surges down the Kariba gorge. In this aerial picture taken upstream from the big circular cofferdam in the foreground the water can be clearly seen rushing over the cofferdam.



THE tamed Zambesi—in this spectacular photograph, taken by a staff photographer from an aircraft over Kariba during the weekend, part of Kariba Lake (now 22½ times the size of Lake Mellwaine) can be seen stretching into the distance. Eventually, all the land at the top of the picture will be under water. The high water mark nearer the dam wall can be seen where the hillsides have been cleared of bush. And at the foot of the picture is the mighty Zambesi—a thin trickle, fed by the white water coming through a pipe at the bottom of the wall.

Kariba wall is to get its millionth yard of concrete

By A Staff Reporter

FOUR flags will be hoisted on the top of Kariba dam wall this morning to mark the pouring of the one-millionth cubic yard of concrete. One block of the wall is only three feet from the top and the new lake is now 22½ "Mellwaines."

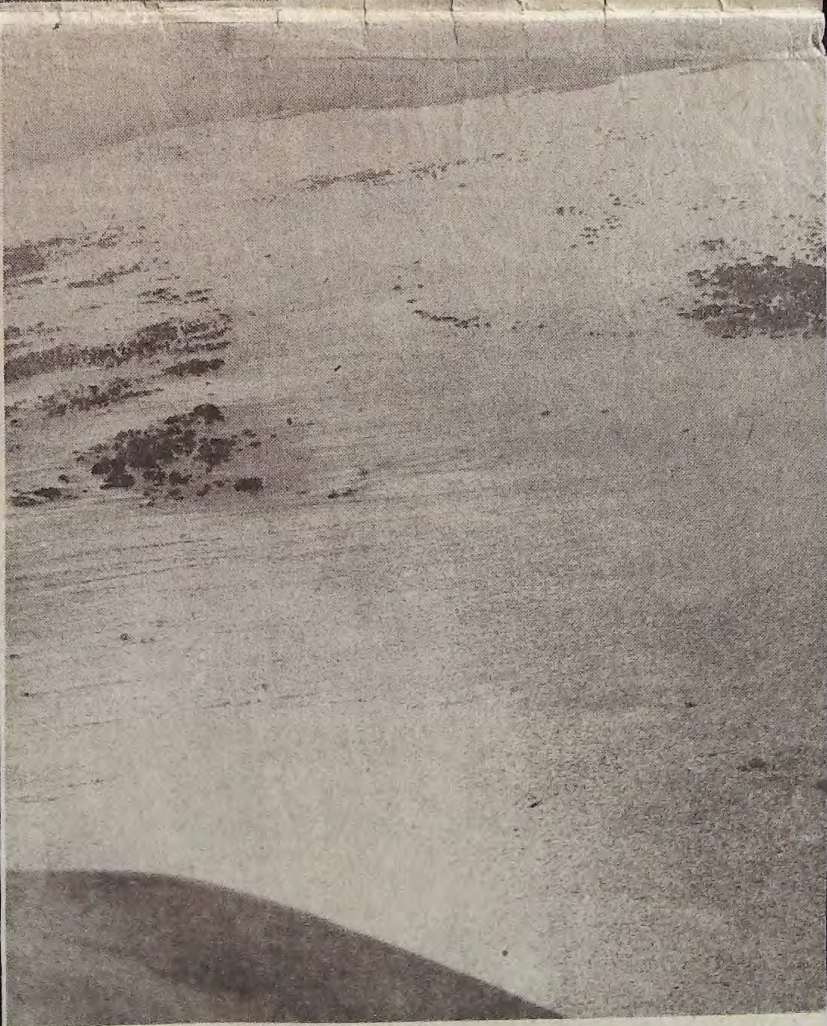
The flags to fly on the wall will be Federal, British, Italian and French—the last two in honour of the firm building the dam and the consultants.

One "Mellwaine" equals the capacity of Salisbury's reservoir and lake playground. In other words, Kariba now holds 1,237,500,000,000 gallons.

Despite its 1,000,000 cubic yards of concrete, the dam wall looks almost dainty compared with the bulk of water already backing up behind it.

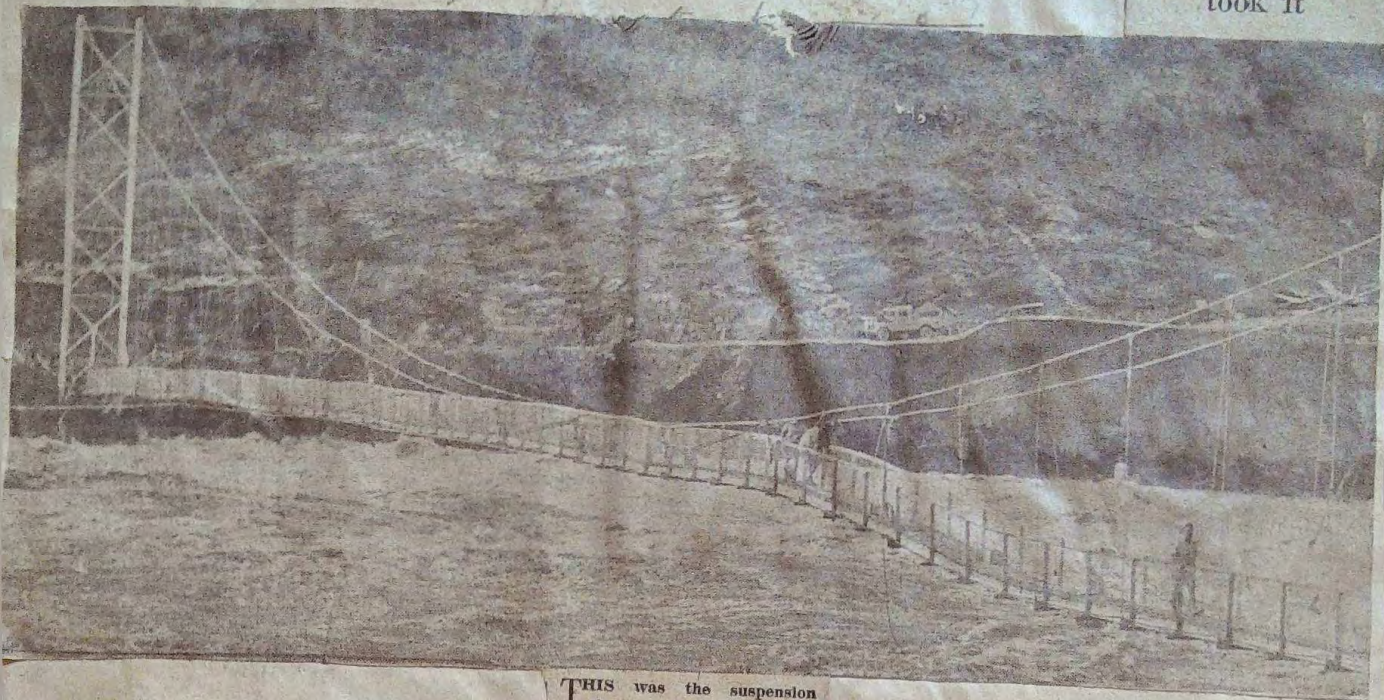
In places, the new lake is four or five miles wide and former tributary rivers are being obliterated under the sheet of creeping water.

Even the Sanyati—which only a year ago contributed to the damage during the floods—has more or less lost its identity in the lake.

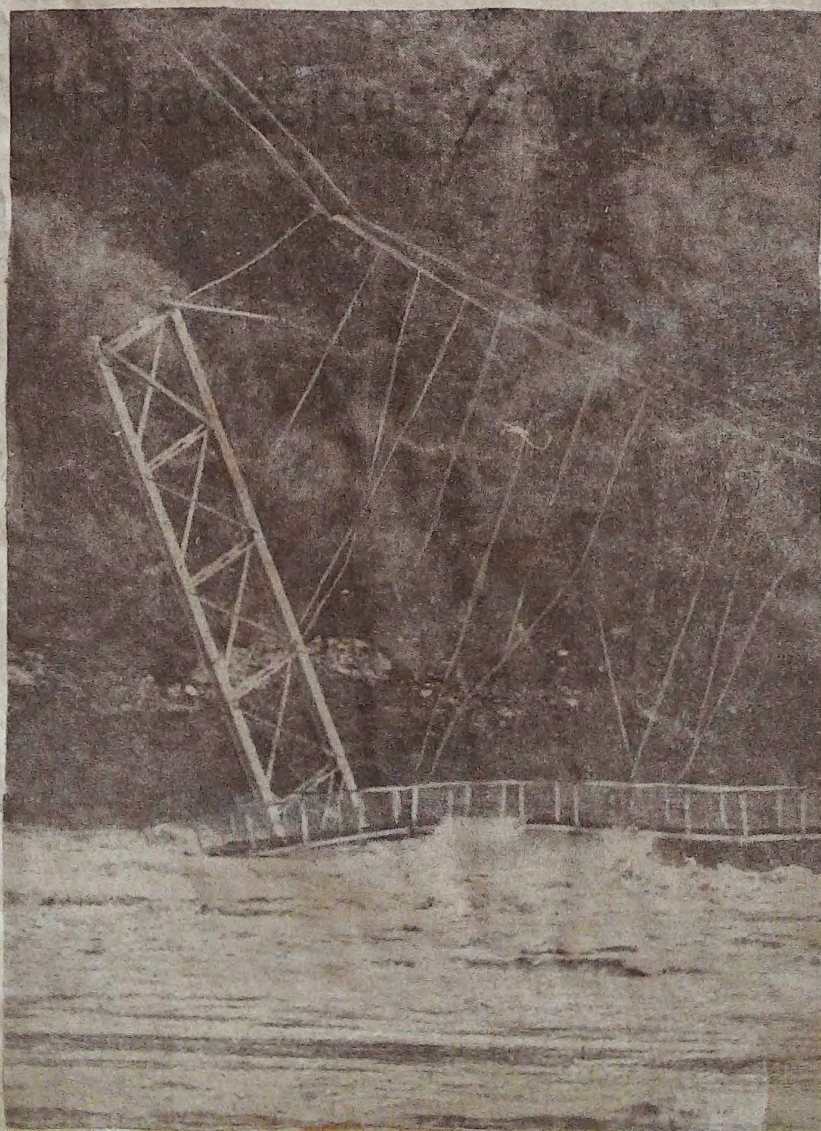


KARIBA AIRPORT, R.L.P.—Somewhere beneath this expanse of water, steadily rising to create the new lake, lies the old Kariba Airport, abandoned a few months ago in favour of a new one beyond the reach of the water.

Before flood
took it



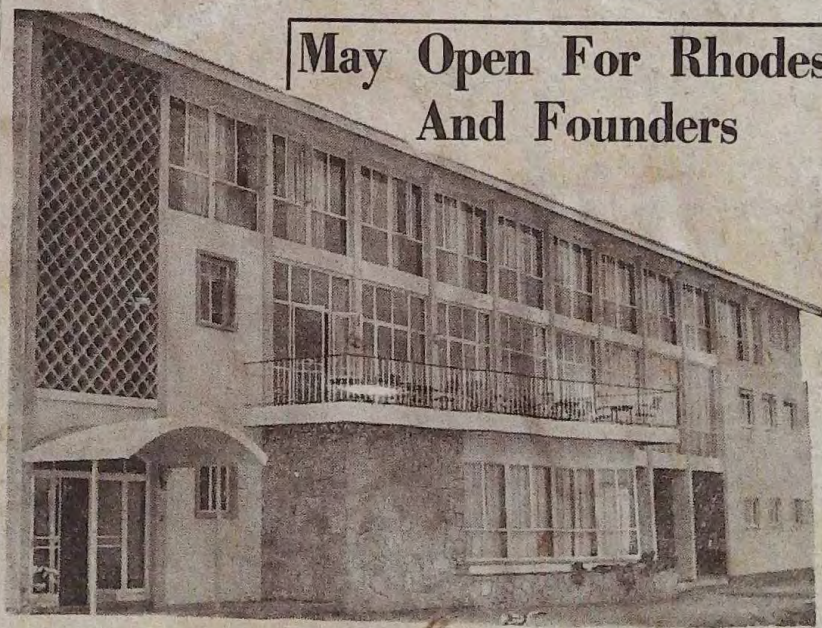
THIS was the suspension bridge at Kariba, swept away by the flooded Zambesi River yesterday. The bridge, which had a span of 690 feet, is believed to have been the longest of its kind in the world. Before it was carried away the 67 foot north bank tower collapsed into the river.



Gone
fishing



May Open For Rhodes And Founders



Sunday Mail Reporter
KARIBA'S ultra - modern
£80,000 hotel will be opening
its doors for guests very soon
— in time for Rhodes and
Founders week-end, a spokes-
man for the owners expects.
The hotel will hold a full liquor
licence.

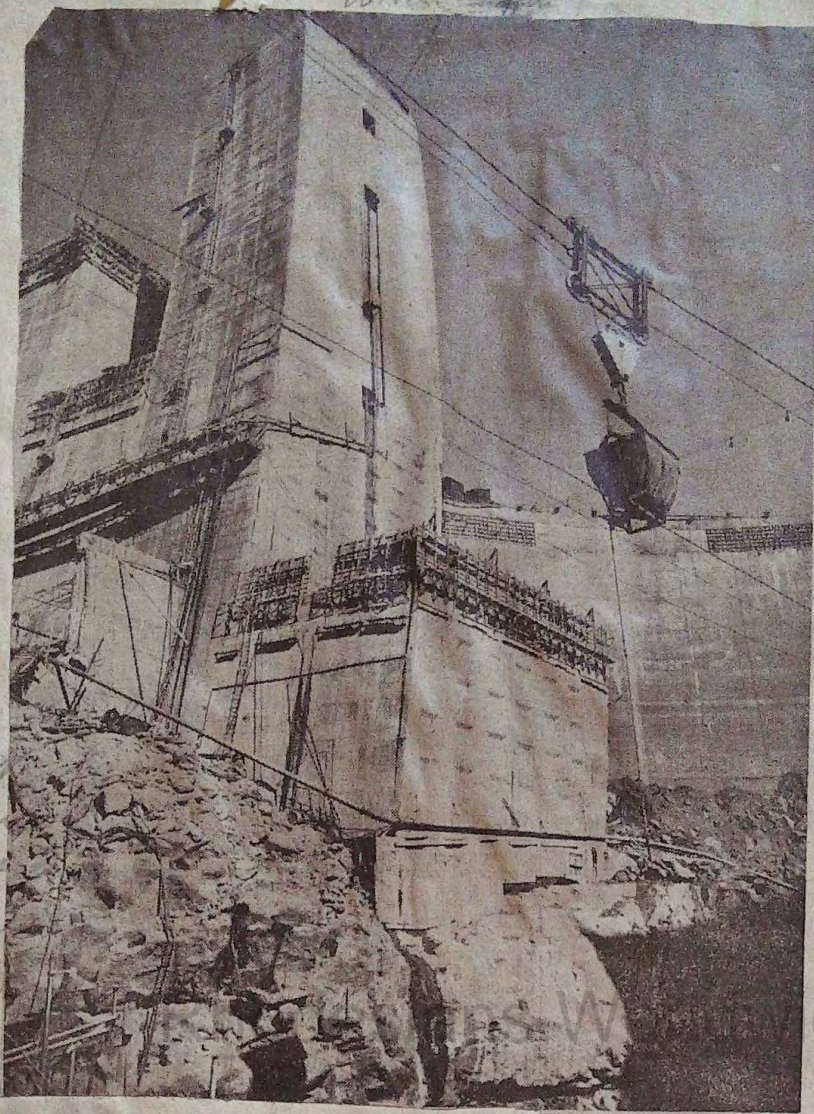
When I called at the hotel last
week, bearded acting manager
Graham Paxton was busy
stacking bottles of Scotch, gin
and wines into the cellar. He
told me that although many
inquiries for accommodation
at this 29-guest hotel had been
coming in, no firm bookings
have been accepted until the
opening date is known. The
hotel will be well under way
when the official opening cere-
mony takes place in a few
weeks.

This compact but luxurious little
hotel must certainly offer its
guests a view as magnificent
as any in the Federation. When
Kariba lake starts filling up at
the end of this year, each
ceiling-to-floor bedroom win-
dow will command an un-
interrupted view of a vast ex-
panse of water.

From the long veranda which
connects the bedrooms from
the other side, visitors will
look right across Kariba gorge
about four miles away. Every
comfort detail has been
thought of, including a mas-
sive refrigerator store to keep
all drinks ice cold in this thirst-
making part of the country.
Ice water will also be continu-
ally on tap.

The spacious dining room decor-
ated in sunshine yellow, pastel
turquoise and sepla, has a
maple floor for dancing. The
quilted nylon walls of the
cocktail lounge have a Paris
motif, and all furnishings
throughout are of the modern
Swedish pattern. Of necessity
owing to its isolation, this will
not be a cheap hotel, but
neither, say the owners, will it
be a first-class one.

Jan 31



STANDING starkly against the sky, this towering block of the main dam wall at Kariba was covered by the recent floods. The photograph was taken from inside the cofferdam.

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Jan 31 To Bank 15 Jan 20 By Bank 2
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21
10

THE extent and power of the flooding in the Kariba area can be judged from the photograph taken over the dam site yesterday by a staff photographer looking upstream. The Zambesi curls and twists into the middle distance, joined on the left of the picture by the Sanyati River.



DEPTH OF FLOODS

Depth this week 150 ft.

Normal Flood level 120 ft.

Normal Depth
50 to 60 ft.



If Salisbury's Tanganyika House were to be dropped into the Zambesi at the Kariba cofferdam it would be 20ft. below the surface.

The normal depth of the river at the cofferdam is 50ft. to 60ft. At times of normal flood it rises to 120ft.—which would be 10ft. below the roof of Tanganyika House.

And at the height of the flood last week the river was 150ft. deep, tearing along at far more than 400,000 cubic feet of water each second, and two storeys higher than Tanganyika House.

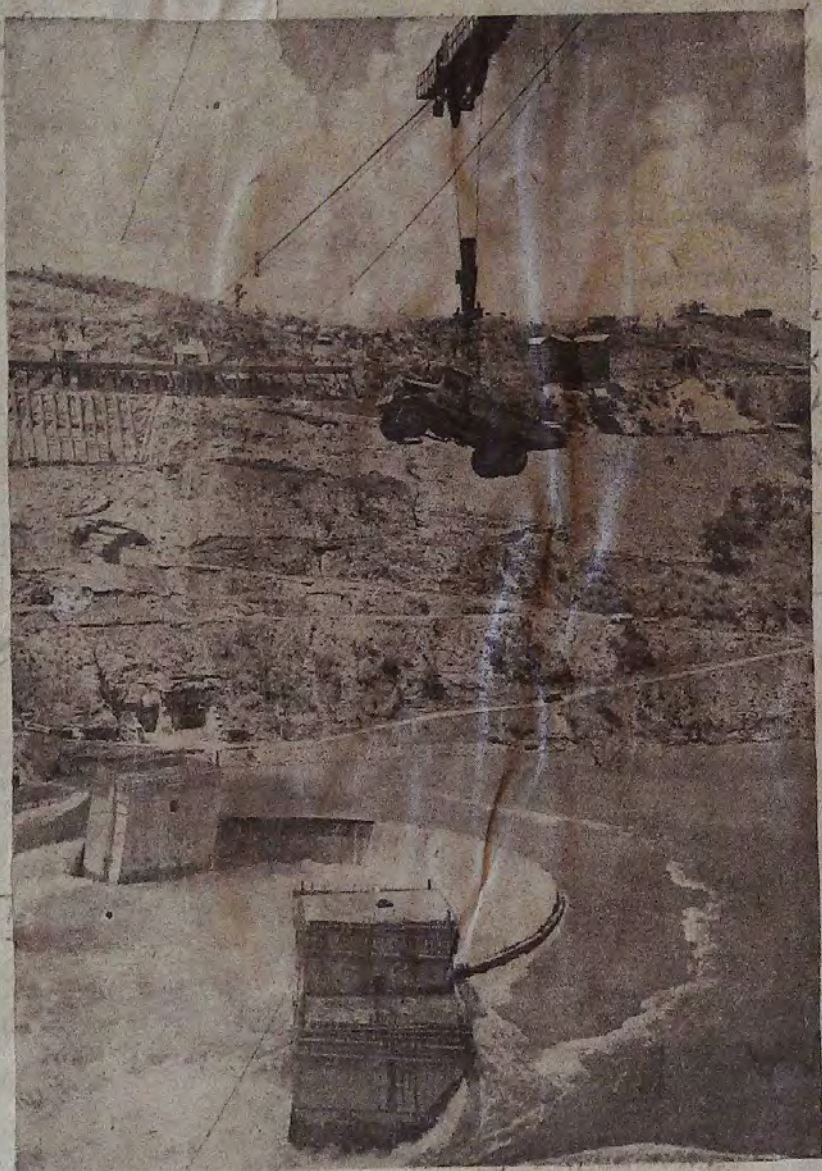


A fine study of the Zambezi pouring over the cofferdam at Kariba. This picture, taken yesterday morning, shows that the water level is still well above the cofferdam wall, but is falling.



THE waters of the rising Zambesi finally top the upstream wall of the big circular cofferdam at Kariba, in spite of it being raised a further 12 feet. On the left the river roars through the blocks of the main dam wall.

The big lift at Kariba

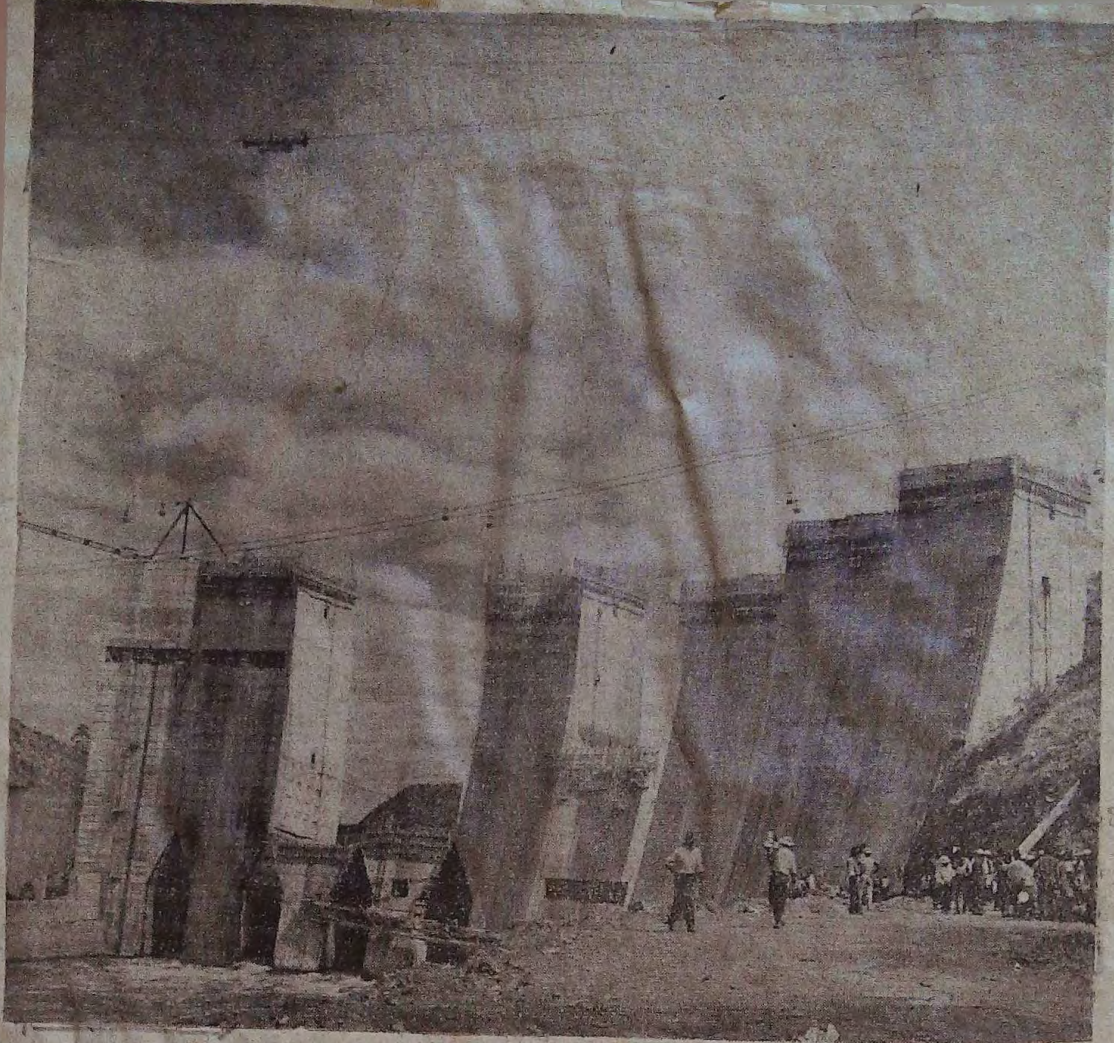


THE only means of moving men and materials from one side of the river to the other at Kariba is by Blondin cable now that both the road bridge and suspension bridge have been swept away. In this picture a giant 22-ton Euclid truck is being carried 200 feet above the river from one side to the other. This is the maximum weight the cables can carry. Work is being pushed ahead to complete a third cable. The cables cost about £100 an hour to use.

Kariba dam wall
takes shape



THE main dam wall at Kariba is rapidly taking shape, as this picture illustrates. It was taken at the point on the south bank to which the wall will reach when finished. The vast size of the structure can be gauged from the way the main wall dwarfs the crescent-shaped cofferdam shown in the centre.



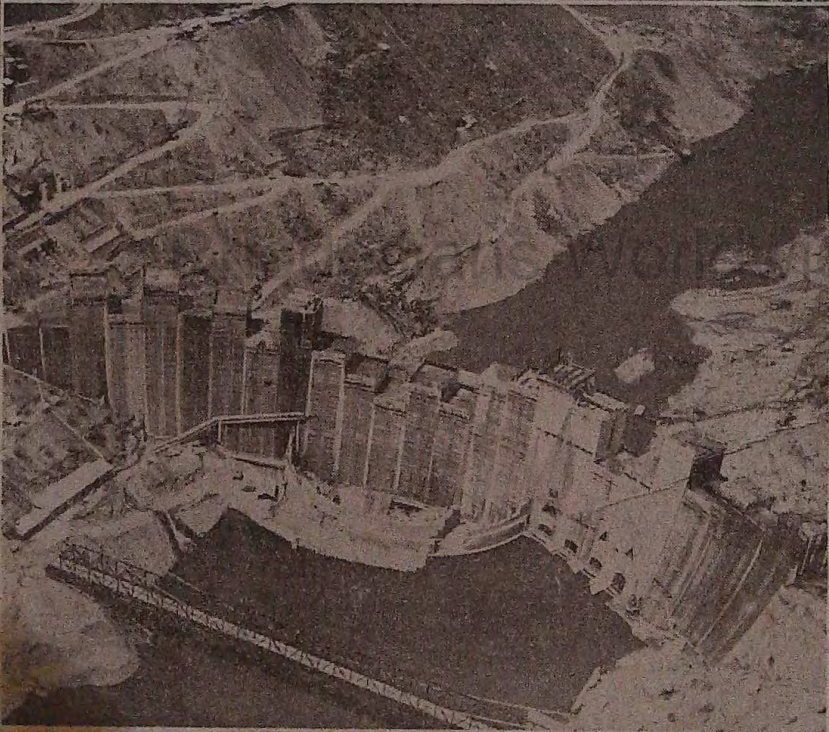
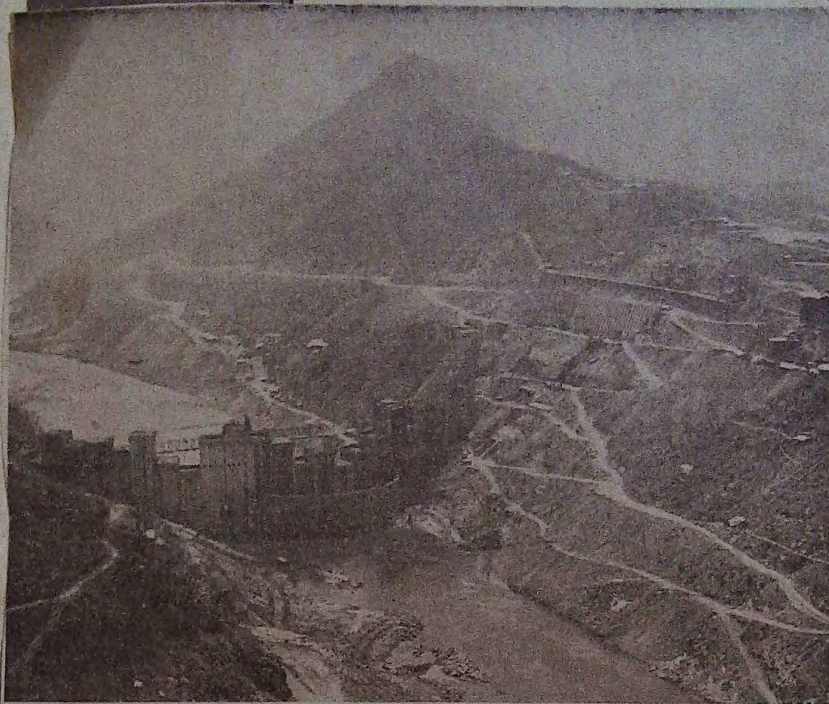
Rhodesian

THE main dam wall at Kariba is growing rapidly upwards from the river bed. This photograph shows Africans working at the site.



ONE of the joys of Kariba—lorries plough through the deep mud on a dam site road. A staff photographer had to spend 10 minutes groping under the surface to find his shoes after taking this picture yesterday.

Skyscrapers Standing In A River Bed ...



Skyscrapers in a river bed—that is how the Kariba dam wall looks today as it mounts steadily towards its final height of about 420ft.

Soon the four gaps will be closed and the Zambesi will be in thrall to man.

These dramatic pictures were taken last week.

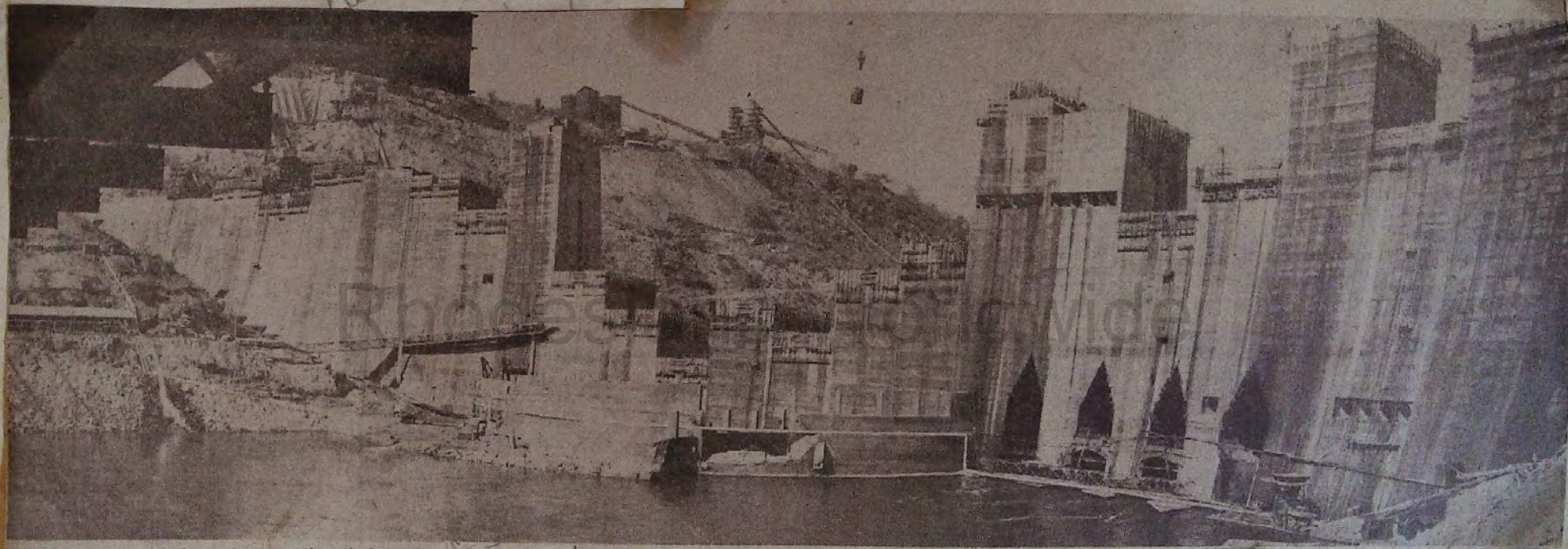
The Federal Power Board have instructed their electrical consulting engineers to make investigations and recommendations to provide an accurate estimate of the cost of supplying Kariba power to the electricity undertakings.

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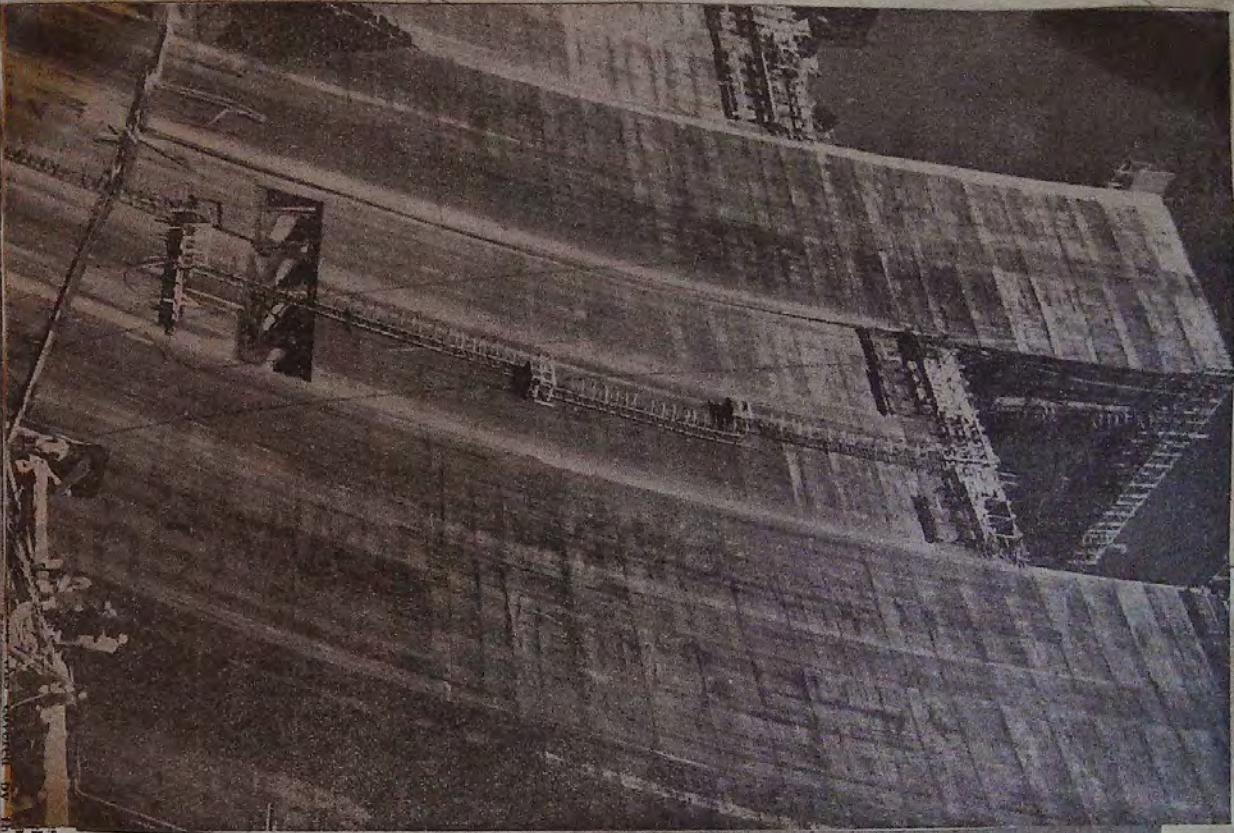
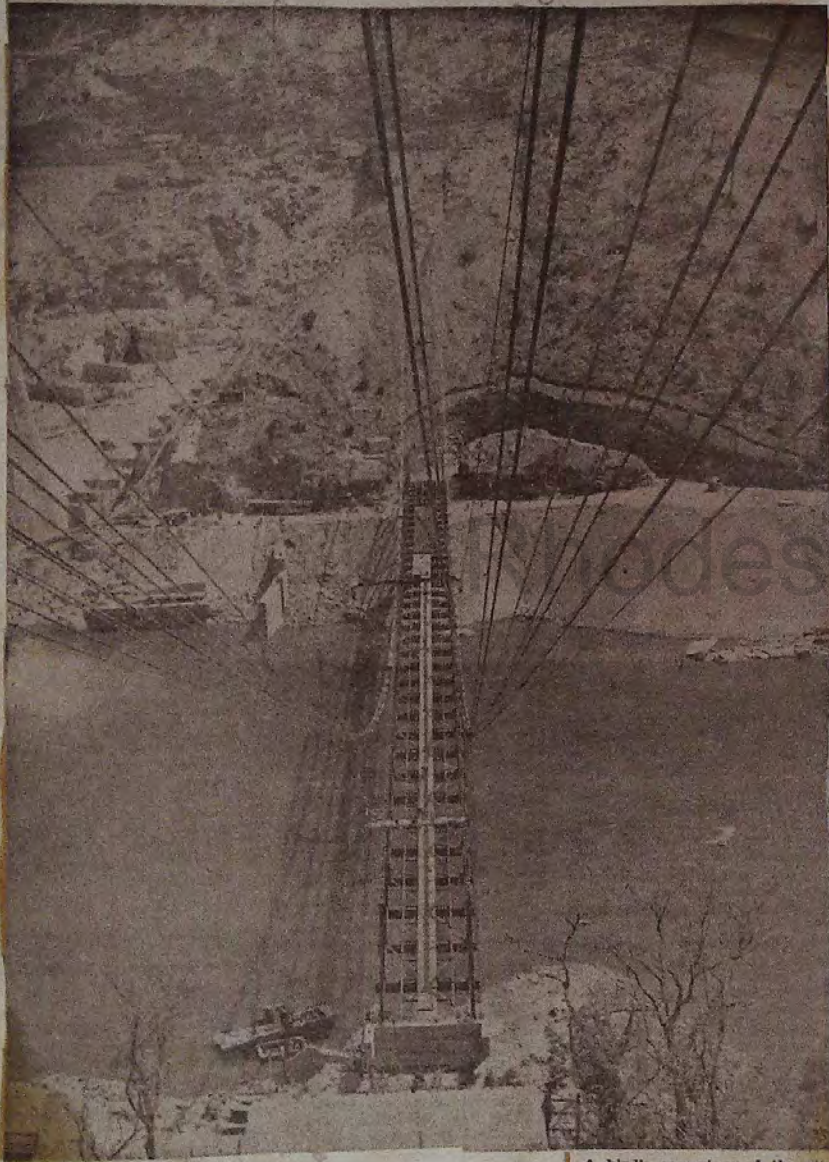
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This mighty wall will stem the Zambesi



NEARLY half-way up—the great sweep of the main dam wall at Kariba, expected to be half completed within the next fortnight. On the left of this dramatic composite picture taken by a staff photographer of The Rhodesia Herald is the silhouette of the girders of the new road bridge, replacing the one destroyed by the floods. Centre is the circular cofferdam built so that workmen could get at the bed of the river and now dwarfed by the wall to which it gave birth. Right are the triangular-headed gaps—the Zambesi's only pathway—which are being gradually closed up.

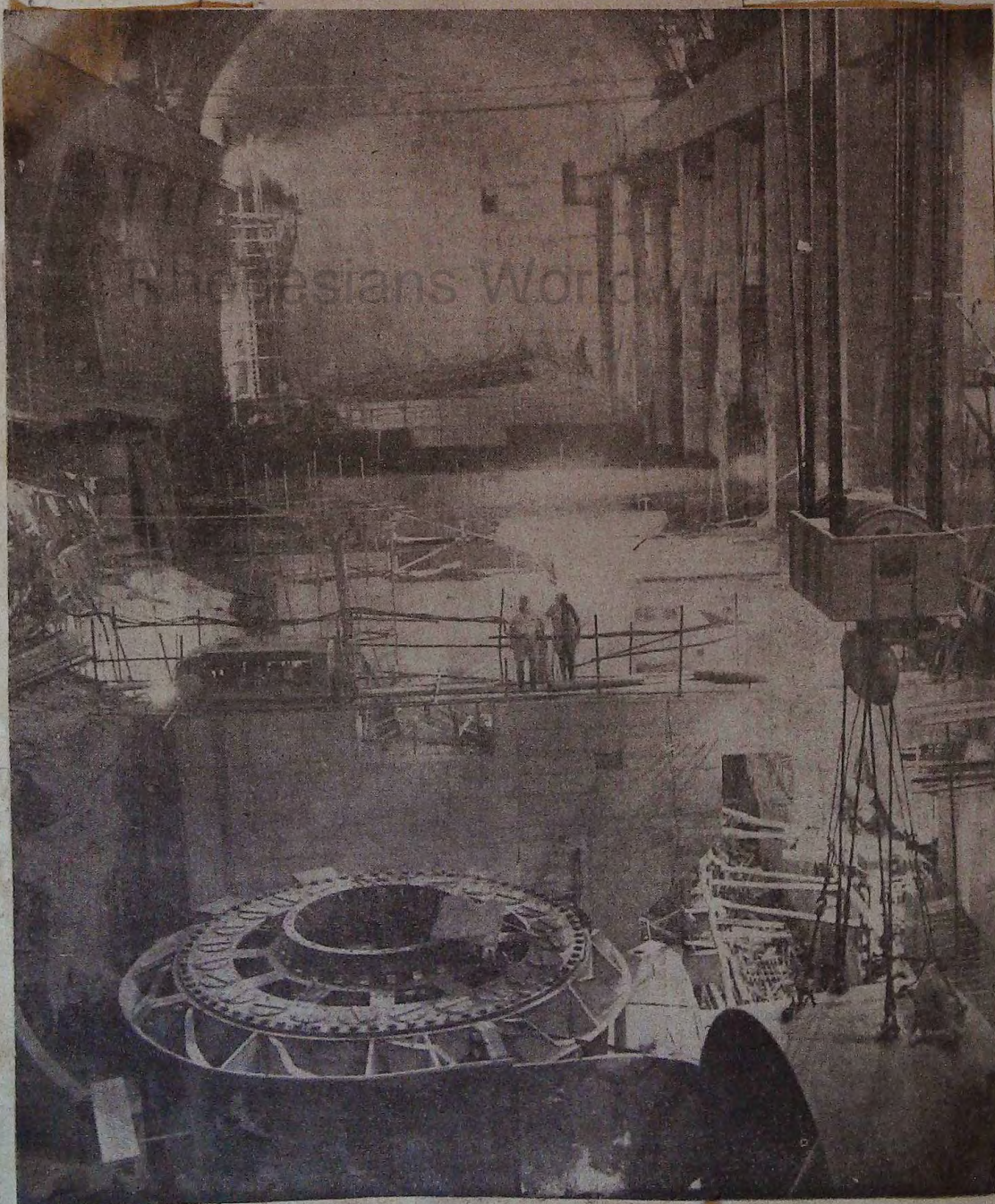
OVER THE ZAMBESI



A bird's eye view of the new road suspension bridge high above the Zambezi at Kariba. Stretching 700 feet across the river, the 14ft.-wide bridge will soon be ready for traffic.

Power goes underground

THE first turbine is being installed in the enormous underground power station at Kariba. This impressive picture of the cavern was taken by a staff photographer of The Rhodesia Herald by firing an electronic flash 10 times from the parapet in the top left-hand corner of the photograph.

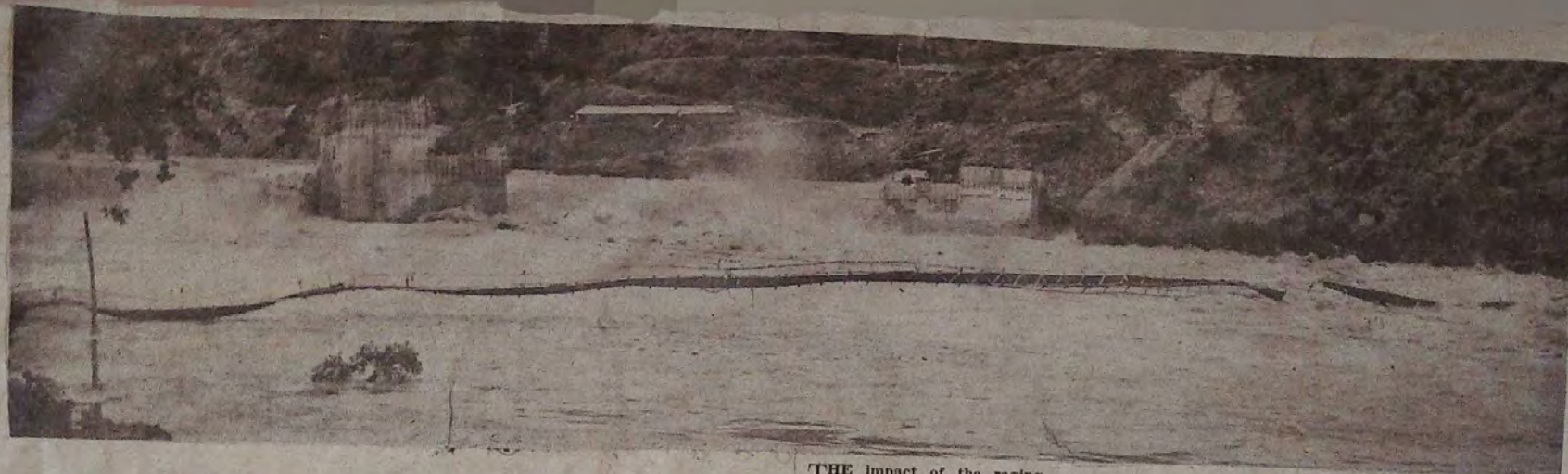


FROM any angle it still represents a lot of concrete—the main dam wall of the Kariba hydro-electric scheme describes a perfect arch across the gorge at Kariba.

FROM any angle it still represents a lot of concrete—the main dam wall of the Kariba hydro-electric scheme describes a perfect arch across the gorge at Kariba.

An aerial photograph showing the Hoover Dam, a massive concrete structure spanning a deep canyon. The dam's spillways are visible on the right side. To the left of the dam, the rugged, rocky terrain of the canyon walls is prominent. In the foreground, the calm waters of Lake Mead are visible, reflecting the sky. The overall scene captures the scale of the engineering project in its natural setting.

One of the most dramatic pictures ever to come from Kariba shows how the massive concrete wall is taking shape.



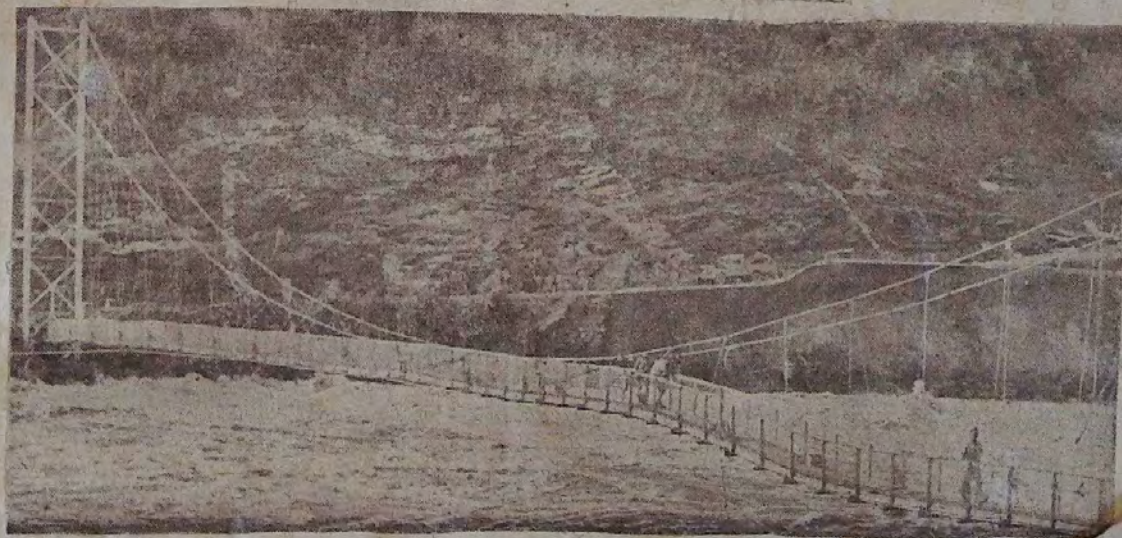
THE impact of the raging Zambesi River as it pulverises the suspension bridge at Kariba is captured in the dramatic photograph (top) taken by a Rhodesia Herald photographer—moments before the structure was swept away by the surging waters.

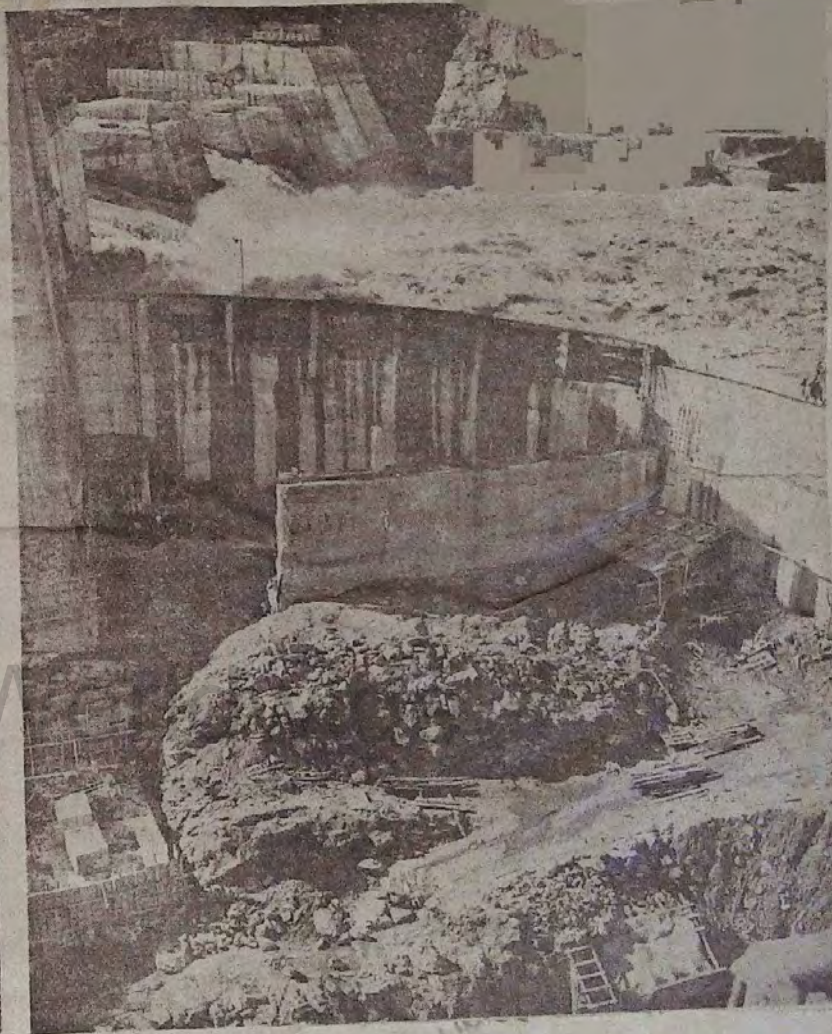
Struggle to lift bridge

THE suspension bridge at Kariba seems to hang crazily in the air as the work goes ahead of hoisting it out of danger of the torrential Zambesi waters rushing past a few feet below.

Centre: The north bank tower of the suspension bridge topples into the river.

Lower: This was the moment when the angry Zambesi reached up and swept away the bridge. Sections of the bridge can be seen caught by the torrent, while in the background the river surges over the big circular cofferdam.





LEFT: From the top of the south bank block of the main dam wall at Kariba—men unloading sandbags from a Blondin bucket to pack on to the upstream edge of the cofferdam. Right: The view from the south as the Zambesi, built up by the cofferdam, rages through the blocks of the main dam wall.

